**Technical Report**

# Demonstration of New Tools for Improved Source and Recontamination Potential Assessment

**ESTCP Project ER-201432**

**September 2017**

**Bart Chadwick**

**SPAWAR Systems Center San Diego**

| REPORT DOCUMENTATION PAGE | | Form Approved<br>OMB No. 0704-0188 |
|---|---|---|

The public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.**

| 1. REPORT DATE (DD-MM-YYYY)<br>09/30/2017 | 2. REPORT TYPE<br>ESTCP Final Report | | 3. DATES COVERED (From - To) |
|---|---|---|---|

**4. TITLE AND SUBTITLE**
Demonstration of New Tools for Improved Source and Recontamination Potential Assessment

**5a. CONTRACT NUMBER**

**5b. GRANT NUMBER**

**5c. PROGRAM ELEMENT NUMBER**

**6. AUTHOR(S)**
Meriah Arias-Thode
Bart Chadwick

**5d. PROJECT NUMBER**
ER-201432

**5e. TASK NUMBER**

**5f. WORK UNIT NUMBER**

**7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)**
SPAWAR Systems Center San Diego

**8. PERFORMING ORGANIZATION REPORT NUMBER**
ER-201432

**9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)**
Environmental Security Technology Certification Program
4800 Mark Center Drive, Suite 17D03
Alexandria, VA 22350-3605

**10. SPONSOR/MONITOR'S ACRONYM(S)**
ESTCP

**11. SPONSOR/MONITOR'S REPORT NUMBER(S)**
ER-201432

**12. DISTRIBUTION/AVAILABILITY STATEMENT**
Distribution A; unlimited public release

**13. SUPPLEMENTARY NOTES**

**14. ABSTRACT**
The objective of this project was to demonstrate a family of technologies adapted from the oceanographic and environmental arenas that could significantly improve our ability to address contaminant source exposure, transport and fate challenges at Department of Defense (DoD) coastal site in a relatively simple and cost effective way. Through the integration of these technologies, our goal was to develop and demonstrate a spectrum of new capabilities.

**15. SUBJECT TERMS**
Improved Source and Recontamination Potential Assessment, Clean Water Act, Drifting Particle Simulator, Drifting Exposure System, Global Navigation Satellite System, Global Positioning System

| 16. SECURITY CLASSIFICATION OF: | | | 17. LIMITATION OF ABSTRACT | 18. NUMBER OF PAGES | 19a. NAME OF RESPONSIBLE PERSON<br>Meriah Arias-Thode |
|---|---|---|---|---|---|
| a. REPORT | b. ABSTRACT | c. THIS PAGE | | | |
| UNCLASS | UNCLASS | UNCLASS | UNCLASS | 2,355 | 19b. TELEPHONE NUMBER (include area code)<br>619-553-5333 |

Standard Form 298 (Rev. 8/98)
Prescribed by ANSI Std. Z39.18

# CONTENTS

# FIGURES

# TABLES

# ACRONYMS AND ABBREVIATIONS

| | |
|---|---|
| 2DRMS | 2 X Distance Root Mean Squared |
| BMP | Best Management Practices |
| BPTCP | Bay Protection and Toxic Cleanup Program |
| CEP | Circular Error Probable |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CH3D | Curvilinear Hydrodynamics in Three Dimensions |
| COC | Contaminant of concern |
| CODE | Coastal Ocean Dynamics Experiment |
| CTD | Conductivity, Temperature and Depth |
| CV | Coefficient of Variation |
| CWA | Clean Water Act |
| DDT | Dichlorodiphenyltrichloroethane |
| DDX | Dichlorodiphenyltrichloroethane and its isomers |
| DGT | Diffusive Gradient in Thin Film |
| DoD | Department of Defense |
| DON | Department of the Navy |
| DPS | Drifting Particle Simulator |
| DrEx | Drifting Exposure System |
| DU | Decision Unit |
| EFDC | Environmental Fluid Dynamics Code |
| EGNOS | European Geostationary Navigation Overlay Service |
| EMNR | Enhanced Monitored Natural Recovery |
| ER | Environmental Restoration |
| ESTCP | Environmental Technology Certification Program |
| GIS | Geographic Information System |
| GNSS | Global Navigation Satellite System |
| GPS | Global Positioning System |
| JBPHH | Joint Base Pearl Harbor Hickam |
| $K_{ow}$ | Octanol Water Partition Coefficient |
| LSPC | Loading Simulation Program in C++ |

| | |
|---|---|
| MDL | Minimum Detection Limit |
| MNR | Monitored Natural Recovery |
| MS/MSD | Matrix Spike and Matrix Spike Duplicates |
| MSAS | MTSAT Satellite Augmentation System |
| NAVFAC | Naval Facilities Engineering Command |
| NBSD | Naval Base San Diego |
| NIST | National Institute of Standards |
| NOVA | New-generation Oceanographic Variable-buoyancy Autonomous |
| NPDES | National Pollutant Discharge Elimination System |
| OWS | Oil-Water Separator |
| PAH | Polycyclic Aromatic Hydrocarbon |
| PAWS | Programmable Automatic Water Sampler |
| PCB | Polychlorinated Biphenyl |
| PDMS | Polydimethylsiloxane |
| PRC | Performance Reference Compound |
| PRG | Preliminary Remediation Goal |
| PVC | Polyvinylchloride |
| RI/FS | Remedial Investigation/Feasibility Study |
| RMS | Root-Mean-Square |
| SBAS | Satellite Based Augmentation Systems |
| SBD | Short Burst Data |
| SCCWRP | Southern California Coastal Water Research Project |
| SeDep | Sediment Deposition Detector |
| SPAWAR | Space and Naval Warfare Command |
| SPME | Solid Phase Micro Extraction |
| SSC-PAC | Space and Naval Warfare Center Pacific |
| TIE | Toxicity Identification Evaluation |
| TMDL | Total Maximum Daily Load |
| TOC | Total Organic Carbon |
| TSS | Total Suspended Solids |
| TST | Test for Significant Toxicity |
| UCSD | University of California San Diego |
| USEPA | United States Environmental Protection Agency |

| USGS | United States Geological Survey |
| WAAS | Wide Area Augmentation System |
| WDR | Waste Discharge Requirement |
| WQO | Water Quality Objective |

# PROJECT TEAM

SPAWAR Systems Center San Diego

Bart Chadwick, Chuck Katz, Brad Davidson, Matt Nicholson, Joel Guerrero, Molly Colvin


Avago Technologies

Jon Oiler


Brightwaters Instrument Corporation

Peter Salomon and Thomas Wilson


Pacific Gyre, Inc.

Andy Sybrandy


Zebra-Tech, Ltd.

John Radford


Geosyntec Consultants

Melissa Grover and Jason Conder


Ramboll Environ, Inc.

Kyle Fetters and Victor Magar

# ACKNOWLEDGMENTS

This page intentionally left blank

# EXECUTIVE SUMMARY

## Objective

The objective of this project was to demonstrate a family of technologies adapted from the oceanographic and environmental arenas that could significantly improve our ability to address contaminant source exposure, transport and fate challenges at Department of Defense (DoD) coastal site in a relatively simple and cost effective way. Through the integration of these technologies, our goal was to develop and demonstrate a spectrum of new capabilities. Our demonstration focused on three key products including:

- Drifting Exposure System (DrEx): Surface global positioning system (GPS) drifter with position data telemetry, composite sample collection and passive sampler capabilities for exposure characterization.
- Drifting Particle Simulator (DPS): GPS drifter with position data telemetry, buoyancy control, bottom detection, and passive sampling capability for measurement of depositional footprints and sampling of source related particles.
- Sediment Deposition Detector (SeDep): Sediment bed scour sensor with high resolution differential pressure sensor, shore cable or in situ data logging, and coupled sediment trap capabilities for simultaneous quantitative measurement of deposition rates and sampling of depositing particles.

We envision that these technologies will provide a broad new set of capabilities that are highly applicable to characterizing the exposure, transport and fate of stormwater contaminant sources.

## Description of the Technology

Drifting Exposure System

The DrEx is a surface GPS drifter with position tracking and data telemetry, onboard sensors, composite sample collection and passive sampler capabilities for exposure characterization. It is based on their standard Davis/CODE (Coastal Ocean Dynamics Experiment) design but incorporates a new composite sampling capability. The combined system allows for both the tracking and sampling of surface plumes from stormwater and other discharges.

Drifting Particle Simulator

The DPS is based on an integration of the Pacific Gyre Microstar Lagrangian Drifter design with GPS tracking and Iridium satellite communications, and a high resolution depth-control underwater micro-winch. The DPS drifter tracks water currents at depths of 1 to 20 meters, and is equipped to accommodate a range of additional sensors. The system is configured with a spherical surface float housing the GPS and Iridium satellite communications, a "Holey Sock" subsurface drogue, and is supported by data archival, mapping, web access capabilities. The system is designed to house the underwater micro-winch along the central axis of the subsurface drogue, and maintain adequate drag to drogue ratios for water depths in the range of 1 – 20 meters. In combination with the underwater micro-winch, the system provides the ability to use these drifters to mimic the settling velocities of particles by automatically adjusting the depth of

subsurface drogue relative to the surface float, allowing for simulation of effective particle settling rates in ocean, river and lake currents.

Sediment Deposition Detector

The SeDep system consists of a standard United States Geological Service (USGS) Load-Cell Scour Sensor provided by Rickly Hydrological Corp. that was modified to incorporate a highly sensitive differential pressure sensor in place of the standard pair of absolute pressure sensors. The sensor weighs the sediment, water, and air above it and an accompanying pore-pressure sensor weighs the water and air above it. The difference between the two weights is the weight of the sediment overlying the sensor pair. With the new integration of the differential pressure sensor in place of the standard sensor pair, the depth limit of the system is increased by two orders of magnitude from 3.5 m, to 350 m, and the sensitivity is improved by about 2 orders of magnitude from 3 mm to about 0.05 mm. These improvements were critical to the application of the system for assessment of stormwater events and potential recontamination of the sediment bed. In addition, the standard unit required cables run to shore for monitoring, while the new system incorporates an onboard data logger that can be left at the site for extended periods. The SeDep incorporates a standard sediment trap to allow of collection and analysis of deposited sediments.

## Performance Objectives and Results

Performance analysis focused on the ability of the systems to provide improved exposure, transport and fate assessment for stormwater sources in a cost effective manner. A key aspect of this performance was the ability to improve our understanding of the linkage between this ongoing sources and potential recontamination of sediment. This requires the ability to accurately track the trajectory of the plume and associated particle-bound contaminants, and establish reliable measures of event-based depositional footprints. Performance was measured against performance criteria established in the demonstration plan. Performance objectives for the three technologies are summarized in Table 4 and Table 5.

Drifting Exposure System

For the DrEx system, we established a series of quantitative and qualitative performance objectives. Quantitative objectives focus on tracking accuracy, communications reliability, water sampler performance, and system survivability. The primary qualitative performance object for the DrEx was that the drifters reliable track the surface plume of a stormwater discharge release.

***Quantitative Performance Objective – Tracking Accuracy:*** GPS accuracy data and statistics were collected during field deployments at Paleta Creek in San Diego Bay. The goal for this performance objective was to demonstrate that the tracking accuracy was <5 m for >90% of the deployment period provided that the SBAS differential system was active. Results based on the Trimble GeoXT GPS measurements showed 90th percentile differences of 4.9 m and 6.4 m for the Jan 5-6, 2016 event and Feb 1 event, respectively. Results from the BadElf global navigation satellite system (GNSS) GPS measurements showed 90th percentile differences ranging from 5.4-5.5 m for the Jan 5-6, 2016 event, and 5.0-5.6 m for the Feb 1, 2016 event. While these values and ranges generally slightly exceeded the performance objective, the objective was considered to be met because the results were generally both very consistent and also very close to the objective.

***Quantitative Performance Objective – Communications reliability:*** Telemetry link data and statistics for the DrEx were collected during the field deployments at Paleta Creek. The goal for this performance objective was to demonstrate reliable position data transmitted for >90% of the deployment period. Results for communications reliability were evaluated for each of the two survey events. During the Jan 5-6, 2016 event, communications reliability ranged from a low of 59% to a high of 94%, with an overall average of 81%. During the Feb 1, 2016 event, reliability ranged from 34% to 100% with an overall average of 77%. While these levels fall somewhat short of the performance goal, experience during the events indicated that the communications reliability was generally sufficient to provide adequate information on the locations of the drifters throughout the deployments, as well as providing accurate information on the location for the retrieval.

***Quantitative Performance Objective – Water sampler operation:*** Water sampler operation data were collected during the field deployments at Paleta Creek. The goal for this performance objective was to demonstrate reliable composite sample with total volume within 10% of the user specified target. Results for water sampler operations were evaluated for each of the two survey events. For the Jan 5-6, 2016 event, percent differences between the pump estimated volume and the measured volume ranged from 14% to 100% with an overall average of 41%. Large differences were primarily attributable to leaks that developed in the sampling bags after retrieval of the drifters. Considering only the units that were operational and had no leaks, the percent difference had an average of 14%. For the Feb 1, 2016 event, percent differences ranged from a low of 1% to a high of 91% with an overall average of 20%. Prior to this event, outer sleeves were added to protect and support the sampling bags. Only one sampling bag developed a leak during this event (DrEx 109). Eliminating this unit from the analysis, the average percent difference was found to be 12%. In general, for operational units with no leaks, the performance of the sampling system provided good agreement with the post-survey volume measurements within the range of about 12-14%. While this is slightly higher than the 10% target, it is still adequate to achieve the sampling requirements for the system.

***Quantitative Performance Objective – System survivability:*** System survivability data and statistics on successful mission completion, system failures, and lost units during field deployments were collected during the field deployments at Paleta Creek. The goal for this performance objective was to demonstrate system survivability >80% under field conditions. Two different levels of survivability were evaluated including systems that were successfully retrieved but had significant damage (repair >50% of the system value), and systems that were completely lost or suffered complete loss damage (repair >100% of the system value). Results for system survivability were evaluated for both survey events. For the Jan 5-6, 2016 event, no drifters were lost or sustained major damage. One drifter (109) failed due to a faulty mounting bracket that caused the magnetic switch to deactivate and shutdown the system. This only required a minor repair. For the Feb 1, 2016 event, no drifters were lost or sustained major damage. One drifter (112) lost its conductivity/temperature sensor. The same drifter also had some saltwater flooding to the pump housing for the water sampler. The total damage was estimated to be less than 25% of the drifter value. Overall, the performance objective for system survivability was met because no drifters were lost or sustained major damage.

***Qualitative Performance Objectives – Surface plume tracking effectiveness:*** The goal for this qualitative performance objective was to demonstrate that the DrEx units generally tracked the stormwater plume based on the onboard salinity and temperature signature being consistent with

plume characteristics. For the Jan 5-6, 2016 event, we evaluated plume tracking based on the onboard sensors and vertical profiles collected along axial transects through the plume at three different time points during the storm. Salinity data from the onboard sensors indicated that the drifters generally stayed within the plume. Vertical profile transects also indicated that the drifters generally stayed within the plume. For the Feb 1, 2016 event, we evaluated plume tracking based on the onboard sensors and surface water mapping conducted at one time point during the storm event. Salinity data from the onboard sensors indicated that the drifters generally stayed within the plume. The surface water mapping transect also indicated that the drifters generally stayed within the plume. Overall, the performance evaluation for the surface plume tracking effectiveness indicated that the success criteria were met.

<u>Drifting Particle Simulator</u>

For the DPS system, we established a series of quantitative and qualitative performance objectives similar to the DrEx but adapted to the particle tracking capability of the system. Quantitative objectives focus on tracking accuracy, communications reliability, settling rate performance, and system survivability. The primary qualitative performance object for the DPS is that the drifters reliable track the particle plume of a stormwater discharge release.

***Quantitative Performance Objectives – Tracking Accuracy:*** GPS accuracy data and statistics were collected during field deployments at Pearl Harbor. The goal for this performance objective was to demonstrate that the tracking accuracy was <5 m for >90% of the deployment period. For the March12-13, 2016 event at Oscar pier, a total of 62 verification measurements were collected with the Trimble Geo-XT. The 90th percentile difference in the position between the DPS and the Trimble was 3.4 m. For the October 28-29, 2016 event at Waiau, a total of 28 verification measurements were collected with the Trimble Geo-XT. The 90th percentile difference in the position between the DPS and the Trimble was 4.8 m. The results indicate that the success criteria for the DPS tracking accuracy performance objective was met.

***Quantitative Performance Objectives – Communications reliability:*** Telemetry link data and statistics for the DPS were collected during the field deployments at Pearl Harbor. The goal for this performance objective was to demonstrate reliable position data transmitted for >90% of the deployment period. For both DPS survey events, the communications reliability averaged 100%. Thus the success criteria for this performance objective was met.

***Quantitative Performance Objectives – Settling Rate:*** Settling rate data were collected from the pressure sensor onboard the DPS units. The goal of this performance objective was to demonstrate accurate settling rates within 10% of target rate. The target settling rate for both survey events was 34 mm/min. For both events, the average percent difference from the target settling rate was less than 0.0%. Thus the success criteria for the settling rate performance objective was met.

***Quantitative Performance Objectives – System survivability:*** System survivability data and statistics on successful mission completion, system failures, and lost units during field deployments were collected during the field deployments at Pearl Harbor. The goal for this performance objective was to demonstrate system survivability >80% under field conditions. Two different levels of survivability were evaluated including systems that were successfully retrieved but had significant damage (repair >50% of the system value), and systems that were completely lost or suffered complete loss damage (repair >100% of the system value). For the Mar 12-13, 2016 event, no DPS units were lost, and one DPS unit sustained major damage.

System survivability for this event was thus 90%. For the Oct 28-29, 2016 event, no drifters were lost or sustained major or minor damage. System survivability for this event was thus 100%. Overall, the performance objective for system survivability was met.

***Qualitative Performance Objectives – Particle plume tracking effectiveness:*** Data on plume tracking was originally expected to be collected in the field when the DPS units were released during stormwater discharge events. However, the logistics of releasing the units during events proved to be difficult with limited storm events, long-distance travel to Pearl Harbor and obtaining permission for releases on short notice at the installations. As an alternative, we collected the DPS trajectory data during the field demonstrations in Pearl Harbor, and then compared those results to simulations from the available hydrodynamic model for releases at the same locations under the same conditions. The goal for this performance objective was to show that DPS units provide a qualitatively similar estimate of particle trajectories and deposition footprints as other available approaches. For the Mar 12-13, 2016 event, the two methods show good agreement, with the DPS bottom contacts generally falling within the areas where the model showed the majority of deposition associated with silt particle release from Oscar Pier. Similar results were found for the Oct 28-29 event. On the basis of these qualitatively similar results, we concluded that the success criteria for this performance objective was met.

Sediment Deposition Detector

For the SeDep system, we established a series of quantitative and qualitative performance objectives. Quantitative objectives focus on deposition detection sensitivity, measurement reliability, and system survivability. The primary qualitative performance object for the SeDep is that the system be reasonably easy to use in the field.

***Quantitative Performance Objectives – Deposition Detection Sensitivity:*** The SeDep uses a precision differential pressure sensor to detect sediment deposition and scour. To quantitatively test the sensitivity of the system in the lab, SeDep units were submerged in a test tank and known weights were added to the pressure plate in the form of thin sheets of rubber. The goal for this performance objective was to demonstrate that the sensitivity of the SeDep was equivalent to <1 mm of sediment deposition. Testing of the original SeDep systems using the Omega sensors showed minimum detection limits (MDLs) for thickness ranging from 0.008 to 0.014 mm with an overall average of 0.012 mm. This level of detection sensitivity was well below the success criteria. However, the sensors were found to have two issues during longer deployments in the field. First, the sensors had a tendency to drift, requiring weight tests before and after the deployment and detrending of the field results. Second, the sensors were found to corrode and several units became inoperable shortly after the first long field deployment. Based on these findings, an improved sensor (Validyne) was identified, tested, and incorporated into the system. Time constraints on the project limited the full integration and application of these new sensors. However initial lab and field testing indicated that the primary issues with the original sensors were resolved. Overall, the success criteria for this performance objective was met.

***Quantitative Performance Objectives – Measurement Reliability:*** The SeDep collects differential pressure data continuously at a rate of once every two seconds over periods of days to months. Data for measurement reliability were obtained from differential pressure data during the field deployments in Pearl Harbor. The goal for this performance objective was to demonstrate reliable pressure data collected >90% of the deployment period. Reliability ranged from 87% to 100% for the ten units, with an overall average of 97%. Reliability less than 100%

occurred for three units due to failure of the adhesive that was used to secure the pressure plate membrane. On the basis of these results, we concluded that the success criteria for the measurement reliability performance objective was met.

***Quantitative Performance Objectives – System survivability:*** The SeDep units are designed to be deployed in harbor and coastal areas where exposure to harsh conditions is likely. System survivability data and statistics on successful mission completion, system failures, and lost units during field deployments were collected during the field deployments at Pearl Harbor. The goal for this performance objective was to demonstrate system survivability >80% under field conditions. Two different levels of survivability were evaluated including systems that were successfully retrieved but had significant damage (repair >50% of the system value), and systems that were completely lost or suffered complete loss damage (repair >100% of the system value). During and following the Pearl Harbor deployment, two issues occurred that impacted the system survivability performance. During the deployment period, the pressure plate membrane on three of the units (3, 7 and 10) failed, leading to a loss of pressure difference signal. This failure was considered minor damage because replacement of the membrane is a relatively small cost as a percentage of the entire system (about 10%). After recovery, the units were tested and post-survey weight calibrations were performed successfully. However, about 5 weeks after the recover, it was discovered that five of the pressure sensors (1, 3, 4, 6, and 9) had failed, apparently due to corrosion that had taken place inside of the sensing element. Based on these failures, combined with the sensor drift issue identified for the Omega sensors, we elected to replace the Omega sensors with an improved sensor from Validyne. To further reduce potential issues with corrosion, we also fully sealed the new sensors in polyurethane. Initial pier-side testing indicates that these improvements have successfully addressed the survivability and stability issues identified during the Pearl Harbor deployment, although long-term deployments are still needed to verify the robustness of the new configuration. Overall, the survivability success metric was not met; however, the issues that were identified have been addressed.

***Qualitative Performance Objectives – Ease of installation and retrieval:*** The SeDep system provides a unique capability to monitor a continuous time series of sediment deposition at a fixed location while simultaneously capturing samples for subsequent physical and chemical analysis. A key aspect of the acceptance of the technology is that it be relatively easy to install and retrieve so that a reasonable number of samplers can be used to monitor the area of interest. Data to assess the ease of installation and retrieval was collected based on field logsheets and feedback from the field and dive teams. The goal for this performance objective was to demonstrate the ease of installation and retrieval for the SeDep system, and the ability to install or retrieve a typical system array within a reasonable time period of 1-2 days. The ease of installation and retrieval was evaluated during the Pearl Harbor demonstration. The divers reported that the deployments were straightforward and the only difficulties that were encountered were deployment into an area containing coral rubble mixed with sediment that made it difficult to properly embed the SeDep unit into the bottom. Retrieval of the systems was also uneventful. The overall retrieval rate was 10 stations in less than 3 hours for a retrieval rate of about 3.3 stations/hour. Overall, the success criteria for the ease of installation and retrieval performance objective was met.

**Performance Evaluation**

***Drifting Exposure System:*** Performance for the DrEx system was evaluated during two demonstration events at the mouth of Paleta Creek at Naval Base San Diego (NBSD). The first was conducted during a relatively large storm event on Jan 5-6, 2016 with a cumulative rainfall of about 45 mm. The second was conducted during a smaller storm event on Feb 1, 2016 in the same area with cumulative rainfall of about10 mm. In both cases, ten drifters were released into the first flush of the storm event to track the plume and collect samples during exposure periods that ranged from about 12 hours for the large event to about 6 hours for the small event. Overall, performance results from the DrEx demonstrations indicated that:

- The GPS tracking data from the DrEx systems provided a clear visualization of the area of the bay with connectivity to the stormwater plume, the spatial and time scale of the plume, the rate of movement of the plume, the rate of spreading of the plume, and the relationship to complex forcing from the stormwater and the tide.
- Sensor data from the DrEx units were very useful in evaluating the dynamics of the stormwater plume, the dilution of the plume over time, and the influence of other stormwater sources in the general vicinity.
- Composite samples from the events provided an effective means for characterizing exposure conditions within the first flush portion of the discharge plume from both a chemical and toxicological perspective.
- Differences in the dispersion, spatial scales, and exposure levels of the plumes were clearly discernable between the two events.
- The units stayed within the plume and recorded conditions that were consistent with the exposure that would be expected for the first-flush portion of the plume as it disperses into the receiving water.
- While still developmental, the passive sampler results indicated that there is potential for their application on these drifting exposure systems. The diffusive gradient in thin film (DGT) samplers are better suited to the application because the exposure time scale is more in line with the standard DGT method. The solid phase micro extraction (SPME) samplers have potential, but the application is not truly passive because it requires pumping, and more work is needed to better refine the method and improve the response time.

***Drifting Particle Simulator:*** Performance of the DPS system was evaluated during two demonstration events in Pearl Harbor. The first event was conducted at the Oscar Pier site in Pearl Harbor during the period March 12-13, 2016. The second event was conducted at the Waiau Generating Station site. The DPS survey at Waiau was conducted during the period from October 28-29, 2016. During each event, DPS units were deployed at approximately hourly intervals throughout a full 24 hour tidal cycle. The DPS units were tracked until they made bottom contact, and the resulting bottom contact map was used to construct deposition footprints for each of the outfall sites where the demonstrations were performed. Overall, performance results from the DPS demonstrations indicated that:

The GPS tracking and bottom contact data collected using the DPS systems provided a clear visualization of the area of the harbor with connectivity to the outfall, the depth, spatial and time scales of the transport area, and the spatial location and size characteristics of the deposition footprint. These are all key aspects in understanding the complex nature and extent of the particle transport associated with discharge from a given outfall location.

- The DPS system can act as a platform for sensors to track background or storm event conditions during the trajectories of the drifters.
- The results compare favorably to model simulations for particle transport and settling performed for the same sites.

***Sediment Deposition Detector:*** Performance of the SeDep system was evaluated during a single demonstration event in Pearl Harbor. The event was conducted at the Oscar Pier site in Pearl Harbor during the period March 12 – April 26 in conjunction with the DPS demonstration. Based on the DPS deposition footprint results from the Mar 12-13, 2016 event, ten SeDep units were deployed. The deployments were focused in the nearfield area of the footprint with an additional unit deployed further into the harbor and further out toward the entrance to characterize the far field areas of the footprint. Deposition data were collected continuously over the 42 day period of the deployment. The precipitation record shows that two moderate storm events and several smaller events took place during the deployment period, totaling about 13 mm. Overall, performance results from the SeDep demonstrations indicated that:

- The SeDep sensor systems provided a unique temporal quantification of cumulative sediment deposition under conditions that are representative of DoD harbors subject to stormwater and other sediment transport processes.
- The sediment traps that were collocated with the SeDep sensors provided an effective means of collecting deposited sediments, and the deposition rates were consistent with expectations regarding the typical rates in Pearl Harbor.
- In conjunction with the deposition data, the sediment trap and surface sediment chemistry were useful in evaluating the potential for recontamination at the deployment site. For the Pearl Harbor site, the results indicated that incoming sediment particles generally had lower contaminant concentrations than surface sediments, indicating that they should tend to improve conditions over time. However some chemicals including mercury and PCBs had particle input concentrations that still exceed their respective preliminary remediation goals (PRGs).
- Spatial distributions of trap and surface sediments suggest that the chemicals of concern may have different sources that are driving conditions at the site, with some chemicals showing gradients to the south (mercury and polychlorinated biphenyls [PCBs]), some showing gradients to the north (copper), and some being fairly evenly distributed off the outfall (lead).

## Cost Analysis

The focus of these technology demonstrations was on the evaluation of new capabilities that expand the tool box for assessing stormwater and sediment recontamination beyond what is

currently available. Thus the cost analysis focused on providing a good definition of the costs associated with implementation over a range of scales. Overall it appears that the costs associated with the technologies is within the range of typical field survey events for other aspects of sediment assessment and characterization. Assuming that the technologies would be incorporated and applied with other traditional characterization phases of a remedial investigation or stormwater monitoring program, significant efficiencies in costs could be expected.

**Implementation Status**

The over-arching strategy for implementation for the technologies was based on several key components including that: the technology is well demonstrated and documented; standard operating procedures are developed and available; equipment is available on the open market; technology service providers are available to DoD users, and ; regulators have visibility of the technology. To the extent possible, we attempted to make progress on each of these components through the course of this project. The demonstrations were well documented through the ESTCP Site Selection Memorandum, Demonstration Plan, and this Technical Report, as well as through a series of conference presentations and publications. The technologies, particularly the SeDep system, would still benefit from further demonstration by early adopters under a broader range of facilities, discharge conditions, environmental settings, and regulatory applications. Standard operating procedures have been developed for all of the technologies. These are well documented in manuals provided by the equipment companies, as well as in the procedural documents contained in the ESTCP Demonstration Plan.

The equipment is all currently available from the vendors described in this document, with the exception of the SeDep system for which we were unable to finalize a relationship with a commercial vendor, although the systems are based directly on the commercially available system. Service providers collaborated in the project and have experience with the equipment. The technologies are currently in patent pending status, and there may be future opportunities for service providers to license the technology. Implementation of the technology would be well served by having the technology be picked up and promoted by a commercial consulting firm for future applications at DoD sites. The technologies have had some limited regulatory exposure. The technology was briefed and toured to staff from the San Diego Regional Water Quality Control Board during the period of the demonstrations in San Diego Bay. Results from the demonstrations in Pearl Harbor have also been briefed to the regulatory team associated with the Pearl Harbor sediment cleanup. The RPM at Pearl Harbor has been actively involved in the project and in implementing the technology at her site, and represents a key early adopter for the technology. The technology would benefit from further exposure to regulatory agencies that have oversight over stormwater and/or sediment cleanups.

This page intentionally left blank

# 1  INTRODUCTION

Source assessment and control is critical challenge for protecting Department of Defense (DoD) investments in sediment cleanup as well as in the prevention of future contaminated sediment liabilities (Strategic Environmental Research and Development Program, 2012). Stormwater sources are at the nexus of this challenge, spanning virtually every DoD coastal site, and linked to every aspect of regulatory compliance including National Pollutant Discharge Elimination System (NPDES) permitting, Total Maximum Daily Load (TMDL) actions, Environmental Restoration (ER) programs, and associated source control strategies (Figure 1). The ubiquitous and non-point source nature of these sources make them difficult to effectively characterize and control while at the same time, regulatory pressure to reduce them and cleanup adjacent water bodies is increasing. Among the key challenges of stormwater compliance and characterization are:

- What are realistic exposure scenarios that are protective of the environment but not so conservative as to be impossible to achieve?
- What is the fate and transport of the particulate fraction of these sources and their linkage to regional sediments that may be impacted by episodic discharges?
- At what point are these sources sufficiently controlled to warrant large-scale investment in remediation of the adjacent sediments?

The first aspect is fundamental to improving approaches to stormwater compliance, while the second and third are fundamental to supporting the development of rationale TMDLs, preventing recontamination of remediated sediments, and protecting DoD from future contaminated sediment liabilities.

## 1.1 Background

Current methods for assessing stormwater exposure, fate and transport are limited. Compliance programs generally focus on end-of-pipe monitoring for first-flush conditions. These measurements are often highly variable, and provide little insight into actual environmental exposure, impact, fate and transport (Katz et al., 2006). For large scale sources such as urban creeks and streams, three dimensional numerical models have been applied to predict exposure and transport of particles, but these models generally lack validation through direct measurement that would improve acceptance and reduce uncertainty in the results.

Methods for assessing particle transport and fate in DoD coastal harbors are also limited. Sediment transport models have been applied on larger scales, but are highly complex, and usually of inadequate resolution to resolve small stormwater discharges (Chadwick et al., 2007; Gailani et al., 2007). Field based methods that have been used include sediment sampling near outfalls, sediment traps placed near outfalls, and geochronology analysis of sediment cores collected in suspected depositions zones (Apitz and Chadwick, 2002; Magar et al., 2009; Blake et al., 2007). Sediment sampling near the outfalls provides indirect evidence of potential fate of particles, but lacks any direct linkage, and is often confounded by high spatial heterogeneity of contaminant levels in sediments. Sediment traps in active harbor areas provide a measure of sediment deposition that incorporates all forms of transport and resuspension, but are unable to

distinguish source deposits from these other depositional sources. Geochronology in active harbor areas is often confounded by historical disturbance of the sediments by dredging and resuspension events, and thus cannot be reliably applied in many of the areas of interest.

Because of the limitations of current methods, there is a high degree of uncertainty in the exposure, transport and fate associated with these sources, and new tools are needed that can help DoD to better manage these challenges. An integration of emerging technologies from the oceanographic and environmental arenas provides the basis for demonstration of a family of new assessment tools and methods that could vastly improve our ability to cost-effectively address these challenges.

Global Positioning System (GPS) drifters have been used in oceanographic applications for many years (Davis, 1985; Breivik et al., 2013; Ponte et al., 2013; Halle and Largier, 2012). The primary focus of these efforts has been "Lagrangian" tracking of water currents and properties over various scales in the open ocean, ranging from local to global. GPS drifters are an available, off-the-shelf technology that are generally comprised of a drogue or sail that attaches them to the moving water, a GPS locator that tracks their position, and a radio or satellite link that transmits the position to the user (MetOcean, 2013; Pacific Gyre, 2014; Brightwaters, 2013). The drogue is generally set to track the water at a certain fixed depth. Often they are also fitted with sensors such as temperature and salinity to record and transmit water properties as well. A recent example from our work in Pearl Harbor is shown in Figure 2, where GPS drifters were used to track currents in the vicinity of the USS Missouri and USS Arizona in conjunction with oil spill preparedness efforts.

Although they have not been extensively demonstrated in this application, these systems are ideally suited to track the exposure associated with stormwater plumes. Recent examples of GPS drifter applications to stormwater include tracking of coliforms in stormwater plumes (McCorquodale et al., 2004), and tracking of river runoff plumes on the coast of California (Ohlmann et al., 2005). The systems are low-cost, easy to deploy, and their water tracking capabilities have been well characterized. They can be configured to track near-surface water parcels, where buoyant stormwater plumes often persist, and they ideally mimic the drifting exposure scenario that is characteristic of many of the sensitive planktonic larval species that are sensitive to stormwater impacts (McCorquodale et al., 2004; Ohlmann et al., 2005; USGS, 2006). At the same time, they capture all of the complex transport and mixing processes that will provide such an improved exposure scenario compared to current end-of-pipe and grab-sample type approaches. To our knowledge, composite samplers and passive samplers have not previously been used in conjunction with GPS drifters, and this novel integration will be a key aspect of our project.

GPS drifters, gliders, and moorings have also been used extensively for profiling the upper ocean (Webb et al., 2001; Sherman et al., 2001; Bachmayer et al., 2004; University of California San Diego, 2017; MetOcean, 2013; Figure 3). For this project, we adapted a small underwater winch to control the drogue depth of a GPS drifter to allow for programming of vertical settling velocity. This means that we can program the behavior of the drifter to simulate the settling rate of particles associated with stormwater discharges. Using GPS tracking of the surface buoy, and pressure and bottom sensors on the subsurface drogue, we then detect the three dimensional trajectory and the point at which the drifter settles to the bottom, and then trigger it to return to the surface and report its position, thus quantitatively defining a depositional footprint for

particles released from that source. Surface sediment samples can then be collected from those locations to characterize recent deposition, along with sediment traps and deposition sensors.

Load-cell based scour sensors were originally developed by the United States Geological Survey (USGS) to investigate sediment bed level changes in shallow streams and rivers due to flow driven changes in scour and deposition (Carpenter, 2000; Rickly Hydrological Company, 2013; Figure 4). Previous applications include shallow placement in spawning beds for unattended monitoring of deposition and erosion, monitoring transport of bedforms, and monitoring scour at bridge piers. The current technology utilizes a load-cell sensor to weigh the sediment, water, and air above it, and an accompanying pore-pressure sensor that weighs just the water and air above it. The scour/deposition is measured as the difference between the two weights at a sensitivity and repeatability of about ±0.01 foot of sediment thickness or less.

Scour sensors have not been previously evaluated for use in source evaluation for contaminated sediment deposition, but are ideally suited to this application for complex DoD harbors where other traditional methods are limited by resuspension, dredging and other confounding processes. We envisioned that scour sensors can be embedded in the deposition zones identified by drifter measurements and/or modeling simulations to provide a direct measurement of net deposition over both episodic and long-term time scales. To enhance the resolution of the sensor, we evaluated the use of differential pressure sensors rather than direct pressure sensors so that the signal is not swamped by deeper water sites or large scale tidal fluctuations (e.g. Paroscientific Inc., 2013). We envisioned that these sensors could be co-deployed with sediment traps during discharge events so that new deposition could be de-convolved from the total deposition into the trap. This would allow the analysis of particle material from the trap to be better interpreted as to whether it was originating from the source or from local resuspension events.

## 1.2 Objectives of the Demonstration

Based on the requirements described above, the objective of this project was to demonstrate a family of technologies adapted from the oceanographic and environmental arenas that could significantly improve our ability to address contaminant source exposure, transport and fate challenges at DoD coastal site in a relatively simple and cost effective way.

Through the integration of these technologies, our goal was to develop and demonstrate a spectrum of new capabilities. Our demonstration focused on three key products including:

- **Drifting Exposure System (DrEx)**: Surface GPS drifter with position data telemetry, composite sample collection and passive sampler capabilities for exposure characterization.
- **Drifting Particle Simulator (DPS)**: GPS drifter with position data telemetry, buoyancy control, bottom detection, and passive sampling capability for measurement of depositional footprints and sampling of source related particles.
- **Sediment Deposition Detector (SeDep)**: Sediment bed scour sensor with high resolution differential pressure sensor, shore cable or in situ data logging, and coupled sediment trap capabilities for simultaneous quantitative measurement of deposition rates and sampling of depositing particles.

We envisioned that these technologies would provide a broad new set of capabilities that are highly applicable to characterizing the exposure, transport and fate of stormwater contaminant sources (Figure 5). Each of these technologies underwent refinement and testing in the first year of the project prior to these field demonstrations. The current versions of the commercial prototype systems are described below.

## 1.3 Regulatory Drivers

These technologies are targeted to reduce DoD total ownership costs by (1) avoiding costly active stormwater Best Management Practices (BMPs) and containment systems targeted toward stormwater discharges based solely on end-of-pipe discharge violations, and (2) avoiding major costs associated with recontamination of remediated sediment sites. DoD regulatory drivers for stormwater are generally mandated under the Clean Water Act (CWA) and regulatory drivers for sediment can fall under both the CWA and the Comprehensive Environmental Response Compensation and Liability Act (CERCLA)  These potential cost impacts are significant considering that installations such as Naval Base San Diego are faced with first-flush capture requirements for stormwater that could cost in excess of $100M, and Pearl Harbor is preparing to invest ~$40M in sediment remediation while still faced with potential source control uncertainties.
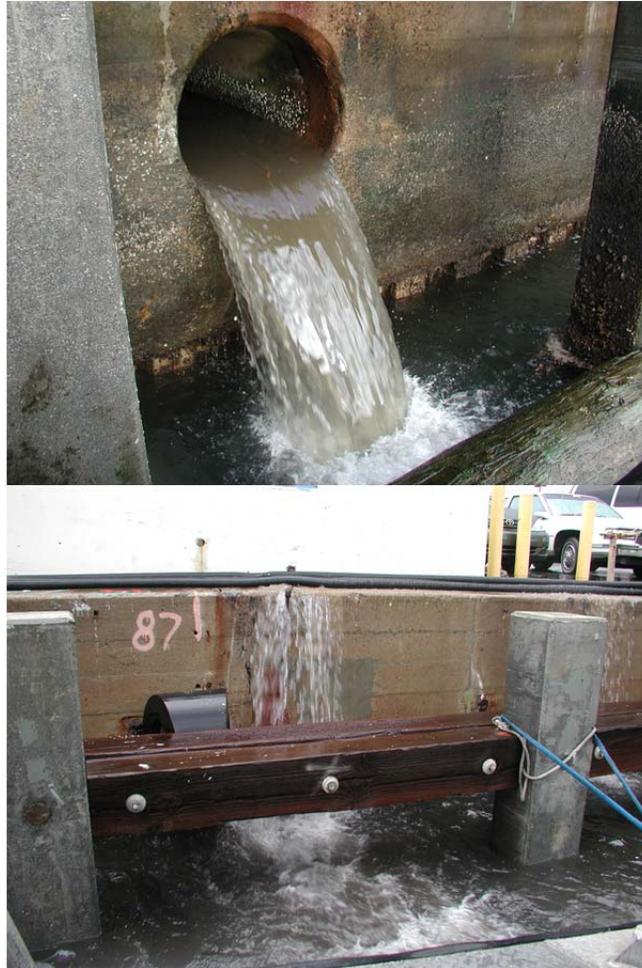
**Figure 1. Storm drain and sheet flow discharges at Naval Base San Diego.**



**Figure 2. Davis/CODE drifter (center) shown deployed in Pearl Harbor hear the USS Missouri (left) and the resulting trajectories (right).**
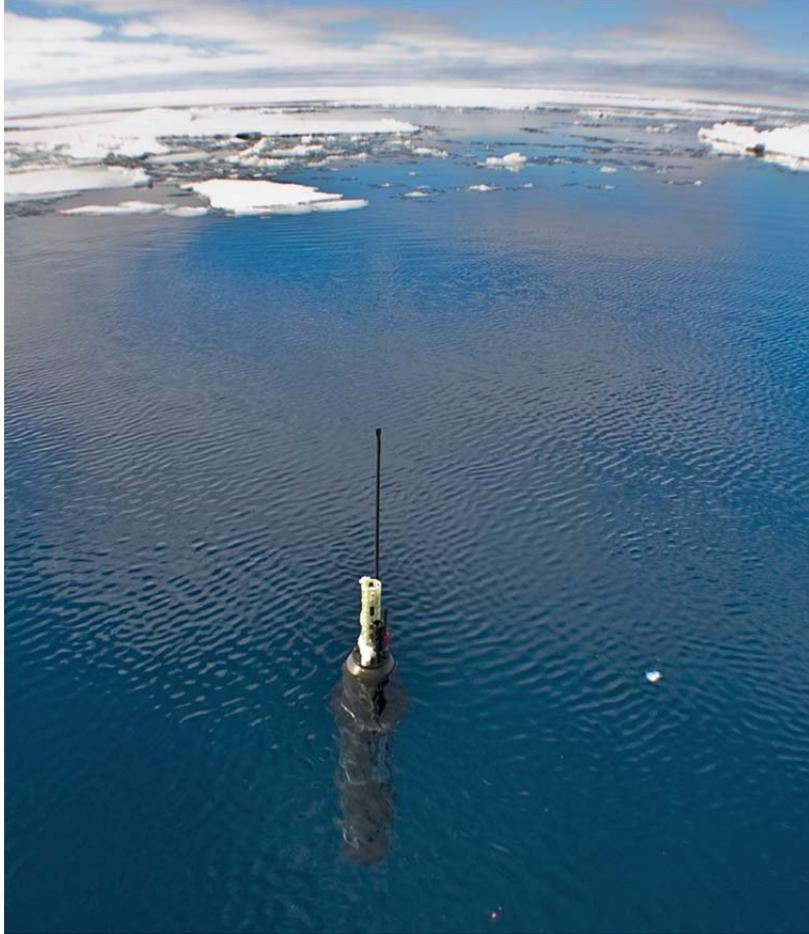
**Figure 3. Profiling float with buoyancy engine (from University of California San Diego, 2017).**



**Figure 4. Load cell scour sensor showing pressure plate and standard dual pressure.**
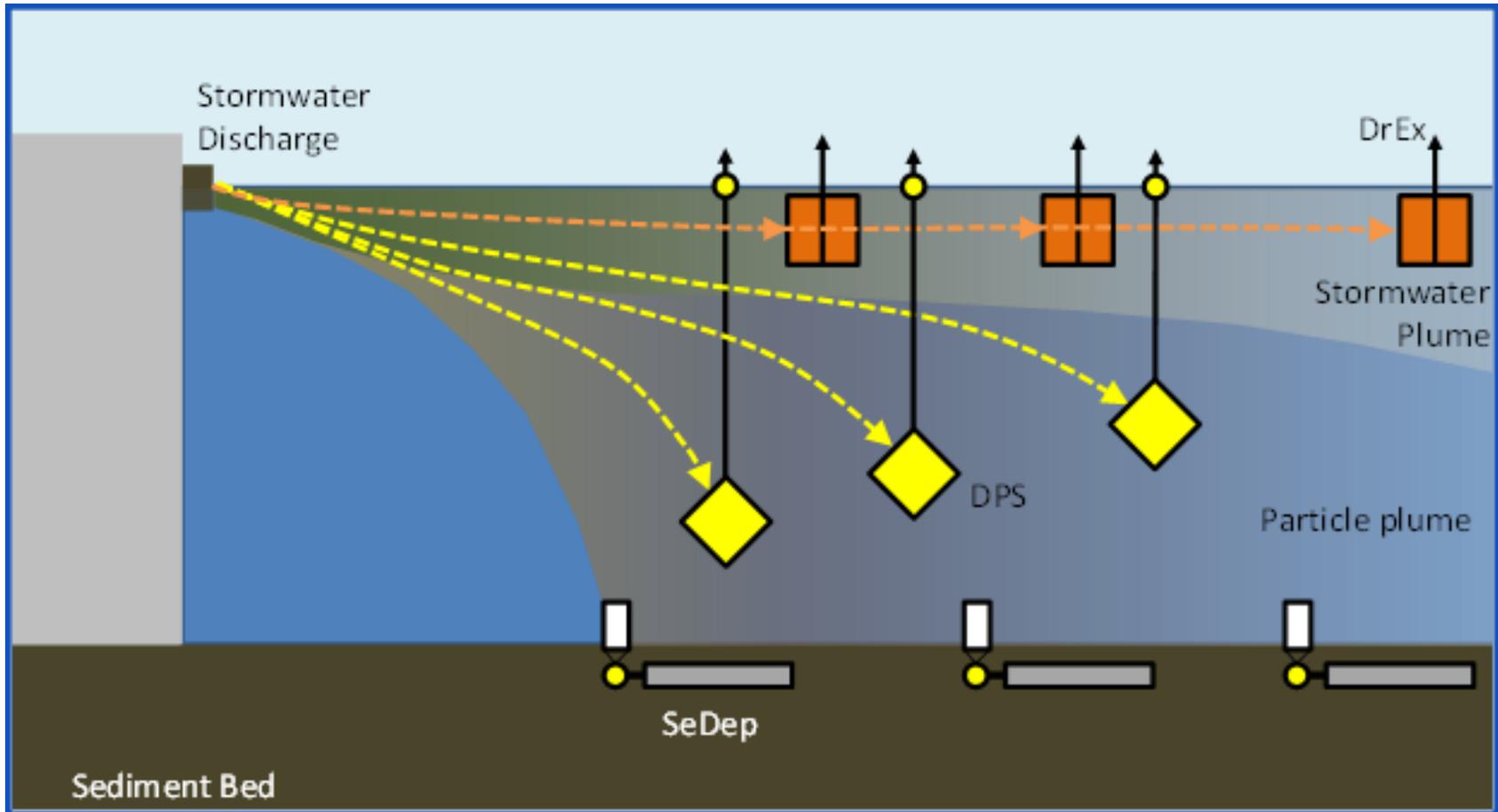
**Figure 5. Concept of operations for the three envisioned source assessment technologies.**

This page intentionally left blank

# 2   TECHNOLOGY

This section provides an overview of the source assessment technologies to be demonstrated including a description of the origin of the systems, the commercialized configurations, and the potential advantages and limitations of the systems.

## 2.1 Technology Description and Development

The technology developed and demonstrated in this project included three related systems including the DrEx, the DPS, and the SeDep. Descriptions of these systems are summarized below.

### 2.1.1   Drifting Exposure System

The DrEx is a surface GPS drifter with position tracking and data telemetry, onboard sensors, composite sample collection and passive sampler capabilities for exposure characterization. The system we developed in collaboration with Brightwaters Instruments is shown in Figure 6. It is based on their standard Davis/CODE (Coastal Ocean Dynamics Experiment) design but incorporates a new composite sampling capability. The combined system allows for both the tracking and sampling of surface plumes from stormwater and other discharges.

The DrEx system is based on the Brightwaters model 121 GPS/Iridium drifter. The Model 121 GPS / Iridium Drifter is a current following (Lagrangian) drifting buoy. It is released in a body of water and moves with the currents over a period of hours to months. Onboard electronics acquire a time series of positions using the GPS as the drifter moves. Positions and optional sensor data are telemetered over the worldwide Iridium satellite network and delivered to the end user using email, a web browser, or ftp. The onboard GPS receiver automatically uses corrections provided by Satellite Based Augmentation Systems (SBAS) to enhance position accuracy in areas of the world served by SBAS. Bidirectional satellite communication allows the drifter to be reconfigured after deployment. This allows the same deployment to serve multiple missions or adapt sampling based on changing conditions.

The drifter design is similar to the CODE drifter developed at the Scripps Institute of Oceanography. This design (also known as a Davis or SCULP drifter) provides excellent coupling to the surface layer and exhibits little wave rectification. The standard size hull is approximately 1 meter (40 in.) tall excluding the antenna mast and weighs about 11 kg (24 lbs). The Model 121 features a 12 channel GPS receiver and records position to 0.001 minute of latitude and longitude (1.8 meters). Absolute accuracy of the position is better than 15 meters worldwide. In areas served by one of three SBAS systems (Wide Area Augmentation System [WAAS] in North America, European Geostationary Navigation Overlay Service [EGNOS] in Europe, and MTSAT Satellite Augmentation System [MSAS] in East Asia) absolute accuracy is better than 3 meters (2 X Distance Root Mean Squared; 2DRMS). The drifter uses the Iridium satellite system's Short Burst Data (SBD) service for communication of data and commands. When scheduled, the drifter sends stored data to the end user. Positions can be sent individually as soon as they are taken for time critical tracking, or can be aggregated and sent in bursts for greater efficiency. In either case, typical latency from the time the drifter powers the Iridium transmitter until the end user receives data is less than two minutes. If a communications session fails for any reason, the drifter will automatically retain the data and transmit at a later time.

Full access to the drifter's extensive command set is available via the Iridium downlink. This allows a drifter to be reconfigured after deployment. For example, when released in an estuary where high time and space resolution is required, a drifter can be set to determine position every five minutes and transmit every position immediately. Once the drifter moves offshore, it can then be reconfigured remotely to maximize deployment endurance by taking data once an hour and transmitting a block of positions twice per day. The drifter ships provisioned for the Iridium system. Brightwaters offers an economical full turnkey service including Iridium satellite usage, data decoding, and storage. Results can be accessed via email, ftp push, or password-protected web. The drifters are designed to be reused. Brightwaters offers complete refurbishing services, and most routine maintenance can be accomplished by the end user. External parts such as sails or floats are easily replaced if damaged. The drifter hull can be opened to change batteries. Replacement battery packs are simple to make locally or can be ordered from Brightwaters.

Standard optional sensors available through Brightwaters for the Model 121 drifter include temperature with a range of -10 to +40 C and resolution of 0.01 C, and conductivity with a range of 0.01C. 0-60 mmho/cm and resolution of 0.01 mmho/cm. Other analog and digital sensors are available upon request. The integrated Brightwaters sensors allow for remote telemetry of the sensor data through the Iridium system. For this demonstration, we utilized a commercial conductivity/temperature sensor from Onset (model Hobo U24) installed on a bracket off the main hull of the drifter. The U24 is an internally logging sensor so the data were stored onboard and downloaded after each deployment.

The water sampling capability for the DrEx system was developed by Brightwaters and is commercially available as the Model 127 Programmable Automatic Water Sampler (PAWS; Figure 7). The PAWS is an oceanographic water sampling system allowing unattended collection of up to a five liter surface water sample in a sampling bag. The PAWS consists of a peristaltic pump and interface circuitry inside a watertight polyvinylchloride (PVC) case, a sampling port, and a sample collection bag housed inside a free flooding protective housing. The PAWS is intended for unattended or remote sampling on ships, fixed or drifting buoys, from docks, etc. Specifications for the PAWS component of the system are shown in Table 1. The water sampler connects to the drifter body via a lateral bracket. The pumping system is fully programmable and the controls can also be accessed in real time via the Iridium communication link.

We also evaluated the potential for integration of passive samplers into the DrEx. For metals, it was relatively straightforward to integrate the disc-type Diffusive Gradient in Thin Film (DGT) units (Figure 8) because they are capable of sufficient metal uptake over the relatively short time periods expected for the drifter deployments (1-2 days). In this case, the DGTs were easily mounted directly to the drifter frame. However, for hydrophobic organic contaminants such as Polycyclic Aromatic Hydrocarbons (PAHs) and Polychlorinated Biphenyls (PCBs), most passive samplers have exposure requirements that are on the order of weeks, even with the use of performance reference compounds to accommodate sub-equilibrium operation. To accommodate this, we tested a stand-alone pumping system in combination with Performance Reference Compound (PRC)-doped Solid Phase Micro Extraction (SPME) fibers that can provide enhanced response times on the order of 1-2 days (Figure 8). Initial results using a high $K_{ow}$ dye surrogate (Sudan III, log $K_{ow}$ ~ 6-7) showed promising results. The system consists of a battery-operated submersible pump connected to a length of small diameter Teflon tubing where the SPME fibers were placed. Elimination rates were in the range of 1-2 days for ~80% removal of the dye surrogate from the fiber based on pre- and post-extraction spectrometry. We included this

approach during the demonstration as an initial evaluation of the potential for this approach in the field.

To implement the DrEx system, we worked closely with Brightwaters in a phased approach. A commercial prototype was developed based on our specifications and built around their original model 121 drifter system. Following completion, pier-side testing was conducted to verify the operation of the GPS tracking, the Iridium communications, and the water sampling system. Pier-side testing results for the first commercial prototype system are shown in Figure 9. Based on successful testing, nine more units were constructed and were used for the field demonstrations described here.

**Figure 6. Commercial prototype DrEx system.**
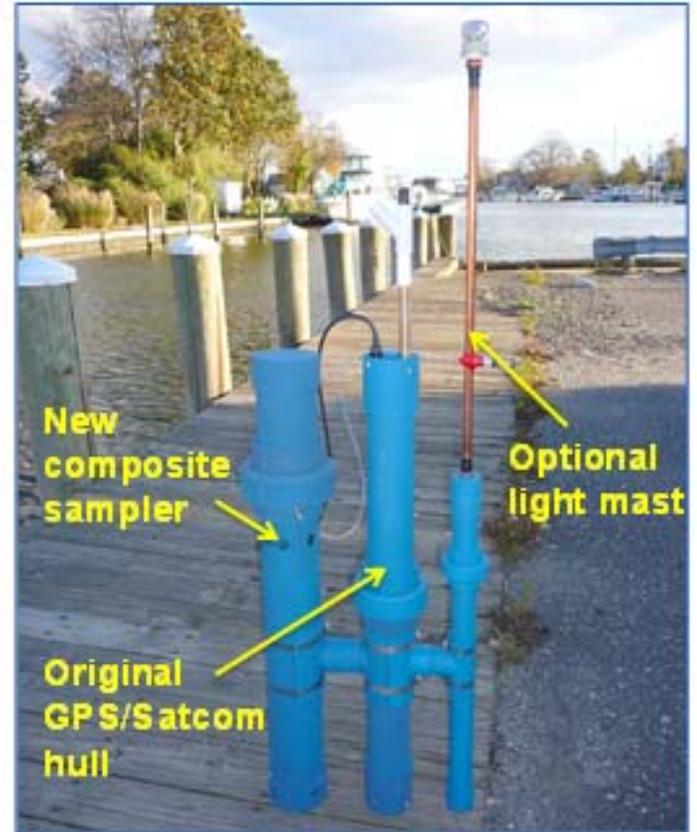
**Figure 7. The Programmable Automatic Water Sampler (PAWS) unit.**

Satcom controlled
sampling pump

5 L
sampling
bag
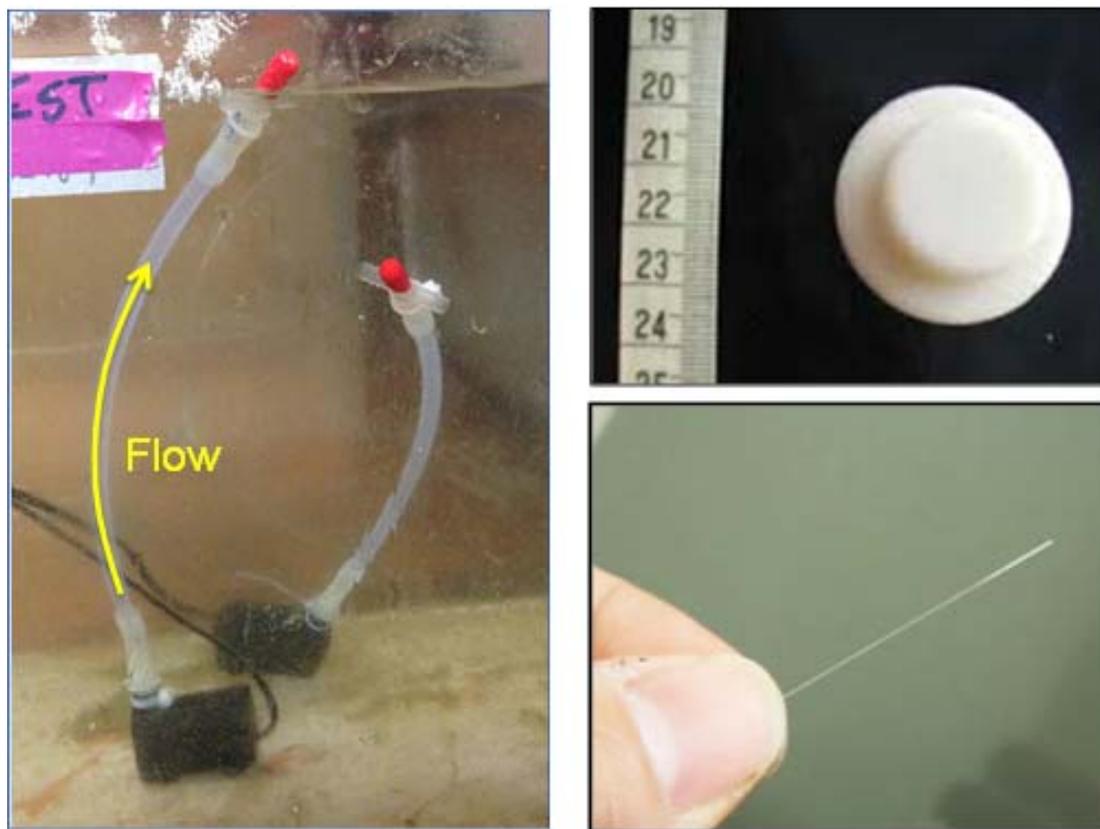
**Figure 8. Passive samplers proposed for use with the DrEx system including disk-type DGTs (upper right) and SPME fibers (lower right), and the prototype battery powered pump used to provide the enhanced flow and rapid equilibration required for the SPME fiber.**
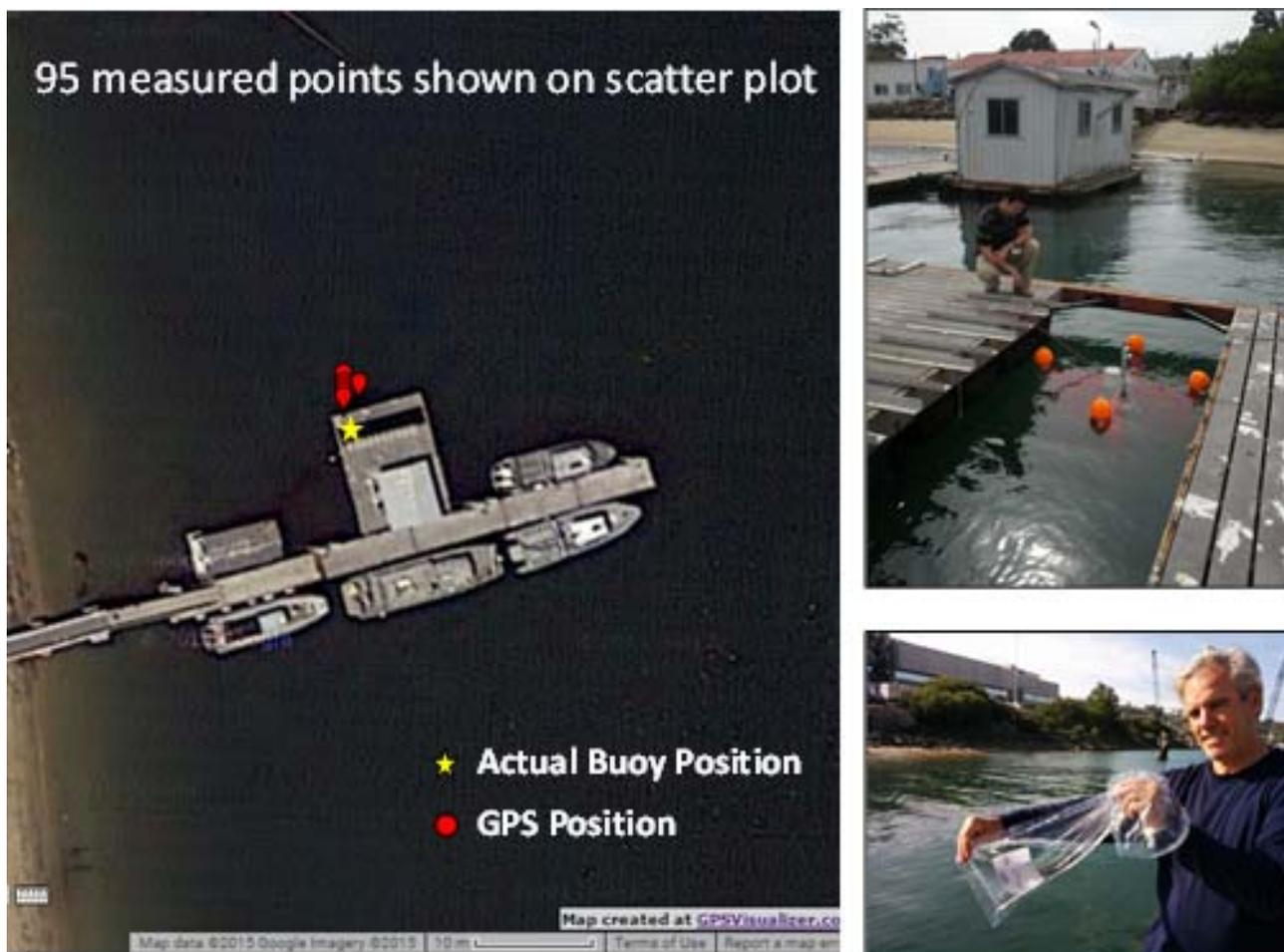
**Figure 9. Pierside testing of the DrEx system showing positioning system results and sample collection testing.**

**Table 1. Specifications for the water sampling unit on the Drifting Exposure system.**

| | |
|---|---|
| Depth rating and pump access. | Watertight case rated for immersion to 2 meters. Access through o-ring seal for maintenance such as peristaltic tubing replacement. Pump input and output routed to bulkhead fittings in endcap. |
| Sampling pump | Peristaltic pump. Speed currently fixed at 30 rpm (approximately 0.5 ml/second with default tubing). |
| Endurance | Dependent on sampling scheme and external power. |
| Sample port | Screened port for sample collection inlet. Mounting location to be determined by end user. |
| Sample tubing | FEP. |
| Sample collection | Up to 5 liter Tedlar or PTFE gas sampling bag. Sample bag housed in free-flooding housing section so overall weight does not change during sample collection. Free-flooding section provides physical shield for sample bag, protecting it from external damage. |
| Power and command interface | Impulse Enterprise MCIL-4-MP 4 pin underwater connector on 0.6 meter pigtail. <br> Pinout: <br> 1) Ground. <br> 2) V+ power supply. <br> 3) PAWS transmit data, RS232. <br> 4) PAWS receive data, RS232. <br> RS232 is at 9600 baud, 8 data bits, 1 stop bit, no parity. |
| Power requirements | 11.4 – 25.2 volts DC, 1 amp wall supply recommended. <br> Typical power consumption at 15 VDC supply: <br> Pumping: 510 mA. <br> Awake: 7.5 mA <br> Asleep: 32 uA. |
| Pump states | Idle, pulsed operation, continuous operation. |
| Pump report | Transmitted every 2 seconds when pumping or awake. <br> Pump state, pump direction, volume count, internal humidity, minimum volume count, maximum volume count. |
| Pump commands | Stop pump, start pump continuous, start pump intermittent, set pump direction, set volume count, set maximum volume, set minimum volume, display firmware version. |
| Dimensions, construction, and weight. | 38 inches high x 5 inches diameter, case closure ring 7 inches diameter. <br><br> External materials appropriate for marine and freshwater deployment: Epoxy paint, PVC and other plastics, 300 series stainless steel hardware. Easy access for servicing pump, tubing, and sampling bags. <br><br> Weight in air with sample bag empty approximately 10 pounds. Approximately neutral buoyancy in water. Shipping weight 15 pounds. |

## 2.1.2  Drifting Particle Simulator

The DPS is based on an integration of the Pacific Gyre Microstar Lagrangian Drifter design with GPS tracking and Iridium satellite communications, and a high resolution depth-control underwater micro-winch (Figure 10). The DPS Drifter tracks water currents at depths of 1 to 20 meters, and is equipped to accommodate a range of additional sensors. The system is configured with a spherical surface float housing the GPS and Iridium satellite communications, a "Holey Sock" subsurface drogue, and is supported by data archival, mapping, web access capabilities. The system is designed to house the underwater micro-winch along the central axis of the subsurface drogue, and maintain adequate drag to drogue ratios for water depths in the range of 1 – 20 meters. A winch system with a surface float connected to the drogue was selected in favor of the original design which envisioned a buoyancy engine and no surface float. Preliminary analysis indicated that control of the vertical settling velocity with the buoyancy engine would be very challenging. In addition, using the surface float allows for constant tracking of the system and development of complete three dimensional trajectories.

The GPS system used on the DPS is a uBlox LEA 6H 50-channel receiver with SBAS capability. The GPS records data onboard as well as sending data via the Iridium system to the Pacific Gyre web server. Onboard data is stored at a rate of once every two seconds. Data are transmitted to the web server at a rate of once every five minutes. The specified accuracy of the LEA 6H is 2.5 meters circular error probable (CEP 50%) without SBAS and 2.0 meter (CEP 50%) with SBAS active. The drogue consists of a collapsible fabric cylinder supported by PVC hoops at each end. A PVC tube along the central axis of the cylinder houses the micro-winch. This tube is connected to the outer portion of the drogue by a series of axial spokes. The size of the drogue can be varied, but the drag characteristics for this application were designed around a drogue with a height and diameter of about 90 cm each. This provides adequate frontal area to overwhelm the drag associated with the surface float and the tether line so that the drifter will predominantly follow the subsurface current at the drogue depth. Performance analysis for the drogue design showed that the surface float position would not be significantly offset (<6 m) from the drogue position in water depths of 10 meters with a current shear up to 1 m/s (Figure 11). This requires a buoyancy for the surface float of about 4 kg which is achievable within the small diameter (20 cm) Microstar surface float.

In combination with the underwater micro-winch, the system provides the ability to use these drifters to mimic the settling velocities of particles by automatically adjusting the depth of subsurface drogue relative to the surface float, allowing for simulation of effective particle settling rates in ocean, river and lake currents. The underwater micro-winch is a small underwater winch that controls the distance between the surface float and the subsurface drogue of the DPS Drifter. To achieve this, the winch includes a spool, line, drive motor, controller, batteries, pressure sensor and bottom-detection sensor. The winch is programed by the user to pay out line at a user-selectable rate in the range of typical particle settling rates. The winch incrementally pays out the line at this rate, lowering the subsurface drogue while sensing the drogue's depth in the water. When the subsurface drogue reaches a user-selectable distance from the bottom, the winch controller activates the winch to reel the subsurface drogue back to the surface (termed "reel-up"). The descent rate can be programmed to mimic effective particle settling rates in the range of the fine silt to sand sized particles that are expected to settle in the relatively near field of the discharge.

To implement the DPS system, we worked closely with the University of California San Diego (UCSD) and Pacific Gyre in a phased approach. An initial prototype was developed by a student design team at UCSD and tested in San Diego Bay. Following this development effort, a commercial prototype was developed base on our specifications and built around the Pacific Gyre Microstar drifter system. The underwater micro-winch was developed under subcontract to Zebra-Tech Ltd. Following completion, pier-side testing was conducted to verify the operation of the GPS tracking, the Iridium communications, and the vertical control system. Pier-side testing results for the first commercial prototype system are shown in Figure 12. Based on successful testing, nine more units were constructed and used for the field demonstrations described here. Technical specifications for the system are shown in Table 2.
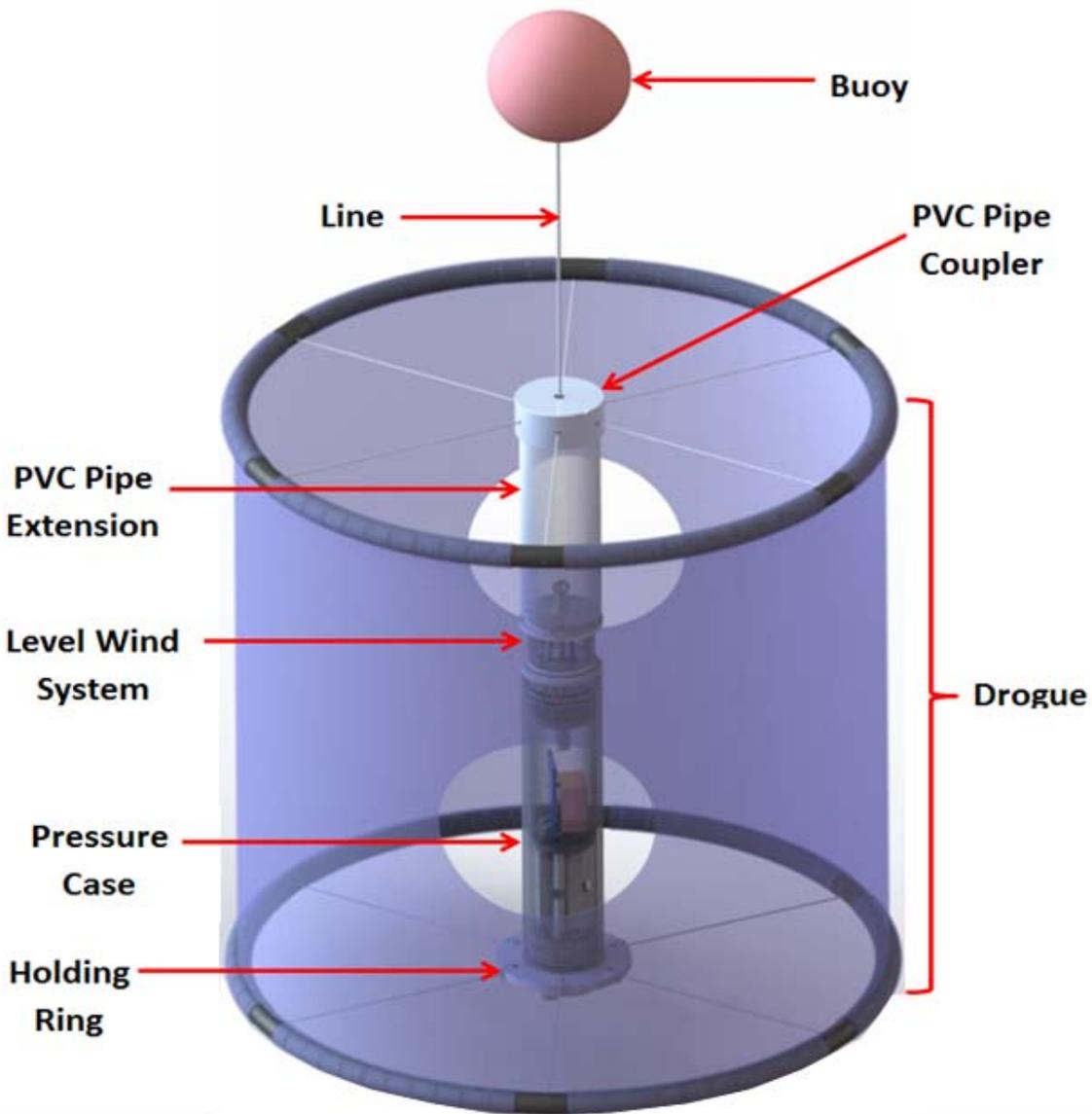


**Figure 10. The commercial prototype DPS system design.**
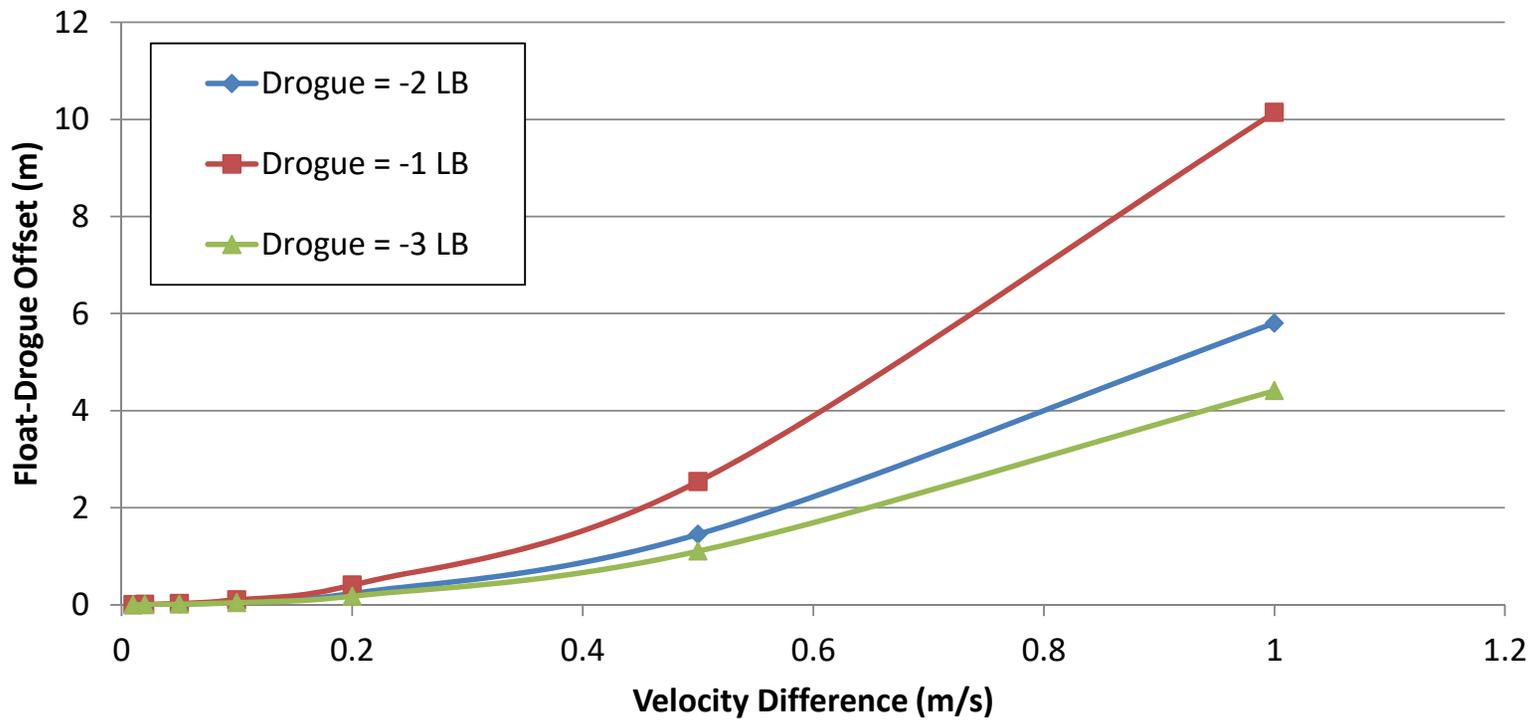
**Figure 11. Predicted float-drogue offset for varying current shear and surface float buoyancy assuming a 10 meter float-drogue separation.**
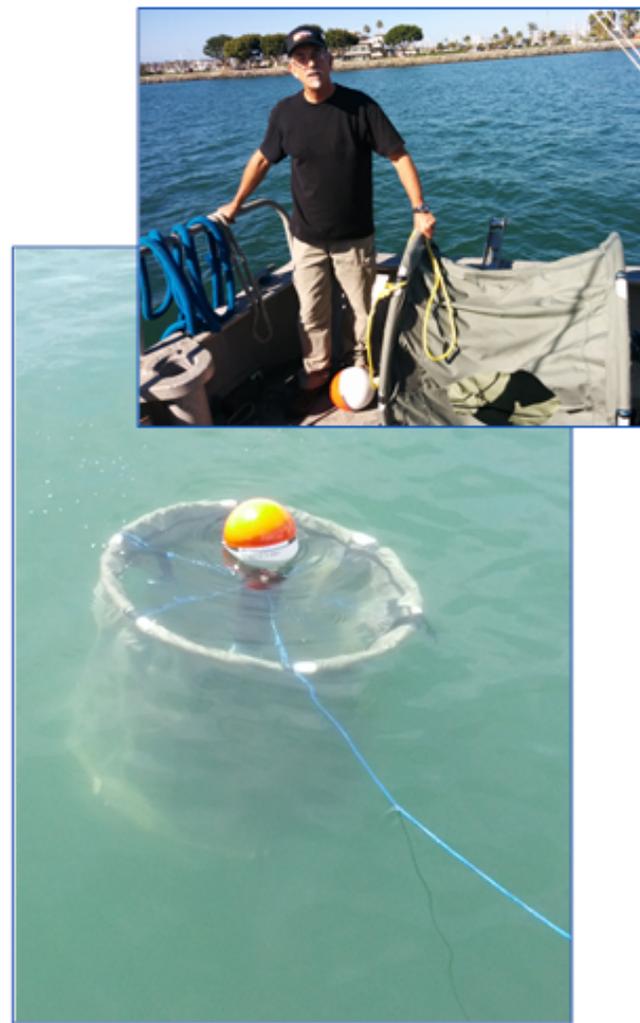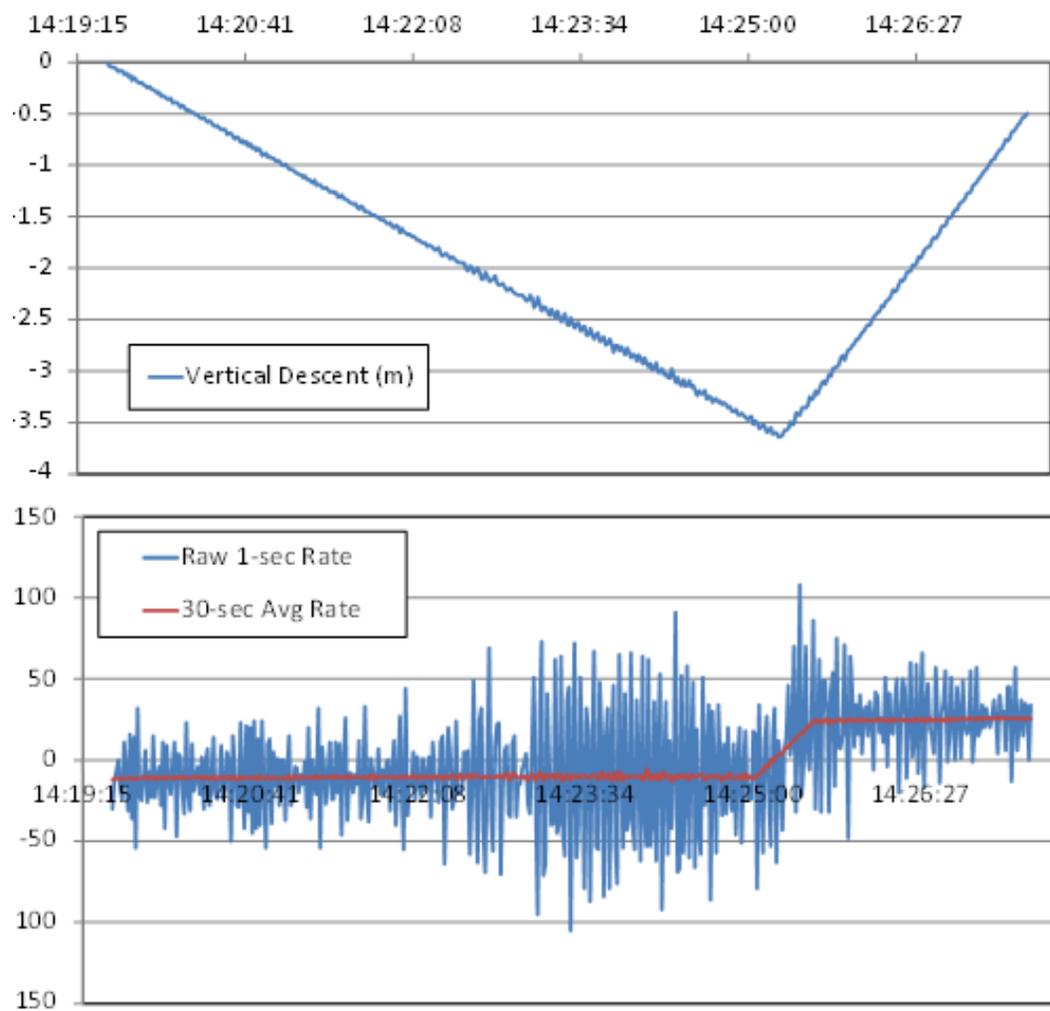
**Figure 12. Prototype and testing results for the DPS system.**

**Table 2. Specifications for the commercial DPS system.**

| | |
|---|---|
| Surface Float Size: | Spherical 20 cm diameter with minimum 50% excess buoyancy |
| Subsurface Drogue Size: | ~90 cm wide by 90 cm deep |
| Telemetry: | Iridium SBD w/ Iridium 9602 Modem |
| Surface Float Sensors: | High-resolution sea surface temperature |
| Winch Maximum Operating Depth: | 40 meters |
| Descent/Ascent Rate: | User selectable 1 to 1500 mm/minute |
| Pressure sensor: | 0-60 meter range with 10 mm accuracy and 30 second averaging period |
| Bottom-detection sensor: | High resolution tilt sensor on adjustable aerial below the drogue |
| Winch battery endurance: | 1500 meters total winch travel (combined ascent/descent) |
| Winch Batteries: | Metal Hydride rechargeable, 9 hour recharge |
| Winch Controller/Logger: | User set start time, target descent rate, distance to bottom for triggering ascent, target ascent rate, pressure averaging period, data logging rate |
| Winch Data Collection: | Off-loadable data file consisting of time (resolution of a second), date, depth and distance to bottom |
| Subsurface Drogue Weight in Water: | Adjustable from negative 0.5-2 kg with ballast |
| Winch Size: | Cylindrical approximately 12 cm diameter by 60 cm long |

### 2.1.3 Sediment Deposition Detector

The SeDep system consists of a standard USGS Load-Cell Scour Sensor provided by Rickly Hydrological Corp. that was modified to incorporate a highly sensitive differential pressure sensor in place of the standard pair of absolute pressure sensors (Figure 13). The Load-Cell Scour Sensor is designed to be sensitive to small changes in sediment load and can measure both scour and deposition as well as variations such as infilling of gravel and cobbles with fine-grained sediment. Previous uses for the sensor include shallow placement in spawning beds of fish for unattended monitoring of deposition, erosion and substrate temperature, monitoring transport of bedforms in experimental flumes, and monitoring scour at bridge piers or similar structures.

The standard load-cell sensor weighs the sediment, water, and air above it, and an accompanying pore-pressure sensor weighs the water and air above it. The difference between the two weights is the weight of the sediment overlying the sensor pair. Published sensitivity and repeatability for the standard system are $\pm$ 3 mm of sediment thickness or less. With the new integration of the differential pressure sensor in place of the standard sensor pair, the depth limit of the system is increased by two orders of magnitude from 3.5 m, to 350 m, and the sensitivity is improved by about 2 orders of magnitude from 3 mm to about 0.05 mm. These improvements were critical to the application of the system for assessment of stormwater events and potential recontamination of the sediment bed. In addition, the standard unit required cables run to shore for monitoring, while the new system incorporates an onboard data logger that can be left at the site for extended periods.

In application, the sensor is buried or jetted into the sediment bed by divers, the sediment trap is staked in about 2 meters away, and the data logger is secured to the stake supporting the trap

(Figure 14). The deeper the sensor is buried, the safer it is from being scoured, the shallower the sensor, the greater the detail that can be determined from closely spaced sensors, but the greater the risk of removal by scour. Typical burial depths for depositional environments are about 5-10 cm. Deposition and/or scour events are monitored over time and a complete times-series is generated. The character of the resulting data sets can provide unprecedented insight into the nature and magnitude of events at the sediment bed including steady and episodic deposition events and scour events related to ship movements or other processes (Figure 15).

The SeDep incorporates a standard sediment trap to allow of collection and analysis of deposited sediments. The sediments traps are mounted on a stake on the sediment bed that also serves as a mounting location for the sensor data logger. Sediment traps are constructed of 6 in. diameter PVC tubing with an aspect ratio of 5:1, for a trap height of 30 inches. The traps are typically covered with a coarse mesh to prevent entrance of macrofauna, and filled with ~4 L of a solution consisting of 50 ppt brine, sodium azide (5%) to prevent biological growth, and Rhodamine dye to exhibit any disturbance of the trap during the deployment. Integration of the sediment traps provides a means of capturing the materials that are depositing on the sensor and characterizing their physical and chemical characteristics to help estimate fluxes. Shallow sediment cores can also be collected in the vicinity for similar analyses.

To implement the SeDep system, we started with a standard system from Rickly Hydrological, and carried out a phased approach of modification, testing and refinement. Two standard USGS Load-Cell Scour sensors were acquired and tested under controlled lab conditions. Differential pressure sensors were then researched and the Omega PX409 was identified as a potential replacement sensor for our targeted range of conditions. A commercial prototype was then developed that incorporates the Omega PX409 as well as the onboard data logger. The commercial prototype was then tested under controlled lab conditions (Figure 16). Initial testing revealed problems with leaks of the soldered connection and the stiffness of the stainless steel membrane used on the load cell. After a number of attempts to correct the leaks and stiffness issues, we decided to switch to a thin polycarbonate membrane adhered with an underwater marine adhesive. These systems were used during the demonstration in Pearl Harbor. After that demonstration, additional problems were identified with both the PX409 and the load cell membranes. Although the systems performed reasonably well during the deployment, the PX409 sensors were subject to corrosion and several of the units were no longer operational after the deployment. In addition, several of the membranes on the load cells became delaminated over the course of the deployment due to a failure of the adhesive. Following the Pearl Harbor deployment, the pressure sensor were replaced with a more robust sensor from Validyne (model P55E-26-2599) and the sensor was fully potted in polyurethane to protect against corrosion and leakage. In addition, the membranes were replaced with a thinner stainless steel foil using an improved soldering technique. This final design was extensively tested, but due to time constraints was not able to be deployed in a full demonstration prior to the completion of the project. Technical specifications for the final SeDep system are shown in Table 3.
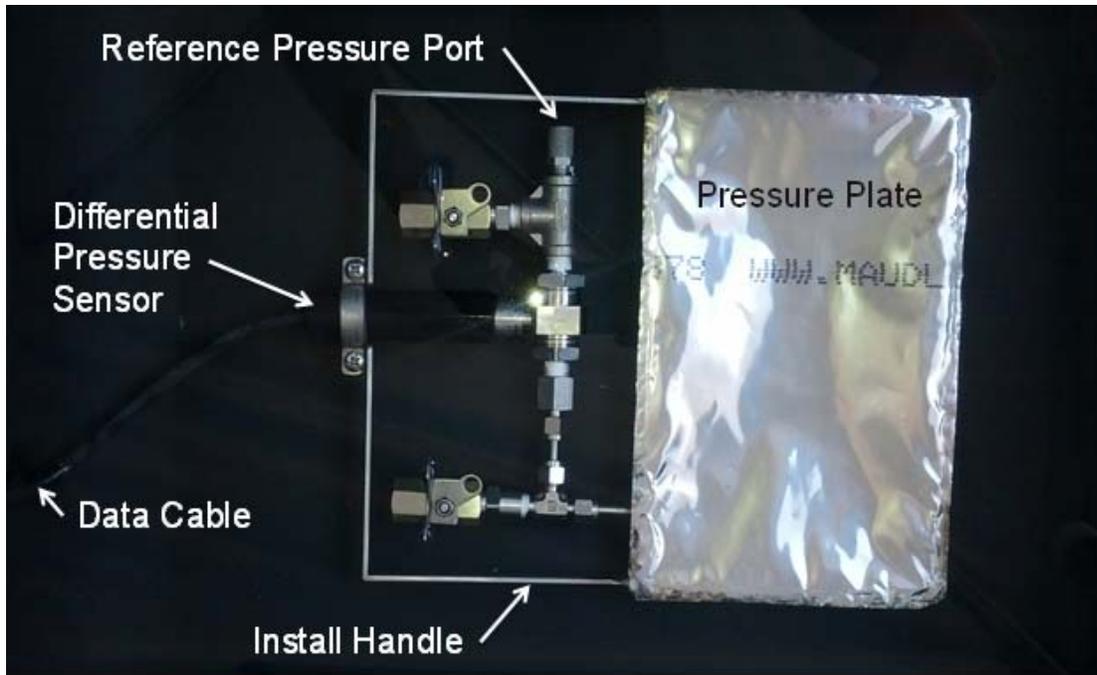
**Figure 13. Commercial prototype SeDep system.**
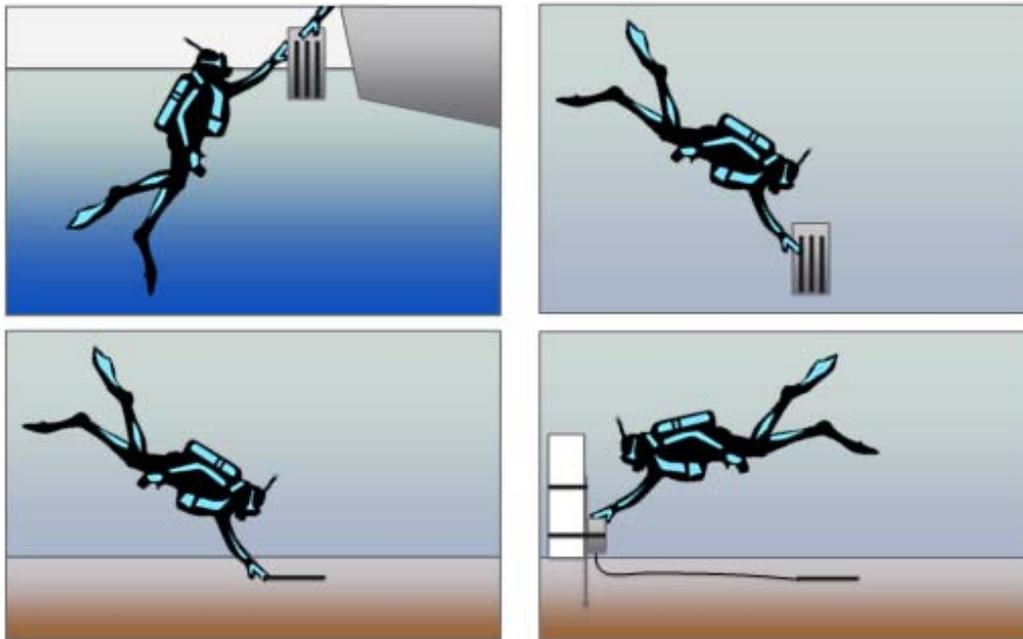


**Figure 14. Diver procedure for installation of the SeDep system.**
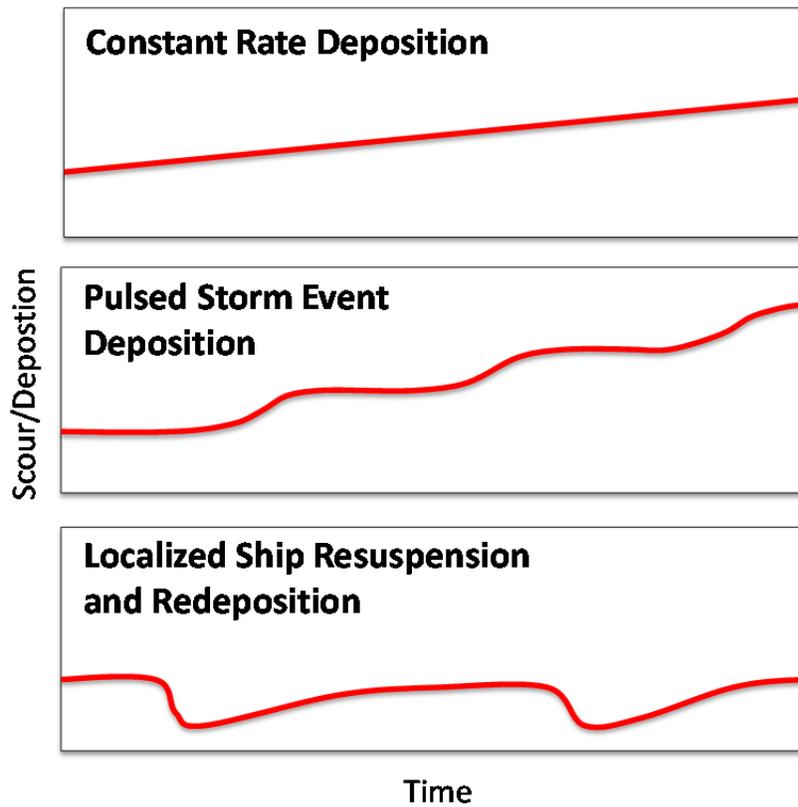
**Figure 15. Hypothetical scour and deposition time series under different sediment transport regimes.**

**Table 3. Specifications for the SeDep sensor system.**

| Pressure Plate Size: | 30 cm X 15 cm |
|---|---|
| Pressure Plate Material: | 316 Stainless Steel |
| Differential Pressure Sensor Range: | 0 - 25 cm $H_2O$ |
| Absolute Pressure Range: | 5 - 1000 psi |
| Accuracy: | 0.08% BSL |
| Temperature Compensation Range: | -17 to 85°C |
| Output Voltage Range: | 0 - 5 V (stepped down to 0-2 V) |
| Data Logger Range: | 0 - 2.5 V |
| Data Logger Resolution: | 16 bit |
| Data Logger Sampling Rate: | At least 1 Hz |
| Data Logger Storage: | Minimum 30 days at 0.2 Hz |
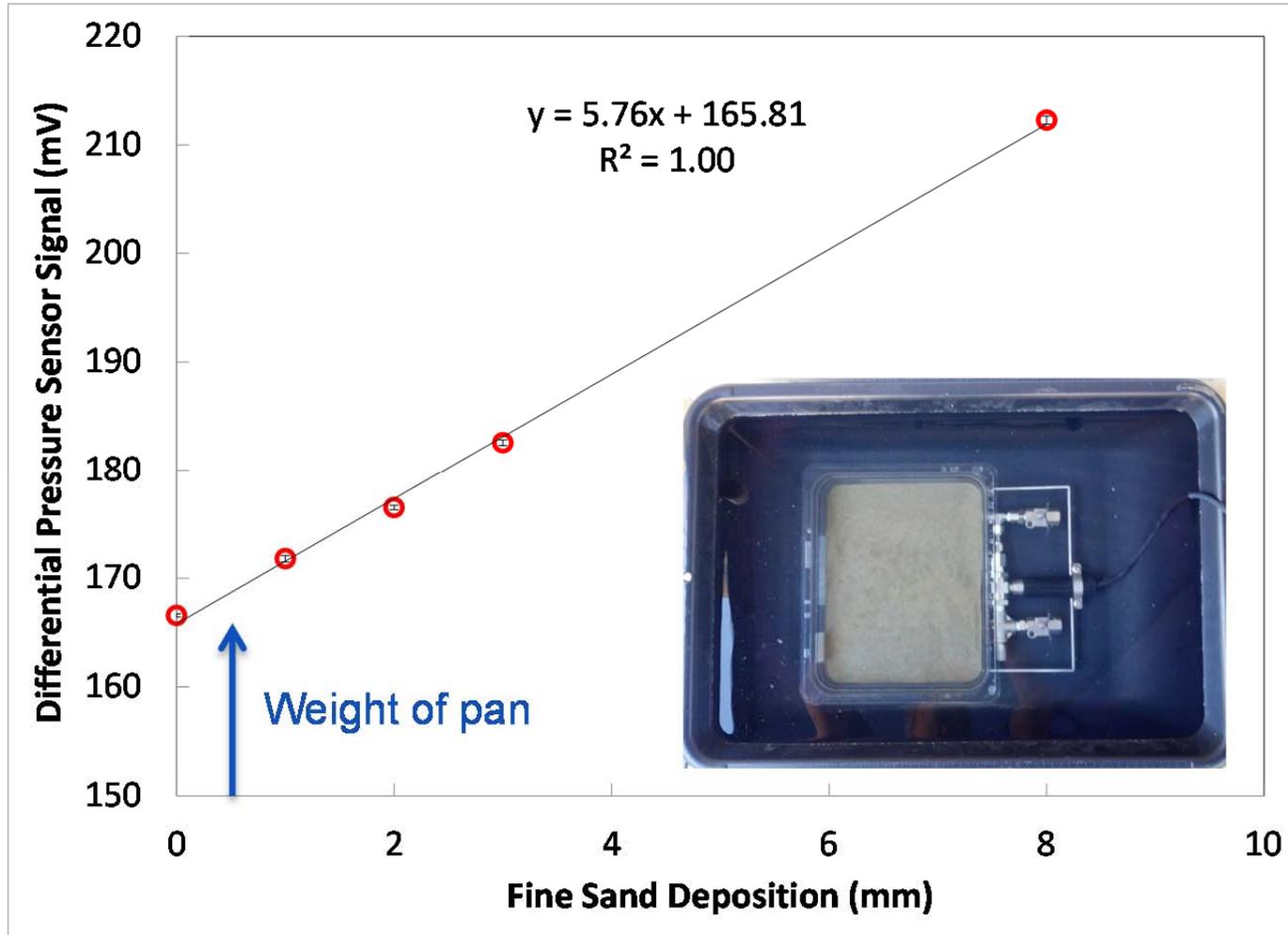
**Figure 16. Test results for the commercial prototype SeDep sensor.**

## 2.2 Advantages and Limitations of the Technology

In general, these technologies are targeted to reduce DoD total ownership costs by (1) avoiding costly BMPs and containment systems targeted toward stormwater discharges based solely on end-of-pipe discharge violations, and (2) avoiding major costs associated with recontamination of remediated sediment sites. These potential cost impacts are significant considering that installations such as Naval Base San Diego are faced with first-flush capture requirements for stormwater that could cost in excess of $100M, and Pearl Harbor is preparing to invest millions in sediment remediation while still faced with potential source control uncertainties. While they have some limitations, overall we expect them to add significantly to our ability to better address these critical issues. Some specific advantages and potential disadvantages of the systems are discussed below.

### 2.2.1   Drifting Exposure System

Current methods for assessing trajectory, exposure and fate of stormwater plumes rely on end-of-pipe sampling, fixed point measurements, and occasionally surface water mapping and modeling. The key advantages of the DrEx system over these current methods are that (1) the system inherently follows the plume without an operator having to try to find the plume, (2) the system provides an integrated measure of the exposure that occurs in the plume which is much more realistic than exposure at the end-of-pipe, (3) multiple units can be deployed to give a general estimate of the trajectory, dispersion and dilution of the plume, (4) the systems report in real time so that they can be easily found and their operation can be adjusted if necessary, and (5) the systems are relatively low cost so that loss of a unit could be accommodated in the implementation strategy.

Potential disadvantages of the DrEx system include (1) the potential for system loss through ship strike or other damage to the pressure hull, (2) potential complexities in application in active DoD harbor areas due to interference with ships, security booms, piers and operations, (3) potential challenges in operating during storm events, and (4) results are limited to the events that are monitored, say compared to a model which could potentially simulate a range of different conditions. System loss is addressed through the real-time communication and tracking capabilities of the system which should help to minimize losses. Conducting field work in active DoD harbors always requires significant effort in providing notifications and planning to minimize interference between the field work and normal operations. Monitoring storm events is always challenging from a timing perspective no matter what method is being used, and this must be minimized through preparation and pre-mobilization and having crews on-call to accommodate changing conditions. Relative to modeling, we view these direct measurements as providing the opportunity to reduce uncertainty with the many assumptions that are required in stormwater modeling, and that the two approaches can be very complimentary when used together in a systematic way.

Along with these advantages and disadvantages, there are certain underlying assumptions associated with the DrEx technology that should be understood during its application and implementation. The primary assumption is that the vertical position of the drogue is matched to the vertical position of the plume. If the plume is very shallow, or if the depth of the drogue is set too deep, the DrEx unit may not move in unison with the plume. In addition, sensor measurements and samples collected under these conditions may not be representative of the

water in the plume. Because the vertical thickness of the plume may not be known *a priori*, and may change during the course of the survey, the best approach is generally to set the drogue as shallow as possible within the limitations of the system. The user should be aware of these assumptions when applying the system.

### 2.2.2 Drifting Particle Simulator

Field methods for assessing the trajectory, exposure and fate of particles associated with stormwater discharges are limited. Previous approaches have included end-of-pipe measurements, fixed point measurements with optical sensors, vertical profiling with optical sensors, and installation of sediment traps. Models have also been used in this application. The key advantages of the DPS system is that is provides a direct measurement approach for mapping out deposition footprints related to these discharges. This direct linkage analysis is not currently available and is very powerful in helping to assess the fate of these particle associated contaminants and their potential to drive sediment recontamination. Specific advantages include (1) the system inherently follows the particle plume without operator intervention, (2) the system provides a complete three dimensional trajectory under complex hydrodynamic conditions that are often difficult to simulate or predict, (3) the system can accommodate different targeted settling rates and thus be tuned to the particle types of interest, (4) multiple units can be deployed to give a general estimate of the trajectory, dispersion and final deposition footprint of the particles, (5) the systems report in real time so that they can be easily found and their operation can be adjusted if necessary, and (6) the systems are relatively low cost so that loss of a unit could be accommodated in the implementation strategy.

Potential disadvantages of the DPS system are similar to those for the DrEx and include (1) the potential for system loss through ship strike or other damage or entanglement of the system, (2) potential complexities in application in active DoD harbor areas due to interference with ships, security booms, piers and operations, (3) potential challenges in operating during storm events, and (4) results are limited to the events that are monitored, say compared to a model which could potentially simulate a range of different conditions. System loss is addressed through the real-time communication and tracking capabilities of the system which should help to minimize losses. Conducting field work in active DoD harbors always requires significant effort in providing notifications and planning to minimize interference between the field work and normal operations. Monitoring storm events is always challenging from a timing perspective no matter what method is being used, and this must be minimized through preparation and pre-mobilization and having crews on-call to accommodate changing conditions. Relative to modeling, we view these direct measurements as providing the opportunity to reduce uncertainty with the many assumptions that are required in stormwater modeling, and that the two approaches can be very complimentary when used together in a systematic way.

In addition to these advantages and disadvantages, there are certain underlying assumptions associated with the DPS technology that should be understood during its application and implementation. The primary assumption is that the drogue movement both vertically and horizontally provides an adequate simulation of the movement of particles. Underlying this assumption are several considerations including the fact that the drogue is much larger than an individual particle, the drogue is programmed to sink at a constant rate, the movement of the drogue can be influenced by the surface float and winch line, and the surface float with the GPS

may not be directly aligned over the drogue. The user should be aware of these assumptions when applying the system.

### 2.2.3  Sediment Deposition Detector

Current methods for measuring sediment deposition associated with stormwater discharge events rely on end-of-pipe monitoring, surface sediment characterization, sediment traps and modeling. The key advantages of the SeDep system over these current methods are that (1) the systems provide a direct time-series measurement of deposition through storm events, (2) the systems are sensitive enough to distinguish small individual events, (3) the character of the time series can help to distinguish deposition from resuspension, (4) the integrated sediment trap can provide material for physical and chemical characterization with the knowledge of if that material was associated with a stormwater deposition event, and (5) the systems are relatively low cost so multiple units can be deployed to address spatial variation.

Potential disadvantages of the SeDep systems are that (1) they require divers for installation, (2) they have a limited track record and are still somewhat developmental, and (3) the sensors only measure mass and don't distinguish particle type. While diver installation can drive up costs and complexity, the systems can be left in place for significant time periods, so a relatively large amount of data can be acquired with limited deployment and retrieval diving requirements. These demonstrations should help to improve our understanding of the field performance under realistic settings. The integration of the sediment traps with the sensors provides a basis for acquiring the physical and chemical data required to supplement the time series deposition data.

# 3 PERFORMANCE OBJECTIVES

Performance analysis focused on the ability of the systems to provide improved exposure, transport and fate assessment for stormwater sources in a cost effective manner. A key aspect of this performance was the ability to improve our understanding of the linkage between this ongoing sources and potential recontamination of sediment. This requires the ability to accurately track the trajectory of the plume and associated particle-bound contaminants, and establish reliable measures of event-based depositional footprints. Performance was measured against performance criteria established in the demonstration plan. Performance objectives for the three technologies are summarized in Table 4 and Table 5.

## 3.1 Drifting Exposure System

For the DrEx system, we established a series of quantitative and qualitative performance objectives. Quantitative objectives focus on tracking accuracy, communications reliability, water sampler performance, and system survivability. Tracking accuracy of the GPS system is important to reliable measurements of the plume trajectory. Reliable data communications are important to the performance of the system in active harbor areas because they allow for real-time tracking without having to utilize extensive boats and crews to follow the drifters. Communications are also important for any modifications to the sampling and for final location and retrieval of the system. An important aspect of the DrEx system is its ability to collect samples during the deployment period. Reliable sample operations are reflected in the proper collection of composite sample volumes based on the programming of the system. Because of the unattended nature of the systems and the complex, harsh and active areas where they will be deployed, survivability is a key performance metric for the systems. Survivability in this case refers to successful mission completion, without major system failures or lost units during field deployments. The primary qualitative performance object for the DrEx was that the drifters reliable track the surface plume of a stormwater discharge release. While this is difficult to determine quantitatively, a number of methods were used to give a quantitative assessment of the plume tracking performance including onboard salinity and temperature measurements, and plume tracking measurements made with water quality instruments from the survey boat during the discharge event.

## 3.2 Drifting Particle Simulator

For the DPS system, we established a series of quantitative and qualitative performance objectives similar to the DrEx but adapted to the particle tracking capability of the system. Quantitative objectives focus on tracking accuracy, communications reliability, settling rate performance, and system survivability. Tracking accuracy of the GPS system is important to reliable measurements of the plume trajectory. Reliable data communications are important to the performance of the system in active harbor areas because they allow for real-time tracking without having to utilize extensive boats and crews to follow the drifters. Communications will also be important for any modifications to the sampling and for final location and retrieval of the system. An important aspect of the DPS system is its ability to simulate the effective rate of settling for discharge related particles during the deployment period. Because of the unattended nature of the systems and the complex, harsh and active areas where they will be deployed, survivability is a key performance metric for the systems. The primary qualitative performance

object for the DPS is that the drifters reliable track the particle plume of a stormwater discharge release. While this is difficult to determine quantitatively, the results were compared qualitatively to results from numerical modeling simulations for the same areas to provide a basis for assessing performance.

## 3.3 Sediment Deposition Detector

For the SeDep system, we established a series of quantitative and qualitative performance objectives. Quantitative objectives focus on deposition detection sensitivity, measurement reliability, and system survivability. Detection sensitivity is important because the goal is to be able to detect relatively small events associated with individual storm related deposition as well as longer term accumulation associated with multiple events. Measurement reliability is important because the sensors will be largely unattended and if they are not reliable then the deposition events may not be captured in the data. Because of the unattended nature of the systems and the complex, harsh and active areas where they will be deployed, survivability is also a key performance metric for the systems. The primary qualitative performance object for the SeDep is that the system be reasonably easy to use in the field. Overly complex or difficult to deploy systems incur higher costs and are less likely to be adopted at actual sites. Details of the performance objectives, supporting measurements, and performance outcomes are provided in Section 6. A brief summary is provided below.

**Table 4. Summary of project quantitative performance objectives and metrics.**

| Performance Objective | Data Requirements | Success Criteria |
|---|---|---|
| Quantitative Performance Objectives | | |
| DrEx System | | |
| Tracking accuracy | GPS accuracy data and statistics during field deployments | <5 m for >90% of the deployment period |
| Communications reliability | Telemetry link data and statistics during field deployments | Reliable position data transmitted >90% of the deployment period |
| Water sampler operation | Sample volume collected over time and at completion | Reliable composite sample with total volume within 10% of target |
| System survivability under field conditions | Data and statistics on successful mission completion, system failures, lost units during field deployments | >80% survivability under field conditions |
| DPS System | | |
| Tracking accuracy | GPS accuracy data and statistics during field deployments | <5 m for >90% of the time the system is at the surface |
| Communications reliability | Telemetry link data and statistics during field deployments | Reliable position data transmitted >90% of the deployment period |
| Settling rate | Depth data from pressure sensor onboard DPS | Accurate settling rate within 10% of target rate |
| System survivability under field conditions | Data and statistics on successful mission completion, system failures, lost units during field deployments | >80% survivability under field conditions |
| SeDep System | | |
| Deposition detection sensitivity | Data from controlled tank testing and field deployments including sediment traps | Sensitivity <1 mm of deposition for typical particle sizes<br><br>Comparable deposition to short term trap results |
| Measurement reliability | Differential pressure data from field deployments | Reliable pressure data collected >90% the deployment period |
| System survivability under field conditions | Data and statistics on successful mission completion, system failures, lost units during field deployments | >80% survivability under field conditions |

**Table 5. Summary of project qualitative performance objectives and metrics.**

| Performance Objective | Data Requirements | Success Criteria |
|---|---|---|
| Qualitative Performance Objectives | | |
| DrEx System | | |
| Surface plume tracking effectiveness | DrEx GPS trajectory data, onboard salinity and temperature sensor data, and MESC plume tracking data | Onboard salinity and temperature signature is consistent with plume characteristics<br><br>DrEx trajectories are consistent with spatial surface plume mapping results |
| DPS System | | |
| Particle plume tracking effectiveness | DPS trajectory data from the GPS and pressure sensors, onboard turbidity sensor data, and MESC particle tracking data from ADCP and profiled sensors | Onboard turbidity signature is consistent with plume characteristics<br><br>DPS trajectories are consistent with spatial particle plume mapping |
| SeDep System | | |
| Ease of installation and retrieval | Feedback from the dive team | Ability to install a typical system array within a reasonable time period of 1-2 days |

**3.4 Quantitative Performance Objectives – Drifting Exposure System**

**3.4.1 Tracking Accuracy**

The DrEx system utilizes an SBAS-corrected onboard GPS to provide accurate tracking of its location and the trajectory of the stormwater plume. GPS accuracy data and statistics were collected during field deployments at Paleta Creek in San Diego Bay. The goal for this performance objective was to demonstrate that the tracking accuracy was <5 m for >90% of the deployment period provided that the SBAS differential system was active. Results based on the Trimble GeoXT GPS measurements showed 90th percentile differences of 4.9 m and 6.4 m for the Jan 5-6, 2016 event and Feb 1 event, respectively. Results from the BadElf GNSS GPS measurements showed 90th percentile differences ranging from 5.4-5.5 m for the Jan 5-6, 2016 event, and 5.0-5.6 m for the Feb 1, 2016 event. While these values and ranges generally slightly exceeded the performance objective, the objective was considered to be met because the results were generally both very consistent and also very close to the objective.

**3.4.2 Communications reliability**

The DrEx system uses the Iridium satellite system to communicate positions and other status and sensor data to the user via the internet. Telemetry link data and statistics for the DrEx were collected during the field deployments at Paleta Creek. The goal for this performance objective was to demonstrate reliable position data transmitted for >90% of the deployment period. Results for communications reliability were evaluated for each of the two survey events. During the Jan 5-6, 2016 event, communications reliability ranged from a low of 59% to a high of 94%, with an overall average of 81%. During the Feb 1, 2016 event, reliability ranged from 34% to 100% with an overall average of 77%. While these levels fall somewhat short of the performance goal, experience during the events indicated that the communications reliability was generally sufficient to provide adequate information on the locations of the drifters throughout the deployments, as well as providing accurate information on the location for the retrieval.

**3.4.3 Water sampler operation**

A novel aspect of the DrEx system is its ability to collect composite samples while tracking the trajectory of the stormwater plume. This capability allows for simultaneous tracking and exposure quantification. To enable this, the DrEx system utilizes a low-flow peristaltic pump controlled by the DrEx unit, connected to a 5 liter sampling bag that contains the sample. Water sampler operation data were collected during the field deployments at Paleta Creek. The goal for this performance objective was to demonstrate reliable composite sample with total volume within 10% of the user specified target. Results for water sampler operations were evaluated for each of the two survey events. For the Jan 5-6, 2016 event, percent differences between the pump estimated volume and the measured volume ranged from 14% to 100% with an overall average of 41%. Large differences were primarily attributable to leaks that developed in the sampling bags after retrieval of the drifters. Considering only the units that were operational and had no leaks, the percent difference had an average of 14%. For the Feb 1, 2016 event, percent differences ranged from a low of 1% to a high of 91% with an overall average of 20%. Prior to this event, outer sleeves were added to protect and support the sampling bags. Only one sampling bag developed a leak during this event (DrEx 109). Eliminating this unit from the analysis, the average percent difference was found to be 12%. In general, for operational units with no leaks, the performance of the sampling system provided good agreement with the post-survey volume

measurements within the range of about 12-14%. While this is slightly higher than the 10% target, it is still adequate to achieve the sampling requirements for the system.

### 3.4.4 System survivability

The DrEx units are designed to be deployed in harbor and coastal areas during storm events. Weather conditions during these events are often extreme, with high winds, rainfall, and waves generated by the storms. System survivability data and statistics on successful mission completion, system failures, and lost units during field deployments were collected during the field deployments at Paleta Creek. The goal for this performance objective was to demonstrate system survivability >80% under field conditions. Two different levels of survivability were evaluated including systems that were successfully retrieved but had significant damage (repair >50% of the system value), and systems that were completely lost or suffered complete loss damage (repair >100% of the system value). Results for system survivability were evaluated for both survey events. For the Jan 5-6, 2016 event, no drifters were lost or sustained major damage. One drifter (109) failed due to a faulty mounting bracket that caused the magnetic switch to deactivate and shutdown the system. This only required a minor repair. For the Feb 1, 2016 event, no drifters were lost or sustained major damage. One drifter (112) lost its conductivity/temperature sensor. The same drifter also had some saltwater flooding to the pump housing for the water sampler. The total damage was estimated to be less than 25% of the drifter value. Overall, the performance objective for system survivability was met because no drifters were lost or sustained major damage.

## 3.5 Qualitative Performance Objectives – Drifting Exposure System

### 3.5.1 Surface plume tracking effectiveness

The DrEx system was designed to provide a method for tracking and sampling the surface plume associated with stormwater discharges. These plumes have complex dynamics associated with the momentum and buoyancy of the plume, and the interaction with ambient tides, currents, winds and waves. The ability of the system to track the plume is important in resolving the plume trajectory under these complex conditions. DrEx GPS trajectory data, onboard salinity and temperature sensor data, and survey boat collected plume tracking data (to the extent possible) were collected during the DrEx field deployments at Paleta Creek. The goal for this qualitative performance objective was to demonstrate that the DrEx units generally tracked the stormwater plume based on the onboard salinity and temperature signature being consistent with plume characteristics. For the Jan 5-6, 2016 event, we evaluated plume tracking based on the onboard sensors and vertical profiles collected along axial transects through the plume at three different time points during the storm. Salinity data from the onboard sensors indicated that the drifters generally stayed within the plume. Vertical profile transects also indicated that the drifters generally stayed within the plume. For the Feb 1, 2016 event, we evaluated plume tracking based on the onboard sensors and surface water mapping conducted at one time point during the storm event. Salinity data from the onboard sensors indicated that the drifters generally stayed within the plume. The surface water mapping transect also indicated that the drifters generally stayed within the plume. Overall, the performance evaluation for the surface plume tracking effectiveness indicated that the success criteria were met.

### 3.6 Quantitative Performance Objectives – Drifting Particle Simulator System

#### 3.6.1 Tracking Accuracy

The DPS system utilizes an SBAS-corrected onboard GPS to provide accurate tracking of its location and the trajectory of the stormwater plume. GPS accuracy data and statistics were collected during field deployments at Pearl Harbor. The goal for this performance objective was to demonstrate that the tracking accuracy was <5 m for >90% of the deployment period. For the March12-13, 2016 event at Oscar pier, a total of 62 verification measurements were collected with the Trimble Geo-XT. The $90^{th}$ percentile difference in the position between the DPS and the Trimble was 3.4 m. For the October 28-29, 2016 event at Waiau, a total of 28 verification measurements were collected with the Trimble Geo-XT. The $90^{th}$ percentile difference in the position between the DPS and the Trimble was 4.8 m. The results indicate that the success criteria for the DPS tracking accuracy performance objective was met.

#### 3.6.2 Communications reliability

The DPS system uses the Iridium satellite system to communicate positions and other status and sensor data to the user via the internet. Telemetry link data and statistics for the DPS were collected during the field deployments at Pearl Harbor. The goal for this performance objective was to demonstrate reliable position data transmitted for >90% of the deployment period. For both DPS survey events, the communications reliability averaged 100%. Thus the success criterion for this performance objective was met.

#### 3.6.3 Settling Rate

The DPS system simulates particle settling using an underwater micro-winch to mimic the settling velocities of particles by automatically adjusting the depth of subsurface drogue relative to the surface float. Settling rate data were collected from the pressure sensor onboard the DPS units. The goal of this performance objective was to demonstrate accurate settling rates within 10% of target rate. The target settling rate for both survey events was 34 mm/min. For both events, the average percent difference from the target settling rate was less than 0.0%. Thus the success criterion for the settling rate performance objective was met.

#### 3.6.4 System survivability

The DPS units are designed to be deployed in harbor and coastal areas where exposure to harsh conditions is likely. System survivability data and statistics on successful mission completion, system failures, and lost units during field deployments were collected during the field deployments at Pearl Harbor. The goal for this performance objective was to demonstrate system survivability >80% under field conditions. Two different levels of survivability were evaluated including systems that were successfully retrieved but had significant damage (repair >50% of the system value), and systems that were completely lost or suffered complete loss damage (repair >100% of the system value). For the Mar 12-13, 2016 event, no DPS units were lost, and one DPS unit sustained major damage. System survivability for this event was thus 90%. For the Oct 28-29, 2016 event, no drifters were lost or sustained major or minor damage. System survivability for this event was thus 100%. Overall, the performance objective for system survivability was met.

### 3.7 Qualitative Performance Objectives – Drifting Particle Simulator System

#### 3.7.1    Particle plume tracking effectiveness

The purpose of the DPS system is to simulate the trajectories of settling particles in complex hydrodynamic environments and identify the spatial footprint of deposition that is linked to a specific discharge or release point. For this reason, the ability of the systems to track a particle plume is a key objective of the technology. Data on plume tracking was originally expected to be collected in the field when the DPS units were released during stormwater discharge events. However, the logistics of releasing the units during events proved to be difficult with limited storm events, long-distance travel to Pearl Harbor and obtaining permission for releases on short notice at the installations. As an alternative, we collected the DPS trajectory data during the field demonstrations in Pearl Harbor, and then compared those results to simulations from the available hydrodynamic model for releases at the same locations under the same conditions. The goal for this performance objective was to show that DPS units provide a qualitatively similar estimate of particle trajectories and deposition footprints as other available approaches. For the Mar 12-13, 2016 event, the two methods show good agreement, with the DPS bottom contacts generally falling within the areas where the model showed the majority of deposition associated with silt particle release from Oscar Pier. Similar results were found for the Oct 28-29 event. On the basis of these qualitatively similar results, we concluded that the success criterion for this performance objective was met.

### 3.8 Quantitative Performance Objectives – Sediment Deposition Detector

#### 3.8.1    Deposition Detection Sensitivity

The SeDep uses a precision differential pressure sensor to detect sediment deposition and scour. To quantitatively test the sensitivity of the system in the lab, SeDep units were submerged in a test tank and known weights were added to the pressure plate in the form of thin sheets of rubber. The goal for this performance objective was to demonstrate that the sensitivity of the SeDep was equivalent to <1 mm of sediment deposition. Testing of the original SeDep systems using the Omega sensors showed minimum detection limits (MDLs) for thickness ranging from 0.008 to 0.014 mm with an overall average of 0.012 mm. This level of detection sensitivity was well below the success criteria. However, the sensors were found to have two issues during longer deployments in the field. First, the sensors had a tendency to drift, requiring weight tests before and after the deployment and detrending of the field results. Second, the sensors were found to corrode and several units became inoperable shortly after the first long field deployment. Based on these findings, an improved sensor (Validyne) was identified, tested, and incorporated into the system. Time constraints on the project limited the full integration and application of these new sensors. However initial lab and field testing indicated that the primary issues with the original sensors were resolved. Overall, the success criterion for this performance objective was met.

#### 3.8.2   Measurement Reliability

The SeDep collects differential pressure data continuously at a rate of once every two seconds over periods of days to months. Data for measurement reliability were obtained from differential pressure data during the field deployments in Pearl Harbor. The goal for this performance objective was to demonstrate reliable pressure data collected >90% of the deployment period. Reliability ranged from 87% to 100% for the ten units, with an overall average of 97%.

Reliability less than 100% occurred for three units due to failure of the adhesive that was used to secure the pressure plate membrane. On the basis of these results, we concluded that the success criterion for the measurement reliability performance objective was met.

### 3.8.3   System survivability

The SeDep units are designed to be deployed in harbor and coastal areas where exposure to harsh conditions is likely. System survivability data and statistics on successful mission completion, system failures, and lost units during field deployments were collected during the field deployments at Pearl Harbor. The goal for this performance objective was to demonstrate system survivability >80% under field conditions. Two different levels of survivability were evaluated including systems that were successfully retrieved but had significant damage (repair >50% of the system value), and systems that were completely lost or suffered complete loss damage (repair >100% of the system value). During and following the Pearl Harbor deployment, two issues occurred that impacted the system survivability performance. During the deployment period, the pressure plate membrane on three of the units (3,7 and 10) failed, leading to a loss of pressure difference signal. This failure was considered minor damage because replacement of the membrane is a relatively small cost as a percentage of the entire system (about 10%). After recovery, the units were tested and post-survey weight calibrations were performed successfully. However, about 5 weeks after the recover, it was discovered that five of the pressure sensors (1,3,4,6, and 9) had failed, apparently due to corrosion that had taken place inside of the sensing element. Based on these failures, combined with the sensor drift issue identified for the Omega sensors, we elected to replace the Omega sensors with an improved sensor from Validyne. To further reduce potential issues with corrosion, we also fully sealed the new sensors in polyurethane. Initial pier-side testing indicates that these improvements have successfully addressed the survivability and stability issues identified during the Pearl Harbor deployment, although long-term deployments are still needed to verify the robustness of the new configuration. Overall, the survivability success metric was not met, however, the issues that were identified have been addressed.

### 3.9 Qualitative Performance Objectives – Sediment Deposition Detector

### 3.9.1   Ease of installation and retrieval

The SeDep system provides a unique capability to monitor a continuous time series of sediment deposition at a fixed location while simultaneously capturing samples for subsequent physical and chemical analysis. A key aspect of the acceptance of the technology is that it be relatively easy to install and retrieve so that a reasonable number of samplers can be used to monitor the area of interest. Data to assess the ease of installation and retrieval was collected based on field logsheets and feedback from the field and dive teams. The goal for this performance objective was to demonstrate the ease of installation and retrieval for the SeDep system, and the ability to install or retrieve a typical system array within a reasonable time period of 1-2 days. The ease of installation and retrieval was evaluated during the Pearl Harbor demonstration. The divers reported that the deployments were straightforward and the only difficulties that were encountered were deployment into an area containing coral rubble mixed with sediment that made it difficult to properly embed the SeDep unit into the bottom. Retrieval of the systems was also uneventful. The overall retrieval rate was 10 stations in less than 3 hours for a retrieval rate

of about 3.3 stations/hour. Overall, the success criteria for the ease of installation and retrieval performance objectives were met.

# 4   SITE DESCRIPTION

A detailed Site Selection Memorandum was prepared as part of this project and is available on request. The sites are briefly described below. The project was initially structured around two demonstrations with the first demonstration focusing on surface plume tracking with the DrEx systems for stormwater or other releases where an understanding of the plume trajectory and the exposure that occurs in the plume are key objectives. The second demonstration focused on tracking of the fate of particles associated with discharge plumes from ongoing sources and their potential impacts to sediments and sediment remedies using the DPS and SeDep systems. For the first site, we selected Naval Base San Diego (NBSD) with a focus on the surface water discharge plume from Paleta Creek. For the second site, we selected Joint Base Pearl Harbor Hickam (JBPHH) with a focus on potential ongoing sources in the area of Oscar Pier in the Entrance Channel portion of Pearl Harbor. During the course of the project, another opportunity arose to utilize the DPS system at a second site in Pearl Harbor at the former Navy Drum Storage site adjacent to the Waiau Power Plant Area.

## 4.1 Demonstration 1: Naval Base San Diego – Paleta Creek

Naval Base San Diego is the principal homeport of the Pacific Fleet, consisting of 46 Navy ships, one Coast Guard cutters, seven Military Sealift Command logistical support platforms, several research and auxiliary vessels. NBSD is home to 213 individual commands, each having specific and specialized fleet support purposes. NBSD proper is comprised of over 1,600 land acres and 326 acres of water. The wetside of NBSD consists of the Bay front area west of Harbor Drive. The dryside consists of the community facilities complex east of Harbor Drive. The wetside is intensively developed and supports waterfront operations, ship berthing and maintenance, station maintenance, training, administration, and logistics functions. Operational facilities include piers, quay walls, small craft berthing facilities, fueling facilities, armories, and waterfront operations buildings. NBSD contains 13 berthing piers, a mole pier, two channels, and various quay walls that have a total shoreline measurement of approximately 5.6 miles.

Paleta Creek is a small urban creek that flows episodically from National City, CA through NBSD into San Diego Bay (Figure 17; California Regional Water Quality Control Board - San Diego Region, 2013). Paleta Creek is a highly channelized creek with the highest flow rates associated with storm events and highly variable flows for the rest of year. Extended periods with no surface flows occur during dry weather, although pools of standing water may be present. It is one of six watercourses that feed into San Diego Bay and is part of the Pueblo San Diego watershed. The watershed is ~2160 acres and is highly urbanized, with commercial and industrial land uses dominating the shoreline around the bay (Table 3; Figure 9). The land uses incorporating the largest acreage (and percent of area) in the watershed includes: low density residential, roads/freeways, military, high density residential, commercial institutional, and open space/recreation. Much bayside property is owned and operated by the U.S. Navy, and although the Navy owns only a small percentage of the watershed, they submerged lands within the creek mouth are within the Navy property line. San Diego Bay where the creek discharges is also valued as a wildlife habitat and refuge for migratory and estuarine birds, endangered species, marine mammals, and as a spawning area for near-shore marine fishes. In addition, San Diego Bay supports many recreational uses including swimming, sailing, sport fishing, and recreational boating.
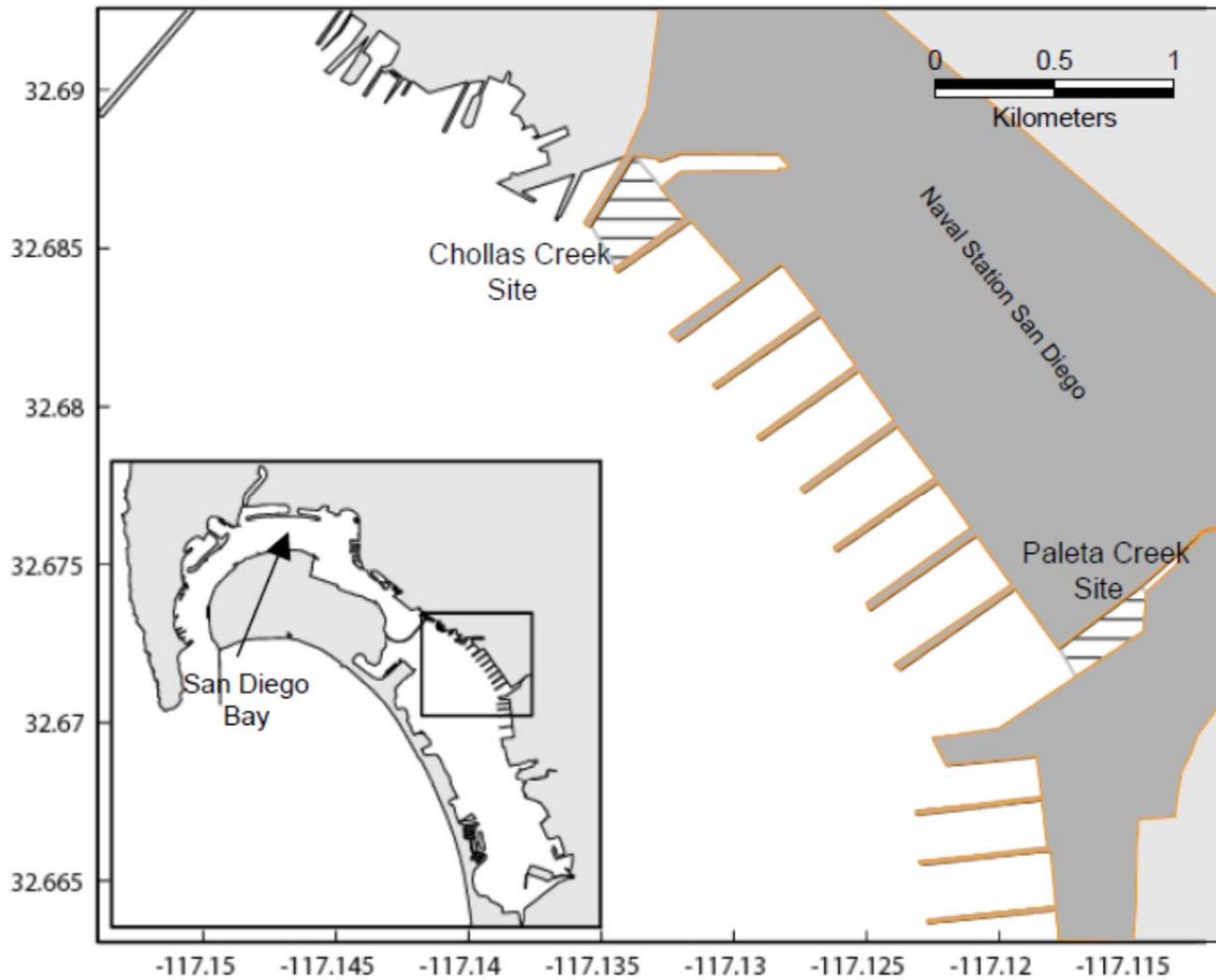
**Figure 17. Location map of the Paleta Creek Site (adapted from SCCWRP and SPAWAR, 2005).**

**4.2 Demonstration 2: Joint Base Pearl Harbor Hickam – Oscar Pier**

Pearl Harbor is a delta-shaped natural estuary located on the south-central coast of the island of Oahu, Hawaii (Figure 18). The harbor's 36 miles of linear shoreline encompass approximately 5,000 acres of surface water within four major lochs (West, Middle, East, and Southeast) and a dredged navigation channel that opens to the Pacific Ocean to the south. It is situated at the south end of the central Oahu plain, which separates the island's two mountain ranges: Waianae on the west and Koolau on the east. Pearl Harbor is a natural trap, or sink, for sediments and chemicals present in approximately 110 square miles of watershed, or 20 percent of Oahu's land surface. Pearl Harbor is a major fleet homeport for nearly 40 warships, service force vessels and submarines, and associated support, training, and repair facilities. In October 2010, Naval Station Pearl Harbor merged with adjacent Hickam Air Force Base into JBPHH. JBPHH occupies the majority of the land area immediately surrounding Pearl Harbor, and approximately 75 percent of the harbor shoreline lies within its boundaries. The base incorporates the following major activities: Naval Station Pearl Harbor, Naval Submarine Base, Hickam Air Force Base, Naval Supply Systems Command Fleet Logistics Center, Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility, Naval Facilities Engineering Command Hawaii, JBPHH West Loch Annex, and the Naval Sea Systems Command Detachment/Naval Inactive Ship Maintenance Facility.

Oscar Pier is located in the Entrance Channel of Pearl Harbor (Figure 19). The pier extends from the southeast to the northwest along the western portion of shipyard area adjacent to Drydock 4. The pier area is actively supporting shipyard operations at JBPHH. NPDES discharges are present near the entrances to Drydocks 4, and stormwater discharge points line the perimeter of Oscar pier, draining the adjacent areas of the shipyard and the base. Most of the drainage areas are industrial and dominated by buildings and paved impervious surfaces although there are some recreational, residential and open spaces in the area as well.

**Figure 18. Pearl harbor site map (adapted from U.S. Navy, 2015).**

**Figure 19. Vicinity of Oscar Pier showing the shipyard and repair basins along the shoreline (Image © Google 2016, Imagery date 1/29/2013).**

**4.3 Demonstration 3: Joint Base Pearl Harbor Hickam – Waiau Power Plant Area**

The study area for the additional DPS survey was focused in the vicinity of the Waiau Power Plant. This area is designated for sediment remediation as decision unit DU E-2 (Figure 20) where the contaminant of concern is Total PCBs. DU E-2 is located along the northwest shoreline of East Loch, off the Waiau Power Plant, and is composed of two sub-areas: a deeper water sub-area east of the sheet piling groin structure extending out from the power plant, and a smaller sub-area located near the west end of the power plant property. The main power plant discharge outfall is located east of the groin structure, in the primary sub-area of the DU. A residential area lies adjacent to the eastern portion of the DU and the former Navy Waiau Drum Storage Facility site was located to the east of the residential area in what is now Neal S Blaisdell Park (Figure 21). Potential contaminant sources in DU E-2 include point and non-point sources from surrounding commercial/industrial properties. Contaminant distribution data suggest that surface water runoff and/or the storm drain outfall associated with the Waiau Power Plant are the primary contaminant sources for DU E-2. Available evidence and contaminant distributions indicate that previous or current Navy activities have not contributed to the PCB contamination reported for this DU. However, recently, concerns have been raised with respect to potential historical releases from the former Waiau Drum Storage Facility site located to the east of DU E-2. Historical drawings and aerial photographs indicate the potential operation of an oil-water separator (OWS) at the southwest corner of the site. There is speculation that this OWS may have had a discharge path via a pipe leading southward into Pearl Harbor. Determining whether or not there is a likely hydrodynamic connectivity between the presumed outfall location and the contamination at DU E-2 will help to understand the potential influence of this suspected historical source area.
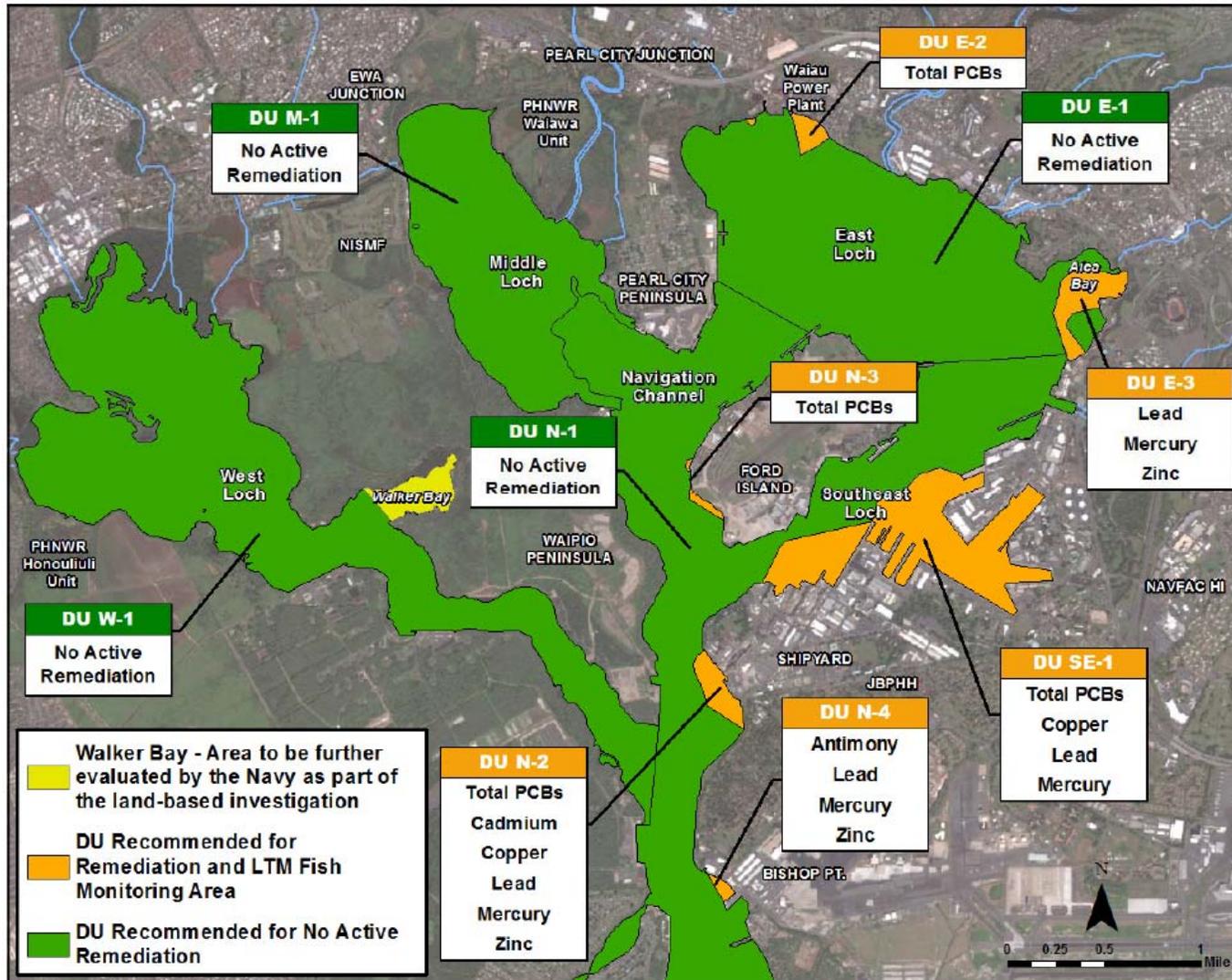
**Figure 20. Map of the Pearl Harbor Sediment site decision units showing the location of DU-E2 (US Navy, 2016).**

**Figure 21. Relationship of the Former Waiau Drum Storage Facility to the Waiau Generating Station (Image © Google 2016, Imagery date 1/29/2013).**

# 5  TEST DESIGN

The project followed an approach that consisted of five primary tasks (Figure 22). Task 1 focused on system integration and testing for the three technologies. Task 2 was focused on planning including site selection and development of the demonstration plan. Subsequent Tasks 3-4 entailed the execution of the field demonstrations, and Task 5 encompassed the performance and cost analysis based on the demonstrations. Specific aspects of the experimental design for the field demonstrations are detailed below.

## 5.1 Conceptual Experimental Design

The project incorporated three demonstrations. The focus of the first demonstration was on surface plume tracking and took place at NBSD. The second and third demonstrations focused on particle deposition tracking and took place at JBPHH. Conceptual designs for each of the demonstrations are described below.

### 5.1.1  Field Demonstration 1: Naval Base San Diego – Paleta Creek

The first field demonstration focused on the DrEx system at a NBSD where stormwater exposure is a concern from a compliance perspective as well as a recontamination perspective. In this demonstration, we deployed a set (10) of DrEx units at the discharge point of Paleta Creek, a small urban/industrial creek that drains through NBSD. The deployments were timed to occur with the first flush (30 minutes) of two significant storm events (predicted rainfall >0.2 inches). The systems were tracked while the sensor data, composite samples, and passive samples were collected to quantify trajectories and exposures over a period representative of the plume dispersion time (6-12 hours). Tracking was conducted from a small boat using the satellite tracking system and online data access that are part of the DrEx system. Provisions were made for units that become fouled with the shoreline or other obstacles. At the end of the deployment, the units were retrieved, the data downloaded, and the composite and passive samples processed. Composite samples were analyzed for key physicochemical parameters including temperature, salinity, total suspended solids (TSS), pH, metals (copper, zinc, lead) and organics (PAHs, Pesticides and PCBs). Samples were also evaluated using standard laboratory toxicity tests. A conceptual model for the demonstration is shown in Figure 23.

### 5.1.2  Field Demonstration 2: Joint Base Pearl Harbor Hickam – Oscar Pier

For the second demonstration, we targeted application of the DPS and SeDep systems for tracking particle deposition associated with potential sediment recontamination. This demonstration was planned for stormwater outfalls in the vicinity of Oscar Pier within the Entrance Channel at JBPHH adjacent to targeted sediment cleanup units. In this demonstration, we deployed DPS units at the discharge point of the target source to simulate particle trajectories. These deployments were made in the absence of a storm event to evaluate the general depositional footprint associated with tidal transport away from the outfall area. The underlying assumption was that the momentum of the discharge is quickly dissipated, and the transport was tidally dominated. Tracking was conducted from a small boat using the satellite tracking system and online data access that are part of the DPS system. Provisions were made for units that become fouled with the shoreline or other obstacles. Based on results from this initial phase, we

placed SeDep units in a distributed pattern throughout the estimated depositional footprint. These were left in place through the course of 2-3 stormwater discharge events. At the end of the deployment, the units were retrieved, the data downloaded, and the SeDep samples processed for analysis of physical and chemical characteristics. A conceptual model for the demonstration is shown in Figure 24.

### 5.1.3  Field Demonstration 2: Joint Base Pearl Harbor Hickam – Waiau Power Plant Area

For the third demonstration, an additional opportunity arose for a targeted application of the DPS system for tracking particle deposition associated with a potential historical contaminated source. This demonstration was planned for the presumed historical Navy OWS outfall offshore from the former Navy Waiau Drum Storage Facility site in what is now Neal S Blaisdell Park. In this demonstration, we followed a similar approach to the conceptual approach at Oscar Pier but with no SeDep deployments. DPS units were released at the discharge point of the target source to simulate particle trajectories. During these events, the DPS systems were tracked to quantify the three dimensional trajectories and deposition footprints over a period of 12-24 hours or as required for the units to reach the bottom. Tracking was conducted from a small boat using the satellite tracking system and online data access that are part of the DPS system. Provisions were made for units that become fouled with the shoreline or other obstacles. At the end of the deployment, the units were retrieved and the data downloaded. A conceptual model for the demonstration is shown in Figure 25.
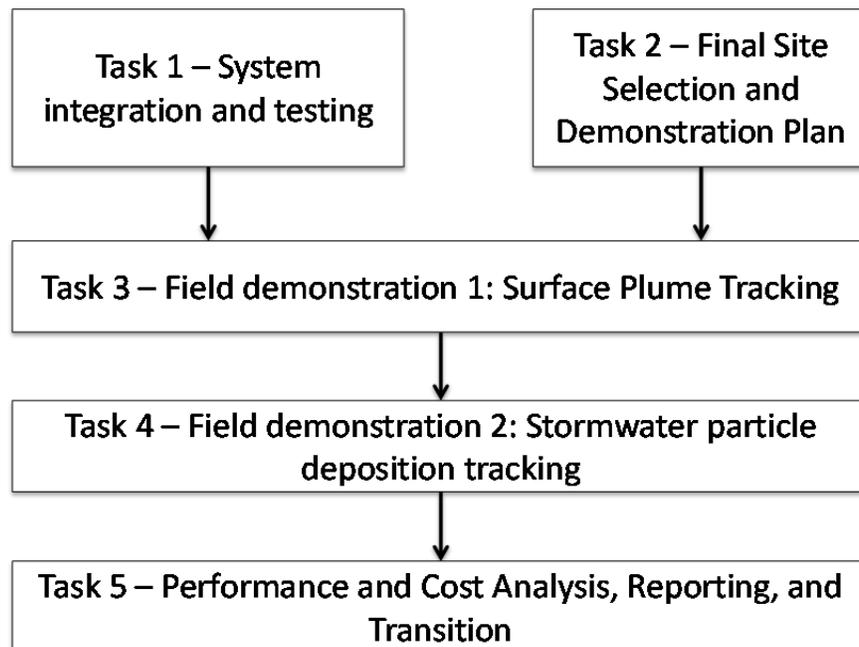


**Figure 22. Flow diagram for the project approach.**
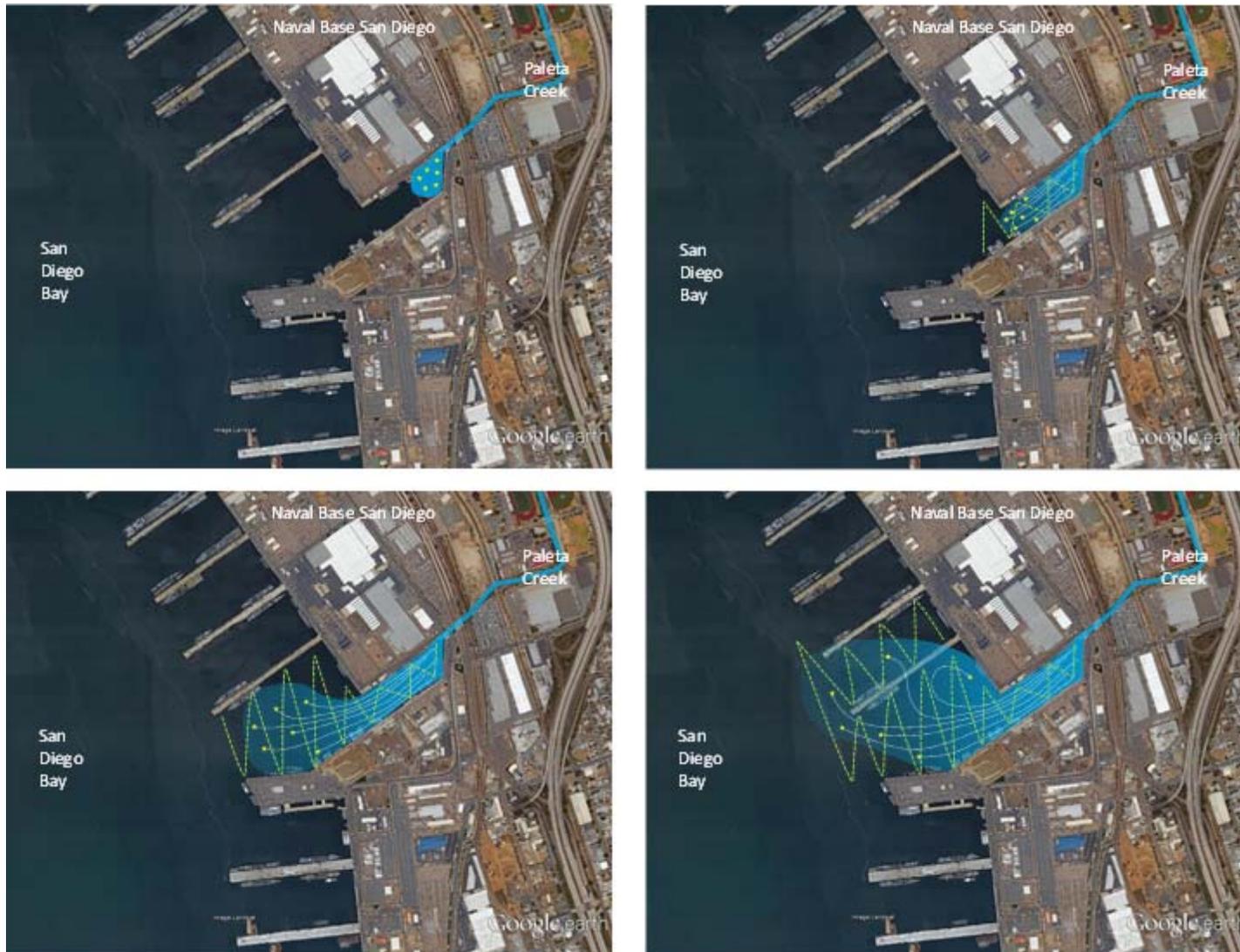
**Figure 23. Conceptual diagram of the DrEx demonstration approach with surface drifters released in the first-flush event at Paleta Creek and tracked of the course of the storm (yellow stars and white trails). Surface water mapping will be performed in the plume area to verify the tracking of the plume by the drifters (green track lines).**
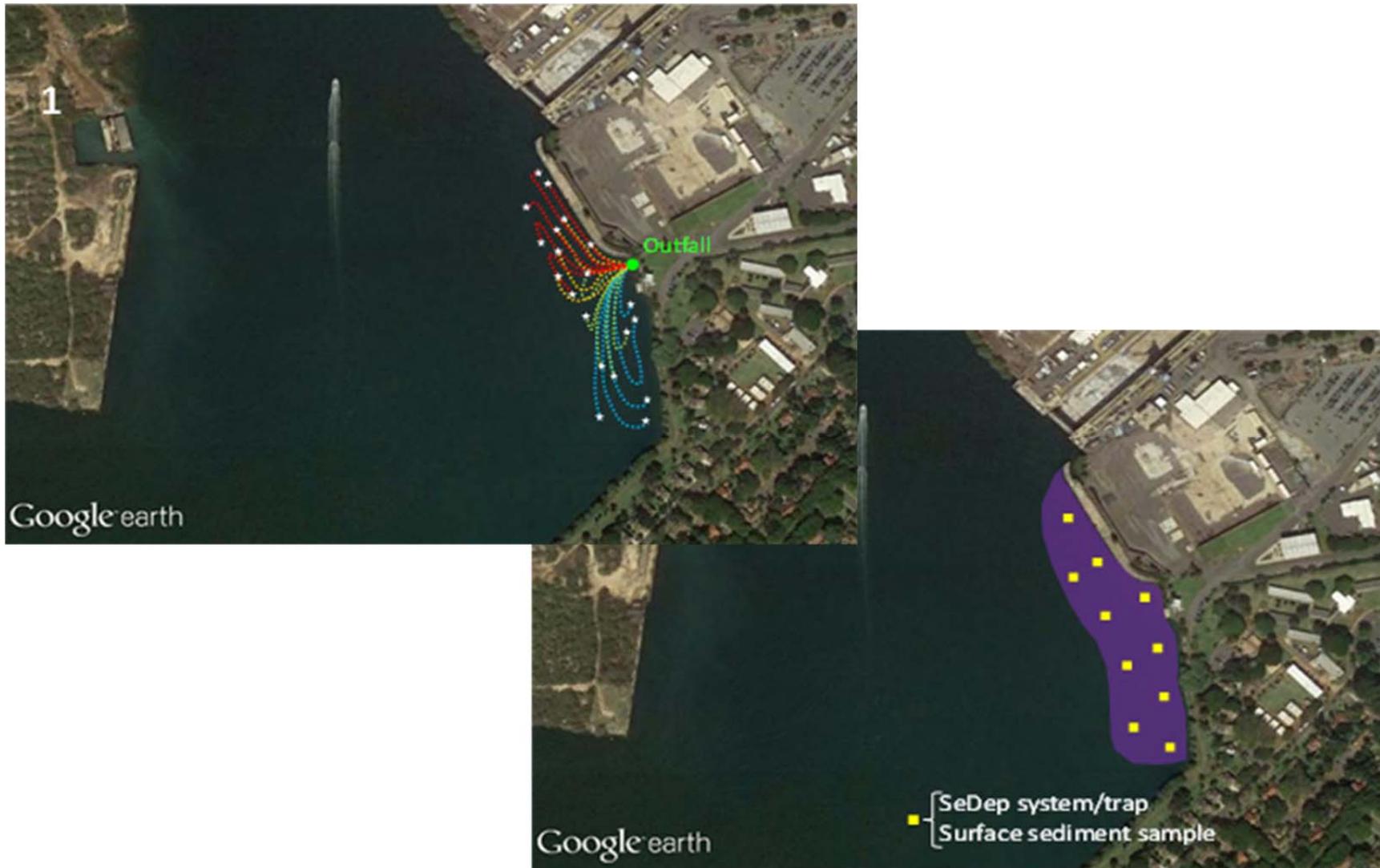
**Figure 24. Conceptual diagram of the two-phase DPS and SeDep demonstration approach including (1) DPS releases to define the depositional footprint, and (2) SeDep installations within the defined footprint.**
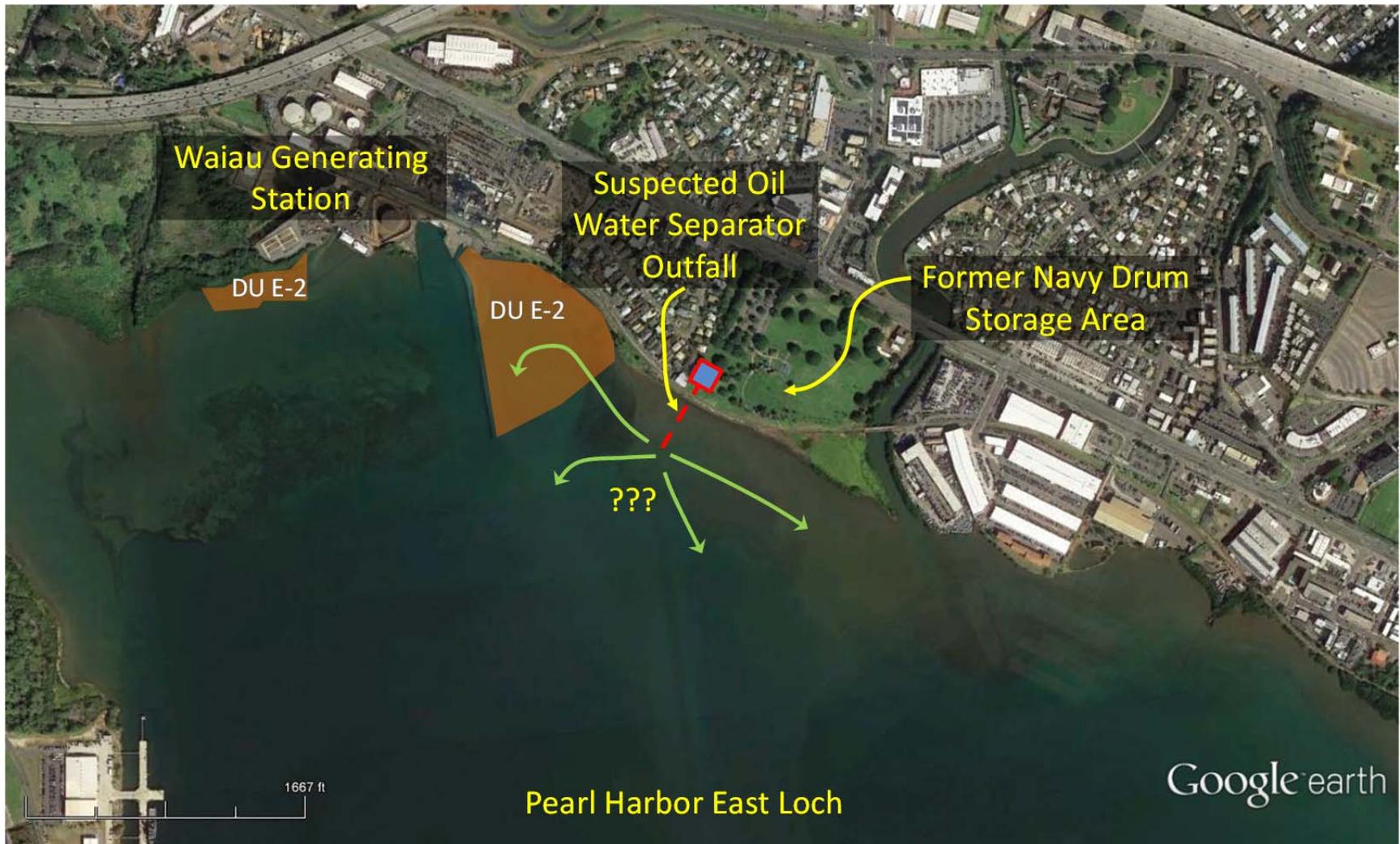
**Figure 25. Conceptual diagram for the DPS demonstration approach for the suspected OWS outfall in Pearl Harbor in the vicinity of the Waiau Power Plant.**

## 5.2 Baseline Characterization Activities

Baseline characterization activities for the sites are described below. The selected demonstration sites have been the subject of significant site characterization efforts that formed the basis for the baseline characterization.

### 5.2.1 Naval Base San Diego – Paleta Creek

A number of studies have been conducted to characterize the nature and extent of contamination, the persistence of contamination, the cause of the toxicity, the loading from the watershed, and the linkage of the creek discharges to the sediments in the Paleta Creek mouth area (Figure 17). To help define the baseline conditions and understanding of the site, these studies were reviewed and are briefly summarized below.

#### 5.2.1.1 Regulatory Drivers

The State Water Board identified the 7th Street Channel/Paleta Creek as a high priority candidate toxic hot spot due to repeat amphipod sediment toxicity findings and the presence of multiple degraded benthic communities in the Consolidated Toxic Hotspots Cleanup Plan (State Water Resources Control Board, 1999). Paleta Creek was originally listed on the 303(d) list as impaired primarily because of non-attainment of the toxicity water quality objective (WQO) promulgated for the protection of designated beneficial uses in San Diego Bay. Monitoring data collected during the investigation for the Bay Protection and Toxic Cleanup Program (BPTCP) indicated that sediment toxicity, sediment chemistry, and benthic community measurements exceeded the toxicity WQO. The shoreline segment located at the mouth of Paleta Creek was listed for toxicity water quality impairments resulting in benthic community degradation.

In 1995 and 1997, Chadwick et al. (1999) performed a detailed physical, chemical, and biological characterization of the sediment at 5 stations within Naval Base San Diego and a reference station, including a station at the mouth of Paleta Creek. The Paleta Creek station was found to contain one of the highest organic chemical concentrations within Naval Base San Diego. Sediment assessment studies, conducted in 2001 and 2003, characterized the extent of sediment contamination, toxicity, benthic community impacts, and bioaccumulation. These studies confirmed water quality impairments at the mouth of Paleta Creek (SCCWRP and SPAWAR, 2005; Brown and Bay, 2005). The Southern California Coastal Water Research Program (SCCWRP) and Space and Naval Warfare Command (SPAWAR) (2005) reported that the area of "likely" impairment for aquatic life, based on sediment chemistry, toxicity and benthic community effects (or the triad), was a subset of four inner creek stations. The increasing gradient of impairment toward the inner creek mouth stations was spatially consistent with a source of pollution entering from Paleta Creek itself, or from the shoreline activities located adjacent to the site where tidal exchange can transport pollutants into creek mouth and channel areas.

The high content of fine grained sediments at the inner creek stations indicate that this is a depositional environment containing enriched total organic carbon (TOC) levels indicating a higher than normal loading of organic matter observed for San Diego Bay. A likely source of the organic matter is the urban runoff conveyed from the upland areas of Paleta Creek. The Phase I Sediment Assessment (SCCWRP and SPAWAR, 2005) reported that the classification of some outer Paleta Creek stations as "possibly" impaired was driven by the co-occurrence of elevated

chemistry and benthic community impacts; while sediment toxicity at the outer stations was observed not to be elevated relative to the baseline conditions. The results of toxicity identification evaluation (TIE) studies identified that the probable cause of sediment toxicity was the presence of elevated concentrations of organic chemicals (Greenstein et al., 2005). The sediment toxicity and benthic community effects at the creek mouth area are a believed to be the result of elevated concentrations of Chlordane, PAHs, and PCBs, although some metals may also contribute to impairment.

### 5.2.1.2 Potential Ongoing Sources

Storm water data collected in Paleta Creek above the tidal influence were used to identify potential pollutant sources; whereas sediment data collected near the mouth of Paleta, Chollas, and Switzer Creeks were used to confirm impairment and relate pollutant loading with pollutant deposition and impairment. Dry weather flows to the bay were not measured as these were assumed to be negligible sources for pollutant loading to the impaired waterbodies. Multiple point and nonpoint sources discharge pollutant loads into the mouth of Paleta Creek. Point sources typically discharge at a specific location from pipes, outfalls, and conveyance channels. Nonpoint sources, such as sheet flow or atmospheric deposition, are diffuse in nature and have multiple routes of entry into surface waters. The pollutants can be deposited either directly to a waterbody or onto land surfaces where the pollutants wash off during storm events. Storm water runoff from urbanized areas flows off of land with a number of different uses, including residential uses, commercial and industrial uses, roads, highways and bridges (Figure 26; Table 6). Essentially, any surface which does not have the capability to pond and infiltrate water will produce runoff during storm events (USEPA. 1999). Sources of pollutants can include storm drain discharges, discharges or spills from permitted industrial facilities, illicit discharges, sewage spills, or other nonpoint sources.

The San Diego Water Board regulates storm water discharges by issuing Waste Discharge Requirements (WDRs) that implement federal NPDES requirements. Essentially all sources (point and nonpoint) in the watershed enter Paleta Creek through the storm water conveyance systems that are regulated through the NPDES permits. Other likely point and nonpoint source pollutant loads in the creek include storm water runoff from adjacent industrial discharges (regulated by individual WDRs), sediment resuspension and flux, and direct atmospheric deposition of pollutants to the surface of the waterbody.

While the waste loads of PAHs are believed to be associated with ongoing activities, such as automobile and truck emissions in the watersheds, the waste loads of chlordane and PCBs are believed to reflect residues accumulated from historical uses, applications, or spills that contaminated soils within the watersheds and act as ongoing sources. In spite of these compounds being banned in the U.S., residual concentrations of these legacy pollutants continue to remain elevated within the watershed and within bay sediments.

Chlordane was primarily used as a pesticide to control subterranean termites on buildings, insects on agricultural crops, and residential lawns and gardens. In 1988, all chlordane uses, except for fire ant control, were voluntarily suspended in the United States (National Pesticide Telecommunications Network, 2008). Chlordane can still be legally manufactured in the U.S. for sale or use by foreign countries. Although it is no longer used in the U.S., chlordane persists in the environment, adhering strongly to soil particles. The most likely route for chlordane to enter the water is from urban and agricultural soils, as its tendency is to adsorb to particulates before

entering a body of water. Therefore, the most likely source of chlordane in the watershed is storm water runoff carrying chlordane attached to eroded sediment particles.

PAHs are a group of over 200 different chemicals. They naturally occur in coal and crude oil and as byproducts in emissions from combustion of fossil fuels, forest fires and volcanoes. Most PAHs entering the environment are formed as byproducts of burning organic material (coal, oil, wood, gasoline, garbage, tobacco, and other organic material) or in certain industrial processes. They are also present in used motor oil, used hydraulic oil, tire particles, asphalt roads, coal, and coal tar. Wild fires and volcanoes are also natural sources of airborne PAHs (Agency for Toxic Substances and Disease Registry, 1995; National Research Council, 1983). About two-thirds of PAHs in aquatic systems are associated with particles (Agency for Toxic Substances and Disease Registry, 1995). Important sources of PAHs in surface waters include deposition of airborne PAHs, municipal waste water discharge, urban storm water runoff particularly from roads, runoff from coal storage areas, effluents from wood treatment plants and other industries, oil spills, and petroleum pressing operations (Agency for Toxic Substances and Disease Registry, 1995). A Southern California study that included San Diego Bay investigated cross-media transport of PAHs and found that the sediment in San Diego Bay was a source of PAHs to the water column, and the water column was a source to the atmosphere (Sabin et al., 2010). It is assumed that the primary source of PAHs to the San Diego Bay shorelines is urban storm water runoff where most airborne PAHs are deposited on the land (e.g., through precipitation or indirect atmospheric deposition) and are transported to the bay through storm water runoff.

PCBs are mixtures of up to 209 individual chlorinated compounds (known as congeners). They were used in a wide variety of applications, including dielectric fluids in transformers and capacitors, heat transfer fluids, and lubricants (Agency for Toxic Substances and Disease Registry, 2000). PCBs were formerly used in the U.S. as hydraulic fluids, plasticizers, adhesives, fire retardants, way extenders, de-dusting agents, pesticide extenders, inks, lubricants, cutting oils, in heat transfer systems, and in carbonless reproducing paper (USEPA, 2009). The manufacture of PCBs was prohibited in 1976 because of evidence that they were accumulating in the environment and causing harmful health effects. Although it is now illegal to manufacture, distribute, or use PCBs, these synthetic oils were used for many years as insulating fluids in electrical transformers and in other products such as cutting oils. Products made before 1977, which may contain PCBs include old fluorescent lighting fixtures and electrical devices containing PCB capacitors, hydraulic oils, and old microscope oils. Historically, PCBs have been introduced into the environment through discharges from point sources, and through spills and accidental releases.

### 5.2.1.3 Transport and Distribution to San Diego Bay

During storm seasons, freshwater inflows and contaminated sediment from runoff over the watershed are discharged into the San Diego Bay from Paleta Creek. The transport and depositions of these contaminated sediments in the creek mouth regions were previously studied by using the 3D hydrodynamic and transport model, Curvilinear Hydrodynamics in Three Dimensions (CH3D; Chadwick et al., 2005). Creek loadings of freshwater and TSS from the three creeks were calculated using the watershed model, Loading Simulation Program in C++ (LSPC). Using the CH3D model, 6 historical storms were simulated covering the ranges of the storm strength during 2001-2006. For each storm, the study determined the freshwater plume dynamics, and how much TSS load was deposited within the creek mouth region (Figure 27). Retention factors and attenuation factors of contaminants from the creek loads were estimated.

These factors quantify the change of the contaminant mass and sediment mass between the creek loads and the trapped deposits, due to contaminant partitioning and the trapping efficiencies associated with different particle sizes.

**Table 6. Land use characteristics and areas of the Paleta Creek watershed (based on data from California Regional Water Quality Control Board - San Diego Region, 2013).**

| Land Use | Area (acres) | % Total |
|---|---|---|
| Agriculture | NA | NA |
| Commercial | 81.58 | 3.8% |
| Freeway | 127.34 | 5.9% |
| High Density Residential | 182.58 | 8.5% |
| Industrial | 10.7 | 0.5% |
| Institutional | 85.39 | 4.0% |
| Low Density Residential | 866.22 | 40.1% |
| Military | 192.17 | 8.9% |
| Open Space | 52.27 | 2.4% |
| Recreation | 65.86 | 3.0% |
| Road | 469.91 | 21.7% |
| Rural Residential | NA | NA |
| Transportation | 19.39 | 0.9% |
| Water | 7.26 | 0.3% |
| Total | 2160.7 | |
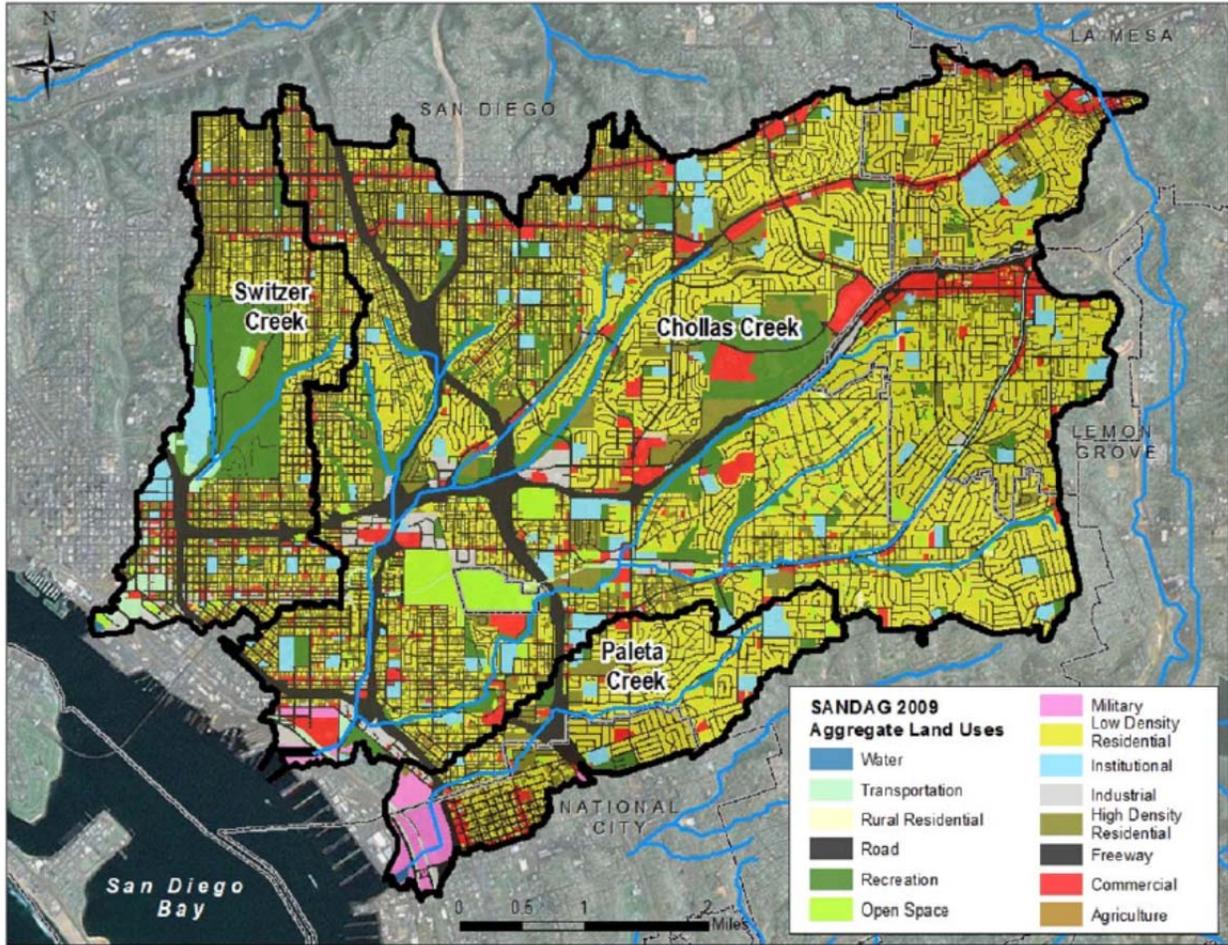
**Figure 26. Watershed map and land use characteristics of the Paleta Creek watershed (adapted from California Regional Water Quality Control Board - San Diego Region, 2013).**
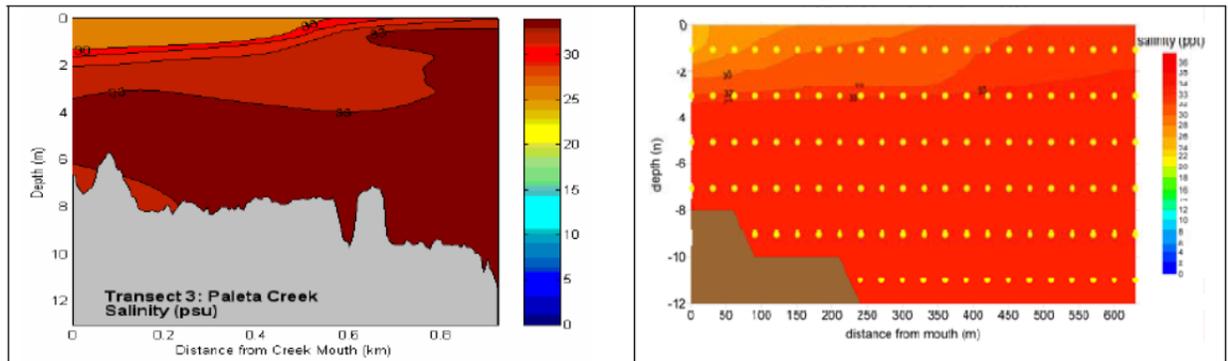


**Figure 27. Measured (left) and modeled (right) vertical section of the Paleta Creek discharge plume during a typical storm event (Chadwick et al., 2005).**

### 5.2.2 Joint Base Pearl Harbor Hickam – Oscar Pier Area

Extensive baseline assessment for the Oscar Pier area in JBPHH (Figure 18) has been carried out under the Remedial Investigation and Feasibility Studies carried out by the Navy over the last several years. A summary of the findings from those studies is presented below.

#### 5.2.2.1 Regulatory Drivers

The Oscar Pier area (Figure 19) is subject to a range of regulatory drivers from the CERCLA, NPDES and stormwater related requirements. The area is also within the navigation footprint and is thus also subject periodically to regulations associated with the dredging program. This demonstration effort will focus on drivers associated with CERCLA cleanup of harbor sediments, but is also related to potential ongoing sources from NPDES and stormwater sources (US Navy, 2015). The sediments of Pearl Harbor adjacent to Oscar pier are being investigated for cleanup as part of a harbor-wide assessment. Oscar Pier resides within a cleanup decision unit in the Entrance Channel called N-2 (Figure 28). The sediments in this decision unit generally have the highest levels of contamination relative to other areas of the harbor.

DU N-2 is adjacent to the western shoreline of the Entrance Channel of Pearl Harbor and comprises an area of approximately 26.7 acres, including offshore areas near Dry Dock 4. The shoreline along the DU is composed predominantly of piers and wharves that support Navy activities. The entire DU is located within the harbor's maintenance dredging footprint; therefore, the water depths within the DU are linked primarily to the maintenance dredging footprint depth requirements. The majority of water depths within the DU are 40–50 feet MLLW with shallow water in the range of 10-20 feet toward the southern range of the area along the shoreline. The sediment of DU N-2 is characterized by silts and clays of lower liquid limit and plasticity, with an average TOC of 1.04 percent. Contaminants of concern (COCs) identified for sediments within DU N-2 are cadmium, copper, lead, mercury, zinc, and total PCBs.

#### 5.2.2.2 Potential Ongoing Sources

Potential ongoing non-point sources include contributions from urban and industrial lands surrounding the harbor that discharge into the DU through direct surface water. Potential point sources for DU N-2 include docks and piers, releases from ships, storm drain outfalls that may convey runoff from surrounding Navy IR sites, and permitted industrial discharges from Dry Dock. In addition, several Navy buildings have been identified as potential or reported sources of sediment contamination that could impact DU SE-1 via the storm drain system. High total PCB concentrations (670-1000 µg/kg) were reported for surface sediments in the Pearl Harbor Sediment Remedial Investigation/Feasibility Study (RI/FS) off storm drain outfalls near Dry Dock 4; these concentrations may potentially be attributable to the outfalls. The NPDES permit for six outfalls from the four dry docks in Pearl Harbor Naval Shipyard allows for discharge of wastewater from caisson leakage, rainfall, groundwater seepage, single-pass cooling, pump test tailwater, hydroblast tailwater, and hull rinsing. The highest potential for recontamination in DU N-2 is thought to be associated with exposure of contaminated subsurface sediments during maintenance dredging and discharge of contaminated sediments from the storm drain outfalls. Sampling results indicate high COC concentrations in sediment near the storm drain outfalls (Figure 29). Additional geochemical association analysis performed to evaluate the relationship between metal COCs and iron as a reference metal indicates that most storm drain outfalls are enriched in metal COCs relative to the iron content compared to clean stream sediments and sediments collected from areas with no exceedances.

### 5.2.2.3 Transport and Distribution to Pearl Harbor

Sediment transport modeling, radioisotope data, and shear stress data indicate that DU N-2 is a depositional environment and that erosion in the DU due to natural processes is not likely to expose buried sediments. The net sediment deposition rates as measured from the 2009/2012 radioisotope data are 0.44 cm/y for under piers and 1.1 cm/y for overwater areas. The only potential erosion mechanisms identified for DU N-2 are propeller wash and extreme events (e.g., hurricanes). The vertical profile data indicate concentration trends toward the surface increasing in the areas off Dry Dock 4 and the Oscar piers, indicating potential ongoing sources in these areas or possible exposure of deeper sediment contaminants due to navigation dredging. In general, particulate-based contamination from ongoing sources in the area is expected to deposit to the sediment bed within the tidal distribution distance of the release point.
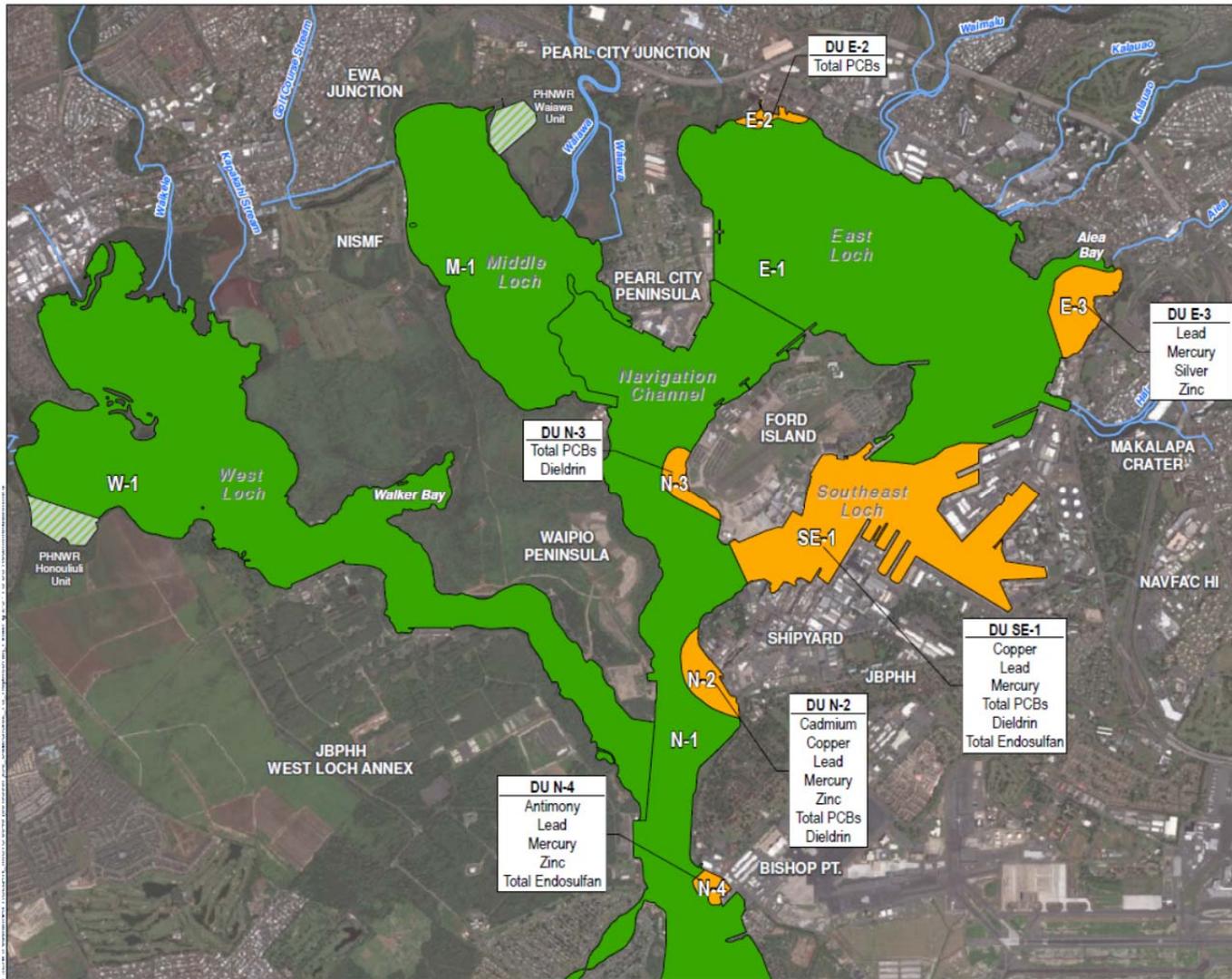
**Figure 28. Decision units for the sediment cleanup in Pearl Harbor (adapted from US Navy, 2015).**

**Figure 29. Surface sediment contamination levels in the vicinity of outfalls in the Oscar pier area (adapted from US Navy, 2015).**

### 5.2.3    Joint Base Pearl Harbor Hickam – Waiau Power Plant Area

Extensive baseline assessment for the Waiau Power Plant area in JBPHH has been carried out under the Remedial Investigation and Feasibility Studies carried out by the Navy over the last several years. A summary of the findings from those studies is presented below.

#### 5.2.3.1    Regulatory Drivers

The Waiau Power Plant area is subject to a range of regulatory drivers from the CERCLA, NPDES and stormwater related requirements. The area also borders on the navigation footprint and is thus also subject periodically to regulations associated with the dredging program. This demonstration effort will focus on drivers associated with CERCLA cleanup of harbor sediments, but is also related to potential ongoing sources from NPDES and stormwater sources (US Navy, 2015. The sediments of Pearl Harbor adjacent to Waiau Power Plant are being investigated for cleanup as part of a harbor-wide assessment. Waiau Power Plant resides within a cleanup decision unit in East Loch called E-2 (Figure 20). The sediments in this decision unit generally have high levels of contamination relative to other areas of the harbor. DU E-2 is located along the northwest shoreline of East Loch, off the Waiau Power Plant, and is composed of two sub-areas: a deeper water sub-area east of the sheet piling groin structure extending out from the power plant, and a smaller sub-area located near the west end of the power plant property. The main power plant discharge outfall is located east of the groin structure, in the primary sub-area of the DU. A residential area lies adjacent to the eastern portion of the DU and the former Navy Waiau Drum Storage Facility site was located to the east of the residential area in what is now Neal S Blaisdell Park (Figure 21). Water depths within the DU are relatively shallow with an average water depth of approximately 4 feet MLLW. Surface sediments are characterized by relatively high TOC (2.74%), bulk density of about 1.4 g/cm3, and an average moisture content of 53.6%. The Surface area weighted average concentration (SWAC) for total PCBs in the DU is 938 μg/kg and the maximum concentration of 4,200 μg/kg is located in the area east of the groin at east of the groin (US Navy, 2015).

#### 5.2.3.2    Potential Ongoing Sources

Potential contaminant sources in DU E-2 include point and non-point sources from surrounding commercial/industrial properties. Contaminant distribution data suggest that surface water runoff and/or the storm drain outfall associated with the Waiau Power Plant are the primary contaminant sources for DU E-2. Available evidence and contaminant distributions indicate that previous or current Navy activities have not contributed to the PCB contamination reported for this DU. However, recently, concerns have been raised with respect to potential historical releases from the former Waiau Drum Storage Facility site located to the east of DU E-2. Historical drawings and aerial photographs indicate the potential operation of an OWS at the southwest corner of the site (Figure 30). There is speculation that this OWS may have had a discharge path via a pipe leading southward into Pearl Harbor (Figure 22). There is no direct evidence for this pipeline, and its suspected presence is based on typical historical operational practices for similar OWS systems. Determining whether or not there is a likely hydrodynamic connectivity between the suspected outfall location and the contamination at DU E-2 will help to understand the potential influence of this suspected historical source area.

### 5.2.3.3 Transport and Distribution to Pearl Harbor

The sediment transport evaluation conducted as part of the Pearl Harbor RI/FS indicated that all areas within East Loch are depositional and that erosion is not likely to expose buried sediment. DU E-2 lies outside the maintenance dredging footprint, with limited ship traffic; therefore, sediments are not likely to be disturbed by dredging or propeller wash. However, strong discharge flows from the power plant outfall likely have the potential to resuspend sediments in the area on the eastern side of the groin.
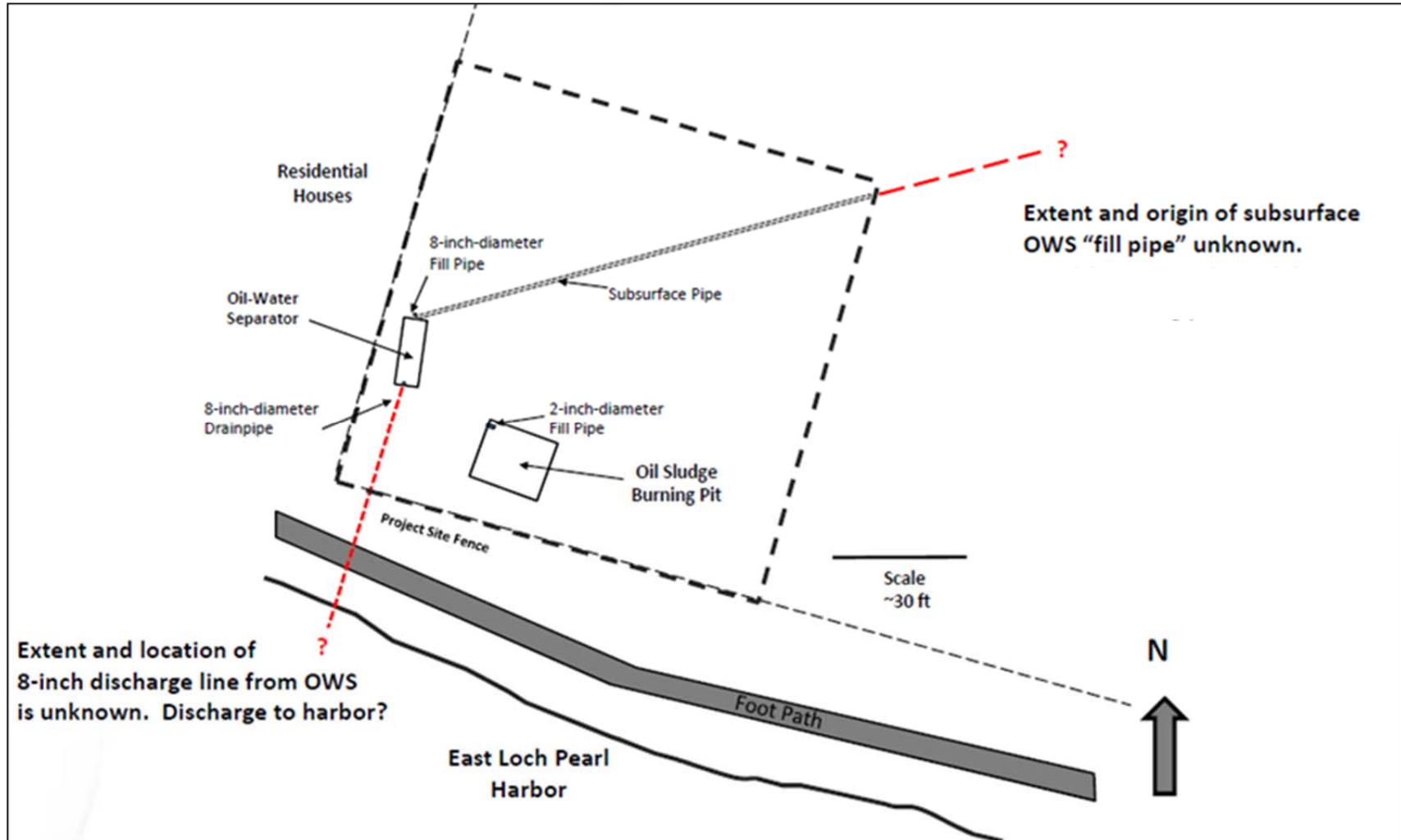
**Figure 30. Schematic of the location of the OWS at the former drum storage facility (adapted from Hawaiian Electric, 2016).**

## 5.3 Design and Layout of Technology Components

In this project, the technology components are represented by the three new technologies that are being adapted and demonstrated for the purpose of improved source and recontamination potential assessment. These included the DrEx system which was the focus of the first demonstration, and the DPS and SeDep systems which were the focus of the second demonstration. The basic design and layout of these components is described for each of the demonstrations below.

### 5.3.1    Naval Base San Diego – Paleta Creek

For the demonstration at the mouth of Paleta Creek, the stormwater discharge emerges from the creek mouth into San Diego Bay in a protected area within the piers at NBSD (termed the inner creek mouth). The discharge from the creek is flashy and responds relatively quickly to precipitation events in the Paleta Creek watershed (Figure 31). Thus the layout for the demonstration focused on seeding the first flush discharge from the creek with a concentration of ~10 drifters within the confined portion of the inner creek mouth directly adjacent to the location where the creek enters the bay (Figure 23). Previous measurement and modeling studies during stormwater discharge events at the site suggested that the extent of the plume following discharge is generally limited to the area within the NBSD pier area for storm events of this typical magnitude (Figure 32). Thus the distribution of the drifters following release was expected to be generally within this area. The movement of the drifters was initially expected to be governed by the momentum of the discharge from the creek, which was expected to dissipate relatively quickly away from the discharge point at which time the transport would be dominated by tidal currents. Thus representative expected distributions of the drifters over time are as shown in the conceptual diagram of Figure 23.

### 5.3.2    Joint Base Pearl Harbor Hickam – Oscar Pier Area

For the demonstration at Oscar Pier JBPHH, the area of interest was along the pier face adjacent to the Pearl Harbor Entrance Channel. The tides in this area move primarily north and south along the channel during the flood and ebb tide, respectively. Thus the layout for the first phase of the demonstration was to release groups of DPS units in the vicinity of a selected outfall along Oscar Pier during different stages of the tide. The bottom contact locations for the DPS units were then used to define the deposition footprint for particles linked to the outfall location (Figure 24). The footprint defined from this phase was then used to establish the layout of the SeDep units deployed in the next phase. These systems were left out over an extended period of time to evaluate the deposition associated with multiple stormwater discharge events.

### 5.3.3    Joint Base Pearl Harbor Hickam – Waiau Power Plant Area

For the demonstration at the Waiau Power Plant area in JBPHH, the area of interest was in East Loch offshore from the former drum storage site and OWS. The tides in this area move primarily east and west along the channel during the flood and ebb tide, respectively. Thus the layout for the demonstration was to release groups of DPS units in the vicinity of the suspected outfall location during different stages of the tide. The bottom contact locations for the DPS units were then used to define the deposition footprint for particles linked to the outfall location (Figure 25).
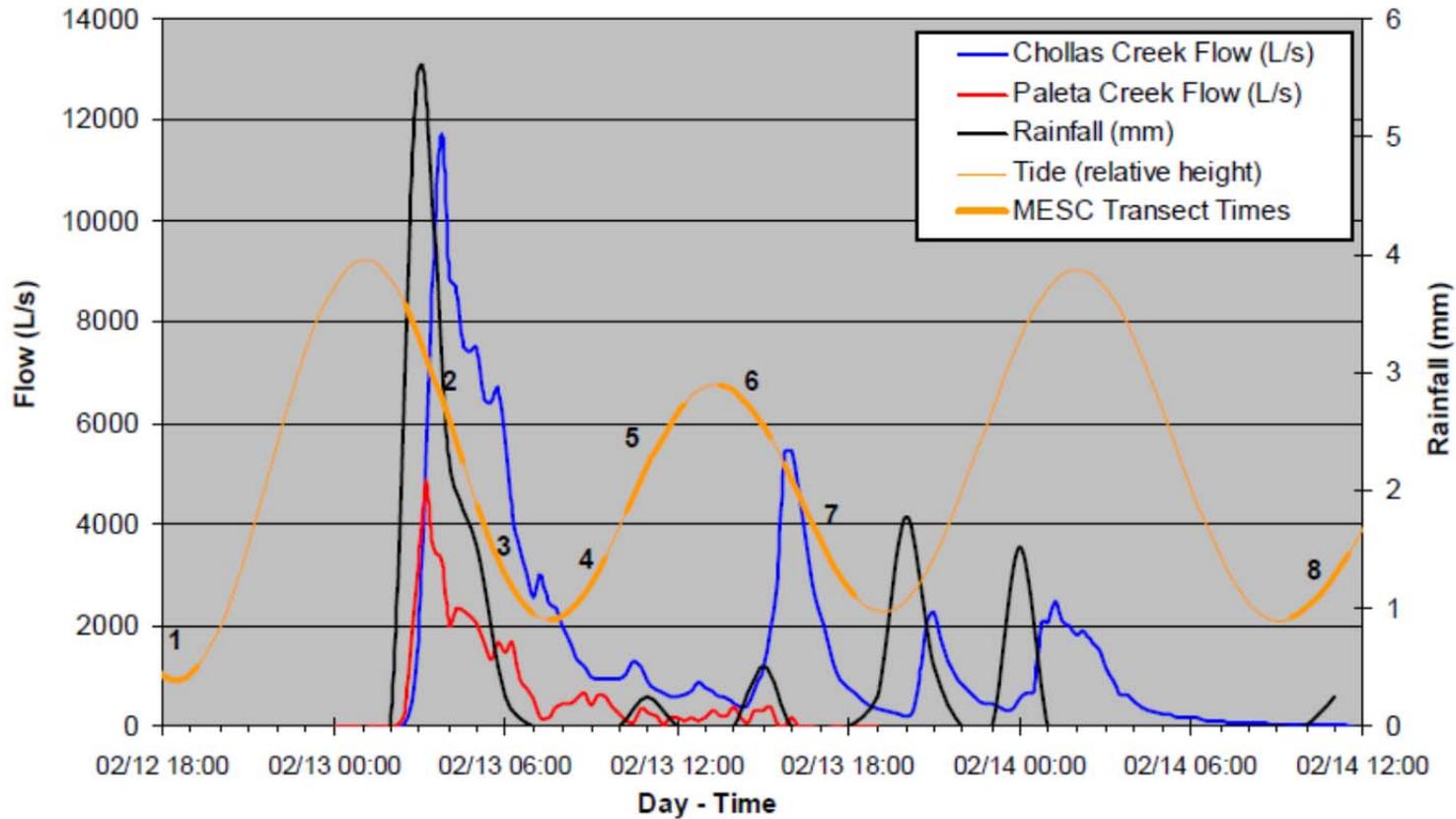
**Figure 31. Precipitation (black line) and flow (red line) for Paleta Creek a significant storm event (>0.5 in) during February 2001. Note the rapid response of the creek flow to the precipitation event with peak flow lagging peak precipitation by less than one hour (Chadwick et al., 2002).**
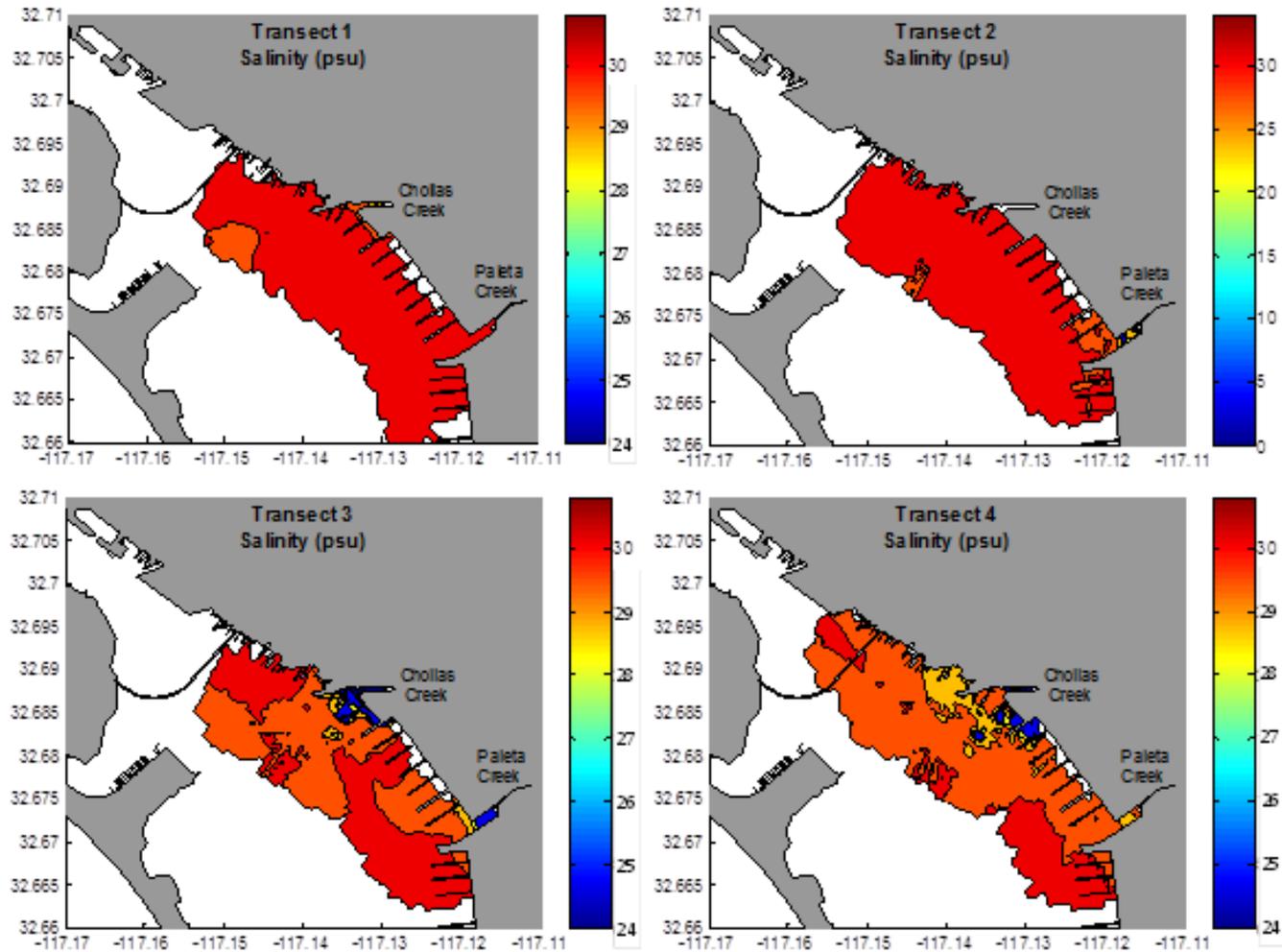
**Figure 32. Salinity distribution before (Transect 1) and during the February 2001 storm event (Chadwick et al., 2002).**

## 5.4 Field Testing

Field testing for these technologies was the primary focus of the demonstration project. Testing the systems in the field under realistic operational conditions provided the best opportunity to understand their utility and gauge their performance. The field testing approach for each of the demonstrations is described in detail below.

### 5.4.1   Naval Base San Diego – Paleta Creek

The field testing approach for the DrEx demonstration at Paleta Creek included several components including pre-deployment preparation, DrEx deployments, DrEx tracking, DrEx sampling, performance verification measurements, DrEx retrieval, and post-retrieval processing. Subsequent sample and data analysis are described in the following section. Field related components are described below.

#### 5.4.1.1   Preparation

Preparation of the DrEx systems included a number of steps that were detailed in the draft manual for the system (see the project Demonstration Plan). These steps consisted of physical preparation, testing, and programming. Physical preparation included preparation of 121 drifter, the PAWS water sampling system, and any ancillary sensor or systems that were planned for use with the drifter. The physical preparation of the 121 drifter included opening up the main unit, installation of fresh batteries, re-sealing of the unit, installation of the sails, installation of the floats, and attachment of any lights, reflectors, or flags that were being used for visual tracking and collision avoidance. Physical preparation of the PAWS included starting with all pre-cleaned tubing and components for the water sampling system, opening up the unit, installing the tubing, installing the sampling bag, installing the inlet screen, and re-sealing the unit. The PAWS was then attached to the main hull of the 121 drifter with its mounting bracket, and the power/communication cable was attached. Detailed instructions are included in the manual.

System testing for the DrEx included testing of the GPS, communications, and pumping systems. To test the GPS and communications, the system was placed outdoors in an area not significantly blocked by buildings. A laptop was connected to the communications port on the antenna, and the tracking system was programmed to start with the update rate set to its minimum interval of 30 seconds. The system was then activated with the magnetic switch on the main hull. Using the Brightwaters data distribution website, the communications and GPS operation were then verified. Using the laptop, the functioning of the water sampling system was then tested to verify pump operation.

Programming of the DrEx system included inputting settings for the GPS sampling rate, the communications transmission rate, and several pump settings that are deployment specific. For short-term deployments associated with stormwater discharges, the GPS sampling rate was generally set to its minimum interval of 15 seconds to maximize the spatial resolution of the trajectory measurements. The communication interval was set to 5 minutes in order to keep track of the system, address any issues, and efficiently retrieve the unit. Pump settings depended on the desired sample volume and compositing period and were specific to each unit based on pump calibrations.

### 5.4.1.2 Deployment

Once the system was setup, tested and programmed, it was ready for deployment. Deployments for this demonstration were targeted to first-flush stormwater conditions at the discharge of Paleta Creek to San Diego Bay. In San Diego, precipitation driven stormwater discharge events are most frequent during the winter months from November through April (Figure 33). For logistical purposes, we originally targeted early season storms so that we could also conduct the second demonstration during the rainy season in Pearl Harbor. However, storms in the early part of the season were limited and thus the deployments took place in the January-February timeframe. The deployments were planned to occur during the first flush (~30 minutes) of two storm events during this window. Once the drifters were prepared, deployment involved loading the units onto the survey boat, transiting to the deployment location at the mouth of Paleta Creek, and releasing the units within the observed discharge plume emerging from the creek. Our plan was to track incoming weather systems and mobilize to the deployment area ahead of time based on predictions of rainfall >0.2 inches with a >70% probability within 24 hours of the event. The survey boat was loaded with the drifters and other required equipment and moored at the small boat pier in the Paleta Creek mouth area (Figure 34). Approximately six hours ahead of the event, the crew mobilized to the boat and remained on standby for the deployment. Within the first-flush time window, the boat transited the short distance to the discharge area, and the drifters were released into the turbid, low-salinity waters of the plume zone (Figure 35).

### 5.4.1.3 Tracking

Following the release of the drifters, the systems were tracked to observe their trajectories, verify operation, and identify and rectify any problems as they transited with the stormwater plume from Paleta Creek (Figure 36). Tracking was performed with a cellular hot-spot installed on the survey boat, allowing internet access to the Brightwaters web-access portal (Figure 37). This allowed real-time monitoring of the positions and water sampling progress. At regular intervals throughout the survey, each DrEx unit was revisited to check on its performance and conduct performance verification measurements as described in the next section. Tracks were uploaded and plotted on using a MatLab routine to allow visual analysis of the trajectories over time. In cases where systems become snagged on the piers, shorelines, or other obstacles, intervention was performed to return the unit to free drifting conditions. In instances where the drifter could potentially interfere with NBSD operations or result in an unsafe condition, NBSD personnel were contacted and corrective actions were taken as necessary to insure safety and no impact to operations. In instances where a unit stopped functioning, efforts were made to locate the unit, diagnose the problem, and either return it to use or document the problem and remove it from operation. The tracking period extended over a 6-12 hour period or until the plume has significantly dissipated based on measured salinity and turbidity in the surface waters in the vicinity of the drifters.

### 5.4.1.4 Performance Verification

During the field demonstration, a range of performance verification measures were conducted. Performance of the DrEx system was gauged for key quantitative and qualitative performance metrics. For tracking, these metrics included measures of the accuracy achieved by the GPS units, the reliability of the communications link, the survivability of the units, and the ability to maintain tracking of the surface plume. GPS accuracy was automatically recorded by the units and was also compared to a high-precision sub-meter resolution GPS unit that was held

alongside the drifter GPS at various intervals during the trajectories (Figure 38). Reliability of the communications link was measured based on the percent of time that the communications link was maintained during the survey period. The survivability of the units was determined by the percent of units that successfully complete the mission, accounting for units that were lost, disabled, malfunctioned, etc. The ability to maintain tracking of the plume was evaluated based on measures including the onboard temperature and salinity recorder, and by comparing the drifter trajectory to plume mapping that was carried out simultaneously from the survey boat. For sampling, performance was evaluated based on successful collection of target sample volumes over the prescribed time interval. Performance metrics and measures are summarized in Table 4.

### 5.4.1.5 Retrieval

At the end of the field survey, the DrEx units were located using the real-time monitoring and retrieved to the survey boat. Samples were removed from the PAWS units for processing, and data were downloaded from the onboard temperature and salinity sensors. Each unit was inspected for any physical damage, and a series of tests were run to verify that all aspects of the operation were still functional. Any issues or deficiencies were documented. The system was then cleaned, disassembled and stowed in accordance with demobilization procedures and the system manuals.
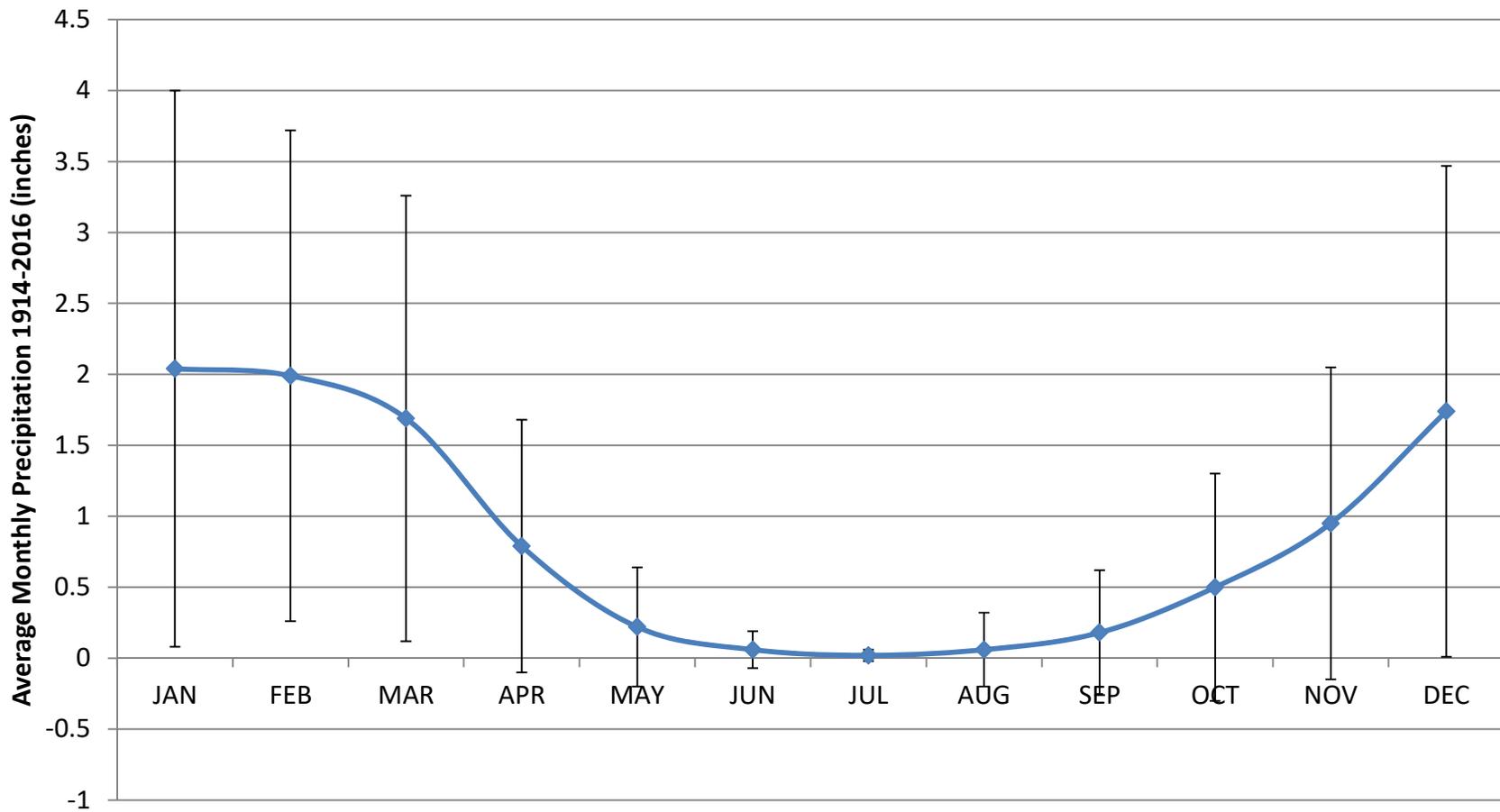
**Figure 33. Average monthly precipitation in San Diego for the period 1914-2016. Error bars indicated standard deviations (based on data from NOAA, 2016).**

**Figure 34. The survey vessel moored at the mouth of Paleta Creek during the Jan 5-6, 2016 storm event.**



**Figure 35. DrEx drifter being released into the flow from Paleta Creek during the Jan 5-6, 2016 event.**

**Figure 36. Drifters transiting with the first flush of the stormwater plume from Paleta Creek during the Jan 5-6, 2016 event.**

**Figure 37. Computers on the survey boat used to track the drifter locations from the Brightwaters site (left) and the storm conditions (right).**



**Figure 38. Chase boat used to collect verification data with the sub-meter GPS during the Jan 5-6, 2016 event.**

### 5.4.2   Joint Base Pearl Harbor Hickam – Oscar Pier Area

The field testing approach for the DPS and SeDep demonstration at Pearl Harbor Oscar Pier included a two-phase approach. In the first phase, DPS units were deployed to map the deposition footprint associated with a selected outfall at Oscar pier. This phase involve multiple components including pre-deployment preparation, DPS deployments, DPS tracking, performance verification measurements, and DPS retrieval. In the second phase, SeDep systems were deployed to monitor deposition events within the footprint defined by the DPS units. This phase involved pre-deployment preparation, SeDep deployments, performance verification measurements, and SeDep retrieval. The field testing approach for these two phases is described below.

### 5.4.2.1   Phase 1 - DPS Deposition Footprint Mapping

In this phase, DPS units were deployed to map the deposition footprint associated with a selected outfall at Oscar pier. This phase involved multiple components including pre-deployment preparation, DPS deployments, DPS tracking, performance verification measurements, and DPS retrieval.

<u>Preparation:</u> Preparation of the DPS systems included a number of steps that are detailed in the project demonstration plan. These steps consisted of physical preparation, testing, and programming (Figure 39). Physical preparation included preparation of Microstar drifter, the winch system, and the ancillary sensors and systems that were planned for use with the drifter. The physical preparation of the Microstar drifter included opening up the main unit, installation of fresh batteries, re-sealing of the unit, preparation of the drogue, connection of the winch, and charging of the lights that were used for visual tracking and collision avoidance. Physical preparation of the winch included charging of the batteries, winding on the line, mounting the winch in the central hull, mounting the central hull in the drogue, setting the bottom detection sensor depth, and attaching the winch line to the GPS float. Detailed instructions are included in the manual.

System testing included testing of the GPS, communications, and winch systems. To test the GPS and communications, the system was placed outdoors in an area not significantly blocked by buildings. A laptop was connected to the internet and the logged in to the Pacific Gyre web-access portal. Commands were transmitted over the Iridium communications link to program the test conditions for the drifter. The output from the drifter was then monitored over the communications link to verify communications and check that the GPS positioning was working properly. To test the winch operations, the laptop was connected to the winch via the external connector on the winch. Program commands were then sent to the winch to test the communications and operations. Once the drifter and winch had been tested, they were ready for final pre-deployment programming.

Programming of the DPS drifter system included inputting settings for the GPS sampling rate and the communications transmission rate. For short-term deployments associated with stormwater discharges, the GPS sampling rate was generally set to its minimum interval of 2 seconds to maximize the spatial resolution of the trajectory measurements. The communication interval was set to 5 minutes in order to keep track of the system, address any issues, and efficiently retrieve the unit. The winch was programmed independently of the drifter. The primary winch setting was the settling velocity. This value is dependent on the effective settling rate of the particles that are being simulated. A table of typical in situ settling rates is shown in

Table 7. For example, a recent review of effective particle settling rates for estuarine conditions suggests rates ranging from about 0.1 – 10 mm/s (Shi and Zhou, 2004), while coarser particles that might be associated with high energy stormwater runoff events could settle at higher rates in the range of 50-100 mm/s (Droppo, 2006). Given typical DoD harbor depths of 10 m, this translates into transit times ranging from about 5 minutes to 1 day.

For the case of Pearl Harbor Oscar Pier, there was limited specific characterization data for the outfall discharge particle composition. Instead, we based our particle characteristics on the character of surface sediments in the vicinity of the outfall. For the area of interest, particle size of surface sediments was observed in the sand (~41%), silt (~41%), and clay (~16%) size classes (U.S. Navy, 2015). Given the predominance of silt, we focused on this fraction. Sand sized particles are likely to settle close the outfall, and clay sized particles are very widely distributed by transport. Silt sized particles often carry a much more significant portion of the contaminant load compared to sand. Assuming a typical silt sized particle of 10 um, we used Cheng's formula (Cheng, 1997) to estimate a typical settling rate of about 0.56 mm/s or 34 mm/min. This settling velocity was used for all of the DPS units. For 10 m of water depth which is typical for the area, this results in a transit time of about 6 hours.

Deployment: Deployments for the Phase 1 field testing of the DPS were spread out across the tidal cycle so that we captured the overall extent of the potential deposition zone that is linked to the outfall. We also targeted relatively large amplitude (spring) tide conditions which captured the maximum transport range for particles from the outfall area. We deployed DPS units at approximately 1-1.5 hour intervals throughout varying tidal conditions including slack ebb, mid flood, slack flood, and mid ebb. Because we only had access to 10 systems, the drifters were retrieved after they made bottom contact, the data were downloaded and the battery charged, and then the units were re-released to capture the other target release times. To minimize operational impacts, these deployments were timed to occur on the weekend when the operational tempo was lower. The deployment location was targeted for an outfall at the southeast end of the Oscar Pier area that faced the main navigation channel (Figure 40). Areas of potential concern from an ongoing source perspective are located along this area.

Tracking: Following the release of the drifters, the systems were tracked to observe their trajectories, verify operation, and identify and rectify any problems along the transit paths (Figure 41). Tracking was performed with a cellular hot-spot installed on the survey boat, allowing internet access to the Pacific Gyre web-access portal. This allowed for real-time monitoring of the positions and water sampling progress. At regular intervals throughout the survey, each DPS unit was revisited to check on its performance and conduct performance verification measurements as described in the next section. Tracks were uploaded and plotted on GoogleEarth® to allow visual analysis of the trajectories over time. In cases where systems became snagged on the piers, shorelines, or other obstacles, intervention was performed to return the unit to free drifting conditions. In instances where the drifter could have potentially interfered with JBPHH operations, JBPHH personnel were contacted and corrective actions were taken as necessary to insure safety and no impact to operations. In instances where a unit stopped functioning, efforts were made to locate the unit, diagnose the problem, and either return it to use or document the problem and remove it from operation.

Performance Verification: During the Phase 1 DPS deployments, a range of performance verification measures were taken. For the DPS system, we established a series of quantitative and qualitative performance objectives similar to the DrEx but adapted to the particle tracking

capability of the system. GPS accuracy was automatically recorded by the units and was also compared to a high-precision sub-meter resolution GPS unit that was held alongside the drifter GPS at various intervals during the trajectories (Figure 42). During these position checks, water depths were also measured for post-survey comparison to the pressure sensor on the DPS to verify that the bottom detection system was performing properly. Reliability of the communications link was measured based on the percent of time that the communications link was maintained during the survey period. The survivability of the units was determined by the percent of units that successfully completed the mission, accounting for units that were lost, disabled, malfunctioned, etc. An important aspect of the DPS system is its ability to simulate the effective rate of settling for discharge related particles during the deployment period. Reliable settling rates were monitored using the depth data from pressure sensor onboard DPS. In addition, reel-up times were recorded to determine if they corresponded to the relatively predictable deployment periods based on the programmed settling rate and the water depth at the point of bottom contact.

Retrieval: At the end of the field survey, the DPS units were located using the real-time monitoring and retrieved to the survey boat. The deposition cycle of the drifter was confirmed by observing that the drogue was back at the surface. Data were then downloaded from each unit including the high-resolution GPS and pressure data that define the trajectory, and the bottom detection information from the tilt sensor. Each unit was inspected for any physical damage, and a series of tests were run to verify that all aspects of the operation were still functional. Any issues or deficiencies were documented. The systems were then cleaned, disassembled and stowed in accordance with demobilization procedures and the system manuals.

**Figure 39. The DPS units prepared for deployment onboard the survey boat in Pearl Harbor.**



Oscar Pier

Outfall Location

**Figure 40. Vicinity of the DPS release point at the southwest end of Oscar Pier in Pearl Harbor.**
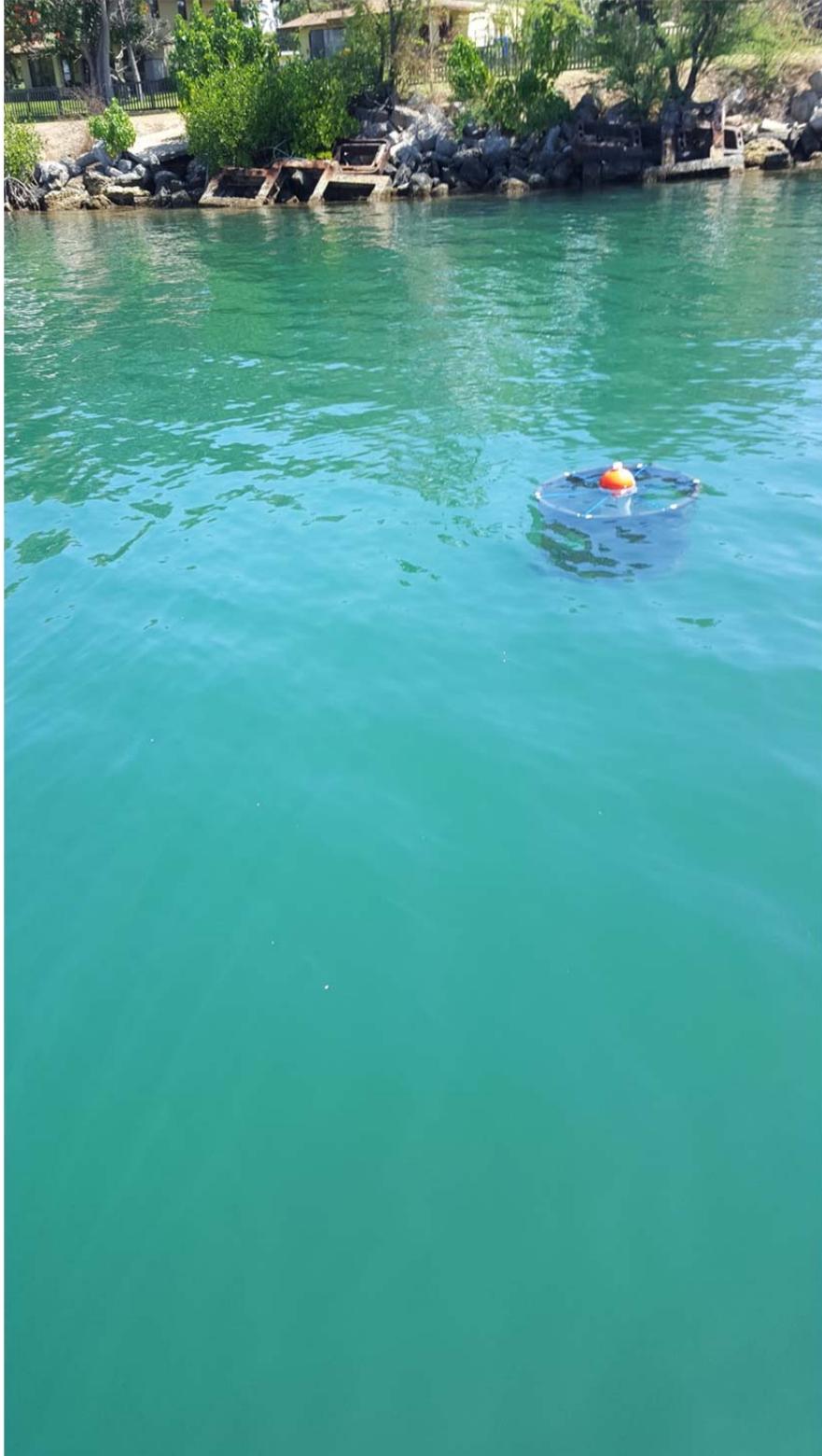
**Figure 41. DPS unit drifting to the south of the Oscar Pier outfall location during the March 12-13, 2016 event.**

**Figure 42. Verification GPS measurements for the DPS units during the March 12-13, 2016 event.**

**Table 7. A summary of typical effective settling velocities for estuarine particles (adapted from Shi and Zhou, 2004). See Shi and Zhou, 2004 for sub-references cited in the table.**

| Study Authors | Site Location | Measurement Method | Settling Velocity (mm/s) |
|---|---|---|---|
| Han & Lu (1983) | Changjiang Estuary, China | Laboratory settling column | 0.35 - 1.01 |
| Mehtha (1986) | Cumbarjua Canal, Goa, India | Fitting method | <0.00064 |
| Puls et al (1988) | Elbe and Weser Estuary, The Netherlands | In situ Owen tube | 0.01 - 3.50 |
| Van Leussen & Winterwerp (1990) | Kaolinite in salt water | Delft flume | 0.48 - 0.85 |
| Van Leussen & Cornelisse (1993) | Ems Estuary, The Netherlands | In situ settling tube | 0.56 - 2.82 |
| Ten Brinke (1994a,b) | Oosterschelde Estuary, The Netherlands | In situ settling tube | ≤10.0 |
| Valuer et al (1996) | The Sound, Denmark and Sweden | Sediment traps | 0.04 |
| Hill et al (1998) | Glacier Bay, Alaska | In situ settling tube | 2.21 |
| Winterwerp (1998) | Ems Estuary, The Netherlands | Laboratory settling tube | 0.09 - 1.80 |
| Hill et al (2000) | Eel River Estuary, USA | Fitting method | 0.06 - 0.10 |
| Van der Lee (2000) | Dollard Estuary, The Netherlands | Video in situ | 2.70 |
| Jahmlich et al (2002) | The south-west Baltic Sea | Fitting method | 0.60 - 3.00 |
| Shi & Zhou (2004) | Changjiang Estuary, China | Fitting method | 1.00 - 3.00 |

### 5.4.2.2   Phase 2: SeDep Deposition Monitoring

In the second phase, SeDep systems (Figure 43) were deployed to monitor deposition events within the footprint defined by the DPS units. This phase involved pre-deployment preparation, SeDep deployments, performance verification measurements, and SeDep retrieval.

Preparation: Preparation of the SeDep systems included the setup, testing and programming of the sensors, and the preparation of the sediment traps. Setup of the sensors involved opening the pressure housing, installing new batteries, re-sealing the housing, pre-filling the pressure plate and plumbing with water and purging any residual air, and closing the pressure plate valves as described in the manual (Figure 44). Testing the systems was done by connecting a laptop and monitoring the pressure sensor, opening the valves with the unit submersed in still water, and placing one of the calibration mats (1/8 inch rubber) on the pressure plate to make sure the system was responding as expected. After completing, the valves were reclosed and the system was kept submersed. Programming the system involved clearing and data from memory, setting the sampling interval, and setting the start time for data recording. Preparing the sediment traps required cleaning the interior, exterior, mesh and caps, securing the mesh over the top, filling the trap ~2/3 full of brine solution, and covering with the cap. After the traps were prepared, they were placed in a rack that held them vertically in preparation for deployment.

Deployment: Deployment of the SeDep system was performed by diver. Deployment locations were based on DPS measurements to identify the locations of interest. The procedure required first installing the sediment trap (Figure 45), then installing the SeDep sensor, then mounting the data logger to the sediment trap stake. Installation of the pressure sensor was done by taking the system from the boat down to the sediment surface with the valves open. At the bottom, the system was gently manipulated to make sure any residual air bubbles were out, and then the valves were closed. The flat pressure plate was then gently inserted into the sediment to a depth of about 7.5 cm using the stainless steel handles. The pressure plate was aligned so that the plate was flat (horizontal) with the flexible side pointing up. Care was taken to minimize sediment disturbance, damage to the flexible membrane, and to assure that the system was as level as possible. The burial depth was then confirmed with a ruler. Any disturbance to the sediment was carefully smoothed out.

The cable and data logger were then be moved to a distance about 2 meters away from the sensor where the sediment trap was installed. The data logger was mounted to the vertical stake that held the sediment trap at about mid-level with the cable running out the bottom into the sediment (Figure 46). The sediment trap cap was then removed and the deployment was complete.

Performance Verification: During the Phase 2 SeDep deployments, performance verification measures focused on deposition detection sensitivity, measurement reliability, system survivability, and ease of use. Detection sensitivity was evaluated primarily under controlled lab conditions prior to deployment, but was also assessed during field measurements based on the variability measured during quiescent periods of the deployment when no storm events, ship movements or other significant sediment transport processes were active. Measurement reliability was evaluated using the completeness of the differential pressure data from field deployments. Survivability in the field was evaluated based on successful mission completion, without major system failures or lost units during field deployments. Ease of use was evaluated based on feedback from the dive team.

<u>Retrieval:</u> The SeDep systems were deployed for an extended period of 1-2 months to capture deposition associated with multiple runoff events. Following that period, divers were deployed to retrieve the units. This involved first capping the sediment trap (to minimize any diver resuspension effects during the retrieval), collecting a shallow, undisturbed core from above the pressure plate, and then retrieving all of the equipment to the survey boat. Following retrieval, data were downloaded from the pressure sensor data loggers, the trap and core samples were processed for analysis, each unit was inspected for any physical damage, and a series of tests were run to verify that all aspects of the operation were still functional. The systems was then cleaned, disassembled and stowed in accordance with demobilization procedures and the system manuals.

**Figure 43. The SeDep sensor prior to deployment at the Oscar Pier site.**
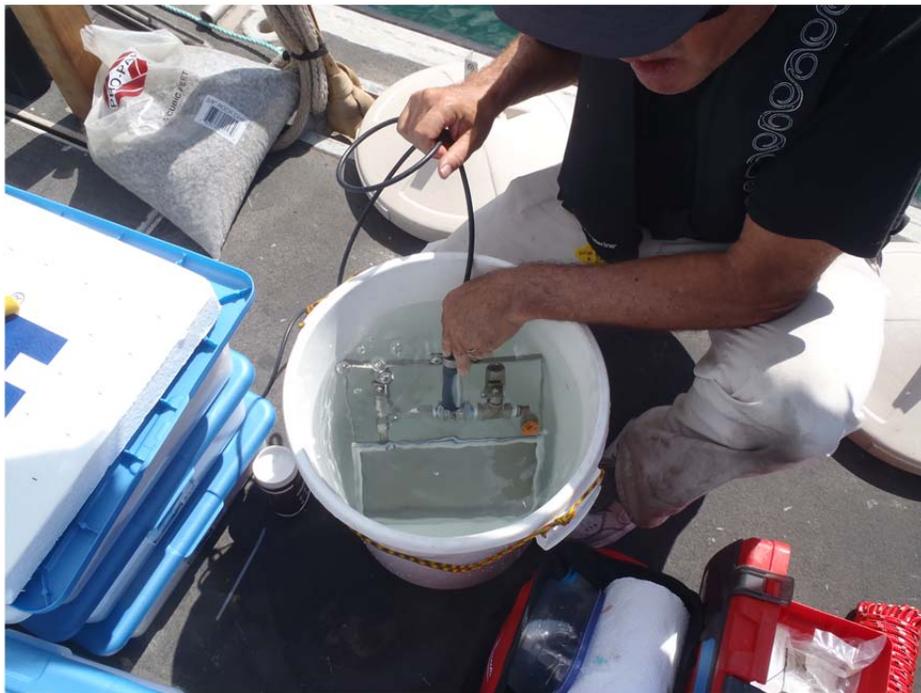


**Figure 44. Purging the pressure plate on the SeDep prior to deployment at the Oscar Pier site.**

**Figure 45. Preparing to install a sediment trap at the Oscar Pier site.**



**Figure 46. Diver deployment of the SeDep sensor and sediment traps.**

### 5.4.3 Joint Base Pearl Harbor Hickam – Waiau Power Plant Area

The field testing approach for the second DPS demonstration at Pearl Harbor focused on DPS mapping of the potential deposition footprint from a suspected historical Navy oil-water separator outfall believed to have been located at the current site of Neal S Blaisdell Park in Honolulu, HI, on the northern shore of East Loch in Pearl Harbor just east of the Waiau Generating Station (Figure 47). DPS units were deployed to map the deposition footprint associated with a suspected oil-water separator outfall along the western boundary of what was once a Navy drum storage yard and is now the park. This involved multiple components including pre-deployment preparation, DPS deployments, DPS tracking, performance verification measurements, and DPS retrieval. The field testing approach is described below.

#### 5.4.3.1 DPS Deposition Footprint Mapping

DPS units were deployed to map the deposition footprint associated with the suspected oil-water separator outfall off the Waiau area. This involved multiple components including pre-deployment preparation, DPS deployments, DPS tracking, performance verification measurements, and DPS retrieval. Because the site is very shallow, the drogues for the DPS units were modified to reduce their vertical profile dimension to about 24" (Figure 48). This allowed for operation in the shallow waters off of the park area.

Preparation: Preparation of the DPS systems included a number of steps that are detailed in the draft manual for the system. These steps consisted of physical preparation, testing, and programming. Physical preparation included preparation of Microstar drifter, the winch system, and the ancillary sensors that were planned for use with the drifter. The physical preparation of the Microstar drifter included opening up the main unit, installation of fresh batteries, re-sealing of the unit, preparation of the drogue, and connection of the winch. Physical preparation of the winch included charging of the batteries, winding on the line, mounting the winch in the central hull, mounting the central hull in the drogue, setting the bottom detection sensor depth, and attaching the winch line to the GPS float. Detailed instructions are included in the manual. The system was then ready for testing and programming.

System testing included testing of the GPS, communications, and winch systems. To test the GPS and communications, the system was placed outdoors in an area not significantly blocked by buildings. A laptop was connected to the internet and the logged in to the Pacific Gyre web-access portal. Commands were transmitted over the Iridium communications link to program the test conditions for the drifter. The output from the drifter was then monitored over the communications link to verify communications and check that the GPS positioning was working properly. To test the winch operations, the laptop was connected to the winch via the external connector on the winch. Program commands were then sent to the winch to test the communications and operations (Figure 49). Once the drifter and winch were tested, they were ready for final pre-deployment programming.

Programming of the DPS drifter system included inputting settings for the GPS sampling rate and the communications transmission rate. For these short-term deployments associated shallow water particle tracking simulations, the GPS sampling rate was set to its minimum interval to maximize the spatial resolution of the trajectory measurements. The communication interval was set to 5 minutes in order to keep track of the system, address any issues, and efficiently retrieve the unit. The winch was programmed independently of the drifter. The primary winch setting was the settling velocity. This value is dependent on the effective settling rate of the particles

that are being simulated. A table of typical in situ settling rates is shown in Table 7. For example, a recent review of effective particle settling rates for estuarine conditions suggests rates ranging from about 0.1 – 10 mm/s (Shi and Zhou, 2004), while coarser particles that might be associated with high energy stormwater runoff events could settle at higher rates in the range of 50-100 mm/s (Droppo, 2006). Given typical DoD harbor depths of 10 m, this translates into transit times ranging from about 5 minutes to 1 day.

For the case of this suspected outfall in Pearl Harbor, there was no characterization data for the outfall discharge particle composition. For the area of interest, particle size of surface sediments was observed in the sand (~40%), silt (~45%), and clay (~15%) size classes, very similar to the previous site demonstration at Oscar Pier (U.S. Navy, 2015). Given the predominance of silt, we focused on this fraction. Sand sized particles are likely to settle close the outfall, and clay sized particles are very widely distributed by transport. Silt sized particles often carry a much more significant portion of the contaminant load compared to sand. Assuming a typical silt sized particle of 10 um, we used Cheng's formula (Cheng, 1997) to estimate a typical settling rate of about 0.56 mm/s or 34 mm/min. This settling velocity was used for all of the DPS units. For 4-10 m of water depth which is typical for the area, this results in a transit time of about 2-5 hours.

Deployment: Deployments for the field testing of the DPS were spread out across the tidal cycle so that we could capture the overall extent of the potential deposition zone that was linked to the outfall. We also targeted relatively large amplitude (spring) tide conditions which captured the maximum transport range for particles from the outfall area. We deployed individual DPS units on and ~hourly schedule through a complete tidal cycle. Because we only had access to 10 systems, these releases took place by releasing and then retrieving DPS units as they made bottom contact, and then re-releasing them up to three times. An example is shown in Figure 50. To minimize operational impacts, these deployments were timed to occur on the weekend when the operational tempo was lower. The deployment location was targeted to a location corresponding to the suspected outfall, and far enough offshore to have a depth of at least 1.5 m.

Tracking: Following the release of the drifters, the systems were tracked to observe their trajectories, verify operation, and identify and rectify any problems. Tracking was performed with a cellular hot-spot installed on the survey boat, allowing internet access to the Pacific Gyre web-access portal. This allowed for real-time monitoring of the positions. At regular intervals throughout the survey, each DPS unit was revisited to check on its performance and conduct performance verification measurements as described in the next section. Tracks were uploaded and plotted on GoogleEarth® to allow visual analysis of the trajectories over time. In cases where systems became snagged on the piers, shorelines, or other obstacles, intervention was performed to return the unit to free drifting conditions. In instances where the drifter could have potentially interfered with JBPHH operations, JBPHH personnel were contacted and corrective actions was taken as necessary to insure safety and no impact to operations. In instances where a unit stopped functioning, efforts were made to locate the unit, diagnose the problem, and either return it to use or document the problem and remove it from operation.

Performance Verification: During the Phase 1 DPS deployments, a range of performance verification measures were taken. For the DPS system, we established a series of quantitative and qualitative performance objectives similar to the DrEx but adapted to the particle tracking capability of the system. GPS accuracy was automatically recorded by the units and was also compared to a high-precision sub-meter resolution GPS unit that was held alongside the drifter GPS at various intervals during the trajectories. During these position checks, water depths were

also measured for post-survey comparison to the pressure sensor on the DPS to verify that the bottom detection system was performing properly. Reliability of the communications link was measured based on the percent of time that the communications link was maintained during the survey period. The survivability of the units was determined by the percent of units that successfully completed the mission, accounting for units that were lost, disabled, malfunctioned, etc. An important aspect of the DPS system is its ability to simulate the effective rate of settling for discharge related particles during the deployment period. Reliable settling rates were monitored using the depth data from pressure sensor onboard DPS. In addition, reel-up times monitored to see if they corresponded to relatively predictable deployment periods based on the programmed settling rate and the water depth at the point of bottom contact.

Retrieval: At the end of the field survey, the DPS units were located using the real-time monitoring and retrieved to the survey boat. The deposition cycle of the drifter was confirmed by observing that the drogue was back at the surface. Data were downloaded from each unit including the high-resolution GPS and pressure data that defined the trajectory, and the bottom detection information from the tilt sensor. Each unit was inspected for any physical damage, and a series of tests were run to verify that all aspects of the operation were still functional. Any issues or deficiencies were documented. The systems were then cleaned, disassembled and stowed in accordance with demobilization procedures and the system manuals.

**Figure 47. Photo looking from the area of the former Navy drum storage site toward the suspected oil-water separator location in Pearl Harbor.**



**Figure 48. DPS system with the drogue size reduced for shallow water operations during the Waiau event.**

**Figure 49. Testing the DPS winch and preparing the unit for deployment during night operations at the Waiau site.**
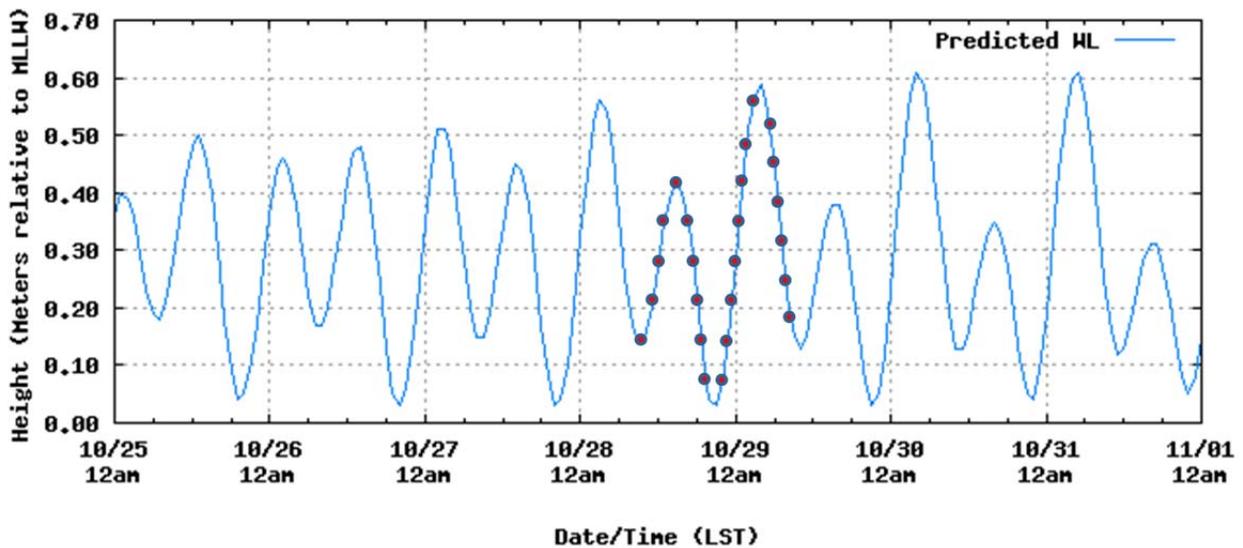


**Figure 50. Illustration of the DPS deployment sequence for Pearl Harbor Blaisdell Park deployment.**

## 5.5 Sampling Plan

This demonstration incorporated sensor measurements, water, and sampling into both direct aspects of the technologies being demonstrated, as well as the validation measures that were employed. Descriptions of the sampling plans for each of the demonstrations are provided below.

### 5.5.1 Naval Base San Diego – Paleta Creek

As outlined in the field testing description above, the demonstration at NBSD focused on demonstration and validation of the DrEx system for monitoring the transport, exposure and fate of stormwater plumes. The DrEx system incorporates a range of sensor and water sampling capabilities including positioning, temperature, salinity, pump status, composite samples and passive samples. In addition, verification measurements and sampling were part of the demonstration to quantify the performance of the system relative to established metrics. These two lines of sampling are described below.

#### 5.5.1.1 DrEx Sensor Measurements and Sampling

The DrEx system incorporates a range of sensor and water sampling capabilities including positioning, temperature, salinity, pump status, composite samples and passive samples. The system provides a significant amount of flexibility in how these measurement and samples are collected so that site specific conditions can be accommodated. For this demonstration, we were focused on characterizing the transport and exposure associated with the discharge of stormwater from an urban/industrial creek into a coastal harbor. We recorded sensor measurements from the GPS and a temperature/salinity logger attached to the drifter, along with monitoring the pump status (Table 8). These data were collected throughout the deployment at a rate of about one measurement per minute. Composite samples and passive samples were collected from the drifters (Table 8). Each drifter collected one composite sample and was fitted with metal and organic passive samplers. The composite samplers ran at a sampling rate of about 2-3 ml/min to provide a total of about 2-3 liters of sample over the 6-12 hour deployment. The DGT sampler for the metals sampled passively from a location attached to the drifter hull. The SPME sampler for the organics was housed in a Teflon tube with an independent pump to enhance the flow rate which ran continuously during the deployment. Composite samples were analyzed for metals, organics, TSS and toxicity. Baseline data and previous stormwater monitoring guided us to include copper, lead and zinc for metals analysis. Organics of interest included PAHs, PCBs and chlorinated pesticides. Toxicity endpoints targeted chronic endpoints of embryo larval development for the mussel *Mytilus galloprovincialis* and/or the sea urchin *Strongylocentrotus purpuratus*. DGT samples were analyzed for the same metals including copper, lead, and zinc, and SPME samples targeted the same organic analytes at the composite samples.

#### 5.5.1.2 DrEx Performance Verification Sensor Measurements and Sampling

Additional measurements and sampling were carried out as part of the performance verification for the DrEx. A high-precision sub-meter resolution GPS unit was held alongside the drifter GPS at various intervals during the trajectories to verify the onboard GPS performance. Plume mapping was carried out from the survey boat using a towed Conductivity, Temperature and Depth (CTD) system (Chadwick and Salazar, 1991) to verify the tracking of the plume by the drifters. Composite samples collected by the drifter were weighed before and after the event to

verify the operation of the pumping system. Verification sampling measures are summarized in Table 10.

### 5.5.1.3 Quality Control

Quality control methods including calibrations, decontamination procedures, quality assurance sampling, and sample documentation for the DrEx demonstration are described below.

<u>Calibration of Analytical Equipment.</u> Equipment requiring calibration for the demonstration included the composite sampling pump on the PAWS, the conductivity sensor on the drifter, and the conductivity sensor used for the verification mapping. The PAWS pump was calibrated by programming it to pump at different rates within the expected range for a set period of time and measuring the amount of volume pumped with a graduated cylinder. Results from this calibration were applied to the raw pump cycle data to convert it to volume. The conductivity sensors were calibrated with National Institute of Standards (NIST) standards over the range of expected values for the field study. The range for the field study was expected to be between freshwater (< 1 mS/cm) and seawater (>45 mS/cm). A three point calibration was performed using standards within this range. Analytical equipment was calibrated in accordance with the standard methods for the analysis of interest.

<u>Quality Assurance Sampling.</u> Quality assurance sampling included field duplicates, matrix spike and matrix spike duplicates (MS/MSD), and equipment blanks. Field duplicates, MS/MSDs, and equipment blanks were collected at a rate of one per ten field samples.

<u>Decontamination Procedures.</u> Decontamination procedures focused on proper preparation of sampling equipment prior to the sampling events. These procedures were generally in accordance with the standard operating procedures for the sampling and analysis methods defined for the project.

<u>Sample Documentation.</u> Sampling documentation included electronic records, sample labels, custody seals, field logbooks, log sheets, photographs, chain-of-custody forms, and laboratory logbooks.

**Table 8. Total numbers and types of samples for the DrEx demonstration at NBSD.**

| Sensor/Sampler | Source | Sampled Via | Data Parameters | Planned Sampling Rate | Expected Number of Samples |
|---|---|---|---|---|---|
| GPS | Brightwaters 121 Drifter | Iridium Modem & Post-Survey Download | Serial number, record number, data, time, GPS status, GPS wakeup time, GPS latitude, GPS longitude, External power (on or off), battery level | 1/min | 1440 per 24 hours |
| Pump Data | Brightwaters 127 PAWS | Iridium Modem & Post-Survey Download | Pump state, pump direction, volume count, internal humidity, minimum volume count, maximum volume count | 1/min | 1440 per 24 hours |
| Temperature | HOBO Conductivity/Salinity Data Logger U24-002-C mounted on drifter | Post-Survey Download | Date, time, temperature, conductivity | 1/min | 1440 per 24 hours |
| Salinity | HOBO Conductivity/Salinity Data Logger U24-002-C mounted on drifter | Post-Survey Download | Date, time, temperature, conductivity | 1/min | 1440 per 24 hours |
| Upstream Grab Sample | Dipper or Isco Sampler | Grab during first flush | Metals, organics, TSS, DOC and toxicity | Grab | 1 per event |
| DrEx Composite Sample | Brightwaters 127 PAWS | Continuous pump collection during survey | Metals, organics, TSS, DOC and toxicity | ~2-3 ml/min | 1 per drifter |
| DrEx Passive Metals Sample | DGT disc samplers mounted on drifter | Continuous passive collection during survey | Dissolved metals | N/A | 2 per drifter |
| DrEx Passive Organics Sample | SPME fibers in Teflon tube mounted on drifter | Continuous pumped/passive collection during survey | Dissolved organics | N/A | 1 per drifter |

**Table 9. Analytical methods for sample analysis for the DrEx demonstration at NBSD.**

| Sample | Analytes | Method | Holding Time | Container | Volume |
|---|---|---|---|---|---|
| DrEx Composite Water Samples and Upstream Grab Samples | Metals: Copper, Lead, Zinc | EPA 6020A | 2 days | Plastic | 250 ml |
| | Organics: PCBs | EPA 8082A/3510 | 7 days | Amber Glass | 1 L |
| | Organics: PAHs | EPA 8270D/3510 | 7 days | Amber Glass | 1 L |
| | Organics: Pest | EPA 8081B/3535 | 7 days | Amber Glass | 1 L |
| | Toxicity | Modified EPA/600/R-95/136 | 36 hours | HDPE | 1 L |
| | TSS | EPA 160.2 | 7 days | Glass or plastic | 100 ml |
| DrEx DGT | Metals: Copper, Lead, Zinc | EPA 6020A | 2 days | Plastic bag | As required |
| DrEx SPME | Organics: PCBs, PAHs, Pest | Reible and Lotufo (2012) | 14 days after extraction | Glass Vial | 40 ml |

**Table 10. Performance verification sampling for the DrEx demonstration at NBSD.**

| Sensor/Sampler | Source | Sampled Via | Data Parameters | Planned Sampling Rate | Expected Number of Samples |
|---|---|---|---|---|---|
| GPS | Trimble GeoXH | Survey boat postioned at drifter | Date, Time, GPS latitude, GPS longitude, GPS precition | 1/hour | 24/day |
| Towed CTD | Seabird conductivity, temperature, and depth profiler (CTD), outfitted with pH probe and dissolved oxygen sensor, and a SeaTech light transmissometer | Towed V-fin adjacent to survey boat | Surface water temperature, salinity, pH, dissolved oxygen, and light transmission | 1/sec | 1 transect through the plume area every 2 hours |
| Sample Volume | Mettler PE22 Precition Electronic Balance | Pre- and Post-Survey weights | Sample volume | One per samnple per survey | 10/survey |

### 5.5.2 Joint Base Pearl Harbor Hickam – Oscar Pier Area

As described in the field testing description above, the demonstration at JBPHH focused on demonstration and validation of the DPS and SeDep systems for monitoring the transport and deposition of stormwater associated particle plumes. The two systems incorporate a range of sensor and sampling capabilities including positioning, depth, bottom detection, deposition mass, and sediment trap accumulated sediments. In addition, verification measurements and sampling were part of the demonstration to quantify the performance of the systems relative to established metrics. These two lines of sampling are described below for each phase of the effort.

#### 5.5.2.1 Phase 1 DPS Sensor Measurements

The DPS system incorporates a range of sensor capabilities but currently has no active sampling system. The primary purpose of these drifters is to identify deposition footprints for particles associated with outfalls and other discharges. Sensor measurements included positioning, temperature, salinity, depth and bottom detection. For this demonstration, we focused on characterizing the transport and fate of particles associated with the discharge of stormwater from an outfall into a coastal harbor. We recorded sensor measurements from the GPS, pressure sensor, bottom detector and a temperature/salinity logger attached to the drifter (Table 11). Position data were collected throughout the deployment at a rate of about one measurement per second and stored onboard the drifter. Position data were also telemetered via the Iridium modem about every 5 minutes. Depth measurements and line spool distance and bottom detection from the winch sensors were recorded every 30 seconds. Temperature and salinity data were also recorded every 30 seconds on the logger.

#### 5.5.2.2 Phase 1 DPS Performance Verification Sensor Measurements

Additional measurements were carried out as part of the performance verification for the DPS. A high-precision sub-meter resolution GPS unit was held alongside the DPS surface float GPS at approximately one hour intervals during the trajectories to verify the onboard GPS performance. During these position checks, water depths were also measured for post-survey comparison to the pressure sensor on the DPS to verify that the bottom detection system was performing properly. Verification sampling measures are summarized in Table 13.

#### 5.5.2.3 Phase 2 SeDep Sensor Measurements and Sampling

The SeDep system incorporates sensor and sediment sampling components. The sensor measurement records a time series of sediment mass on the deposition sensor, while the sediment trap collects an integrated sample of depositing sediment over time (Table 12). A surface sediment sample is also collected from above the deposition sensor at the end of the deployment period. For this demonstration, we were focused on characterizing the deposition of particles during stormwater runoff events in the vicinity of Oscar pier at JBPHH. We recorded deposition sensor measurements from the differential pressure sensor on the SeDep at a rate of about one measurement per minute. Corresponding time-integrated sediment trap samples were collected at SeDep stations representing the entire deployment period which was about 6 weeks. At the end of the deployment, surface sediment samples were collected from above the SeDep pressure sensor plates to further characterize deposited sediments. Sediment samples were characterized for contaminants of concern, grain size, TOC, and bulk density (Table 15). Chemical analysis included copper, lead, mercury and total PCBs, the key COCs for Southeast Loch.

### 5.5.2.4 Phase 2 SeDep Performance Verification Sensor Measurements

During the Phase 2 SeDep deployments, performance verification measures focused on deposition detection sensitivity, measurement reliability, system survivability, and ease of use. Detection sensitivity was evaluated during field measurements based on the variability measured during quiescent periods of the deployment when no storm events, ship movements or other significant sediment transport processes were active. These periods were identified based on direct observations during times when the field crew was on site, and also based on weather and operational data acquired from the site. In situ evaluation of the pressure sensor response was also attempted using calibration mats (rubber or vinyl sheeting) placed on top of the sensors by divers at the end of the deployment to check the in situ response to a known loading. These placements will be performed over approximately a one hour period (Table 14).

### 5.5.2.5 Quality Control

Quality control methods including calibrations, decontamination procedures, quality assurance sampling, and sample documentation for the DPS and SeDep demonstration are described below.

Calibration of Analytical Equipment. Equipment requiring calibration for the demonstration included the SeDep pressure sensor, and the conductivity sensor on the drifter. The SeDep pressure sensor was calibrated by submerging the unit in water and placing known weights on the pressure plate over the range of expected deposition. Results from this calibration were applied to the raw differential pressure data to convert it to mass. The conductivity sensors were calibrated with NIST standards over the range of expected values for the field study. The range for the field study is expected to be in the seawater range (~45 mS/cm). A three point calibration was performed using standards within this range. Analytical equipment was calibrated in accordance with the standard methods for the analysis of interest.

Quality Assurance Sampling. Quality assurance sampling included field duplicates, MS/MSDs, and equipment blanks. Field duplicates, MS/MSDs, and equipment blanks were collected at a rate of one per ten field samples.

Decontamination Procedures. Decontamination procedures focused on proper preparation of sampling equipment prior to the sampling events. These procedures were generally in accordance with the standard operating procedures for the sampling and analysis methods defined for the project.

Sample Documentation. Sampling documentation included electronic records, sample labels, custody seals, field logbooks, log sheets, photographs, chain-of-custody forms, and laboratory logbooks.

**Table 11. Total numbers and types of samples for the Phase 1 DPS/SeDep demonstration at JBPHH.**

| Sensor/Sampler | Source | Sampled Via | Data Parameters | Planned Sampling Rate | Expected Number of Samples |
|---|---|---|---|---|---|
| **Phase 1 DPS** | | | | | |
| GPS | DPS Drifter Float | Iridium Modem & Post-Survey Download | Device name, data, time, GPS status, GPS latitude, GPS longitude | Every 2 seconds onboard; Every 5 minutes telemetered | 43200 per 24 hours |
| Drogue Depth | DPS Winch Pressure Sensor | Post-Survey Download | Drogue depth | Every 30 seconds | 2880 per 24 hours |
| Line Payout | DPS Winch Pressure Sensor | Post-Survey Download | Line length | Every 30 seconds | 2880 per 24 hours |
| Bottom Detection | DPS Winch Pressure Sensor | Post-Survey Download | Sensor angle | Every 30 seconds | 2880 per 24 hours |
| Temperature | HOBO Conductivity/Salinity Data Logger U24-002-C mounted on drifter | Post-Survey Download | Date, time, temperature, conductivity | 1/min | 1440 per 24 hours |
| Salinity | HOBO Conductivity/Salinity Data Logger U24-002-C mounted on drifter | Post-Survey Download | Date, time, temperature, conductivity | 1/min | 1440 per 24 hours |

**Table 12. Total numbers and types of samples for the Phase 2 DPS/SeDep demonstration at JBPHH.**

| Sensor/Sampler | Source | Sampled Via | Data Parameters | Planned Sampling Rate | Expected Number of Samples |
|---|---|---|---|---|---|
| | | Phase 2 SedDep | | | |
| GPS | Trimble GeoXH | Survey boat postioned at station marker | Date, Time, GPS latitude, GPS longitude, GPS precition | At deployment | One time |
| Depostion mass | SedDep pressure sensor | Post-Survey Download | Deposition mass | Raw 1/min, averaged to 1/hour | 1440 per 24 hours, averaged to 24 per 24 hours |
| Depostion mass and chemistry | SedDep Sediment Trap | Post-Survey Collection | Depostion mass, organics, metals, particle size, TOC, bulk density (dependent on available mass) | One time | Composite 3 traps from each station |
| Depostion chemistry | Diver core at SedDep pressure plate | Post-Survey Collection | Depostion mass, organics, metals, particle size, TOC, bulk density (dependent on available mass) | One time | Composite 3 cores from each station |

**Table 13. Performance verification sampling for the Phase 1 DPS/SeDep demonstration at JBPHH.**

| Sensor/Sampler | Source | Sampled Via | Data Parameters | Planned Sampling Rate | Expected Number of Samples |
|---|---|---|---|---|---|
| | | Phase 1 DPS | | | |
| GPS | Trimble GeoXH | Survey boat postioned at drifter | Date, Time, GPS latitude, GPS longitude, GPS precition | 1/hour | 24/day |
| Water Depth | Speedtech Depthmate Portable Sounder | Post-Survey Download | Water depth | 1/hour | 24/day |

**Table 14. Performance verification sampling for the Phase 2 DPS/SeDep demonstration at JBPHH.**

| Sensor/Sampler | Source | Sampled Via | Data Parameters | Planned Sampling Rate | Expected Number of Samples |
|---|---|---|---|---|---|
| **Phase 2 SedDep** | | | | | |
| Depostion sesnitivity | SedDep pressure sensor | Post-Survey Download | Pressure sensor variability | During quiescent periods | As available |
| Depostion sensor response | SedDep pressure sensor | Post-Survey Download | Deposition mass for known weight | At end of deplpoyment | 3 replicate per station |

**Table 15. Analytical methods for sample analysis for the DPS/SeDep demonstration at JBPHH.**

| Sample | Analytes | Method | Holding Time | Container | Volume |
|---|---|---|---|---|---|
| SedDep sediment trap and core samples | Metals: Copper, Lead, Mercury | EPA 6020A (copper, lead); EPA 7471B (mercury) | 2 days | Plastic | 250 ml |
| | Organics: PCBs | EPA 8082A | 7 days | Glass | 250 ml |
| | TOC | EPA 9060 | 28 days | Glass | 250 ml |
| | Grainsize | ASTM D422-63 | 28 days | Plastic | 500 ml |
| | Bulk density | ASTM D1895 | 1 year | Glass | 250 ml |
| Upstream and receiving water samples | Metals: Copper, Lead, Mercury | EPA 200.8 (copper, lead); EPA 1631E (mercury) | 2 days | Plastic | 250 ml |
| | Organics: PCBs | EPA 8082A | 7 days | Amber Glass | 1 L |
| | TSS | EPA 160.2 | 7 days | Glass or plastic | 100 ml |
| | Particle Size | Laboratory LISST | 7 days | Glass | 1 L |

## 5.6 Sampling Results

Sampling results from the field demonstrations are presented below. Results are organized by technology and field event. The DPS and SeDep results are presented together for the Pearl Harbor Oscar Pier demonstration because they were used in an integrated manner.

### 5.6.1  DrEx Demonstration Results

The primary data collected from the DrEx systems included position data, sensor data and sample data. Position data were used to define the trajectory of the stormwater plume. Analysis of these data consisted of geospatial display and analysis. Geospatial display was performed using standard geographic information system (GIS) tools including ArcGIS, MatLab and GoogleEarth. These analyses were used to provide a visual display of the receiving water areas that are influenced by the stormwater plume. Spatial analysis tools were used to calculate statistics related to travel distance, dispersion, and area of influence. Sensor data from the DrEx included temperature and salinity from the onboard data logger. These data were examined to determine the relative fraction of stormwater in the surface plume, the change in that fraction over time, and the degree to which the DrEx systems stayed within the stormwater plume. Source and background water endpoint characteristics for temperature and salinity were used to support this analysis. Results from the chemical and toxicological analysis of the composite and passive samples were used to calculate statistics related to exposure and effects associated with the discharge plume.

Verification data for the DrEx demonstration included sub-meter resolution GPS data and plume mapping data from the survey boat using a towed or profiled CTD system. Differences between the paired samples from the drifter and verification GPS data sets were analyzed to evaluate the accuracy of the DrEx trajectory data. This analysis focused on the statistics of the root-mean-square (RMS) location differences. Plume mapping data from the towed/profiled CTD were used to produce a series of spatial maps of temperature and salinity. These maps were overlaid with the DrEx positions to qualitatively evaluate the correspondence of the trajectories with the observed location of the discharge plume. Reliability of the DrEx communications link was analyzed to determine the percent of time that the communications link is maintained during the survey period. The survivability of the units was calculated as the percent of units that successfully completed the mission, accounting for units that were lost, disabled, malfunction, etc. Analysis was also performed to compare the programmed sample volumes to the actual collected volumes. Results for each of the two DrEx field demonstration events are presented below.

### 5.6.1.1  Jan 5-6, 2016 Storm Event

Precipitation and Tides: The first DrEx demonstration survey was conducted during a storm event on Jan 5-6, 2016 at the mouth of Paleta Creek at NBSD. The hydrograph for the storm (Figure 51) shows that the rainfall came in two main waves with the main wave occurring between about 08:00 and 15:00 on 1/5/16, and the second smaller wave coming between about 12:00 and 14:00 on 1/6/16 (after the drifters had been retrieved). The

cumulative rainfall for the first wave was about 45 mm. Ten drifters were released into the first flush of this event at the mouth of Paleta Creek. The first flush was identified by monitoring the salinity at the mouth of the creek. Ten DrEx systems were released during the period from 13:34 to 14:11 on 1/5/16. The systems were allowed to drift for an exposure period of approximately 12 hours. The tide was flooding during the release period, and cycled from flood to ebb and back to flood during the drift period (Figure 51). Tidal range was on the order of 1 m during the event.

DrEx GPS Tracking: Trajectories for the DrEx systems are shown in Figure 52. Nine out of the ten DrEx units provided trajectory data, while one unit (109) shut down and did not record trajectory data due to a malfunction with the magnetic reed switch. The drifters followed a fairly similar path toward the southwest from the release point and along the northern side of the Mole Pier until reaching the pier head. At that point, five of the systems transited around the end of the Mole Pier to the south (along the ship channel) and into the area between the Mole Pier and Pier 10. The other four systems returned into the original area between the Mole Pier and Pier 8. The systems that transited to the south into the Mole Pier/Pier 10 area generally eddied around within the pier area with three ending up near the head of the Mole Pier, and two ending up further in adjacent to a ship that was moored on the south side of the Mole Pier. Of the systems that returned to the Mole Pier/Pier 8 area, three transited all the way back into the creek mouth area, close to the original release point, and one eddied off to the north near Pier 8 and ended up in the central portion of the outer pier area.

A number of useful characteristics can be extracted from the trajectory data including travel distance, speed, and spreading rates. These metrics provide insight into the scale, movement and dispersion of the stormwater plume. Results for travel distance and average speed are shown in Figure 53 and Figure 54, respectively. The travel distance results show that the waters associated with the first flush traveled distances ranging from about 2.3 – 3.7 km with an average distance of about 3.1 km. Given that the distance from the release point at the mouth of Paleta Creek and the pier head is about 0.9 km, this means that the drifters essentially transited about three times this distance during the 12 hour tracking period. Thus the exposure area associated with the first flush is relatively large and extends well outside the immediate area of the discharge. The average transit speed during the deployment ranged from 5.4 – 8.7 cm/s with an overall average of 7.1 cm/s. This is generally consistent with expected tidal current velocities in the area, but see also the subsequent discussion regarding the variation in speed with time. The results also indicate that drifters released during the mid-portion of the first flush were more likely to be retained in the Mole Pier/Pier 8 area, while drifters released during the beginning and later parts of the event were more likely to transit to the Mole Pier/Pier 10 area. This is in spite of the fact that the units were all released within a span of about 36 minutes. This suggests that water parcels that are initially located quite close together can become widely separated within a matter of hours following discharge. See further discussion of this below.

Results for the spreading distance and patch size are shown in Figure 55 and Figure 56, respectively. The spreading distance was estimated based on the root-mean-square distance from the drifter cluster centroid, and the patch size based on the mean-square distance, where the drifter cluster centroid is average location of all the drifters in the

cluster. Separate estimates were made for the DrEx cluster that stayed in the Mole Pier/Pier 8 area and the cluster that transited to the Mole Pier/Pier 10 area, as well as the analysis for the combination of all drifters. For the case of all drifters, the spreading and patch size growth was minimal during the early portion of the transit, and then increased fairly dramatically at about Julian Date 5.73 (where Julian Date refers to the numerical day from 1-365 of the year 2016). During the subsequent period up to about Julian Date 5.9 the group grew considerably with the mean displacement from the centroid growing from about 30 m to 300 m, and the patch size growing from less than 1000 $m^2$ to about 95000 $m^2$. After this time, the overall group size grew at a slower rate, eventually reaching a patch size of about 130000 $m^2$ at the end of the 12-hour survey period.

The spreading was also evaluated independently for clusters that separated into the Mole Pier/Pier 8 and the Mole Pier/Pier 10 areas. These clusters showed similar behavior with the clusters gradually growing in displacement and patch size up to about Julian date 5.9. After that time, the Mole Pier/Pier 8 cluster continued to grow and then stabilized toward the end of the survey, while the Mole Pier/Pier 10 cluster re-converged with the displacement and patch size shrinking. Also evident in both of the clusters are shorter periods of divergence and convergence that may to be associated with the frontal behavior described in the sensor data analysis section below.

The DrEx trajectories can also be examined with respect to the influence of tidal condition. As previously described (Figure 51), the tide was flooding during the drifter release and subsequently cycled through an additional ebb and flood cycle during the 12-hour deployment. Figure 57 shows the trajectories for individual drifters with the tidal condition overlaid on the path. The tidal overlays indicate that the drifters generally flowed out of the creek mouth area under the influence of the stormwater flow in spite of the flood tide condition. As the drifters exited the narrower channel area near the creek mouth, they slowed and circled through a clockwise eddy near the Mole Pier shoreline, then continued toward the main channel as the flood tide weakened. Most of the drifters reached the edge of the main channel at the pier head as the tide approached slack high water. At this point all of the drifters turned south along the channel, with four of the units re-entering the Mole Pier/Pier 8 area, and the other five continuing to transit south and into the Mole Pier/Pier 10 area as the tide transitioned to ebb. Interestingly, the four drifters that re-entered the Mole Pier/Pier 8 area continued to transit back into the creek mouth area in spite of the fact that the tide was ebbing, and the creek was still flowing (weakly).

Overall, the GPS tracking data from the DrEx systems provided a clear visualization of the area of the bay with connectivity to the stormwater plume, the spatial and time scale of the plume, the rate of movement of the plume, the rate of spreading of the plume, and the relationship to complex forcing from the stormwater and the tide. These are all key aspects in understanding the complex nature and extent of the stormwater exposure associated with the stormwater discharge event.
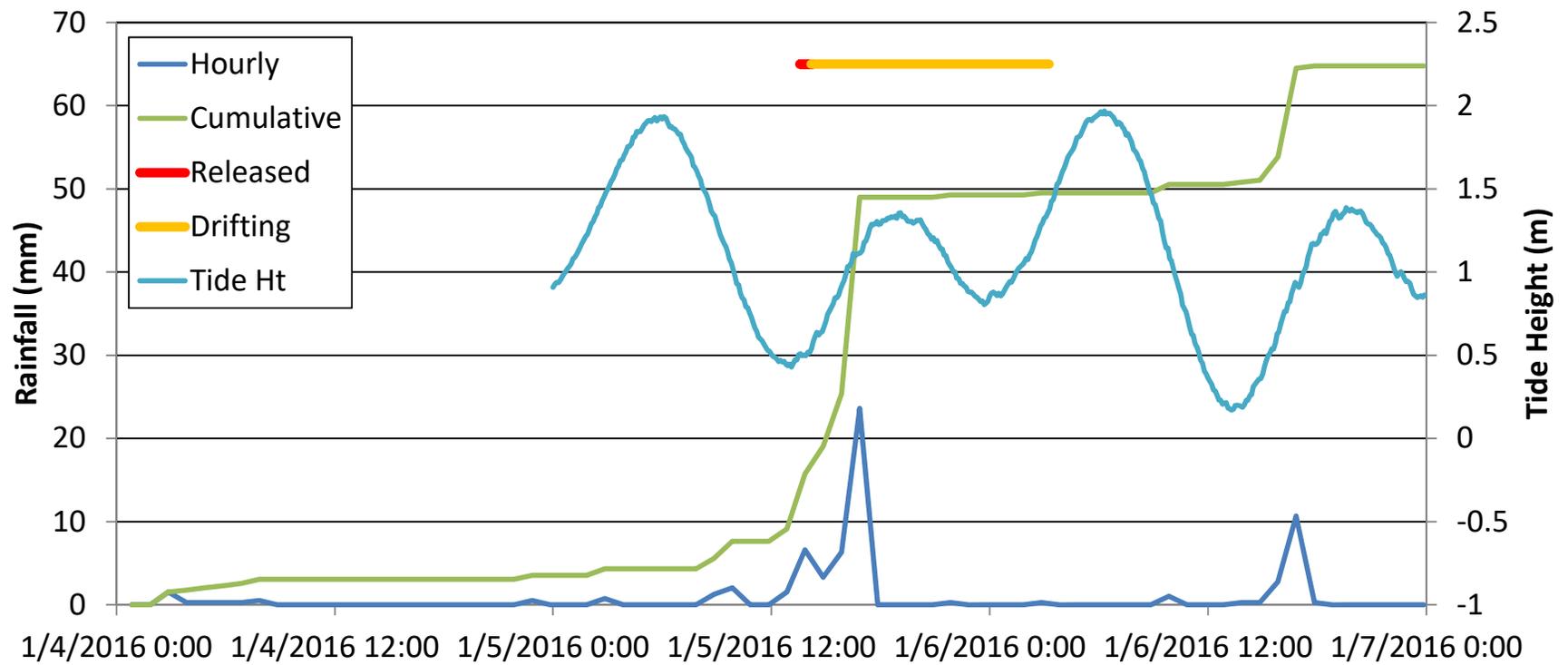
**Figure 51. Hydrograph and tides for the Jan 5-6, 2016 storm event relative to the drifter release and transit periods.**
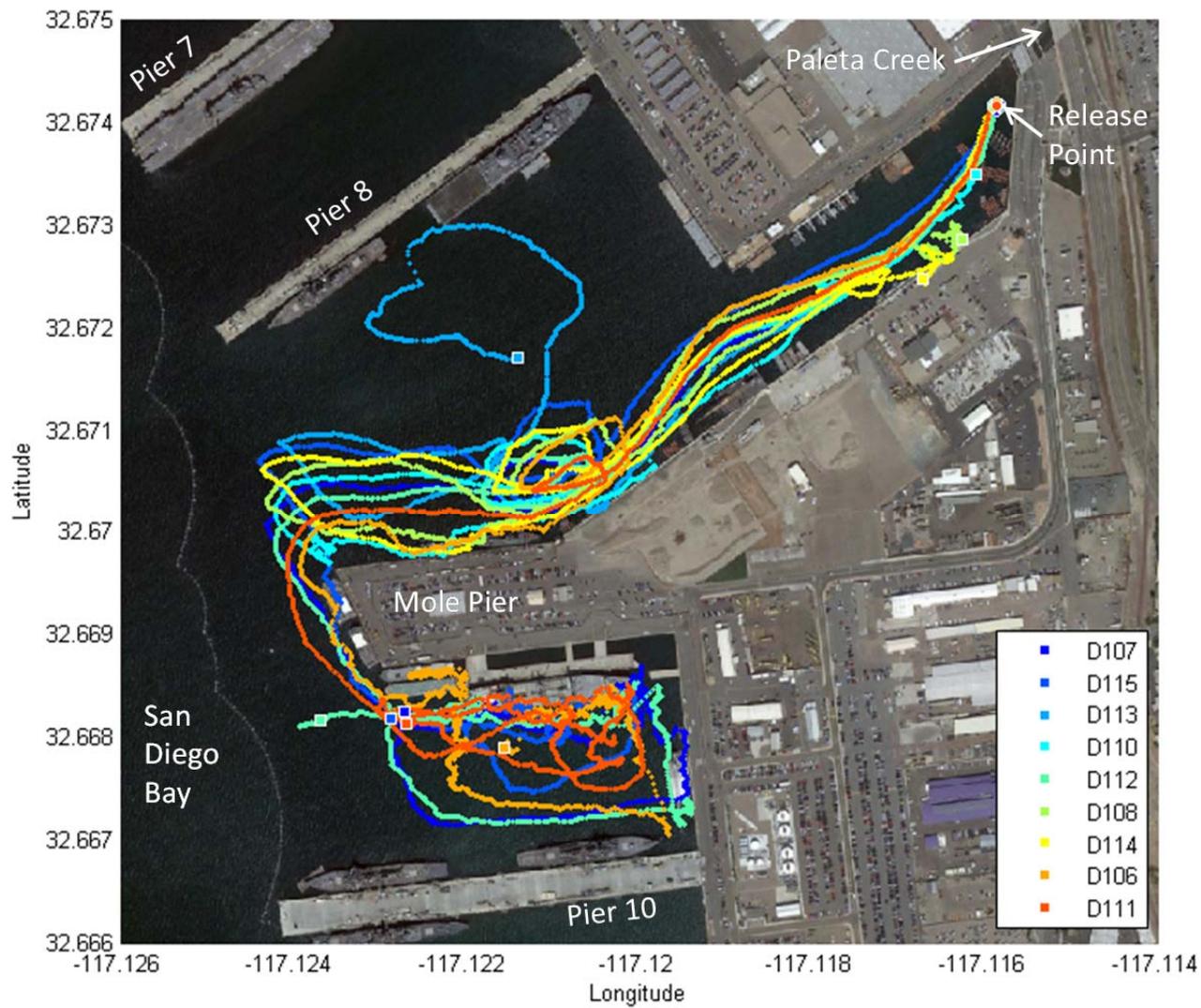
**Figure 52. DrEx trajectories for the first-flush release during the Jan 5-6, 2016 event.**
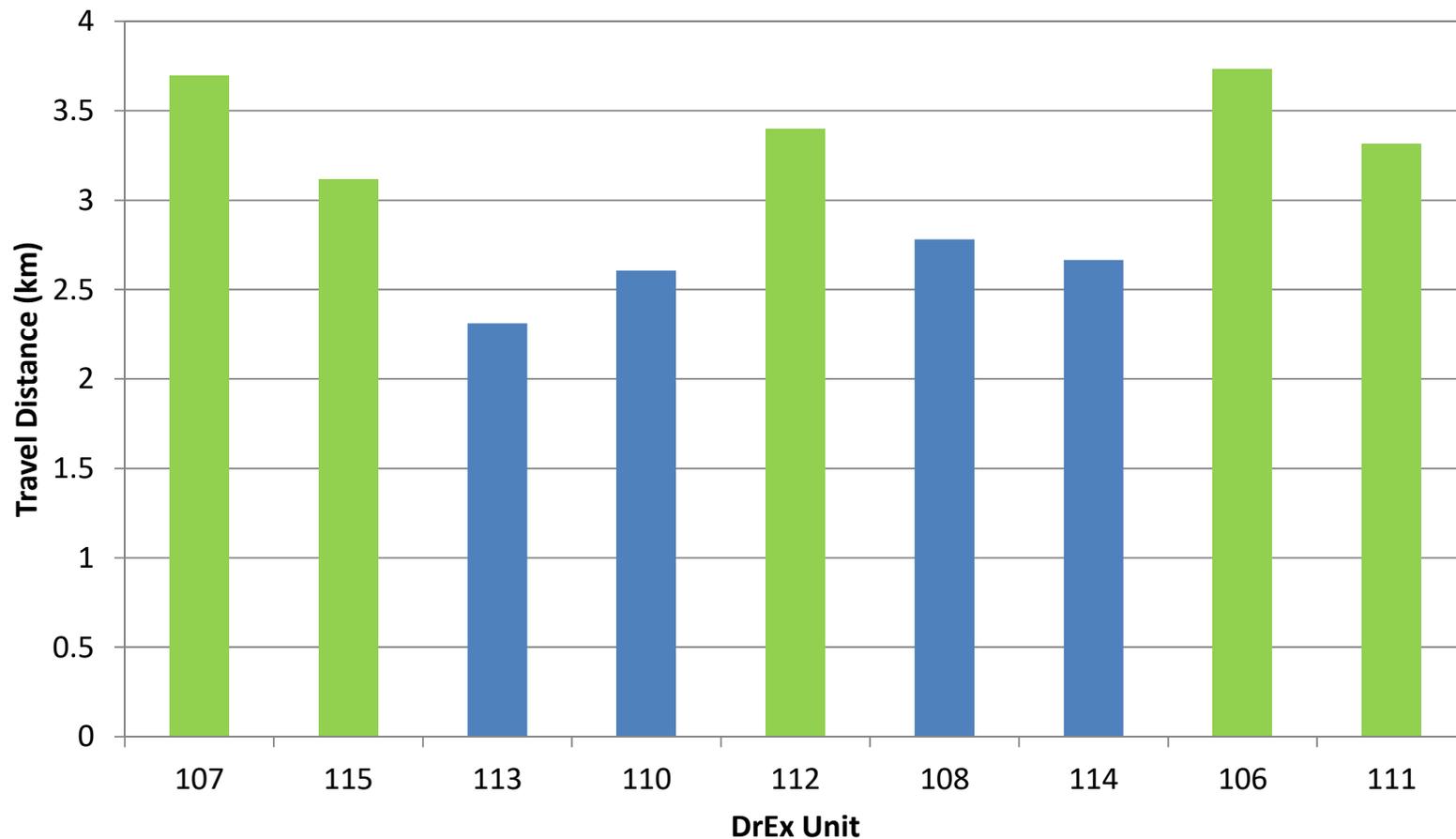
**Figure 53. Total travel distance for each of the DrEx units released during the Jan 5-6, 2016 event. Shown in order of release from left to right. Green bars indicate drifters that stayed in the Mole Pier/Pier 8 area, and blue bars indicated drifters that transited to the Mole Pier/Pier 10 area.**
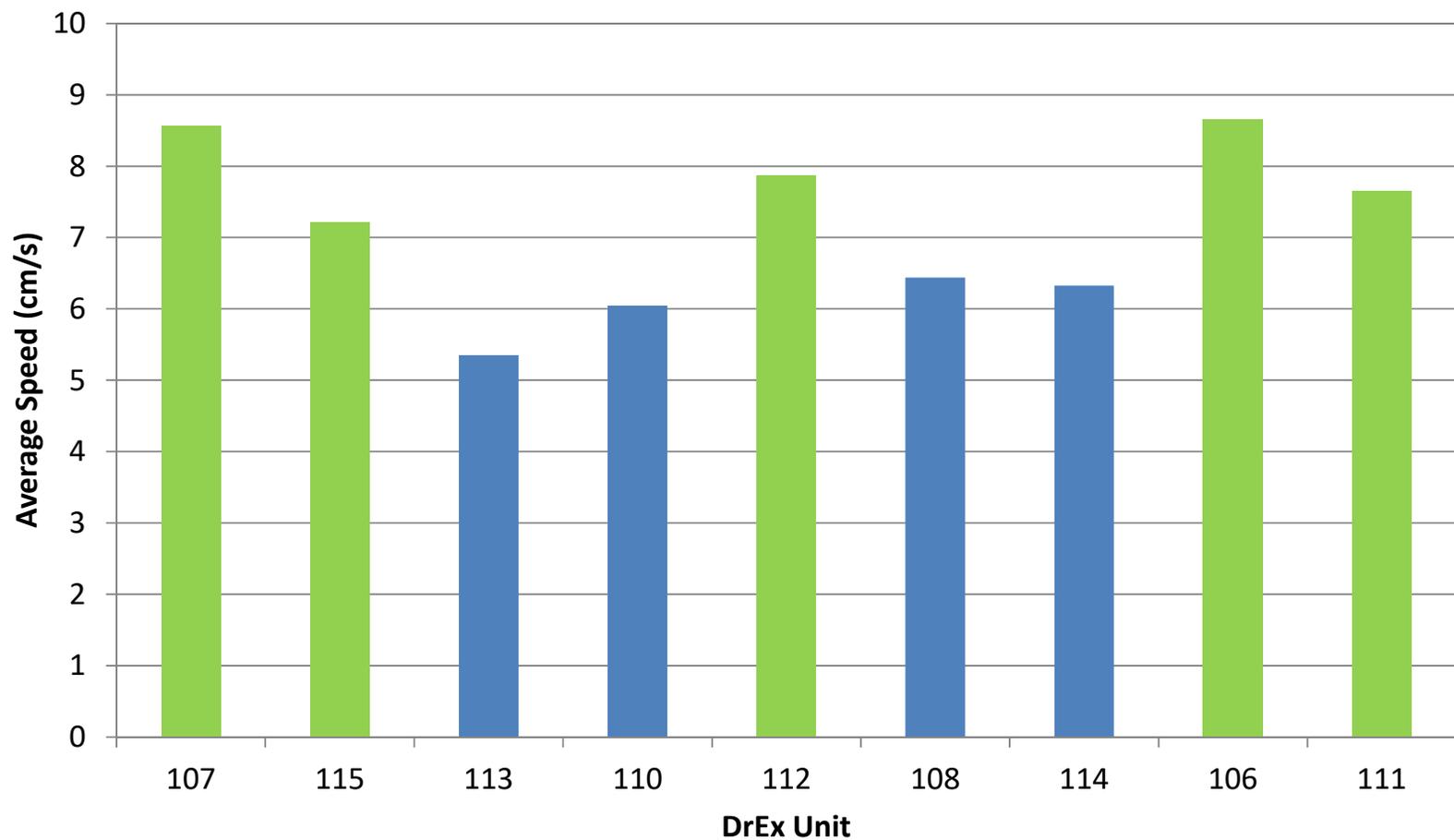
**Figure 54. Average speed for each of the DrEx units released during the Jan 5-6, 2016 event. Shown in order of release from left to right. Green bars indicate drifters that stayed in the Mole Pier/Pier 8 area, and blue bars indicated drifters that transited to the Mole Pier/Pier 10 area.**
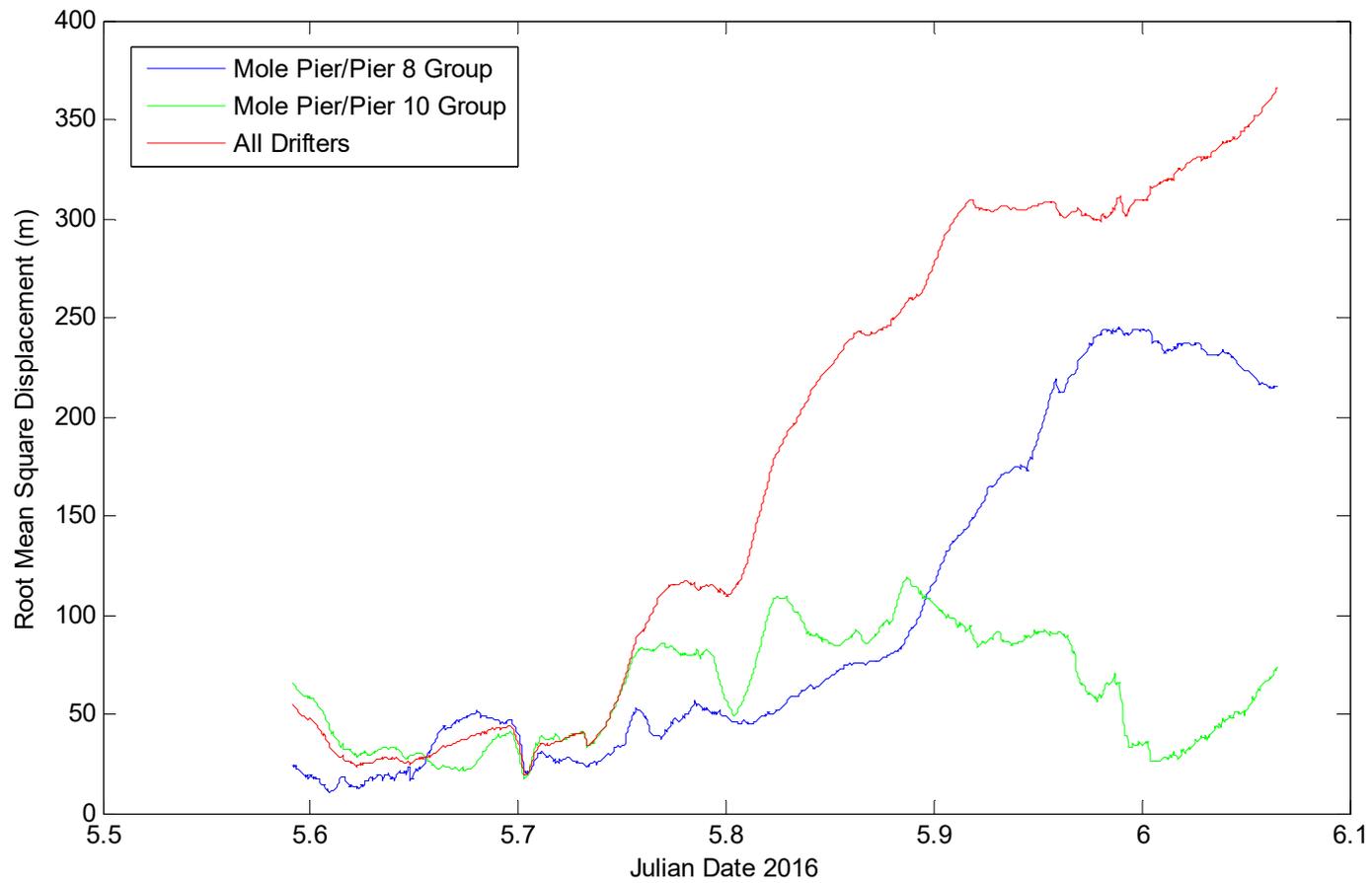
**Figure 55. Drifter cluster spreading as root-mean-square displacement from the cluster centroid for the two drifter clusters during the Jan 5-6, 2016 event.**
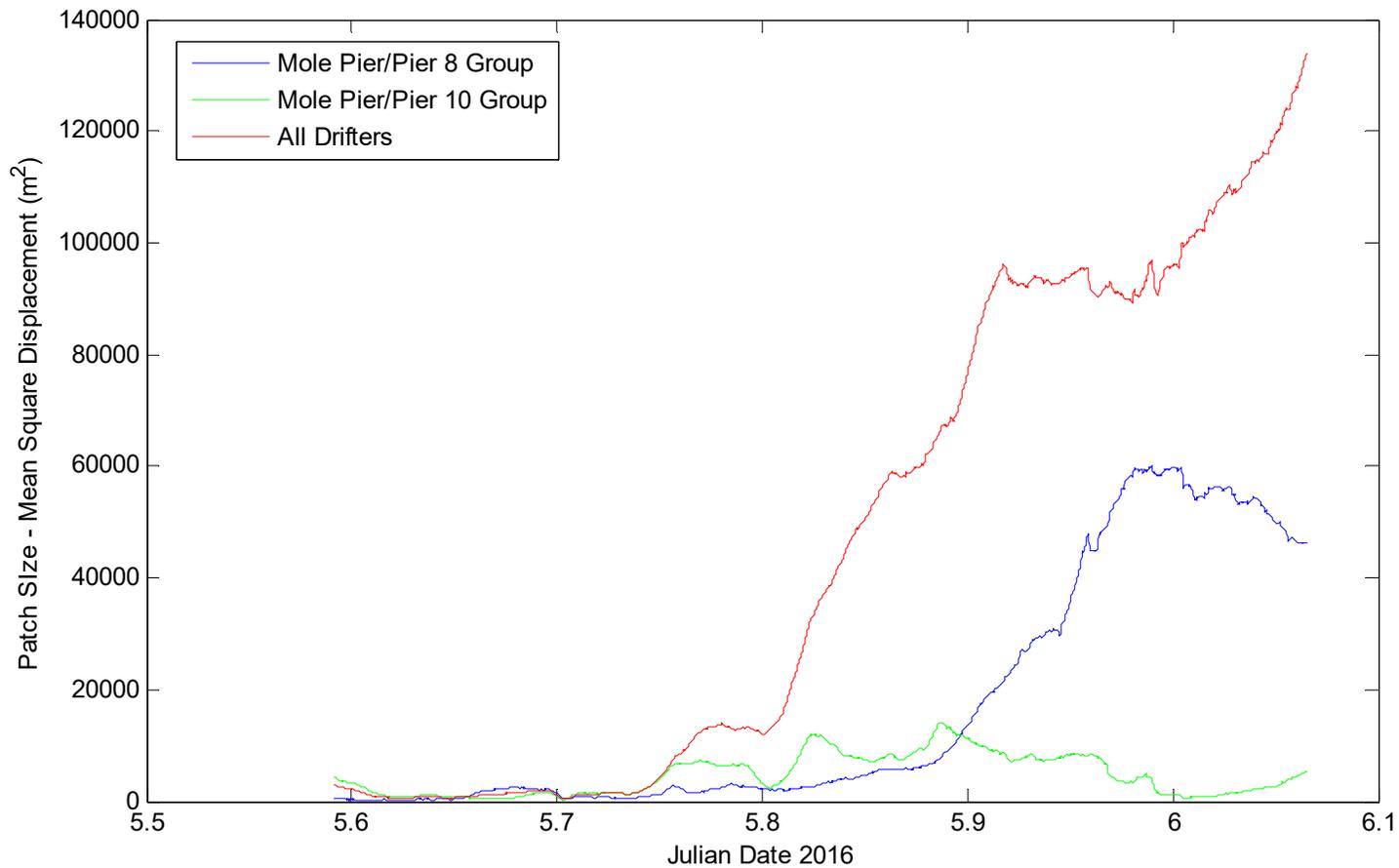
**Figure 56. Drifter patch size as mean-square displacement from the cluster centroid for the two drifter clusters during the Jan 5-6, 2016 event.**
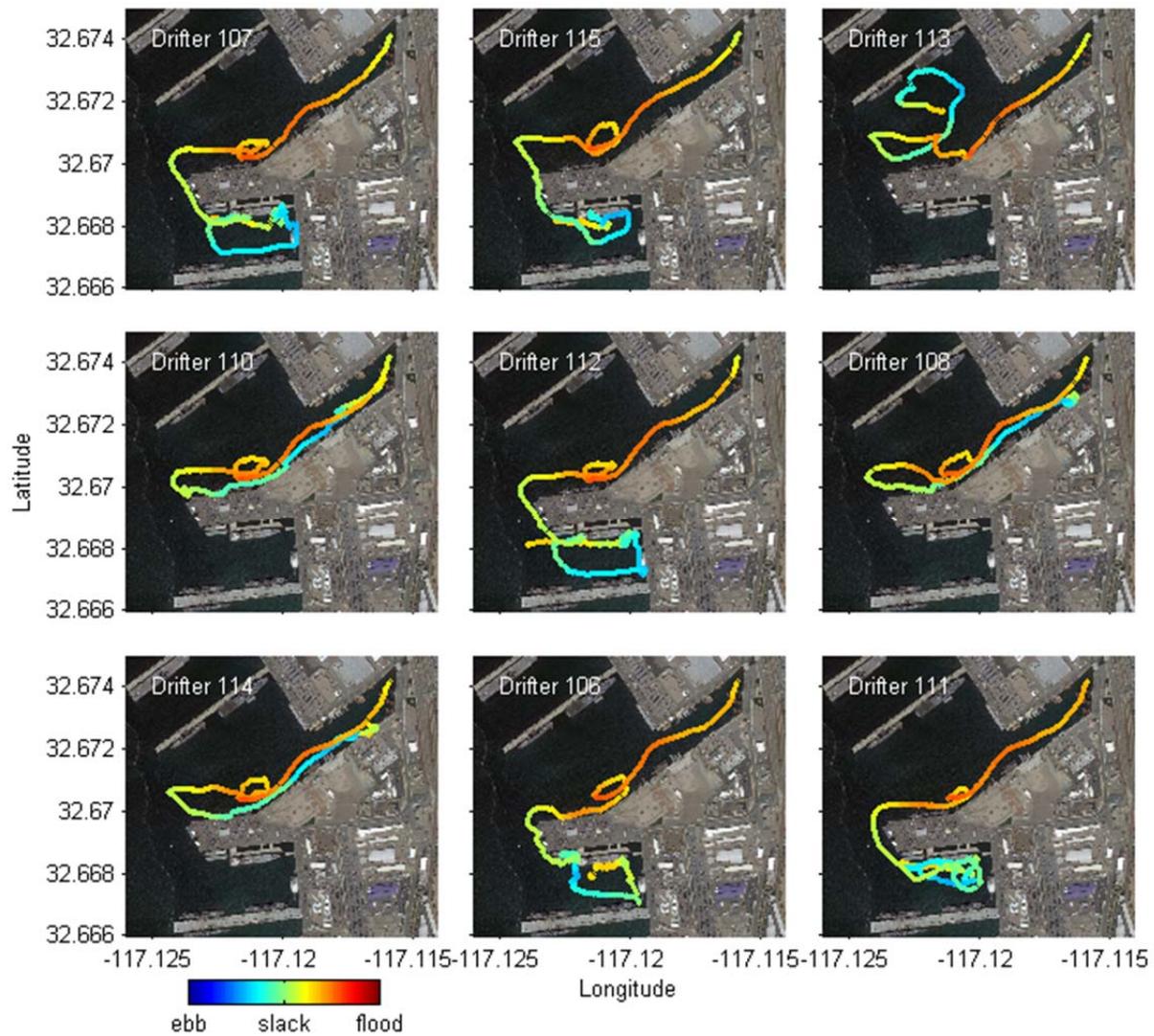
**Figure 57. Individual DrEx trajectories with tidal stage overlaid as color code per the color bar.**

DrEx Sensor Data: Sensors mounted on the DrEx units recorded temperature and salinity continuously during the survey event. Evaluation of this data focused primarily on the salinity data because it provides a direct indicator of the presence of the stormwater plume and the degree of mixing with bay water. Results for the sensor data are described below.

Salinity time-series results for the DrEx sensors are shown in Figure 58. All ten of the drifters provided usable sensor data including 109, even though no position data were collected for the unit. The time-series results indicated that the drifters generally stayed within the plume based on the salinity levels remaining well below ambient bay levels. Values were generally low and then rose within the first hour of transport. Values then stabilized for the drifter cluster that traveled to the Mole Pier/Pier 10 area. For the drifter cluster that stayed within the Mole Pier/Pier 8 area, the salinities tended to drop again as the drifters re-entered the area of the creek mouth.

The rapid rise in salinity that generally occurred during the first hour of transit is thought to be related to the stormwater plume dynamics at the leading edge of the plume. Because the drifters were released during the first flush condition, they tended to be located near the leading edge of the plume. The combination of the buoyancy driven flow of the freshwater trying to spread out over the more saline bay water, and the shear force on the underside of the plume as it rides over the bay water results in a downwelling condition at the leading edge of the plume (Figure 59). Within the plume, freshwater moves toward this downwelling front, but when it reaches the front, it tends to recirculate back beneath the plume under the influence of the shear on the bottom of the plume. Because the drifters cannot follow the downwelling, they tend to ride out toward the leading edge of the plume and become trapped in the downwelling zone. In this zone, the salinity can drop significantly over very short spatial scales. Mixing can also be quite dramatic in this area. The drifters may move back and forth across this front resulting in some of the variations in salinity observed in the time series.

In addition, while Paleta Creek is by far the largest source of stormwater in the immediate pier areas where the drifters were located, there are numerous other small storm drains that discharge into the area. As the drifters transited under the influence of the plume and tidal currents, it is likely that they also encounter the low salinity zones associated with these other discharges. Thus they provide a unique integration of the exposure that occurs under real field conditions.

The salinity sensor data can also be combined directly with the DrEx trajectory data to provide spatial maps of the salinity zones encountered along the trajectories (Figure 60). These maps provide a visual indication of the variation in strength of the stormwater exposure over the period of the event. The salinity data can also be used to calculate the stormwater fraction along the drifter tracks as

$$SW = 1 - \frac{S}{S_o}$$

where *SW* is the fraction of stormwater within the plume, *S* is the measured salinity, and $S_o$ is the background bay water salinity (~33.75 psu). Results for the stormwater fraction are shown in Figure 61. The results show that while the stormwater fraction often started close to 100% at the time of release, the plume was quickly diluted with bay water even

within the narrow channel area near the creek mouth such that the stormwater fraction was generally reduced to within the range of 20-40%.

In general, the sensor data from the DrEx units were very useful in evaluating the dynamics of the stormwater plume, the dilution of the plume over time, and the influence of other stormwater sources in the general vicinity.
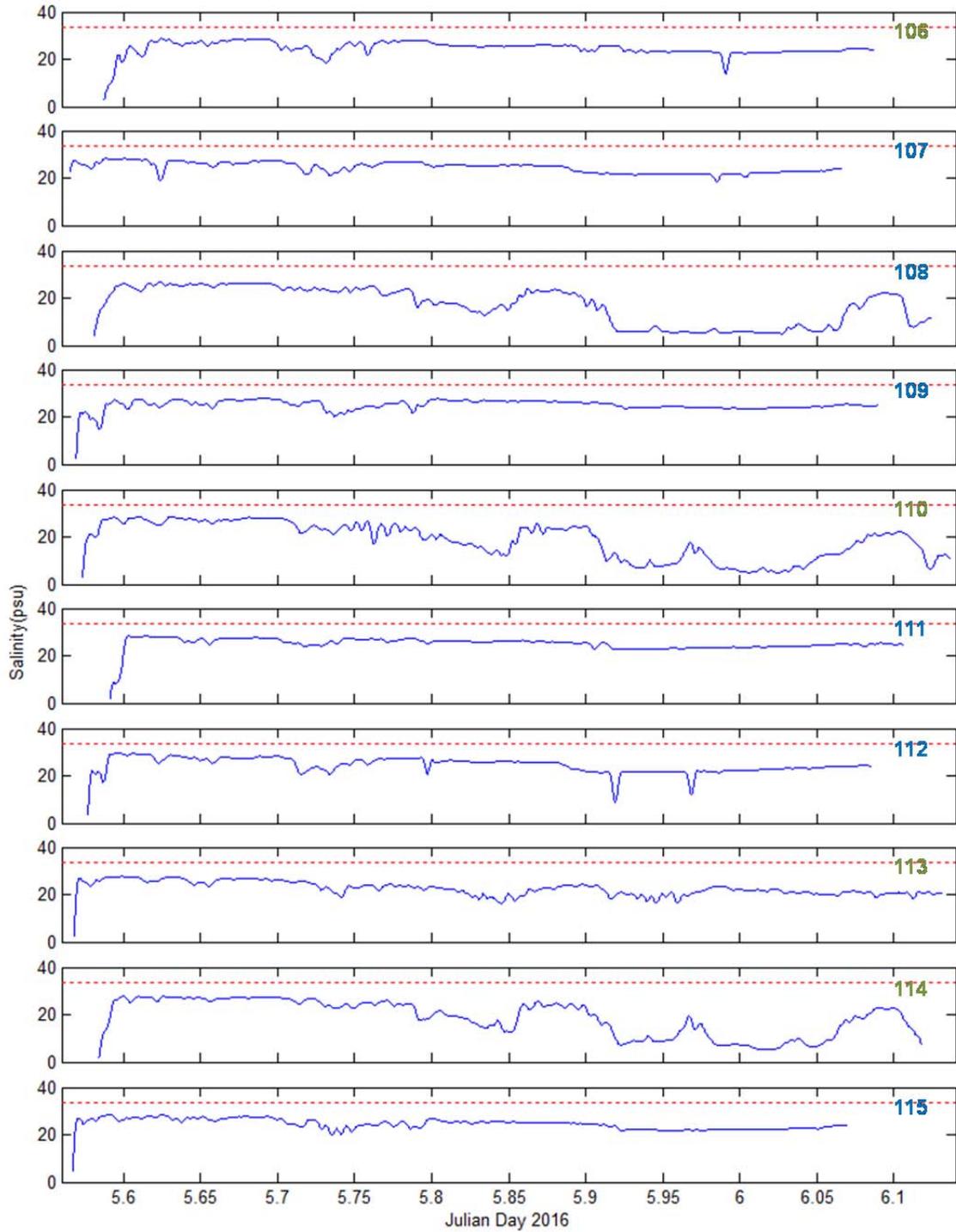
**Figure 58. Time series of salinity for the ten DrEx units released during the Jan 5-6, 2016 event. Blue line is salinity and red dotted line is the background salinity level of the bay. Drifter numbers are shown in the upper right of each time series with green text indicating the Mole Pier/Pier 8 cluster, and blue indicating the Mole Pier/Pier 10 cluster.**
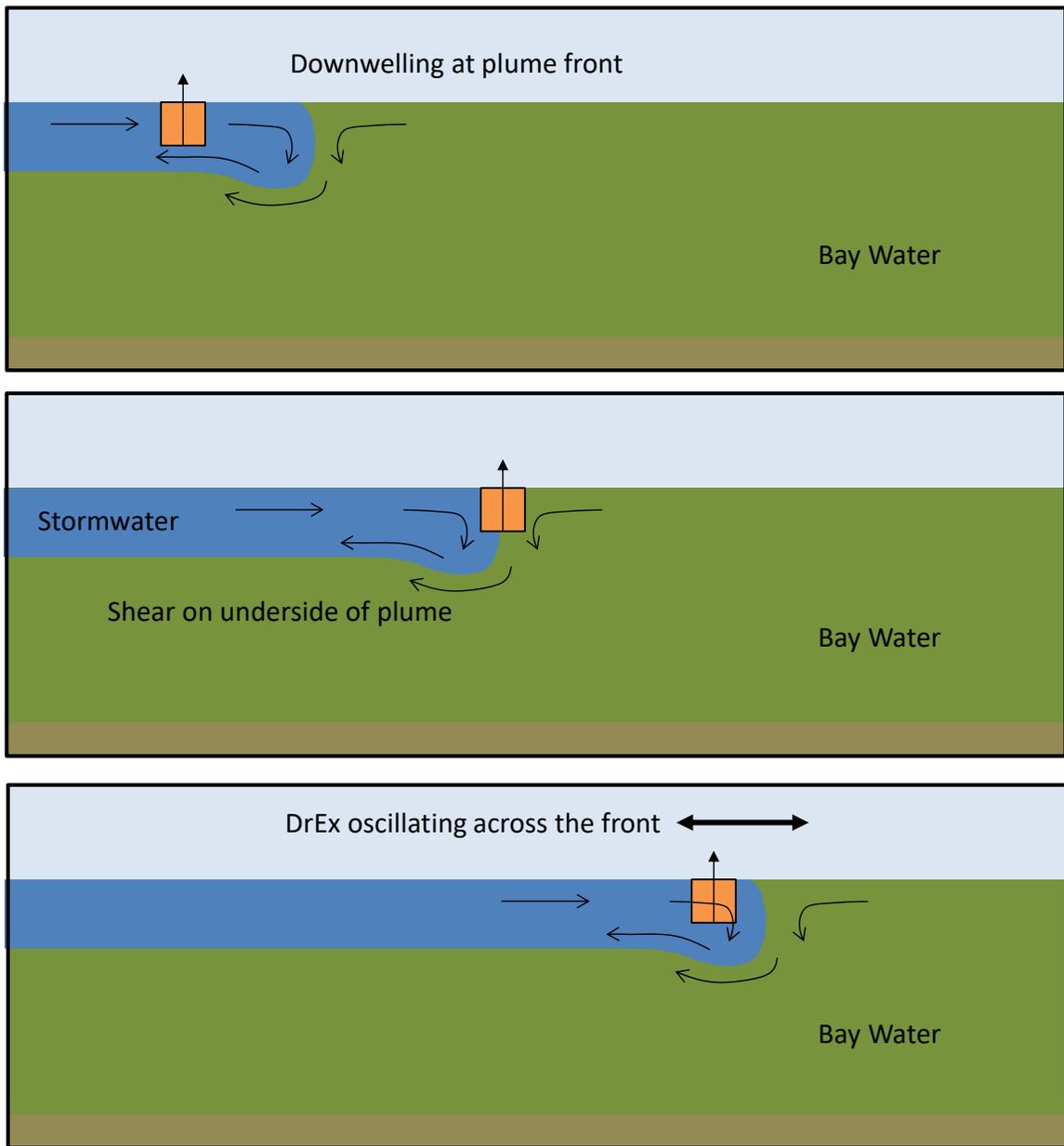
**Figure 59. Conceptual model of the influence of the plume dynamics on drifter movement and resulting salinity fluctuations.**
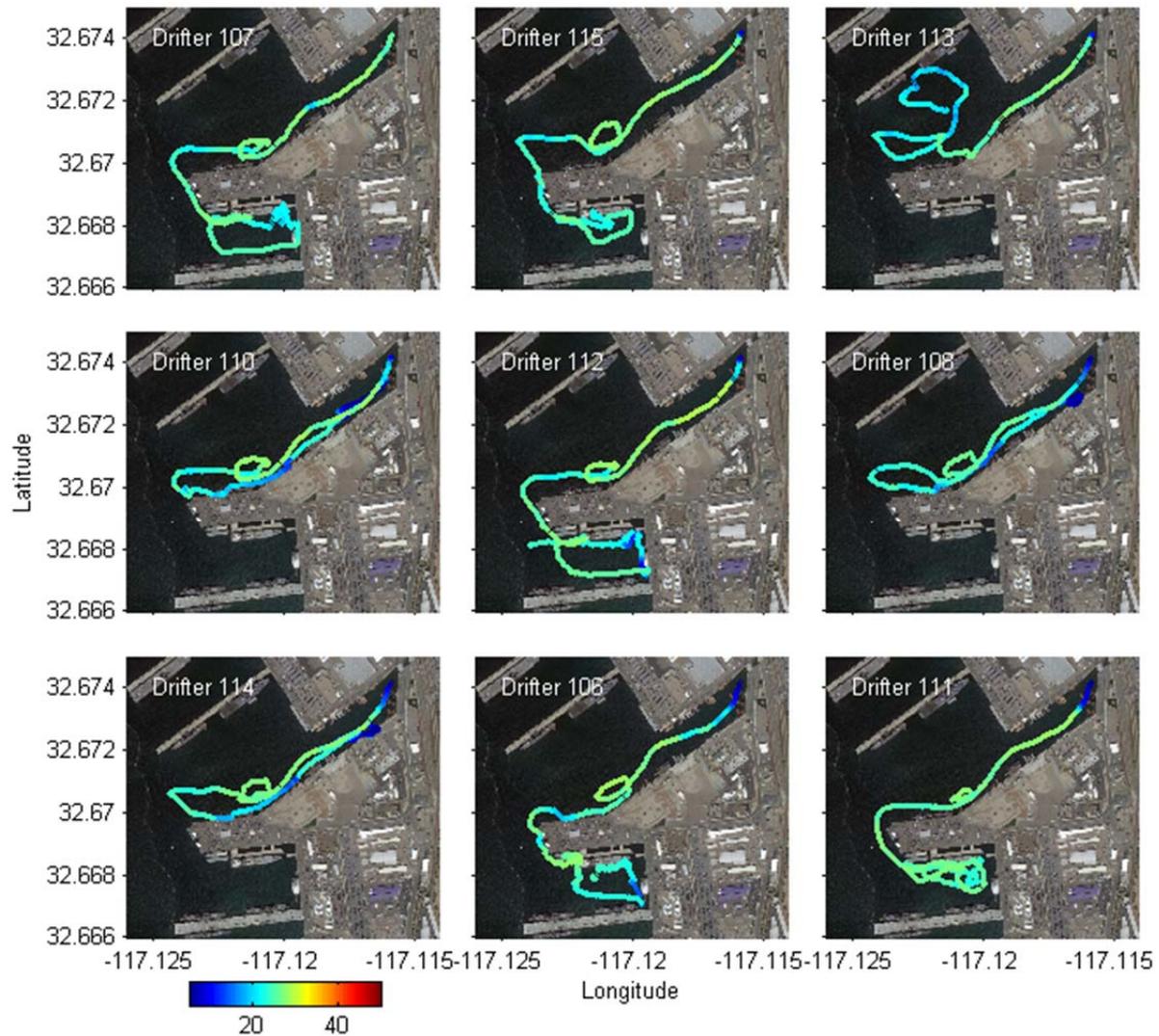
**Figure 60. Individual DrEx trajectories with overlaid salinity for the Jan 5-6, 2016 event. Color bar indicates the salinity scale.**
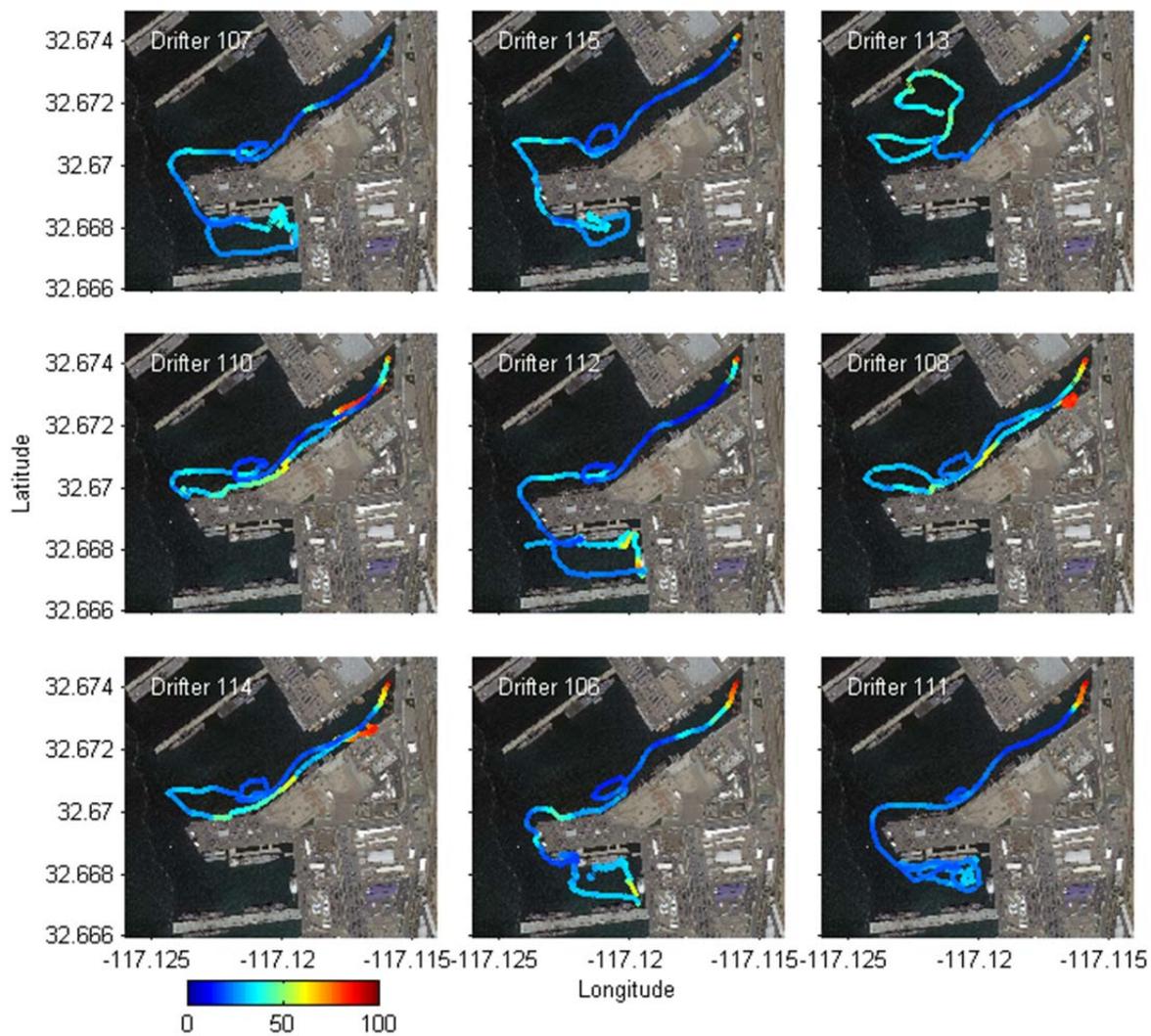
**Figure 61. Individual DrEx trajectories with overlaid stormwater fraction for the Jan 5-6, 2016 event. Color bar indicates the percent of stormwater.**

DrEx Composite Samples: A unique aspect of the DrEx system is its ability to collect composite samples while drifting and tracking the stormwater plume. This sampling capability allows for both chemical and toxicological characterization of the exposure that occurs in the surface waters of these stormwater plumes. This exposure is much more characteristic of the exposure that would be expected for the sensitive larval stage of species such as fish and mollusks that inhabit the bay.

For the Jan 5-6,2016 storm event, composite samples were successfully collected by eight of the DrEx units (106,107,108,110,111,112,113 and 114). Faulty tube connections, bag leaks, and magnetic switch malfunctions all impacted the sampling to some degree. The sample for unit 113 was successfully collected and weighed, but subsequently the sampling bag developed a leak while the sample was in storage, and the volume was lost. Thus chemistry and toxicity results were obtained for a total of seven DrEx units. In addition, grab samples were collected at the mouth of the creek at the time of first flush when the drifters were released. An equipment blank was also collected.

Chemistry results for the samples described above are summarized in Table 16 and Figure 62 through Figure 66. Samples were analyzed for chemicals of interest for the Paleta Creek TMDL including TSS, metals (copper and zinc), PCBs, PAHs and the chlorinated pesticides Dichlorodiphenyltrichloroethane (DDT) and Chlordane. TSS concentrations ranges from a high of 276 mg/L in the discharge sample to a low of 10.7 mg/L in the DrEx-106 unit composite sample. Results for TSS show the expected high level of particulate in the discharge from Paleta Creek but significantly reduced levels in the DrEx composite samples. The reduction in particle load between the discharge and the 12-hour composite samples averaged about 94%. The average TSS concentration for the DrEx composite samples was 17.9 mg/L which is still significantly higher than typical background conditions.

Similar patterns were observed for total concentrations of metal and organic contaminants. Highest concentrations for all contaminants were observed in the first flush discharge sampler. Total copper concentrations were about 92% lower in the composite samples compared to the discharge and total zinc concentrations were reduced by about 88% on average. For Total PCBs, DDX, and Chlordane, concentrations were reduced to levels below detection limits. For Total PAHs, DrEx composite samples were about 98% lower than discharge samples. Thus overall exposure to total chemical concentrations was generally reduced by about 88-98% in the stormwater plume over a 12-hour period compared to concentrations in the first flush measured at the discharge point at the mouth of the creek.

Evaluation of the dissolved and total concentrations of metals provides some insight into the processes that influence these differences. In general, the majority of reduction in concentration for copper and zinc was related to reductions in the particulate phase (Figure 63 and Figure 64). In contrast, differences in dissolved concentrations between the discharge sample and the DrEx composite samples were minimal. This appears to reflect the fact that dissolved metal concentrations in the discharge were similar to the ambient dissolved metal concentrations in the bay, and thus dilution of the stormwater plume by ambient bay water over the 12-hour exposure had minimal influence on the dissolved metal concentrations. Thus changes in total concentrations between the

discharge and the composite plume samples appears to have been primarily driven by a combination of mixing and particle settling during the evolution of the stormwater plume. The degree of reduction associated with mixing was estimated from the average salinity sensor data for each DrEx unit and the measured salinity of the discharge sample (3.32 psu) to be about 61%. Thus particle settling would have to explain the remainder of the reduction in the range of 27-37%. So both processes appear to be important in understanding the exposure in the stormwater plume.

Toxicity was also evaluated in the discharge and DrEx composite samples. Chronic toxicity testing with purple sea urchin (*Strongylocentrotus purpuratus*) embryos was performed using standardized protocols (USEPA, 1995; Table 17). For the Jan 5-6 storm event, samples from DrEx 106 and 107 resulted in toxic responses at the highest testable concentration using student's t-test when compared to laboratory controls. The Test for Significant Toxicity (TST) provided similar results and also found the sample from DrEx 114 to be significantly lower from its respective controls.

Based on the available chemistry data, it appeared that measured levels of organic contaminants were generally too low to cause toxicity. Dissolved copper and zinc levels were also generally relatively low, but in some instances were approaching levels that could cause chronic toxicity. To evaluate this, we used a linear model to related dissolved copper and zinc relative to percent normal development for the urchin embryo. Evaluating the entire data set revealed the sample for DrEx 107 as an outlier. Results for the remaining data set showed a very strong relationship (Figure 67) with 99% of the variance explained by the model. This model has the form

$$\%ND = A + B \times [Cu_d] + C \times [Zn_d]$$

where *%ND* is the toxicity as percent normal development, *A*, *B* and *C* are the weighting terms for the linear model determined by best fit to the data, and *[Cu_d]* and *[Zn_d]* are the dissolved copper and zinc concentrations, respectively. In this model, *A* is the intercept on the toxicity axis, while *B* and *C* are weights for the copper and zinc concentrations whose inverses essentially represent empirical toxicity thresholds for these dissolved metals based on the model fit to the data. Best-fit model results give

$$\frac{1}{B} = 15.5 \ \frac{\mu g}{L}$$

and

$$\frac{1}{C} = 56.8 \ \frac{\mu g}{L}$$

These values are generally consistent with the range of observed chronic toxicity thresholds for the purple sea urchin for these dissolved metals.

Overall, the composite samples from the Jan 5-6, 2016 event provided an effective means for characterizing exposure conditions within the first flush portion of the discharge plume from both a chemical and toxicological perspective.

**Table 16. Composite DrEx and grab sample chemistry results for the Jan 5-6, 2016 storm event.**

| Sample ID | TSS (mg/L) | Total Cu (ug/L) | Diss Cu (ug/L) | Total Zn (ug/L) | Diss Zn (ug/L) | Total PCB (ng/L)[a] | Total DDX (ng/L)[b] | Total Chlordane (ng/L)[c] | Total PAH (ng/L)[d] |
|---|---|---|---|---|---|---|---|---|---|
| DrEx-106 | 10.7 | 68.2 | 13.4 | 16.4 | 8.7 | ND | ND | ND | ND |
| DrEx-107 | 11.3 | 7.5 | 2.8 | 11.2 | 11.0 | ND | ND | ND | 17.2 |
| DrEx-108 | 32.2 | 8.4 | 2.2 | 18.5 | 12.3 | ND | ND | ND | 20.2 |
| DrEx-110 | 18.2 | 10.8 | 3.1 | 19.6 | 11.5 | ND | ND | ND | 32.6 |
| DrEx-111 | 12.1 | 6.3 | 2.0 | 12.2 | 8.8 | ND | ND | ND | 44.8 |
| DrEx-112 | 10.9 | 7.5 | 2.2 | 13.4 | 9.8 | ND | ND | ND | 18.8 |
| DrEx-114 | 29.6 | 13.1 | 2.0 | 47.9 | 21.1 | ND | ND | ND | 33.5 |
| First Flush Grab | 176.2 | 65.7 | 4.6 | 143.2 | 9.5 | 9.2 | 14.0 | 4.0 | 1840 |
| First Flush Grab - Dup | 375.8 | 382.2 | 10.1 | 175.5 | 10.2 | 14.2 | 15.0 | 4.0 | 1477 |
| Pre-Storm Grab | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Equipment Blank | 0.4 | 0.4 | 1.0 | 1.3 | 2.4 | ND | ND | ND | ND |
| Detection Limit | 0.1 | 0.7 | 0.7 | 1.5 | 1.5 | 0.3 | 0.3 | 0.3 | 6.6 |

a. Sum of 144 measured congeners

b. Sum of DDT, DDE and DDD

c. Sum of alpha and gamma

d. Sum of 18 measured PAHs
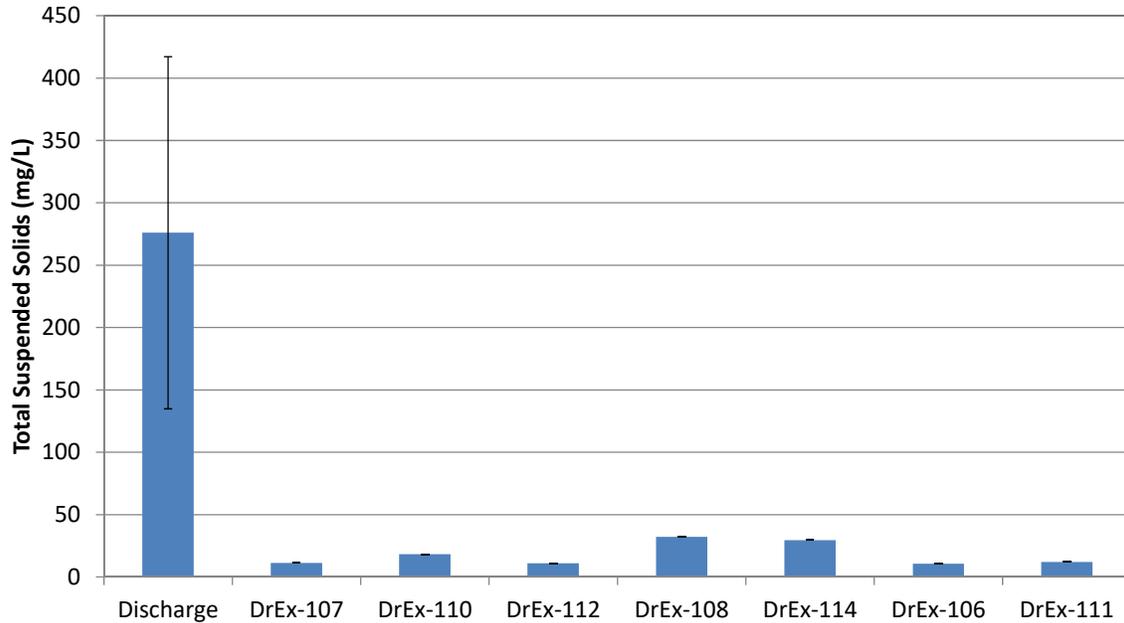
**Figure 62. Total suspended solids concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 12-hour composite samples from the stormwater plume during the Jan 5-6, 2016 event.**
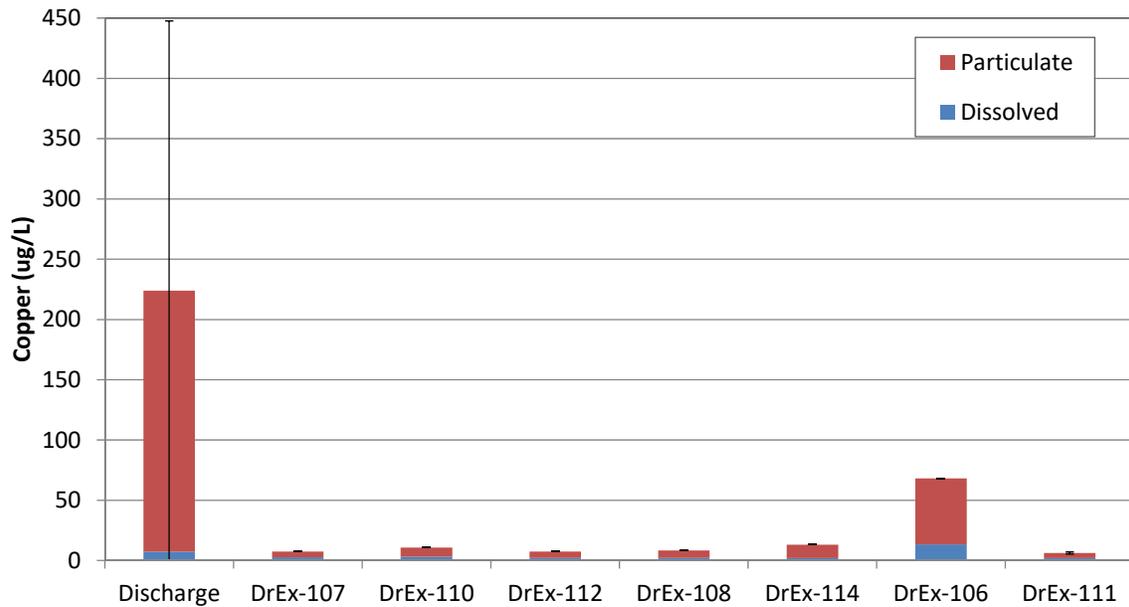


**Figure 63. Dissolved and particulate copper concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 12-hour composite samples from the stormwater plume during the Jan 5-6, 2016 event.**
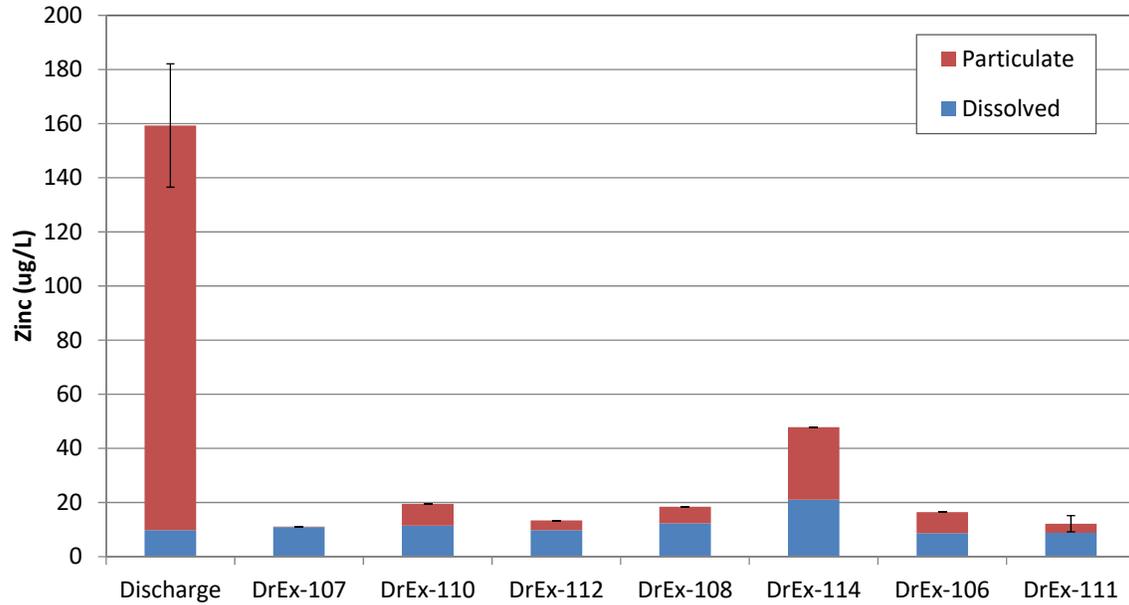
**Figure 64. Dissolved and particulate zinc concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 12-hour composite samples from the stormwater plume during the Jan 5-6, 2016 event.**
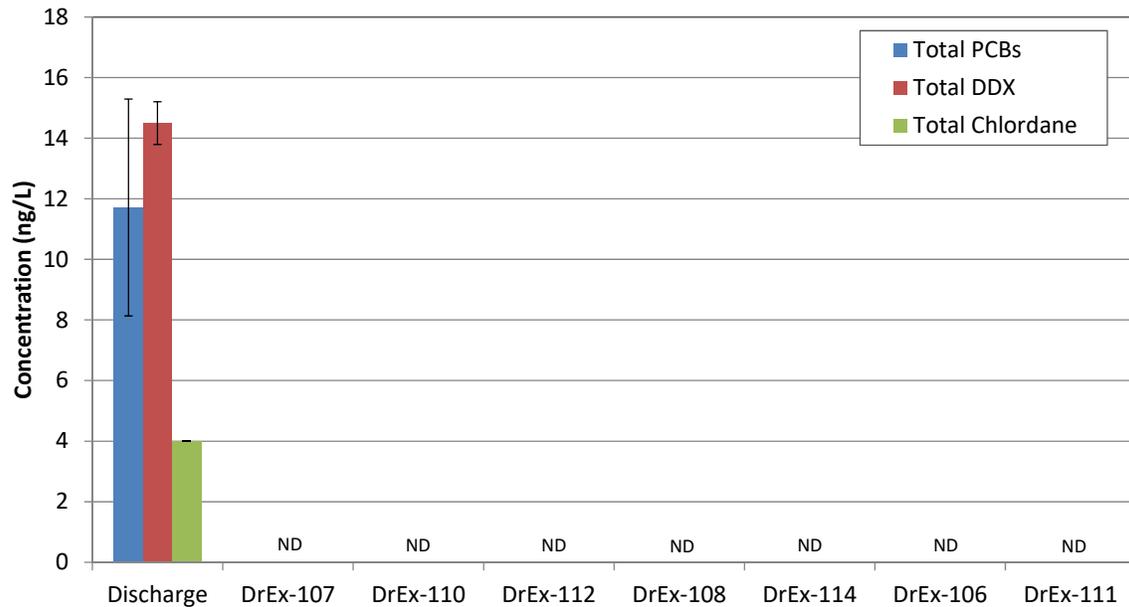


**Figure 65. Total PCB, DDX and Chlordane concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 12-hour composite samples from the stormwater plume during the Jan 5-6, 2016 event.**
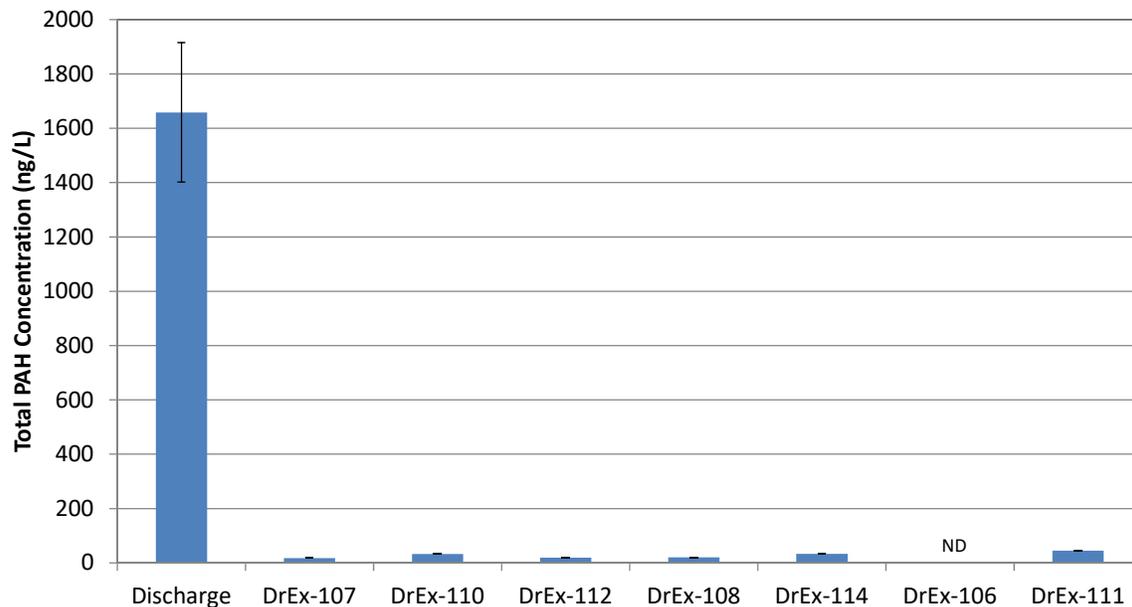
**Figure 66. Total PAH concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 12-hour composite samples from the stormwater plume during the Jan 5-6, 2016 event.**

**Table 17. Summary of toxicity results for the discharge sample and DrEx composite samples from the Jan 5-6, 2016 event.**

| Test Concentration (%) | Sea Urchin Mean 96-hr Development (% normal) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Discharge Sample | Drifter 106 | Drifter 107 | Drifter 108 | Drifter 110 | Drifter 111 | Drifter 112 | Drifter 114 |
| Lab Control | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| Brine Control | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| 10 | 83.5 | **49.0**[b] | 98.5 | 99.5 | 97.8 | 98.8 | 98.8 | 98.8 |
| 100* | **57.0**[a] | **20.0**[c] | **9.8**[c] | 89.5 | 77.3 | 93.5 | 90.5 | 71.5 |
| TST Results | Toxic | Toxic | Toxic | Not Toxic | Not Toxic | Not Toxic | Not Toxic | Toxic |

Values in **bold** indicate a statistically significant decrease compared to the brine control as determined with the student's one tailed t-test.

Level of statistical significance: a - <0.05, b - <0.01, c - ≤0.001.

tested are as follows: Ambient (83.1%), 106 (84.0%), 107 (78.2%), 108 (78.6%), 109 (74.8%), 110 (82.6%), 111 (76.3%), 112 (84.10%), 113 (84.3%), 114 (77.2%), 115 (87.0%)
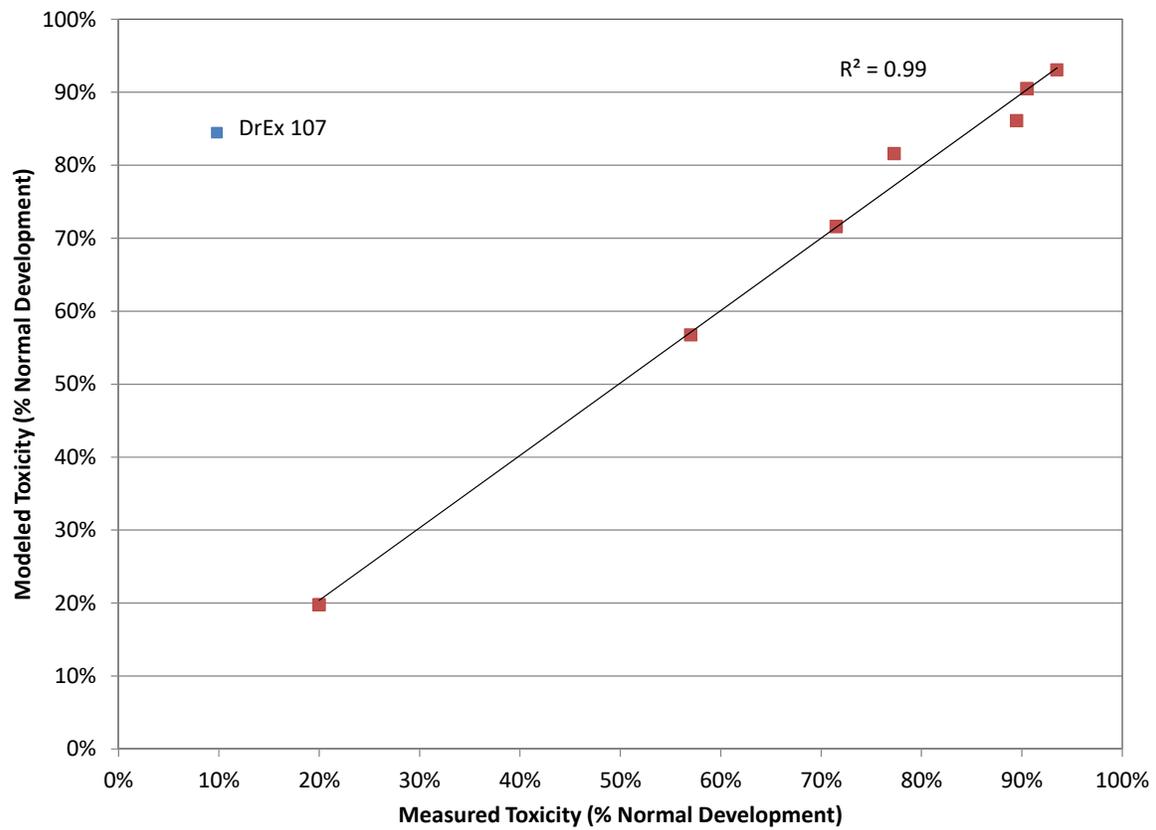
**Figure 67. Modeled vs. measured toxicity based on the linear model for dissolved copper and zinc described in the text (Jan 5-6, 2016 event).**

DrEx Passive Samplers: In addition to the composite sampling capabilities, the DrEx system can also accommodate passive samplers. For the Jan 5-6, 2016 storm event, we incorporated DGT samplers for metals, and SPME samplers for organic contaminants. The DGTs were simply attached to the drifter frame at mid depth and exposed to the stormwater plume over the 12-hour period of the event. For the SPME samplers, we enhanced the flow over the sampler by using a battery-powered pump with the SPME fibers installed in a Teflon tube in line with the pump flow.

DGT samplers were recovered from all ten DrEx units. Duplicate DGT samplers were analyzed for cadmium, copper, lead, and zinc (Table 18). Post-evaluation of the zinc results indicated that there was contamination of the DGT samples for zinc, most likely either by the acid used in the digestion, or in the DGT resin itself. Values were corrected based on bias determinations from zinc blanks run during a parallel study during the same sample batch. For this reason, the zinc results have a high degree of uncertainty. Water concentrations derived from DGT samplers are generally inferred to represent the labile fraction of the metal. For this reason, they generally have values that are a fraction of the dissolved phase concentration. Labile copper concentrations ranged from a low of 2.0 μg/L to a high of 3.1 μg/L (Figure 68), representing on average about 96% of the dissolved fraction. Labile zinc concentrations ranged from a low of 6.6 μg/L to a high of 11.1 μg/L, representing on average about 74% of the dissolved fraction. The highest labile zinc concentration occurred in the sample with DrEx unit 107 which also had a very low particulate zinc fraction, and an unexplained high level of toxicity based solely on the dissolved copper and zinc levels. Cadmium, nickel and lead levels were all relatively low and uniform across the ten DrEx samples. In general, the DGT samplers were relatively easy to adapt to the DrEx units and are well suited to exposure durations that are likely to be typical for the DrEx system.

SPME samplers were recovered from all ten DrEx units. SPME samplers were analyzed for PCBs, PAHs and chlorinated pesticides. Samplers were processed and extracted at the Space and Naval Warfare Systems Center Pacific (SSC-PAC) environmental laboratory in San Diego, California. A nominal volume of 1.6 mL of hexane was added to the amber glass vial for extraction. Unfortunately, when the vials were received at the analytical laboratory, it was found that the inadvertent use of pre-split caps on the vials had resulted in either evaporation or leakage of the hexane extract. Loss of hexane volume ranged from 43% to 96%. None of the samples arrived with fibers fully submerged. This causes uncertainty with the passive sampling results for the Jan 5-6, 2015 event. Therefore, freely dissolved concentrations were calculated for demonstration purposes only.

In an attempt to correct for the sample loss due to the split caps, we evaluated the relationship between PRC congener mass and the fraction of sample loss for each PRC (Figure 69). Our assumption was that if the leakage resulted in mass loss from the sample, then the amount of mass loss would be directly proportional to the amount of sample loss because the only source of the PRC compound in the sample should be from the spiking of the SPME fibers. Analysis of the data showed that this was the case, and that the samples fell along two linear trends, one defined by the blanks, and one defined by the DrEx field samples. The results showed the same trends for all four PCB congeners that were used as PRCs. The interpretation of these two trends was that the blank samples were not exposed in the field and thus had a different relationship than the

DrEx samples that were subject to PRC loss during the 12-hour field exposure. We also found that some of the DrEx samples (107, 108, 109 and 113) fell along the low-loss blank trend rather than the field sample trend. We interpreted this to indicate that there was likely a problem with the pumping on those samples that limited the PRC loss or some factor other than sample loss that influenced the PRC levels. Using these trends, we were able to estimate the average PRC concentration for the two groups of samples as the intercepts of the regression lines shown in Figure 69. Based on these corrected values, the samples with a clear signature of high PRC loss (106, 110, 111, 112, 114, and 115) showed reasonable values for percent of steady state reached, ranging from a high of 74% for tri-chlorinated PCBs (congener 29), to a low of 58% for hexa-chlorinated PBCs (congener 154).  Using these relationships, we were also able to develop correction factors for each of the samples to correct for the mass loss. These correction factors are summarized in Table 19.

Final corrected results for the SPME samples are summarized in Table 20 for summed PCB homologues and total PCBs. In general, PCB concentrations were below detection limits for most congeners. Total PCBs were generally less than 1 ng/L with the highest concentration of 0.54 ng/L in DrEx 115. PCBs were detected in at least one sample for congeners 132/153, 146, 147/149, 180, 183, and 187. However, with the exception of congener 180, these congeners were also detected at similar levels in at least one of the field blanks or trip blank, indicating that these low level detections are likely spurious and due to analytical artifacts, impurity in the PRC solution, or contamination in the sampling process.

PAHs and chlorinated pesticides were also analyzed from the SPME samples. Three PRCs were used for these compounds (all deuterated PAHs) including Acenaphthylene-d8, Benzo(a)pyrene-d12, and Pyrene-d10. The effects of sample loss on the PRCs and analytes were evaluated using the same method as described above for PCBs. The PAH PRCs showed similar trends with the blanks separated from the field-exposed samples. However, for PAHs, only field samples 107 and 113 showed low-loss response similar to the blanks (as opposed to 107, 108, 109 and 113 for PCBs). This suggests that variations in field samples 107 and 113 were likely due to pumping issues, while  the variation from field response in samples 108 and 109 for PCBs was likely due to some other unidentified cause. Also, while the field-exposed PCB samples showed a clear linear response with sample loss fraction, the PRC levels in field-exposed PAH samples was flat, suggesting that the samples had already lost the majority of the PRC so there was limited influence from the sample volume loss. Using this approach, we were able to estimate the average PRC concentration for the two groups. Based on these corrected values, the samples with a clear signature of high loss (106, 108, 109, 110, 111, 112, 114 and 115) showed reasonable values for percent of steady state reached, ranging from 91-100%. However, because there was no clear relationship between sample loss fraction and PRC concentration for the field exposed samples, we were unable to develop correction factors to correct for the mass loss and thus concentrations are reported based on uncorrected masses. The only corrections made were to use the low-loss field blank and trip blank regressions to correct the blank concentrations.

Final results for the SPME samples are summarized in Table 21 for total PAHs and chlorinated pesticides. In general, only PAHs and dieldrin were detected in the DrEx

samples. PAHs and dieldren were not detected in any of the blanks. Concentrations of total PAHs ranged from below detection to a high of 158.4 ng/L in DrEx 110. The average total PAH level in the six samples with detections was 106 ng/L. This is somewhat higher than the levels detected in the composite samples, but there is a relatively high level of uncertainty with the SPME results due to the sampling and processing issues discussed previously. Concentrations of dieldren ranged from below detection to a high of 0.38 ng/L. Dieldren was not detected in the composite samples, but the detection limit was significantly higher (0.3 ng/L) and thus detections would not have been expected unless they were associated with particles. Results for total chlordane and DDX were consistent between the SPME and composite sampling results in that there were no detections in any of the samples.

Overall, while still developmental, the passive sampler results indicated that there is potential for their application on these drifting exposure systems. The DGT samplers are better suited to the application because the exposure time scale is more in line with the standard DGT method. The SPME samplers have potential, but the application is not truly passive because it requires pumping, and more work is needed to better refine the method and improve the response time.

**Table 18. DGT results for the Jan 5-6, 2016 event. Units are in µg/l.**

| DrEx Unit | Cd | Cu | Ni | Pb | Zn |
|-----------|-----|-----|-----|-----|------|
| 106 | 1.9 | 2.8 | 1.4 | 0.8 | 7.8 |
| 107 | 2.1 | 3.1 | 2.1 | 0.7 | 11.1 |
| 108 | 1.9 | 2.4 | 1.2 | 0.7 | 7.4 |
| 109 | 2.1 | 2.8 | 4.8 | 0.9 | 8.7 |
| 110 | 1.9 | 2.9 | 2.8 | 0.7 | 7.9 |
| 111 | 2.0 | 2.3 | 1.1 | 0.5 | 7.1 |
| 112 | 2.1 | 2.9 | 2.0 | 0.8 | 7.9 |
| 113 | 2.0 | 2.0 | 1.7 | 0.7 | 6.6 |
| 114 | 2.0 | 2.0 | 1.7 | 0.7 | 7.4 |
| 115 | 2.2 | 2.0 | 3.2 | 0.7 | 7.6 |
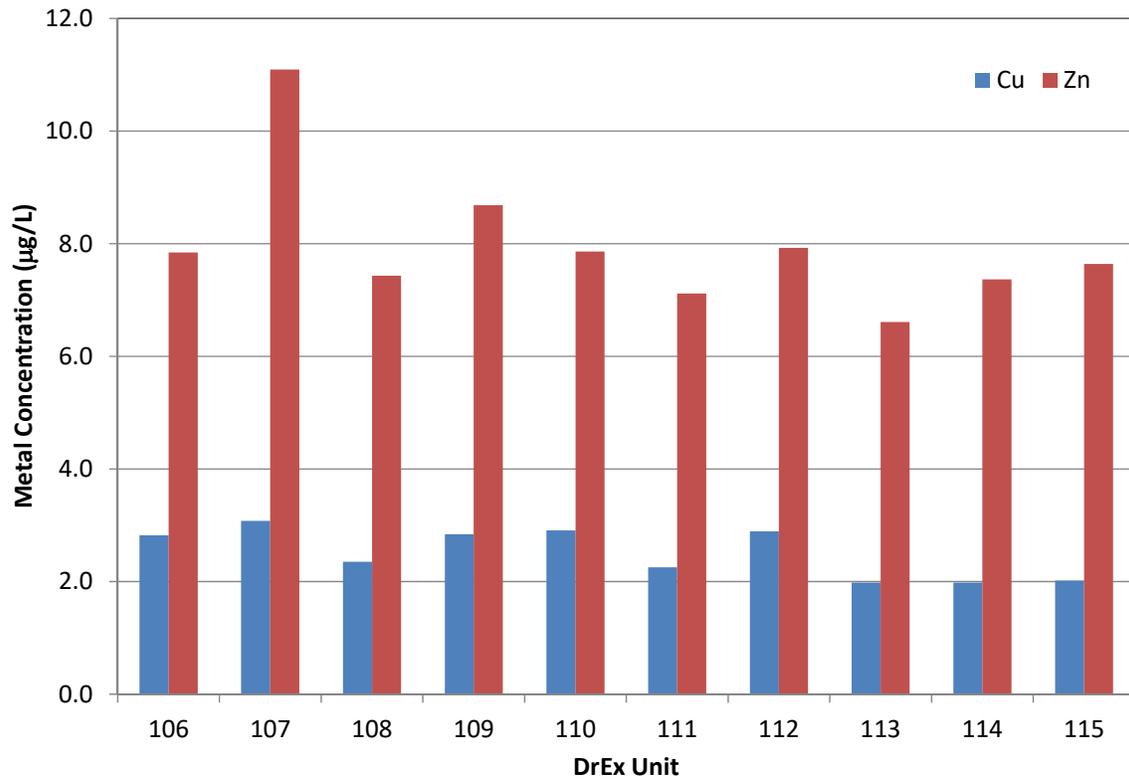


**Figure 68. Labile copper and zinc concentrations in the Jan 5-6, 2016 stormwater plume based on the DGT samplers that were attached to the DrEx units.**
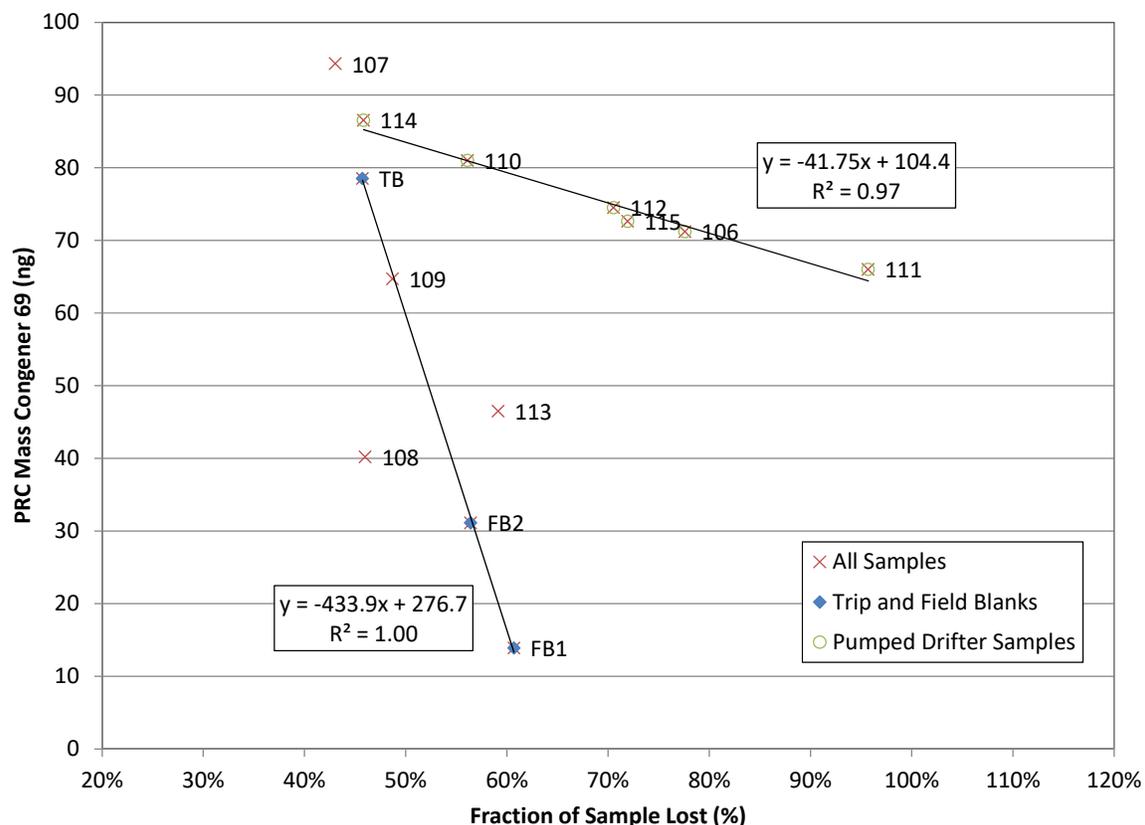
**Figure 69. Illustration of the correction method used to adjust for sample loss due to split septa caps during the Jan 5-6, 2016 event.**

**Table 19. Sample loss correction factors based on the regression analysis described in the text.**

| Sample Group | DrEx Unit | PRC Congener Sample Loss Correction Factors | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 29 | 69 | 104 | 154 | Average | Stdev | RSD |
| Field Exposed Pumped Samples | 106 | 1.45 | 1.47 | 1.44 | 1.46 | 1.45 | 0.01 | 1% |
| | 110 | 1.27 | 1.29 | 1.29 | 1.32 | 1.29 | 0.02 | 2% |
| | 111 | 1.56 | 1.58 | 1.54 | 1.62 | 1.58 | 0.03 | 2% |
| | 112 | 1.36 | 1.40 | 1.35 | 1.43 | 1.39 | 0.04 | 3% |
| | 114 | 1.21 | 1.21 | 1.19 | 1.20 | 1.20 | 0.01 | 1% |
| | 115 | 1.31 | 1.44 | 1.37 | 1.45 | 1.39 | 0.07 | 5% |
| Blanks and Low-Loss Samples | 107 | 3.20 | 2.93 | 3.16 | 3.06 | 3.09 | 0.12 | 4% |
| | 108 | 10.61 | 6.88 | 6.29 | 5.89 | 7.42 | 2.17 | 29% |
| | 109 | 5.88 | 4.28 | 4.14 | 3.96 | 4.56 | 0.88 | 19% |
| | 113 | 8.95 | 5.95 | 5.38 | 5.04 | 6.33 | 1.78 | 28% |
| | FB1 | 21.31 | 19.91 | 18.60 | 18.17 | 19.50 | 1.41 | 7% |
| | FB2 | 9.76 | 8.90 | 8.83 | 8.80 | 9.07 | 0.46 | 5% |
| | TB | 3.57 | 3.52 | 3.50 | 3.49 | 3.52 | 0.04 | 1% |

**Table 20. SPME passive sampler results for PCBs for the Jan 5-6, 2016 event.**

| Sample ID | Concentration of PCB Homologs in Surface Water [1] (ng PCB/L Surface water) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Mono | Di | Tri | Tetra | Penta | Hexa | Hepta | Octa | Nona | Total PCBs [2] |
| D106 | < 0.18 | < 0.068 | < 0.027 | < 0.0073 | < 0.0024 | **0.082** | **0.057** | < 0.00051 | < 0.0019 | **0.139** |
| D107 | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC |
| D108 | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC |
| D109 | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC |
| D110 | < 0.18 | < 0.069 | < 0.027 | < 0.0074 | < 0.0024 | **0.032** | **0.022** | < 0.00041 | < 0.0012 | **0.054** |
| D111 | < 0.18 | < 0.069 | < 0.027 | < 0.0074 | < 0.0024 | **0.022** | **0.018** | < 0.0004 | < 0.0012 | **0.04** |
| D112 | < 0.18 | < 0.069 | < 0.027 | < 0.0074 | < 0.0024 | **0.081** | **0.061** | < 0.0004 | < 0.0012 | **0.142** |
| D113 | NC | NC | NC | NC | NC | NC | NC | NC | NC | **NC** |
| D114 | < 0.18 | < 0.069 | < 0.027 | < 0.0074 | < 0.0024 | **0.0048** | **0.0036** | < 0.00055 | < 0.0023 | **0.0084** |
| D115 | < 0.18 | < 0.069 | < 0.027 | < 0.0074 | < 0.0024 | **0.24** | **0.3** | < 0.00035 | < 0.00092 | **0.54** |
| Average Method Detection Limit for Non-Detect Results | 0.110 | 0.033 | 0.013 | 0.0049 | 0.0018 | 0.00075 | 0.00040 | 0.0004 | - | - |

**Notes:**

1 The concentration of PCB Homologs in each sample were calculated as the sum of the detected PCB congeners. If no congeners were detected, the maximum detection limit for the congeners within the homolog group is reported.

2 Total PCBs were calculated as the sum of the detected PCB homologs. If concentrations were non-detect for all homologs, total PCBs were assumed to be equal to the highest homolog detection limit.

3 NC results were not calculated because conditions were insufficient to reach 1% of steady state.

4 PCB congeners 132/153, 146, 147/149, 183, and 187 were detected in the blanks as well as field exposed samples at similar masses. Detection of these congeners is likely spurious and due to analytical artifact, impurity in the PRC solution, or contamination in the process. Results on PRC solution are pending.

**Table 21. SPME passive sampler results for PAHs and chlorinated pesticides for the Jan 5-6, 2016 event.**

| Sample ID | Total PAHs | Total DDX | Aldrin | Total Chlordane | Dieldrin | Total Endosulfan | Total Endrin | Lindane | Total Heptachlor | Methoxychlor | Toxaphene |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D106 | **98.8** | < 0.03 | < 0.0072 | < 0.014 | **0.17** | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D107 | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC |
| D108 | **75.2** | < 0.03 | < 0.0072 | < 0.014 | **0.17** | < 1.7 | < 4.3 | < 1.4 | < 0.059 | < 0.11 | < 0.048 |
| D109 | **95.2** | < 0.03 | < 0.0074 | < 0.014 | **0.23** | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D110 | **158.4** | < 0.03 | < 0.0073 | < 0.014 | **0.16** | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D111 | **92.5** | < 0.03 | < 0.0073 | < 0.014 | **0.38** | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D112 | **117.5** | < 0.03 | < 0.0074 | < 0.014 | **0.17** | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D113 | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC |
| D114 | < 21 | < 0.03 | < 0.0074 | < 0.014 | < 0.062 | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D115 | < 21 | < 0.03 | < 0.0075 | < 0.014 | < 0.062 | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |

**Notes:**

[1] The concentration of each summation was calculated as the sum of all the compounds of that group. If no compounds were detected, the maximum detection limit for the compoundss within the group is reported.

[2] NC results were not calculated.

### 5.6.1.2  Feb 1, 2016 Storm Event

Precipitation and Tides: The second DrEx demonstration survey was conducted during a storm event on Feb 1, 2016 in the same area as the first survey at the mouth of Paleta Creek at NBSD. The hydrograph for the storm (Figure 70) shows that the rainfall came in a series of small waves between about 21:00 on 1/31/16 and 15:00 on 2/1/16. The cumulative rainfall for the first wave was only about 5 mm even though the prediction for the storm was for >10 mm.  Ten DrEx drifters were released into the first flush of this event at the mouth of Paleta Creek. The first flush was identified by monitoring the salinity at the mouth of the creek. Ten DrEx systems were released during the period from 08:24 to 09:21 on 2/1/16. The systems were allowed to drift for an exposure period of approximately 7.5 hours with the shortest duration being about 6.7 hours and the longest duration about 8.5 hours. The deployment was cut short from the planned 12 hour exposure due to high wind and wave conditions combined with a lower than expected precipitation and flow from the creek. The tide was flooding during the release period, and cycled from flood to ebb during the drift period (Figure 70). Tidal range was on the order of 1 m during the event.

DrEx GPS Tracking: Trajectories for the DrEx systems are shown in Figure 71. All ten DrEx units provided trajectory data. The drifters released earlier in the event followed a path toward the southwest from the release point out to the end of the narrow channel that forms the creek mouth area. Subsequent DrEx units traveled shorter and shorter distances with the last few units essentially staying within a close proximity to the release area. The units released earlier in the storm reversed path once they reached the end of the channel area and transited back toward the creek mouth and the release point, ending up in the southeastern corner along at the base of the Mole Pier. The other units all stayed within the release area for the duration of the event.

As with the first event, a number of useful characteristics can be extracted from the trajectory data including travel distance, speed, and spreading rates. These metrics provide insight into the scale, movement and dispersion of the stormwater plume. Results for travel distance and average speed are shown in Figure 72 and Figure 73, respectively. The travel distance results show that the waters associated with the first flush traveled distances ranging from about 0.3 – 1.5 km with an average distance of about 0.7 km. This scale is considerably (about 4X) smaller than during the large storm event of Jan 5-6, 2016. For this smaller event, the exposure area associated with the first flush was relatively small and was limited to the area within the narrow channel at the creek mouth. The average transit speed during the deployment ranged from 1.3 – 5.9 cm/s with an overall average of 2.9 cm/s. This is also considerably smaller than the larger storm event, and appears to reflect the reduced momentum associated with the stormwater plume. The drifters show a clear pattern with drifters released earlier in the first flush having higher average speeds and larger travel distances compared to those that were released later in the event. This is consistent with the tapering off of the precipitation and discharge that occurred as the drifters were released (Figure 70). Because the tidal conditions during the two events were similar, it appears that the momentum of the storm discharge had a significant effect on the scale and speed of development of the plume.

Results for the spreading distance and patch size are shown in Figure 74 and Figure 75, respectively. The spreading distance was estimated based on the root-mean-square distance from the drifter cluster centroid, and the patch size based on the mean-square distance. Estimates were made for the DrEx cluster as the combination of all drifters. For the case of all drifters, the spreading and patch size growth was highest during the first half of the event with the mean displacement growing from about 70 m to 130 m and the patch size growing from about 5000 $m^2$ to about 16000 $m^2$. During the latter half of the event, the spreading and patch size actually reduced reaching final values of about 60 m and 4000 $m^2$, respectively. The divergence during the early part of the event appears to be related to the larger displacement of the drifters that were released earlier in the first flush which resulted in a higher degree of separation. When these drifters transited back to the release area, they essentially converged with the rest of the group that had remained in that area following release, resulting in the decreases in displacement and patch size.

The DrEx trajectories can also be examined with respect to the influence of tidal condition. As previously described (Figure 70), the tide was flooding during the drifter release and subsequently cycled through an ebb flow during the ~7-hour deployment. Figure 76 shows the trajectories for individual drifters with the tidal condition overlaid on the path. The tidal overlays indicate that the first six drifters generally flowed out of the creek mouth area under the influence of the stormwater flow in spite of the flood tide condition. The final four drifters didn't transit significantly away from the release point. The drifters that did transit out the channel all tended to reverse direction shortly after the tide turned to ebb. This behavior is counter intuitive with respect to tidal flow, which would be expected to move into the creek mouth during the flood tide, and out of the creek mouth during the ebb. However, it appears that the drifters that were released earlier were more strongly influenced by the momentum from the creek flow which out competed the tidal flow to drive the drifters out of the creek. The subsequent reversal of direction back into the creek mouth area is attributed to the high wind and wave conditions that increased during the day on Feb 1, 2016 (Figure 70), and likely had a stronger influence than the tides in this backwater area of the bay. For the drifters released later in the first flush, the momentum from the discharge had already tapered off and the drifters were already near the head of the creek mouth so there was very little tidal influence and they tended to remain in the release area. As the tide began to ebb, the wind simultaneously came up and the wind and waves then tended to overcome the tidal flow and kept these later release units from transiting out of the creek mouth with the tidal flow.

Overall, the GPS tracking data from the DrEx systems provided a clear visualization of the area of the bay with connectivity to the stormwater plume, the spatial and time scale of the plume, the rate of movement of the plume, the rate of spreading of the plume, and the relationship to complex forcing from the stormwater and the tide. These are all key aspects in understanding the complex nature and extent of the stormwater exposure associated with the stormwater discharge event. The deployment during this storm with weaker discharge but higher winds also provided a clear contrast in the spatial scales associated with different stormwater discharge events.
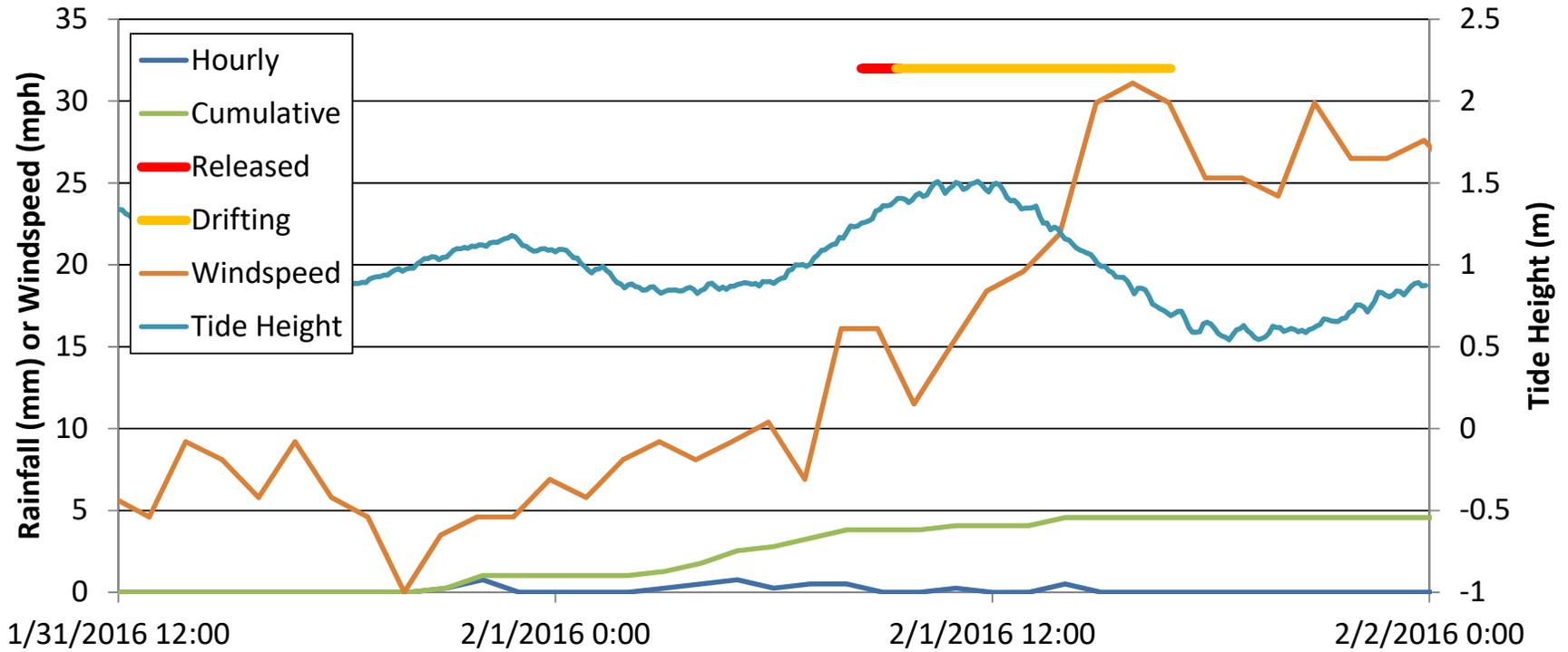
**Figure 70. Hydrograph and tides for the Feb 1, 2016 storm event relative to the drifter release and transit periods.**
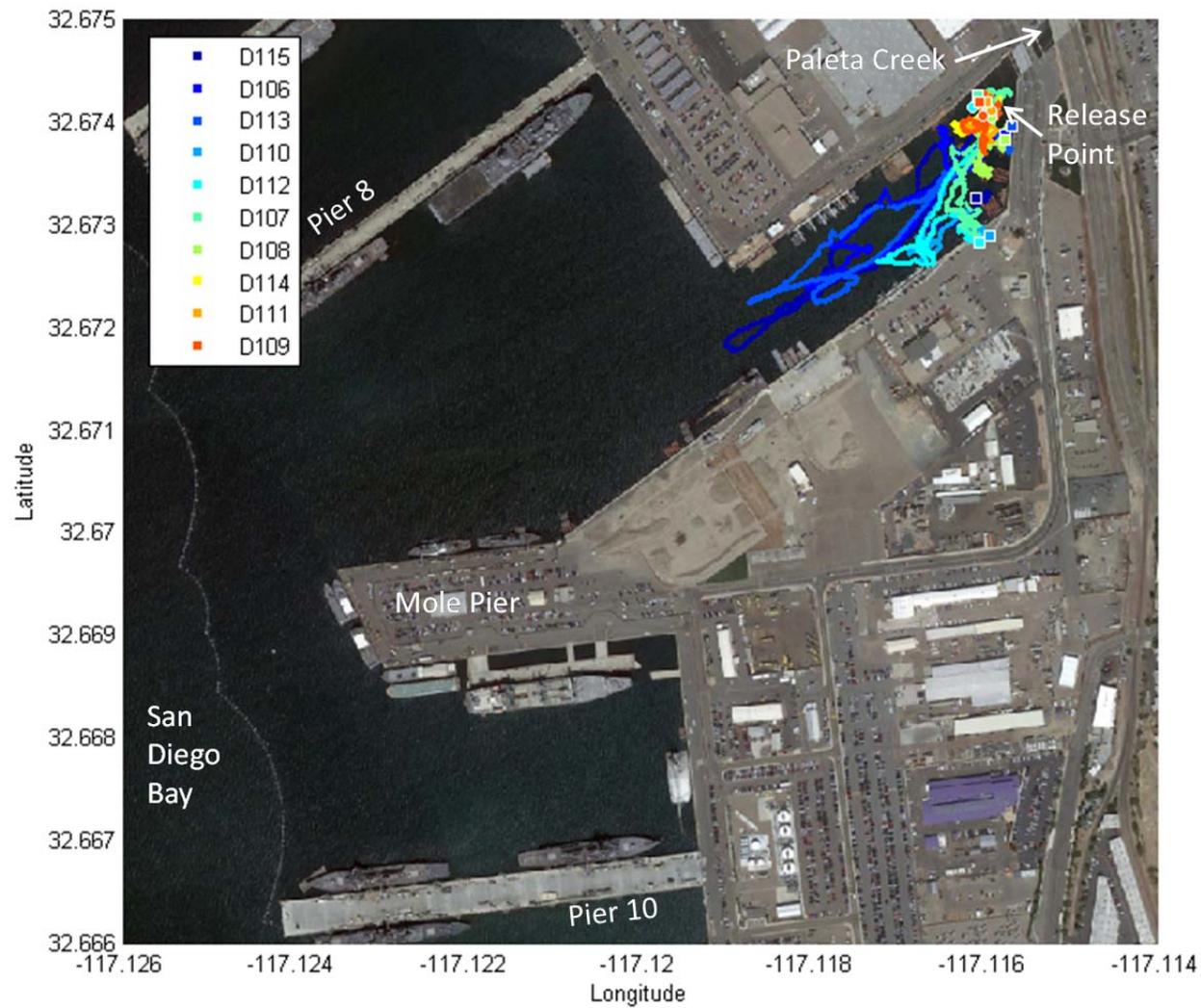
**Figure 71. DrEx trajectories for the first-flush release during the Feb 1, 2016 event.**
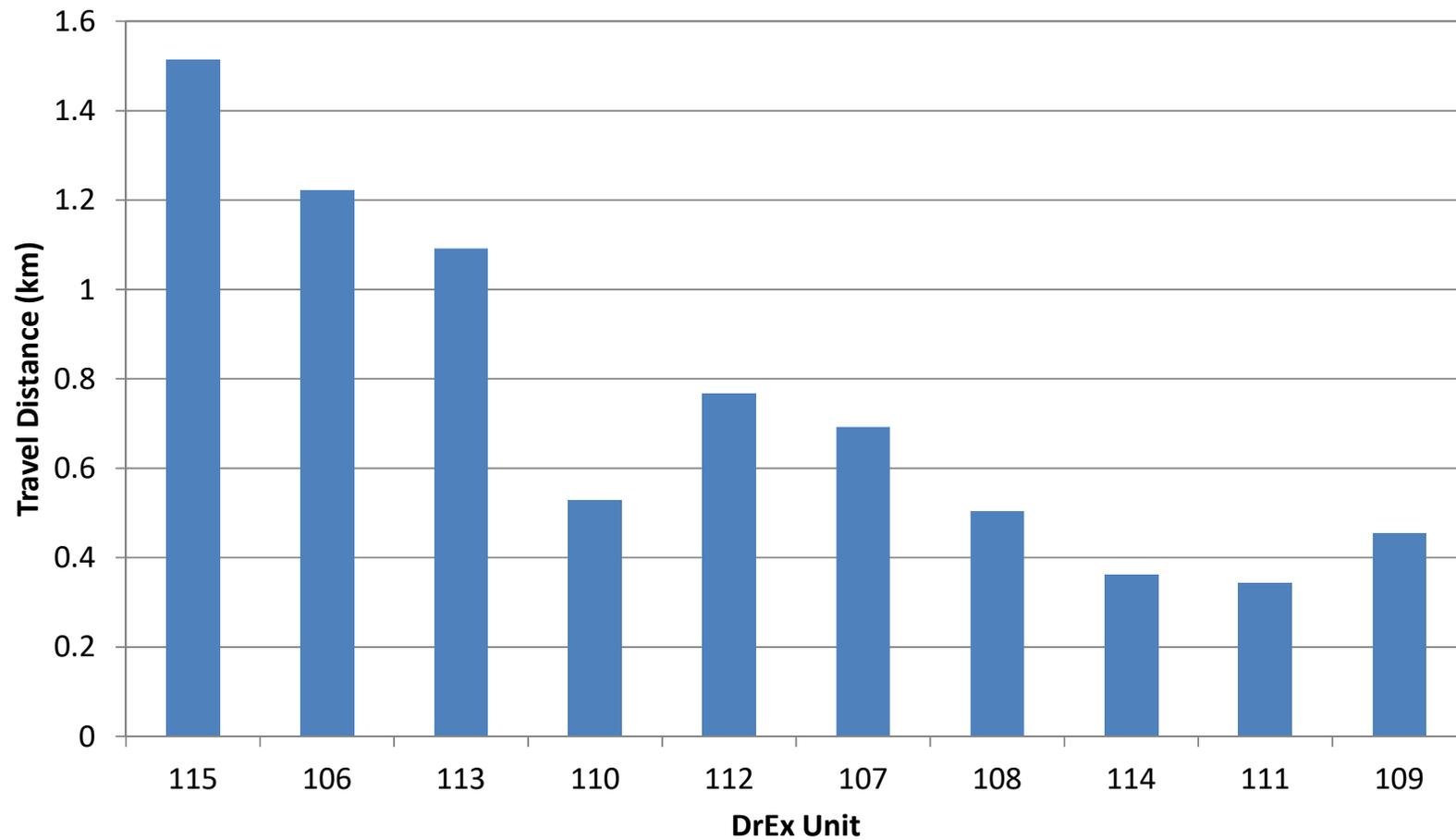
**Figure 72. Total travel distance for each of the DrEx units released during the Feb 1, 2016 event. Shown in order of release from left to right.**
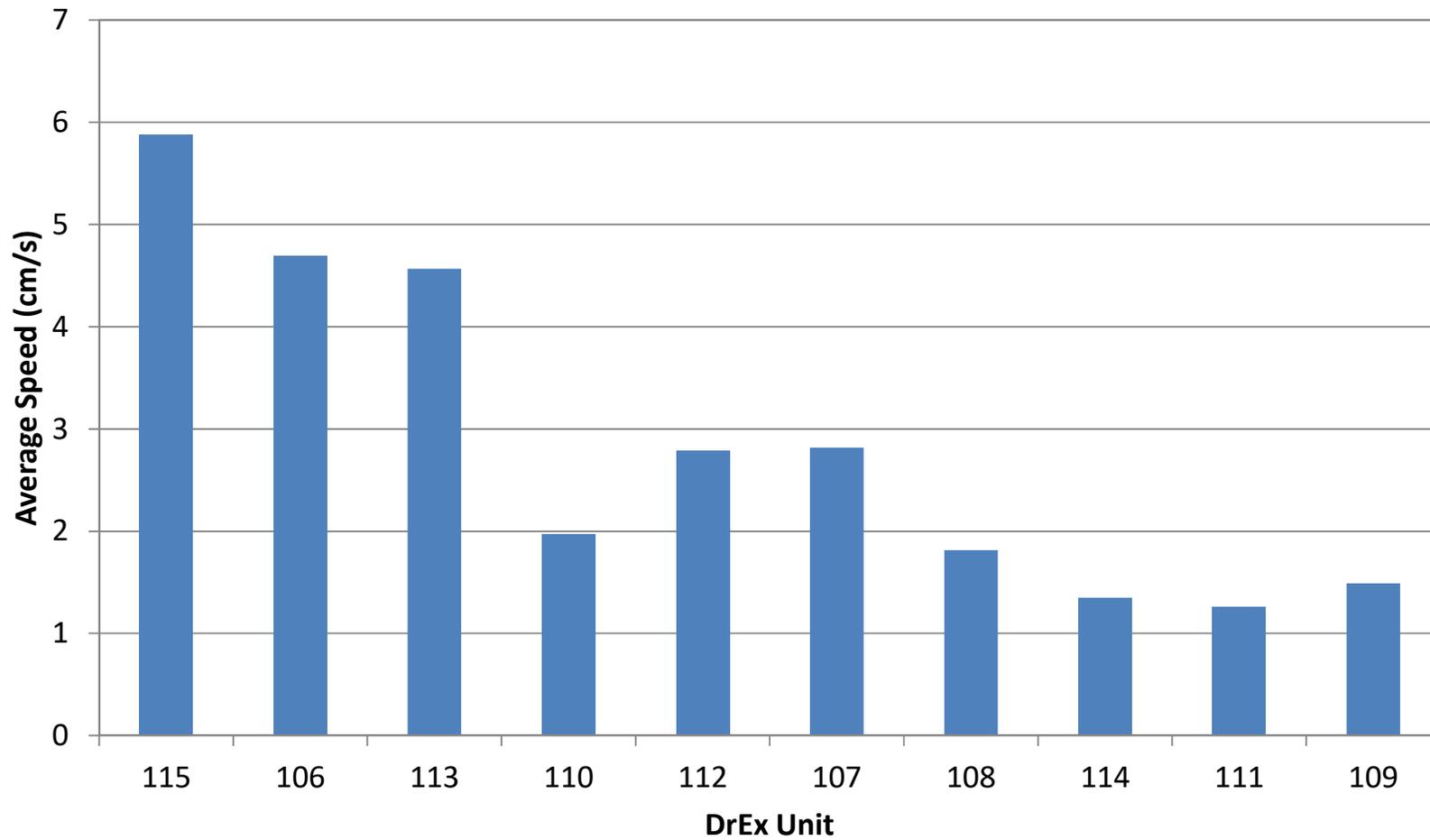
**Figure 73. Average speed for each of the DrEx units released during the Feb 1, 2016 event. Shown in order of release from left to right.**
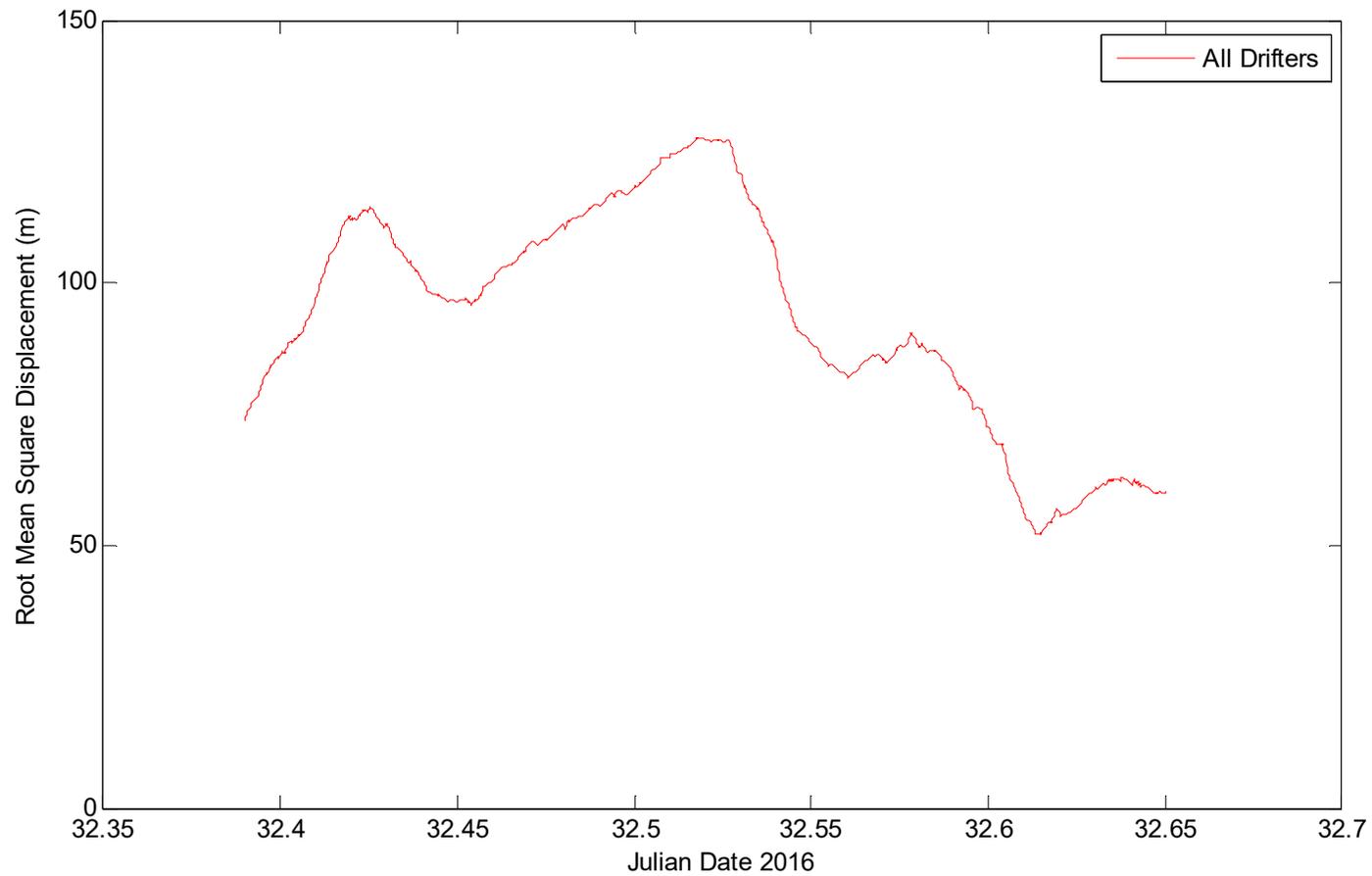
**Figure 74. Drifter cluster spreading as root-mean-square displacement from the cluster centroid for all drifters during the Feb 1, 2016 event.**
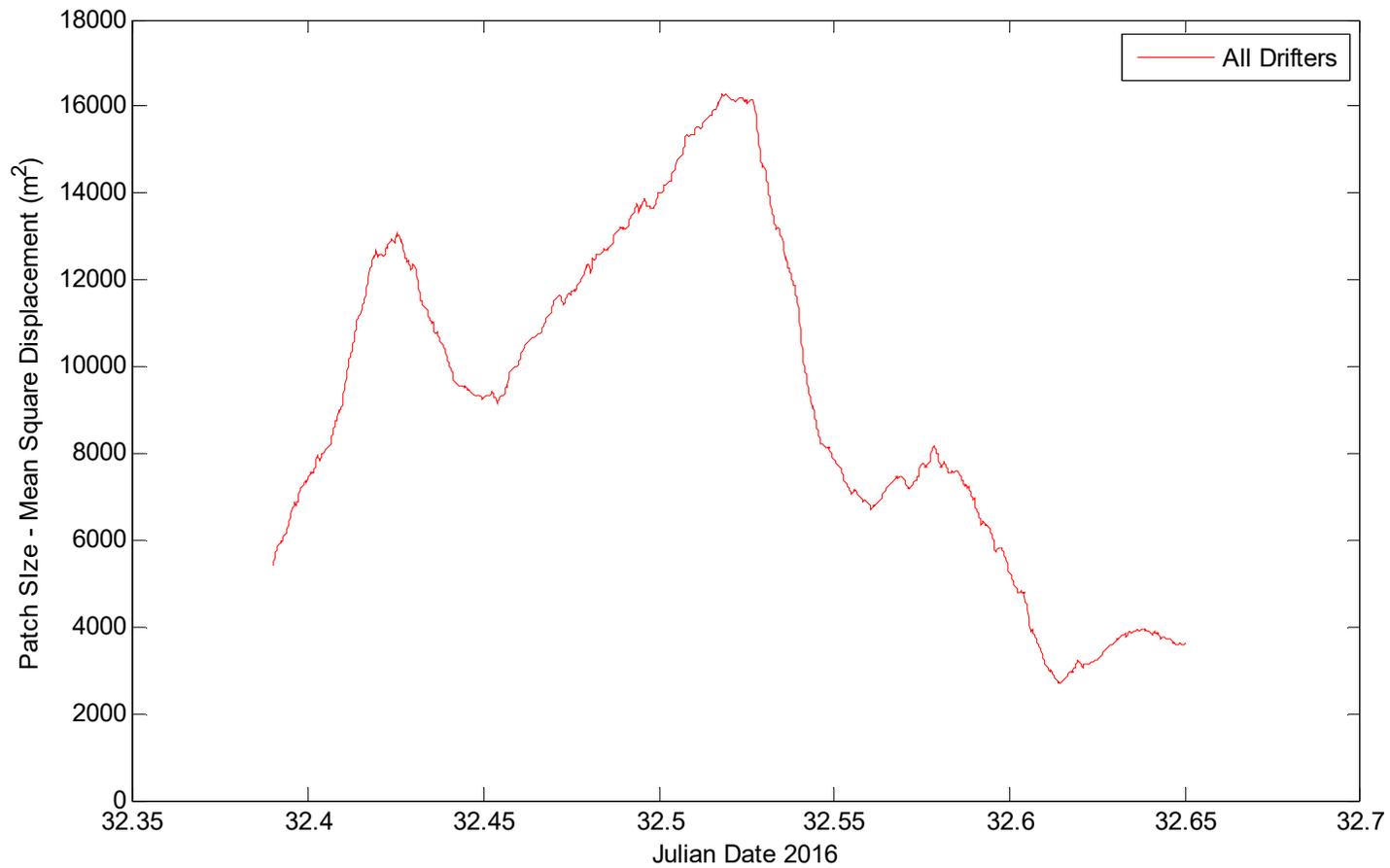
**Figure 75. Drifter patch size as mean-square displacement from the cluster centroid for all drifters during the Feb 1, 2016 event.**
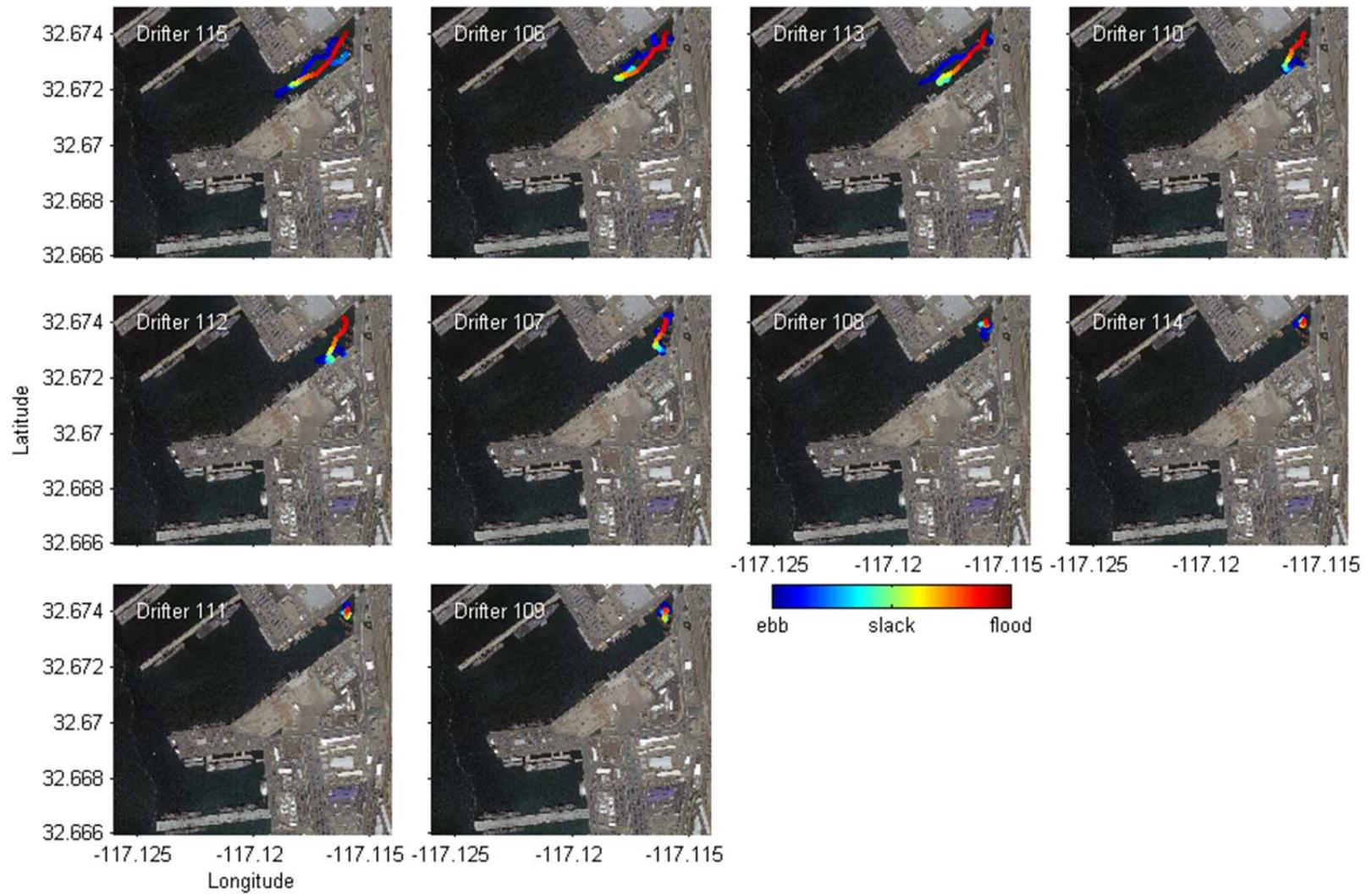
**Figure 76. Individual DrEx trajectories with tidal stage overlaid as color code per the color bar.**

DrEx Sensor Data: Sensors mounted on the DrEx units recorded temperature and salinity continuously during the survey event. Evaluation of this data focused primarily on the salinity data because it provides a direct indicator of the presence of the stormwater plume and the degree of mixing with bay water. Results for the sensor data are described below.

Salinity time-series results for the DrEx sensors are shown in Figure 58. Nine of the drifters provided usable sensor data, excluding 112 that lost its sensor when the bracket broke off as the unit was slammed into floating equipment that was moored in the creek mouth. The time-series results indicated that the drifters generally stayed within the plume based on the salinity levels remaining well below ambient bay levels. Similar to the first storm event, values were generally low and then rose within the first hour of transport. Values then stabilized for several of the drifters (106, 110, 113 and 115), while others showed a secondary pulses of lower salinity water (107, 108, 109, 111 and 114). These secondary pulses appeared to be linked to follow on waves of precipitation and discharge that occurred following the release of the drifters (Figure 70).

Also, as with the first storm, the rapid rise in salinity that generally occurred during the first hour of transit is thought to be related to the stormwater plume dynamics at the leading edge of the plume. Because the drifters were released during the first flush condition, they tended to be located near the leading edge of the plume. The combination of the buoyancy driven flow of the freshwater trying to spread out over the more saline bay water, and the shear force on the underside of the plume as it rides over the bay water results in a downwelling condition at the leading edge of the plume (Figure 59). Within the plume, freshwater moves toward this downwelling front, but when it reaches the front, it tends to recirculate back beneath the plume under the influence of the shear on the bottom of the plume. Because the drifters cannot follow the downwelling, they tend to ride out toward the leading edge of the plume and become trapped in the downwelling zone. In this zone, the salinity can drop significantly over very short spatial scales. Mixing can also be quite dramatic in this area. The drifters may move back and forth across this front resulting in some of the variations in salinity observed in the time series. These effects are thought to have been less significant during the Feb 1, 2016 event due to the weaker nature of the storm.

In addition, while Paleta Creek is by far the largest source of stormwater in the immediate pier areas where the drifters were located, there are numerous other small storm drains that discharge into the area. As the drifters transited under the influence of the plume and tidal currents, it is likely that they also encounter the low salinity zones associated with these other discharges. Thus they provide a unique integration of the exposure that occurs under real field conditions.

The salinity sensor data can also be combined directly with the DrEx trajectory data to provide spatial maps of the salinity zones encountered along the trajectories (Figure 78). These maps provide a visual indication of the variation in strength of the stormwater exposure over the period of the event. The salinity data can also be used to calculate the stormwater fraction along the drifter tracks as

$$SW = 1 - \frac{S}{S_o}$$

where *SW* is the fraction of stormwater within the plume, *S* is the measured salinity, and $S_o$ is the background bay water salinity (~33.75 psu). Results for the stormwater fraction are shown in Figure 79. The results show that the stormwater fraction tended to vary as a function of the distance of the DrEx unit from the creek mouth. For example, DrEx units 115, 106 and 113 that transited out toward the end of the narrow channel showed reductions in stormwater fraction down to the 20-30% range, while the units that stayed near the release area generally stayed above 40-50%. Interestingly, even though the Feb 1, 2016 event was much smaller in magnitude in terms of discharge, the exposure levels in terms of stormwater fraction were comparable or higher than the higher discharge event on Jan 5-6, 2016.

In general, the sensor data from the DrEx units were very useful in evaluating the dynamics of the stormwater plume, the dilution of the plume over time, and the influence of other stormwater sources in the general vicinity.
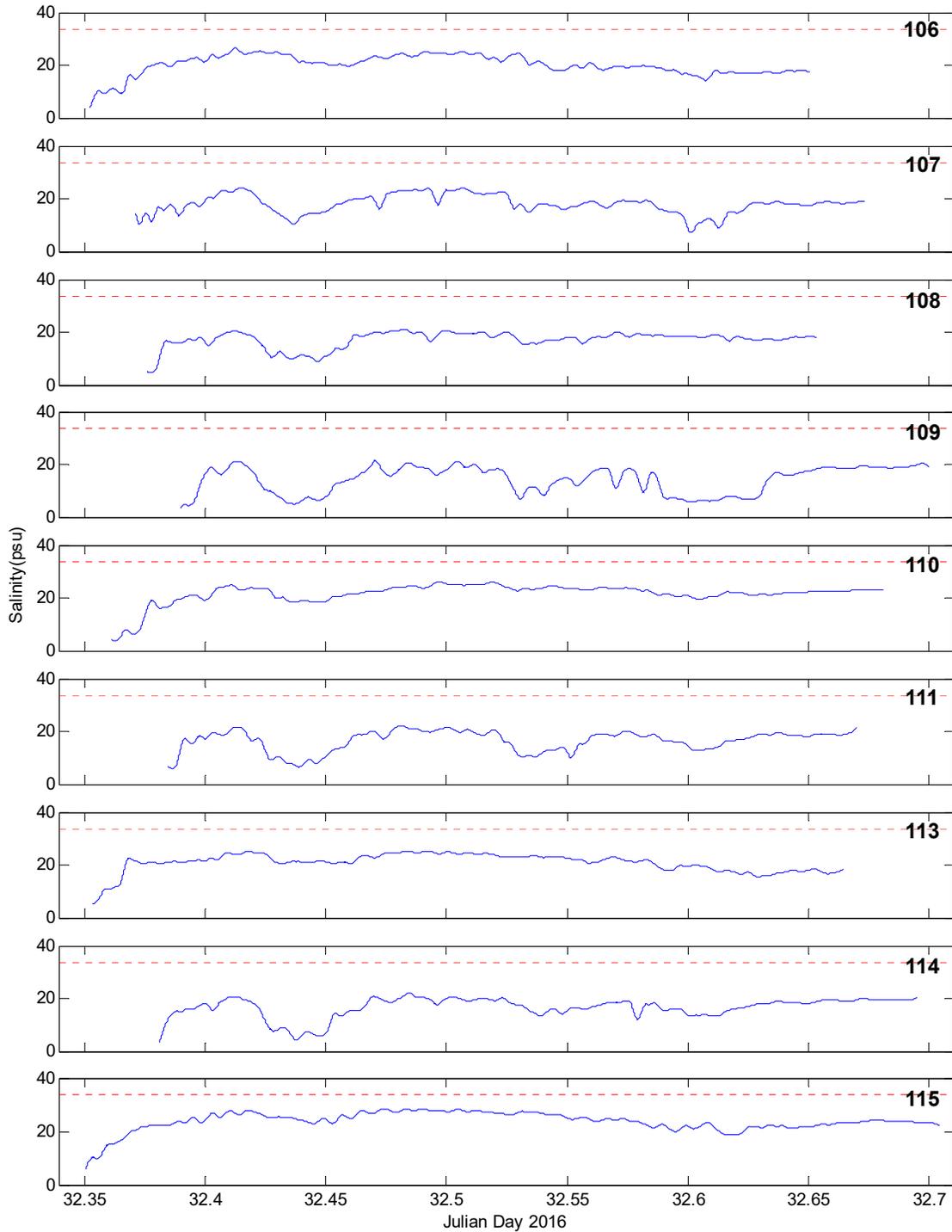
**Figure 77. Time series of salinity for the ten DrEx units released during the Feb 1, 2016 event. Blue line is salinity and red dotted line is the background salinity level of the bay. Drifter numbers are shown in the upper right of each time series.**
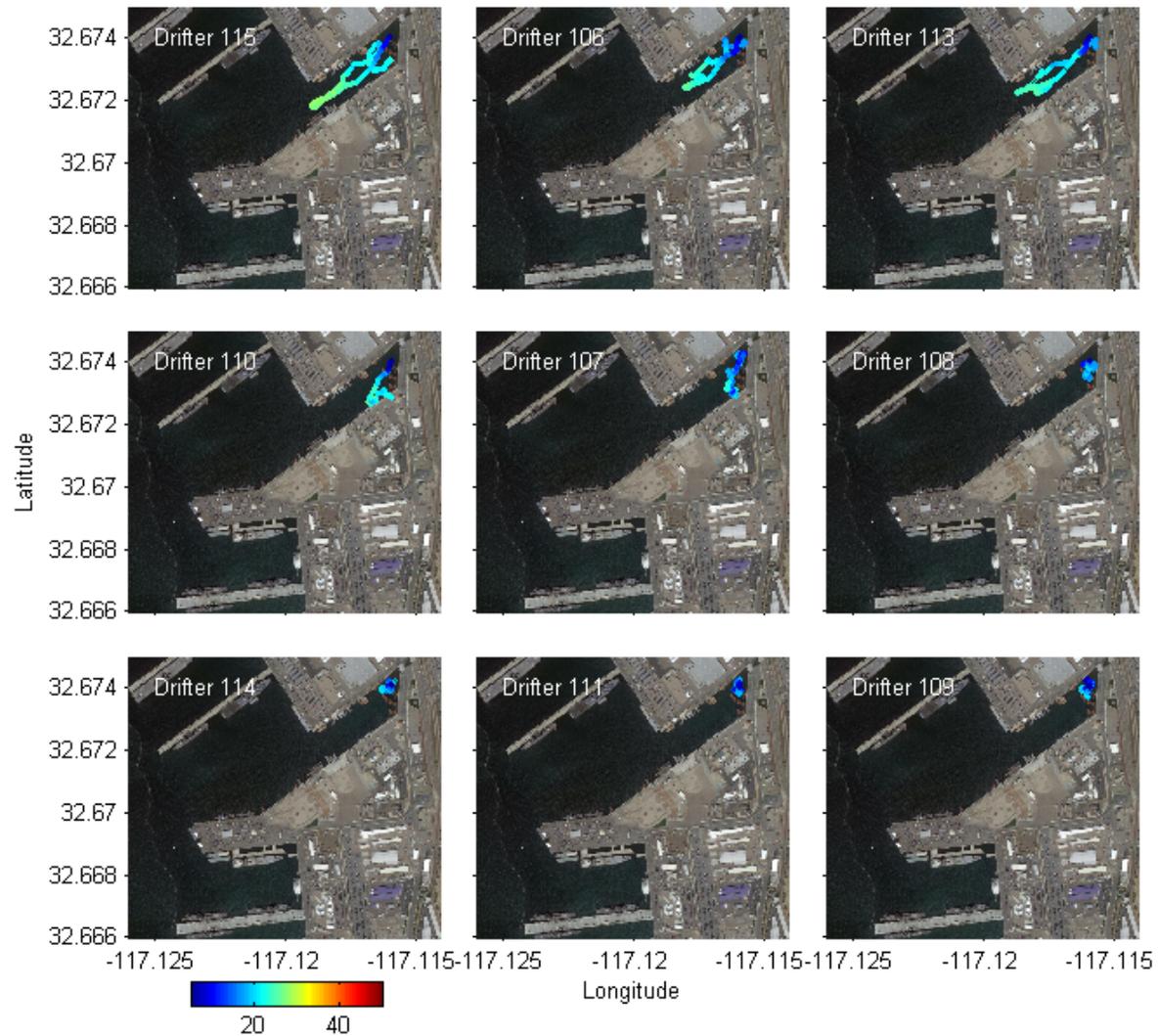
**Figure 78. Individual DrEx trajectories with overlaid salinity for the Feb 1, 2016 event. Color bar indicates the salinity scale.**
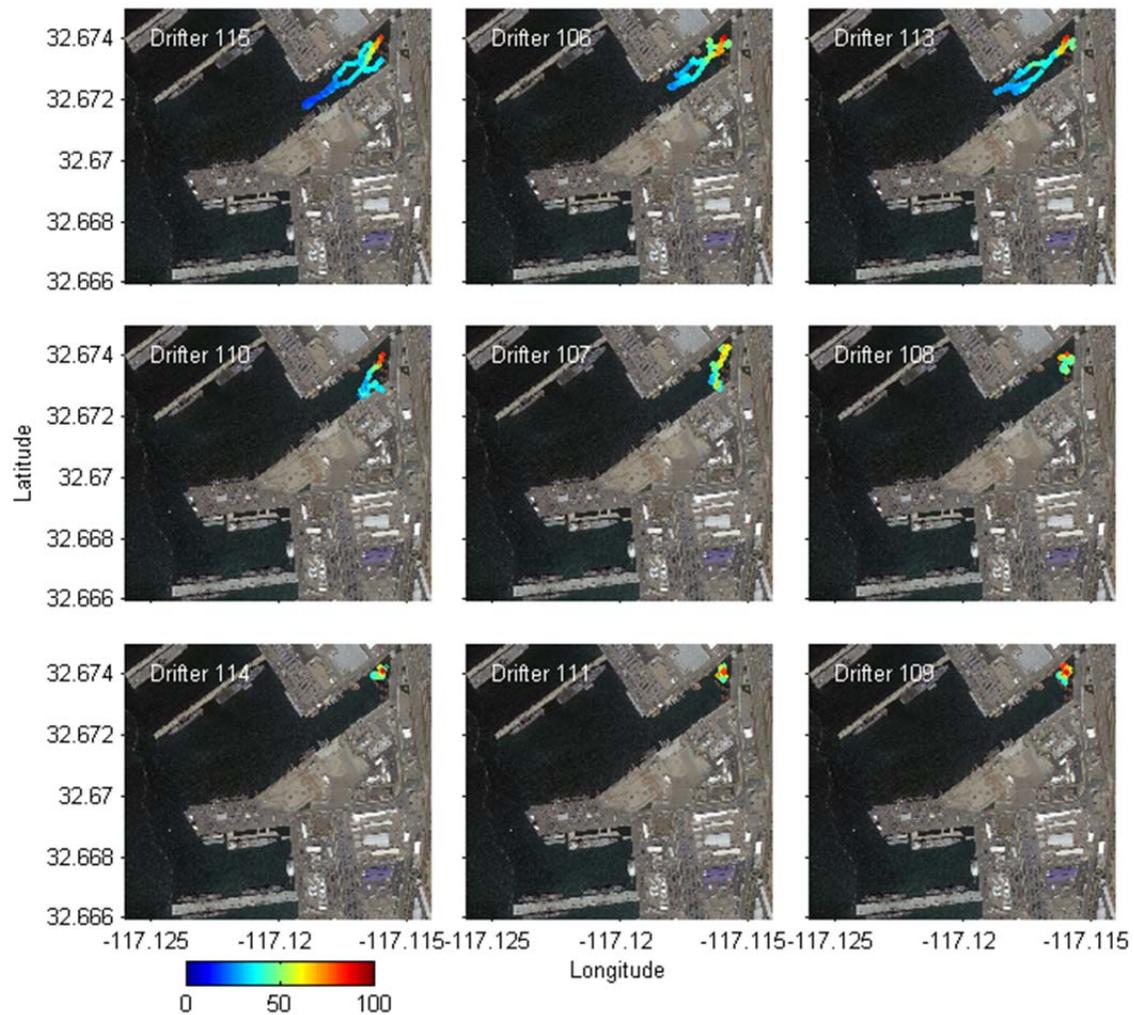
**Figure 79. Individual DrEx trajectories with overlaid stormwater fraction for the Feb 1, 2016 event. Color bar indicates the percent of stormwater.**

DrEx Composite Samples: A unique aspect of the DrEx system is its ability to collect composite samples while drifting and tracking the stormwater plume. This sampling capability allows for both chemical and toxicological characterization of the exposure that occurs in the surface waters of these stormwater plumes. This exposure is much more characteristic of the exposure that would be expected for the sensitive larval stage of species such as fish and mollusks that inhabit the bay.

For the Feb 1, 2016 storm event, composite samples were successfully collected by nine of the ten of the DrEx units. DrEx unit 109 had insufficient volume for analysis due to a bag leakage issue. Thus chemistry and toxicity results were obtained for a total of nine DrEx units. In addition, grab samples were collected at the mouth of the creek at the time of first flush when the drifters were released.

Chemistry results for the samples described above are summarized in Table 22 and Figure 80 through Figure 84. Samples were analyzed for chemicals of interest for the Paleta Creek TMDL including TSS, metals (copper and zinc), PCBs, PAHs and chlorinated pesticides (DDT and Chlordane). TSS concentrations ranges from a high of 71.1 mg/L in the discharge sample to a low of 10.7 mg/L in the DrEx-110 unit composite sample. Results for TSS show the expected high level of particulate in the discharge from Paleta Creek but significantly reduced levels in the DrEx composite samples. The reduction in particle load between the discharge and the 7-hour composite samples averaged about 78%. The average TSS concentration for the DrEx composite samples was 15.5 mg/L which is still significantly higher than typical background conditions. However, it should be noted that the TSS load in this discharge sample was about 4X lower than for the Jan 5-6, 2016 event. Part of this is attributed to the smaller magnitude of the storm. In addition, the timing of the discharge sampling was toward the end of the first flush just after the final drifter was released, and the flow had substantially weakened by this time which likely also contributed to the lower loading in the discharge sample from this storm event.

In contrast to the TSS, total metal and organic contaminant concentrations did not show major differences between the discharge sample and the drifter composite samples. On average, total copper and total zinc concentrations in the drifter composite samples were only 13% and 36% lower than the discharge sample, respectively. Total DDX and Chlordane were not detected in the discharge or the drifter samples. PCBs and PAHs showed some contrast with PCBs detected at low levels in the discharge, but below detection in the drifter samples, and PAHs reduced by about 41% on average in the drifter samples. Along with the sample timing considerations discussed for TSS above, it appears that the limited transport and dispersion of the plume likely contributed to the reduction in contrast between the discharge levels and plume composite samples for the smaller Feb 1, 2016 storm event. Overall exposure to total chemical concentrations was generally reduced by about 13-41% in the stormwater plume over a 7-hour period compared to concentrations in the first flush measured at the discharge point at the mouth of the creek.

A pattern that does emerge from the plume samples is that the drifters released later in the first flush tended to have higher TSS loading and total contaminant loading. This trend was consistent across all of the contaminants for which detectable levels were present.

For copper and zinc, where both the total and dissolved fractions were measured, it appeared that these trends were driven entirely by differences in the particulate fraction as opposed to the dissolved fraction which remained fairly constant across all of the composite samples. One possible explanation for this observation is that the drifters released later in the first flush had very minimal transit and dispersion scales and essentially remained trapped within the release area very close to the creek mouth. This may have exposed them to a more consistent level of particulate contamination compared to the drifters that transited further out of the creek mouth area where the particle fraction was likely to have more opportunity to settle out of the surface plume.

Toxicity was also evaluated in the discharge and DrEx composite samples. Chronic toxicity testing with purple sea urchin (*Strongylocentrotus purpuratus*) embryos was performed using standardized protocols (USEPA 1995; Table 17). For the Feb 1 storm event, using the students t-test, significant decreases from the brine control were observed for Drifters #106, 107, 108, 110, 111 and 112 (Table 23). Drifter samples #113, 114 and 115 showed no observable adverse effects compared to the brine control. Statistical analyses using the TST found adverse effects relative to the brine control in Drifter samples #106, 107, 108 and 112 (Table 23). No toxicity was observed in the remainder of the samples using the TST methodology. Interestingly, Drifter samples #110 and 111 found to be significantly decreased from the brine control using the student's t-test method were classified as Non-Toxic using the TST methodology. This is due to the a priori assigned percent difference from the control that will classify a sample as being toxic or not. In the case of samples #110 and 111, the differences from the brine control were 7.30 and 8.82 percent, respectively. The ambient sample collected at the onset of the storm did not show a significant decrease from the brine control at the highest concentration tested (Table 23).

Based on the available chemistry data, it appeared that measured levels of organic contaminants were generally too low to cause toxicity. Dissolved copper and zinc levels were also generally relatively low, but in some instances were approaching levels that could cause chronic toxicity. To evaluate this, we repeated that same linear modeling analysis to relate dissolved copper and zinc relative to percent normal development for the urchin embryo that was done for the Jan 5-6, 2016 event. Evaluating the Feb 1, 2016 data set revealed a much less robust relationship than was observed for the Jan 5-6, 2016 event (Figure 85), with only 27% of the variance explained by the model. This model has the form

$$\%ND = A + B \times [Cu_d] + C \times [Zn_d]$$

where *%ND* is the toxicity as percent normal development, *A*, *B* and *C* are the weighting terms for the linear model determined by best fit to the data, and *[Cu_d]* and *[Zn_d]* are the dissolved copper and zinc concentrations, respectively. In this model, *A* is the intercept on the toxicity axis, while *B* and *C* are weights for the copper and zinc concentrations whose inverses essentially represent empirical toxicity thresholds for these dissolved metals based on the model fit to the data. Best-fit model results give

$$\frac{1}{B} = 2.3 \ \frac{\mu g}{L}$$

and

$$\frac{1}{C} = 294 \ \frac{\mu g}{L}$$

These values are generally less consistent with the range of observed chronic toxicity thresholds for the purple sea urchin for these dissolved metals, with the copper level ($1/B$) being lower than expected, and the zinc level ($1/C$) being higher than expected. Of the chemicals measured in the composite and discharge samples for the Feb 1 event, no specific contaminant or combination of contaminants appeared to give a good explanation of the toxicity results. This suggests that, as with the DrEx 107 sample during the Jan 5-6 event, there may be another unmeasured chemical that is responsible for the observed toxicity. Another potential consideration is that there were significant differences in the DOC concentrations of the discharge samples for the two events (based on data from the leveraged project ER-2428), with the Jan 5-6 event having an average DOC concentration in the discharge of 5.6 mg/L and the Feb 1 event having an average concentration of 19.2 mg/L. Because of the potential complexation effects associated with divalent metals and DOC, these differences may have also influenced the observed differences in toxicity during the two events.

Overall, the composite samples from the Feb 1, 2016 event provided an effective means for characterizing exposure conditions within the first flush portion of the discharge plume from both a chemical and toxicological perspective.

**Table 22. Composite DrEx and grab sample chemistry results for the Feb 1, 2016 storm event.**

| Sample ID | TSS (mg/L) | Total Cu (ug/L) | Diss Cu (ug/L) | Total Zn (ug/L) | Diss Zn (ug/L) | Total PCB (ng/L)[a] | Total DDX (ng/L)[b] | Total Chlordane (ng/L)[c] | Total PAH (ng/L)[d] |
|---|---|---|---|---|---|---|---|---|---|
| DrEx-106 | 12.8 | 7.3 | 4.8 | 30.6 | 15.0 | ND | ND | ND | 21.8 |
| DrEx-107 | 20.5 | 9.6 | 4.6 | 32.0 | 19.8 | ND | ND | ND | 65.8 |
| DrEx-108 | 18.1 | 8.4 | 3.8 | 25.1 | 15.2 | ND | ND | ND | 46.6 |
| DrEx-110 | 8.3 | 7.0 | 3.7 | 20.9 | 15.8 | ND | ND | ND | 39.5 |
| DrEx-111 | 16.3 | 8.5 | 4.2 | 21.7 | 14.1 | ND | ND | ND | 115.4 |
| DrEx-112 | 11.8 | 7.1 | 4.1 | 21.8 | 17.8 | ND | ND | ND | 56.4 |
| DrEx-113 | 15.9 | 7.2 | 3.7 | 19.2 | 14.6 | ND | ND | ND | 75.5 |
| DrEx-114 | 24.1 | 10.2 | 3.5 | 27.0 | 15.1 | ND | ND | ND | 269.2 |
| DrEx-115 | 11.6 | 6.2 | 4.3 | 16.6 | 15.7 | ND | ND | ND | 38.7 |
| First Flush Grab | 71.1 | 9.2 | 2.9 | 36.5 | 21.8 | 9.5 | ND | ND | 150.6 |
| First Flush Grab - Dup | NA | 9.1 | 3.0 | 38.4 | 25.0 | NA | NA | NA | NA |
| Pre-Storm Grab | NA | 3.7 | 4.3 | 14.3 | 13.3 | NA | NA | NA | NA |
| Equipment Blank[e] | 0.4 | 0.4 | 1.0 | 1.3 | 2.4 | ND | ND | ND | ND |
| Detection Limit | 0.1 | 0.7 | 0.7 | 1.5 | 1.5 | 0.3 | 0.3 | 0.3 | 6.6 |

a. Sum of 144 measured congeners

b. Sum of DDT, DDE and DDD

c. Sum of alpha and gamma

d. Sum of 18 measured PAHs

e. Based on Jan 5-6, 2016 event
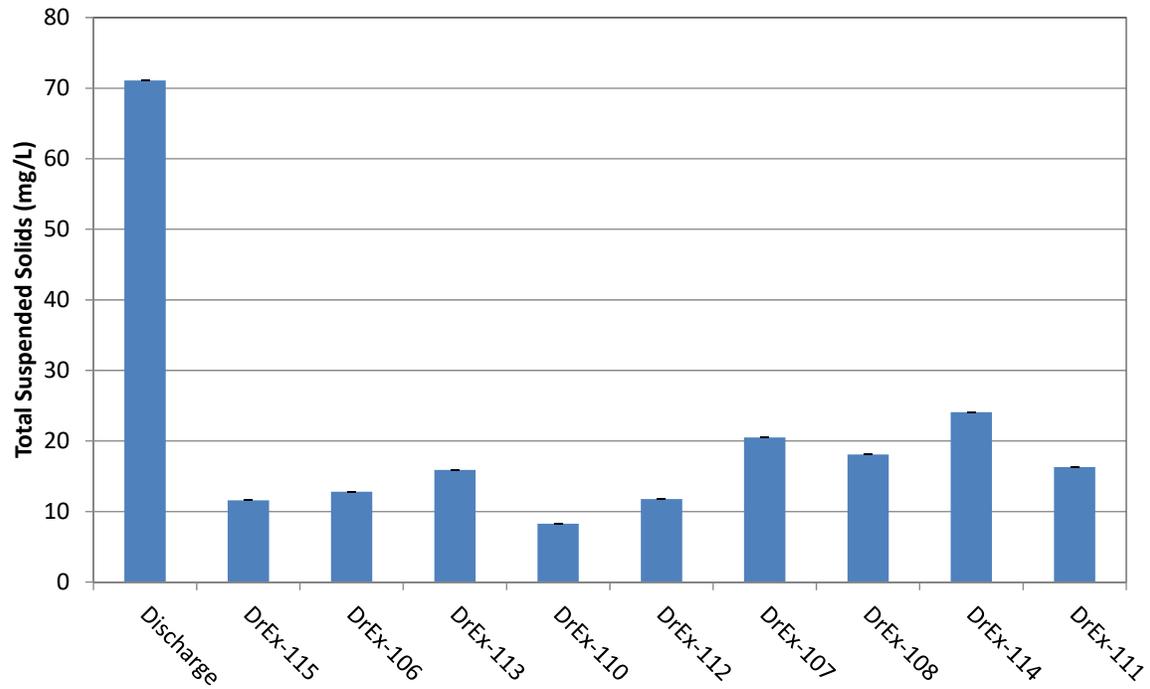
**Figure 80. Total suspended solids concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 7-hour composite samples from the stormwater plume during the Feb 1, 2016 event.**
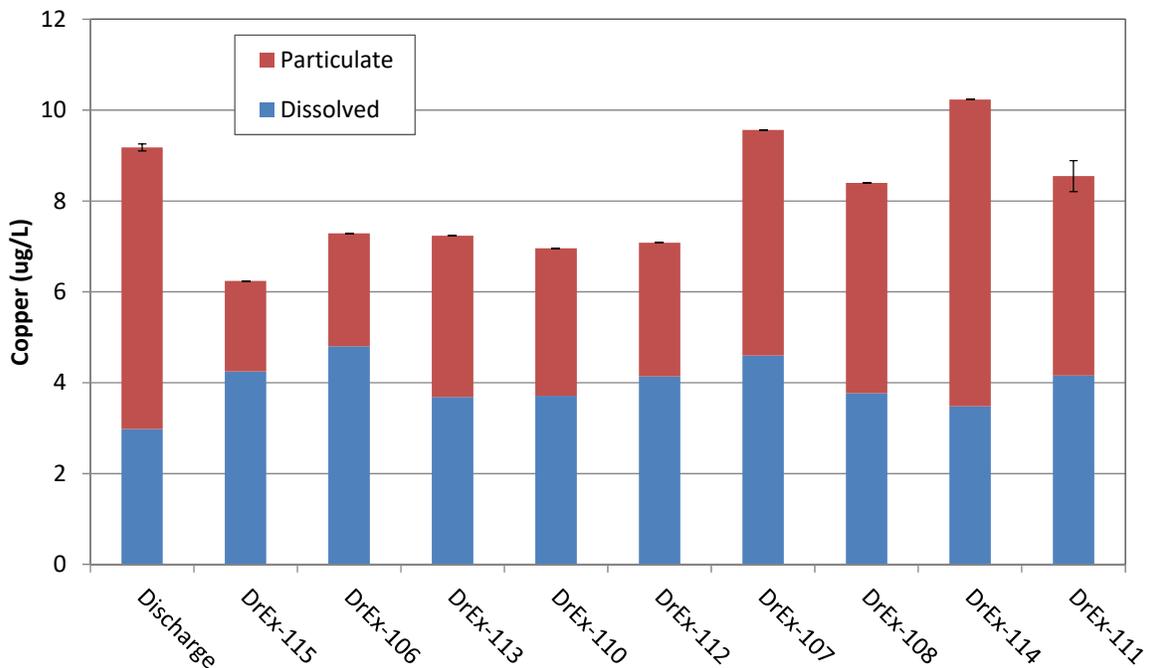


**Figure 81. Dissolved and particulate copper concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 7-hour composite samples from the stormwater plume during the Feb 1, 2016 event.**
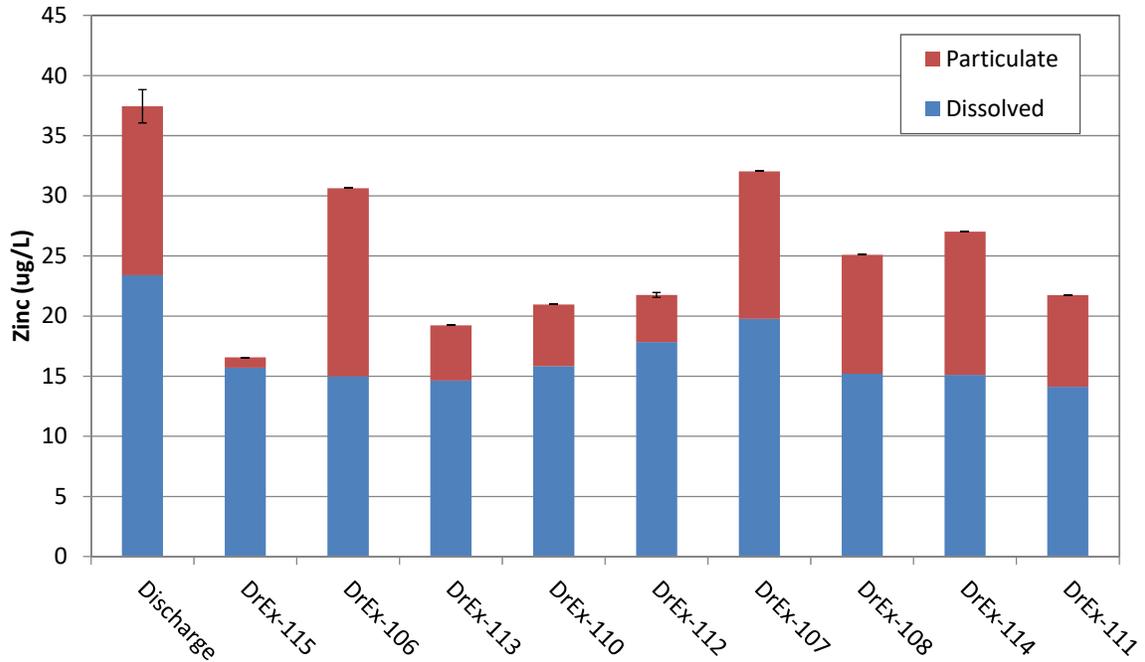
**Figure 82. Dissolved and particulate zinc concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 12-hour composite samples from the stormwater plume during the Jan 5-6, 2016 event.**
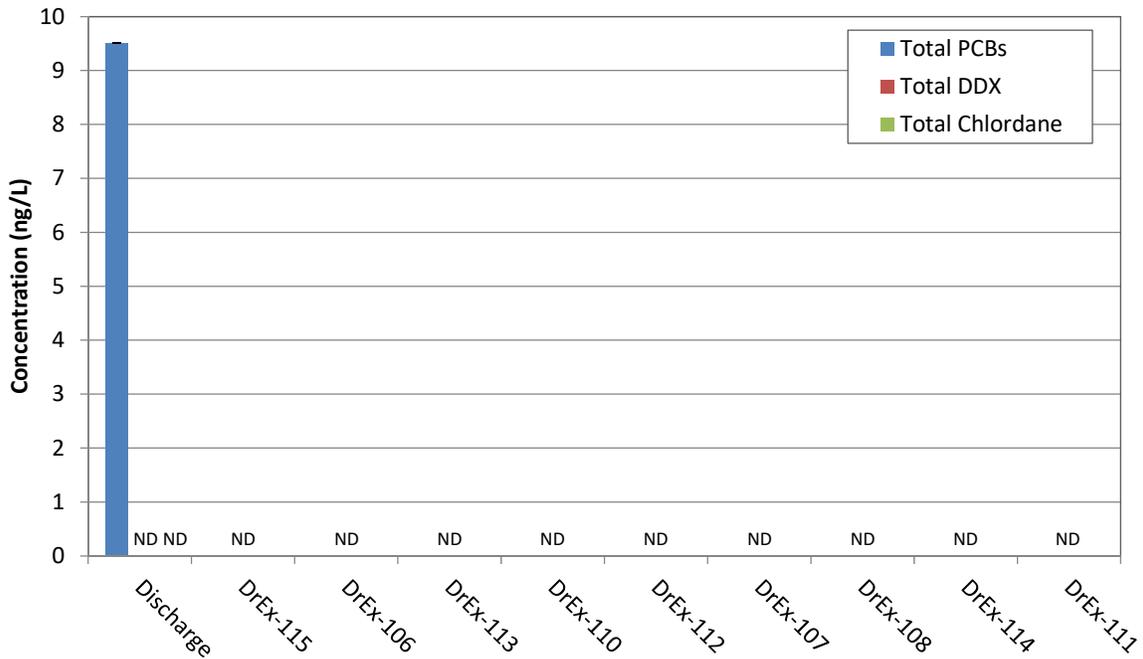


**Figure 83. Total PCB, DDX and Chlordane concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 12-hour composite samples from the stormwater plume during the Jan 5-6, 2016 event.**
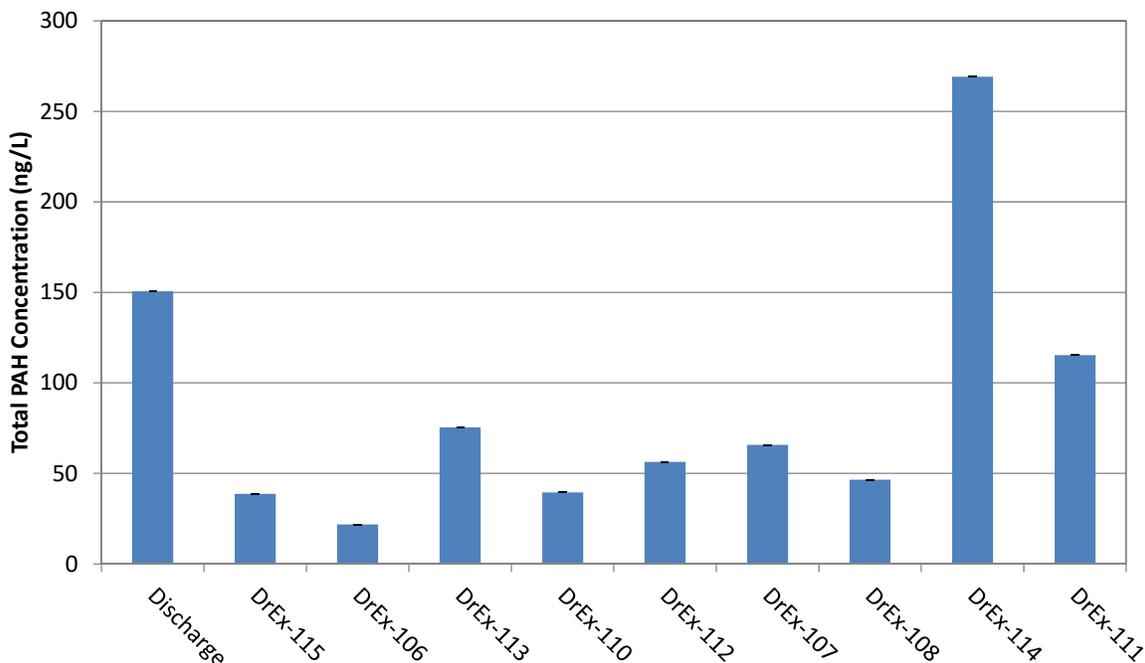
**Figure 84. Total PAH concentrations in the first flush discharge water at the mouth of Paleta Creek, and for the DrEx 12-hour composite samples from the stormwater plume during the Jan 5-6, 2016 event.**

**Table 23. Summary of toxicity results for the discharge sample and DrEx composite samples from the Jan 5-6, 2016 event.**

| Test Concentration (%) | Sea Urchin Mean 96-hr Development (% normal) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Discharge Sample | DrEx 106 | DrEx 107 | DrEx 108 | DrEx 110 | DrEx 111 | DrEx 112 | DrEx 113 | DrEx 114 | DrEx 115 |
| Lab Control | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| Brine Control | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 10 | 99.3 | **92.5**[a] | **68.3**[a] | 98.8 | 99.5 | 99.8 | 97.8 | 97 | 99 | 100 |
| 100* | 96.8 | **0.0**[c] | **2.8**[c] | **0.0**[c] | **92.0**[a] | **90.5**[a] | **88.8**[a] | 97.3 | 96.5 | 94.8 |
| **TST Results** | Not Toxic | Toxic | Toxic | Toxic | Not Toxic | Not Toxic | Toxic | Not Toxic | Not Toxic | Not Toxic |

Values in bold indicate a statistically significant decrease compared to the brine control as determined with the student's one tailed t-test.

Level of statistical significance: a - <0.05, b - <0.01, c - ≤0.001.

are as follows: Ambient (83.1%), 106 (84.0%), 107 (78.2%), 108 (78.6%), 109 (74.8%), 110 (82.6%), 111 (76.3%), 112 (84.10%), 113 (84.3%), 114 (77.2%), 115 (87.0%)
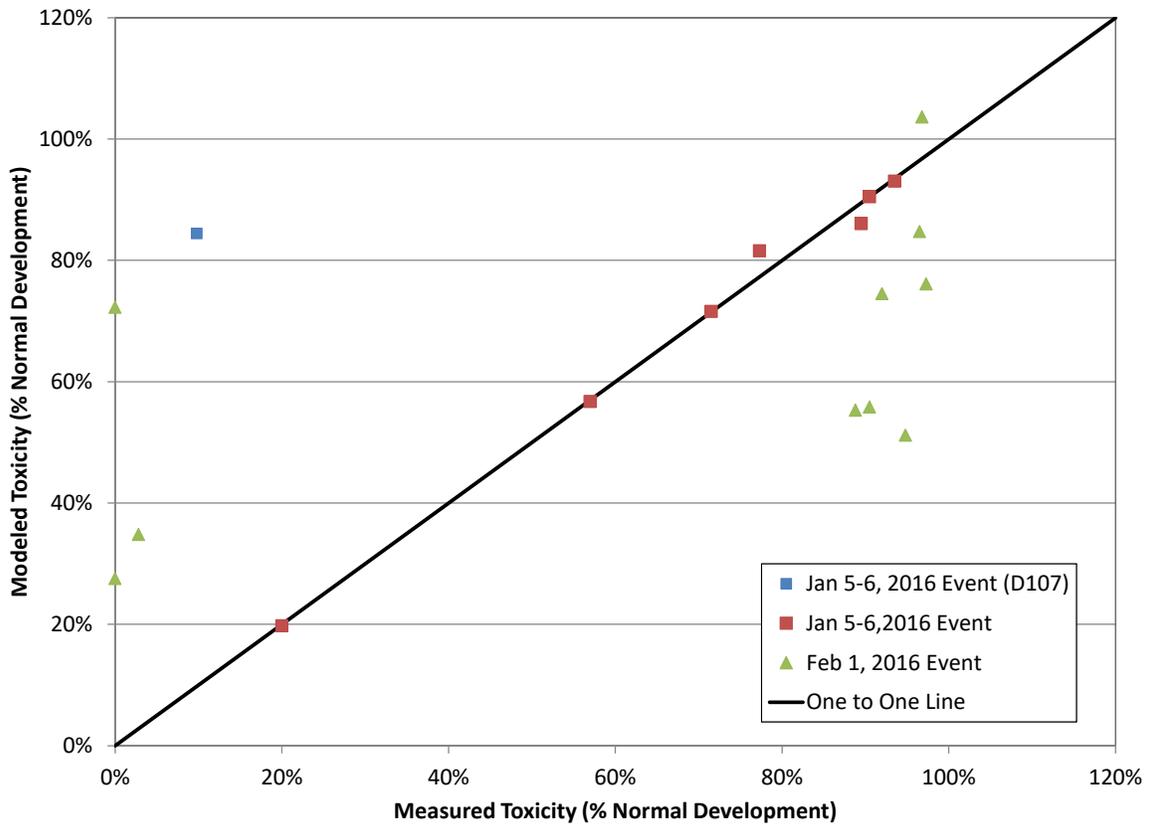
**Figure 85. Modeled vs. measured toxicity based on the linear model for dissolved copper and zinc described in the text (both storm events shown).**

DrEx Passive Samplers: In addition to the composite sampling capabilities, the DrEx system can also accommodate passive samplers. For the Feb 1, 2016 storm event, we incorporated DGT samplers for metals, and SPME samplers for organic contaminants. The DGTs were simply attached to the drifter frame at mid depth and exposed to the stormwater plume over the 12-hour period of the event. For the SPME samplers, we enhanced the flow over the sampler by using a battery-powered pump with the SPME fibers installed in a Teflon tube in line with the pump flow.

DGT samplers were recovered from all ten DrEx units. Duplicate DGT samplers were analyzed for cadmium, copper, lead, and zinc (Table 24). Post-evaluation of the zinc results indicated that there was contamination of the DGT samples for zinc, most likely either by the acid used in the digestion, or in the DGT resin itself. Values were corrected based on bias determinations from zinc blanks run during a parallel study during the same sample batch. For this reason, the zinc results have a high degree of uncertainty. Water concentrations derived from DGT samplers are generally inferred to represent the labile fraction of the metal. For this reason, they generally have values that are a fraction of the dissolved phase concentration. Labile copper concentrations ranged from a low of 1.2 μg/L to a high of 2.9 μg/L (Figure 86), representing on average about 54% of the dissolved fraction. Labile zinc concentrations ranged from a low of 10.8 μg/L to a high of 17.2 μg/L, representing on average about 87% of the dissolved fraction. The reduction in the labile copper fraction is consistent with the observation of significantly higher DOC in the discharge water. However there was no clear relationship between labile copper and zinc concentrations and the observed toxicity in the samples. Cadmium, nickel and lead levels were all relatively low and uniform across the ten DrEx samples. In general, the DGT samplers were relatively easy to adapt to the DrEx units and are well suited to exposure durations that are likely to be typical for the DrEx system.

SPME samplers were recovered from all ten DrEx units. SPME samplers were analyzed for PCBs, PAHs and chlorinated pesticides. Samples from the Feb 1, 2016 storm event did not suffer from the leakage issues associated with samples from the first storm event. However, the short exposure time (~7 hours) associated with the deployment, and some potential malfunctions of the circulation pumps impacted the utility of the data. The concentration of PRC PCBs of the blank average was greater than field exposed samples except samples D113 and D114, indicating either these pumps were not functioning or the pumps did not increase the elimination rate of PRCs from the Polydimethylsiloxane (PDMS) for these DrEx units. Due to inclement weather and safety concerns, the pumps were not checked at the end of this sampling event to ensure each was functioning properly; therefore, it was not possible to determine which was the case. For PCB-69, sample D108 also had concentrations greater the average of the blanks. For PCB-104 and 154, 6 to 7 of the 10 samples did not have concentrations greater than the average of the blanks, indicating the penta- and hexachlorinated biphenyls were less affected by the pump than the tri- and tetrachlorinated biphenyls. The correction factors could not be calculated for samples D108, D113, and D114 since sufficient percent to steady state was not achieved for more than one PCB PRC. For the other 7 samples, an average of 38%, 15%, 6%, and 0.5% to steady state was reached for PCB-29, 69, 104 and 154, respectively (with coefficient of variation CV ≤ 20%). This supports the notion that the more chlorinated the biphenyl, the less affected the elimination rate of the PRC from the

PDMS by pumping of water over the fiber. Also, it should be noted, the duration of deployment was approximately 7 hours. If the deployment time had been closer to the scoped goal of the 12 to 24 hours, each PCB PRC was likely to have reached considerably closer to steady state.

Final corrected results for the SPME samples are summarized in Table 25 for summed PCB homologues and total PCBs. In general, PCB concentrations were below detection limits for most congeners. PCBs were not detected for samples D106, D109, D111, D112, and D115. Hexa- and heptachlorinated biphenyls were detected in samples D107 and D109 with total PCB concentrations of 0.16 and 0.22 ng/L, respectively. However, these detections were potentially spurious and due to analytical artifact, impurity in the PRC solution, or contamination in the process.

PAHs and chlorinated pesticides were also analyzed from the SPME samples. Acenaphthene, anthracene, benzo (a) anthracene, chrysene, fluoranthene, fluorene, phenanthrene, pyrene, alpha-chlordane, dieldrin, and gamma-Chlordane were detected in one or more samples above reporting limits. Although the concentrations of deuterated PAHs in the blanks were largely variable (CV 40% to 101%), the average was used to calculate the correction factors. Overall, the regression models for each sample had strong correlation ($r2>0.8$), with the exception of samples D111 and D114, due to the high concentration of pyrene-d10 in these samples compared to the other field exposed samples. Sample D113 had concentrations of pyrene-d10 greater than the average of the blanks. This may indicate the elimination rates of pyrene-d10 was not affected by the flow of water over the PDMS coating. Acenaphthylene-d8 and benzo(a)pyrene-d12 reached an average of 98% and 89% steady state, respectively, with little variability among the field exposed samples (standard deviation 1% to 7%, respectively). Though, pyrene-d10, reached an average of 77% to steady state with 47% standard deviations. However, it would be unexpected that pyrene-d10 would less readily eliminate from PDMS compared to benzo(a)pyrene based on partitioning coefficients. It may also indicates samples D111, D113, and D114 were either less affected by the pumped water or the pump was not functioning.

Final results for the SPME samples are summarized in Table 26 for total PAHs and chlorinated pesticides. In general, PAHs, chlordane and dieldrin were detected in the DrEx samples. PAHs, chlordane and dieldren were not detected in any of the blanks. Concentrations of total PAHs ranged from a low of 28.4 ng/L in DrEx 109 to a high of 2510 ng/L in DrEx 114. The average total PAH level in the ten samples with detections was 595 ng/L. This is considerably higher than the levels detected in the composite samples. Concentrations of total chlordane ranged from below detection to a high of 0.089 ng/L. Chlordane was not detected in the composite samples, but the detection limit was significantly higher (0.3 ng/L) and thus detections would not have been expected unless they were associated with particles. Concentrations of dieldren ranged from below detection to a high of 0.33 ng/L, similar to the levels observed in the Jan 5-6 event. As with chlordane, dieldren was not detected in the composite samples, but the detection limit was significantly higher (0.3 ng/L) and thus detections would not have been expected unless they were associated with particles. Results for total DDX were consistent between the SPME and composite sampling results in that there were no detections in any of the samples.

Overall, while still developmental, the passive sampler results indicated that there is potential for their application on these drifting exposure systems. The DGT samplers are better suited to the application because the exposure time scale is more in line with the standard DGT method. The SPME samplers have potential, but the application is not truly passive because it requires pumping, and more work is needed to better refine the method and improve the response time.

**Table 24. DGT results for the Feb 1, 2016 event. Units are in μg/l.**

| DrEx Unit | Cd | Cu | Ni | Pb | Zn |
|-----------|-----|-----|-----|-----|------|
| 106 | 2.6 | 1.9 | 1.5 | 0.5 | 13.8 |
| 107 | 2.6 | 1.2 | 1.2 | 0.4 | 13.3 |
| 108 | 2.9 | 2.5 | 1.4 | 0.5 | 14.7 |
| 109 | 2.7 | 1.2 | 1.4 | 0.8 | 17.2 |
| 110 | 2.8 | 2.6 | 1.7 | 0.7 | 16.9 |
| 111 | 3.0 | 2.2 | 1.5 | 0.6 | 15.5 |
| 112 | 2.6 | 2.9 | 1.3 | 0.4 | 12.0 |
| 113 | 2.8 | 1.7 | 1.2 | 0.4 | 12.5 |
| 114 | 2.8 | 1.4 | 1.5 | 0.5 | 12.1 |
| 115 | 2.6 | 2.3 | 1.9 | 0.4 | 10.8 |
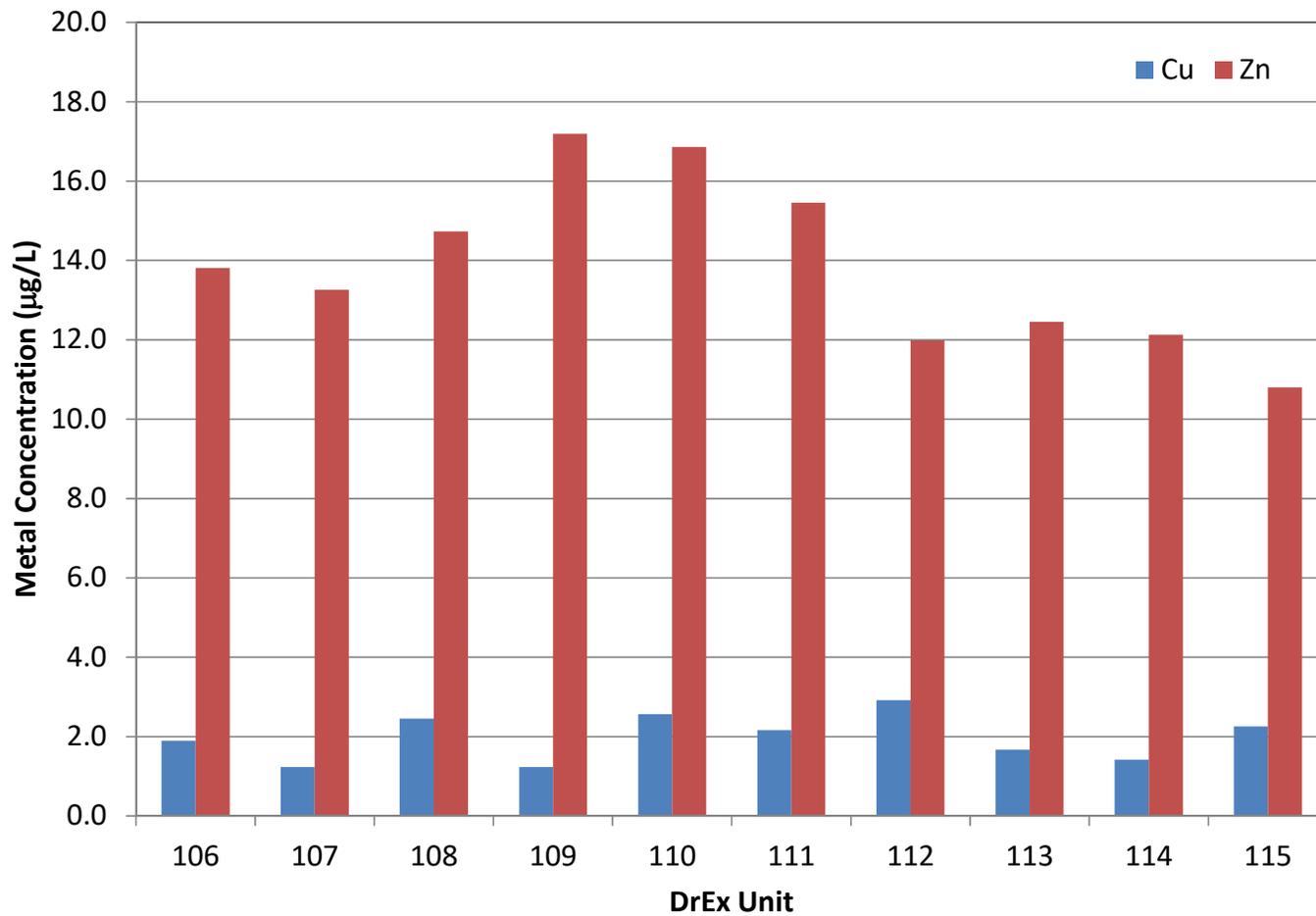
**Figure 86. Labile copper and zinc concentrations in the Feb 1, 2016 stormwater plume based on the DGT samplers that were attached to the DrEx units.**

**Table 25. SPME passive sampler results for PCBs for the Feb 1, 2016 event.**

| Sample ID | Concentration of PCB Homologs in Surface Water [1] (ng PCB/L Surface water) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Mono | Di | Tri | Tetra | Penta | Hexa | Hepta | Octa | Nona | Total PCBs [2] |
| D106 | < 0.12 | < 0.047 | < 0.05 | < 0.082 | NC | NC | NC | NC | NC | < 0.12 |
| D107 | < 0.27 | < 0.1 | < 0.041 | < 0.011 | < 0.0039 | **0.073** | **0.084** | < 0.0057 | NC | **0.16** |
| D108 | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC |
| D109 | < 0.12 | < 0.047 | < 0.042 | < 0.072 | NC | NC | NC | NC | NC | < 0.12 |
| D110 | < 0.26 | < 0.1 | < 0.04 | < 0.011 | < 0.0041 | **0.091** | **0.13** | NC | NC | **0.22** |
| D111 | < 0.29 | < 0.12 | < 0.05 | < 0.021 | < 0.054 | NC | NC | NC | NC | < 0.29 |
| D112 | < 0.12 | < 0.047 | < 0.05 | < 0.093 | NC | NC | NC | NC | NC | < 0.12 |
| D113 | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC |
| D114 | NC | NC | NC | NC | NC | NC | NC | NC | NC | NC |
| D115 | < 0.12 | < 0.047 | < 0.061 | < 0.11 | NC | NC | NC | NC | NC | < 0.12 |
| Average Method Detection Limit for Non-Detect Results | 0.120 | 0.037 | 0.024 | 0.0410 | 0.0140 | 0.00180 | 0.00230 | 0.0057 | - | - |

**Notes:**

1 The concentration of PCB Homologs in each sample were calculated as the sum of the detected PCB congeners (Table 7). If no congeners were detected, the maximum detection limit for the congeners within the homolog group is reported.

2 Total PCBs were calculated as the sum of the detected PCB homologs. If concentrations were non-detect for all homologs, total PCBs were assumed to be equal to the highest homolog detection limit.

3 NC results were not calculated because conditions were insufficient to reach 1% of steady state, as described in Table 6.

4 Concentrations of PCB congeners 132/153, 146, 147/149, 183, and 187 may have been detected erroneously and were not included in these calculations (Table 3).

5 Abbreviations:

**Table 26. SPME passive sampler results for PAHs and chlorinated pesticides for the Jan 5-6, 2016 event (units are ng/L).**

| Sample ID | Total PAHs | Total DDX | Aldrin | Total Chlordane | Dieldrin | Total Endosulfan | Total Endrin | Lindane | Total Heptachlor | Methoxychlor | Toxaphene |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D106 | **134.95** | < 0.031 | < 0.0075 | **0.089** | **0.33** | < 1.8 | < 4.4 | < 1.5 | < 0.06 | < 0.11 | < 0.049 |
| D107 | **43.7** | < 0.031 | < 0.0077 | **0.062** | **0.23** | < 1.8 | < 4.4 | < 1.5 | < 0.06 | < 0.11 | < 0.049 |
| D108 | **158.12** | < 0.03 | < 0.0076 | **0.063** | **0.23** | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D109 | **28.4** | < 0.03 | < 0.0073 | **0.069** | **0.24** | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D110 | **134.3** | < 0.03 | < 0.0072 | < 0.014 | **0.087** | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D111 | **154.2** | < 0.031 | < 0.0074 | < 0.014 | **0.091** | < 1.8 | < 4.4 | < 1.5 | < 0.06 | < 0.11 | < 0.049 |
| D112 | **70.8** | < 0.03 | < 0.0072 | **0.043** | **0.19** | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |
| D113 | **1240** | < 0.032 | < 0.008 | < 0.015 | < 0.064 | < 1.8 | < 4.5 | < 1.5 | < 0.061 | < 0.11 | < 0.05 |
| D114 | **2510** | < 0.048 | < 0.011 | < 0.021 | < 0.1 | < 2.9 | < 7.1 | < 2.4 | < 0.095 | < 0.17 | < 0.077 |
| D115 | **1480** | < 0.03 | < 0.0076 | < 0.014 | < 0.062 | < 1.8 | < 4.4 | < 1.5 | < 0.059 | < 0.11 | < 0.048 |

**Notes:**

[1] The concentration of each summation was calculated as the sum of all the compounds of that group.  If no compounds were detected, the maximum detection limit for the compoundss within the group is reported.

### 5.6.2   DPS and SeDep Demonstration Results

The DPS/SeDep demonstration included two events. The first event was conducted at the Oscar Pier site in Pearl Harbor during the period March 12 – April 26, 2016 and included application of both systems. The second event was conducted at the Waiau Generating Station site in Pearl Harbor and focused only on the DPS technology.

The primary data from the DPS deployments included the three-dimensional DPS trajectories, the bottom-detection locations, and onboard temperature and salinity. Position data from the surface float, and depth data from the drogue winch were combined to construct the three-dimensional trajectories. Geospatial display was performed using standard GIS tools including ArcGIS, MatLab and GoogleEarth. Bottom-detection locations were compiled from all of the drifter releases to develop an overall map of the deposition footprint linked to the outfall discharge location. This footprint was calculated using geostatistical mapping techniques to construct a footprint map for subsequent deployment of SeDep systems. The temperature and salinity data recorded were used to characterize background conditions of stratification in the discharge area in the absence of stormwater releases. These data were analyzed to compare surface and deeper water conditions.

Verification data for the DPS demonstration included sub-meter resolution GPS data and water depths collected at DPS locations over the course of the survey. Differences between the paired samples from the drifter and verification GPS data sets were analyzed to evaluate the accuracy of the DPS trajectory data. This analysis focused on the statistics of the RMS location differences. Water depth measurements at the drifter locations were analyzed together with the DPS drogue depth and bottom detection data to verify that the DPS bottom detection algorithm was working properly. Reliability of the communications link was analyzed to determine the percent of time that the communications link was maintained during the survey period. The survivability of the units was calculated as the percent of units that successfully complete the mission, accounting for units that were lost, disabled, malfunctioned, etc. Depth measurements and line payout were analyzed to evaluate how closely these measures track and to determine the potential horizontal offset between the surface float and the drogue. These estimates were made using a standard catenary calculation formula.

Primary data from the SeDep system included time series of sediment mass, sediment trap samples, and surface sediment samples from above the deposition sensor at the end of the deployment period. Time series data from the deposition sensor were averaged to one-hour intervals and plotted to visualize the time trend in deposition at each station. Deposition rates were examined for the overall deployment, and for events and quiescent periods during the deployment. Quiescent periods were also be analyzed to assess the in situ variability associated with the measurements. Sediment trap sample results were evaluated in the context of the time-series observations from the deposition sensors. Deposition mass in the traps was compared to the time-integrated results from the sensors. Chemistry results from the traps and surface sediment samples were used to estimate mass loading to the sediment bed via ongoing deposition.

Verification data for the SeDep demonstration included deposition detection sensitivity, measurement reliability, system survivability, and ease of use. Detection sensitivity was analyzed from field measurements based on the variability measured during quiescent periods of the deployment when no storm events, ship movements or other significant sediment transport processes were active. Evaluation of the pressure sensor response was also analyzed based on the placement of calibration mats (rubber or vinyl sheeting) on top of the sensors at the end of the deployment to check the response to a known loading. Survivability in the field was analyzed based on successful mission completion, without major system failures or lost units during field deployments. Ease of use data were summarized based on diver interviews following the deployment and retrieval phases of the demonstration.

### 5.6.2.1 March 12-13, 2016 DPS Event – Oscar Pier

Tides and Winds: In the absence of strong freshwater discharges, the primary influences on the circulation in Pearl Harbor are tides and winds. The DPS survey at Oscar Pier was conducted during the period from March 12-13, 2016. Tide and wind conditions for the deployment period are shown in Figure 87 relative to the DPS release and tracking period. The tracking took place over a complete diurnal tide cycle with a tidal range of about 0.5 m which is typical for Pearl Harbor. Wind conditions were also typical trade winds for the area with wind speeds ranging from about 10 mph during the night to about 20 mph during the day and generally blowing from the ENE direction. Release times for the DPS units started during a period of ebb flow, and continued through successive flood and ebb periods. There was no precipitation during the event.

DPS Tracking: During the Mar 12-13, 2016 event, a total of 17 DPS releases from the Oscar Pier area were successfully tracked to bottom contact. Three-dimensional trajectories for the DrEx systems are shown in Figure 88 – Figure 93. The trajectories showed a strong tidal dependence. During slack high water and early ebb tide conditions, DPS units generally stayed close to the shoreline and traveled southward toward the mouth of the harbor, often looping back and making bottom contact near the release point. During the latter ebb and slack low water conditions, DPS units tended to transit along the shoreline to the north and further into the harbor along the main channel. During the late flood condition, DPS unit often traveled out into the channel away from the shoreline, and then travel either north or south along the channel. The tidal influence on the DPS units led to strong spreading and dispersion for units released over the tidal cycle and a correspondingly large deposition footprint that was strongly strained to the north and south along the channel and the Oscar Pier shoreline area.

A number of useful characteristics can be extracted from the DPS trajectory data including travel distance and speed. These metrics provide insight into the scale and movement associated with the DPS trajectories. Results for travel distance and average speed are shown in Figure 96 and Figure 97, respectively. The travel distance results show that particles released from the Oscar Pier outfall traveled distances ranging from about 0.3 – 1.9 km with an average distance of about 1.0 km. The travel distance follows a trend that roughly corresponds with the different tidal conditions, with longer trajectories generally occurring for DPS units released during the late ebb and slack low water tide conditions.

The average transit speed during the deployment ranged from 2.1 – 8.3 cm/s with an overall average of 4.8 cm/s. These speeds are consistent with the relatively low current speeds in Pearl Harbor associated with limited tidal range. As with the travel distance, the transit speed also showed a correspondence with tide condition at the time of release for the DPS unit with higher speeds generally associated with DPS units released during the late ebb and slack low water tide conditions.

Settling Rate and Bottom Contact: The DPS units were programmed to simulate silt sized particle transport with an effective settling rate of 34 mm/min. Results showed that all of the DPS units followed this rate closely. Vertical profiles of the DPS depth versus time and the bottom contact depth are shown in Figure 98. The profiles show the uniform settling rate for all DPS units. DPS 9-2 showed a minor interruption at about midway through its transit. The cause is not known. Bottom contact depths ranged from about 6.8 m for DPS 1-1, to a high of 16.9 m for DPS 9-1, with an average of 11.8 m. These results suggest that the DPS units can function effectively over the expected range of depths for harbor environments. Because the settling rates were uniform, bottom contact times varied as a function of the contact depth. Settling times varied from a low of 3.3 hours for DPS 1-1, to a high of 8.3 hours for DPS 9-1, with an average of 5.8 hours.

The spatial distribution and footprint of bottom contacts are shown in Figure 94 and Figure 95. Two qualitative footprint areas were defined including the footprint that encompassed only the bottom contact locations, and a broader footprint that encompassed the trajectories and the bottom contacts. The first footprint is descriptive of the likely deposition area for silt-sized particles released from the outfall near Oscar Pier. The second footprint is representative of silt and large (faster settling) size particles based on the assumption that these particles would settle somewhere along the trajectory leading to the bottom contact location for silt.

The distribution was separated roughly into three groups including a group that stayed relatively close to the outfall (1-1, 1-2, 3-1, 4-3, 5-3 and 9-2), a group that was transported south toward the harbor entrance (9-1 and 10-1), and a group that was transported north further into the harbor (1-3, 4-1, 4-2, 5-1, 5-2, 6-1, 7-1, 7-2 and 8-1). While not supported by statistical replication, these results suggest that silt-sized particles discharged from the outfall near Oscar Pier are most likely to either settle near the outfall or be swept further into the harbor. By percentage, 35% settled near the outfall, 53% were transported and settled further into the harbor, and 12% were transported and settled further out of the harbor.

The overall spatial scale and area of the footprint were estimated based on the root-mean-square distance from the bottom contact cluster centroid, and the mean-square distance from the bottom contact cluster centroid, respectively. The length scale of the footprint based on this method was about 2.5 km, and the area was about 6.4 km$^2$. These spatial scales are relatively large and indicate that for silt particles, the footprint associated with a given outfall discharge is likely to interact with numerous other nearby outfalls. Also the results suggest that near field monitoring will pick up a portion of the discharge, but the particles associated with the discharge do not only influence the area immediately adjacent to the outfall.

Overall, the GPS tracking and bottom contact data collected using the DPS systems provided a clear visualization of the area of the harbor with connectivity to the outfall, the depth, spatial and time scales of the transport area, and the spatial location and size characteristics of the deposition footprint. These are all key aspects in understanding the complex nature and extent of the particle transport associated with discharge from a given outfall location.

DPS Sensor Data: Sensors mounted on the DPS units recorded temperature and salinity continuously during the Mar 12-13, 2016 survey event. The primary purpose of the sensor measurements was to document conditions during the deployments and demonstrate that the system can accommodate sensors of this type. The temperature and salinity data would be more relevant during an actual storm event. In addition, sensors such as transmissometers or optical backscatter sensors would also be useful during storm event deployments. For the non-storm deployments that were conducted here, the sensors primarily provide background information on site conditions. Results for the sensor data are described below.

Salinity and temperature data for the DPS sensors are shown in Figure 99 and Figure 100, respectively. Of the 17 tracking events, sensor data were successfully collected during 13. DPS units 2 and 9 did not have a sensor on board, so the deployments with those systems did not report sensor data. Data downloading issues with the data loggers on the sensors accounted for the other missing data. In general, the salinity data were relatively uniform throughout the survey event as expected for a non-storm condition. Several of the deployments showed higher salinity at depth, especially for the systems that made bottom contact in deeper water. There also appeared to be some tidal variation with slightly lower salinity conditions during the low water periods compared to high water periods. Temperature data were also relatively uniform through the survey event. Slightly warmer water prevailed just after low water conditions. Vertical temperature variations were minimal. In general, the results illustrate that the DPS system can act as a platform for sensors to track background or storm event conditions during the trajectories of the drifters.
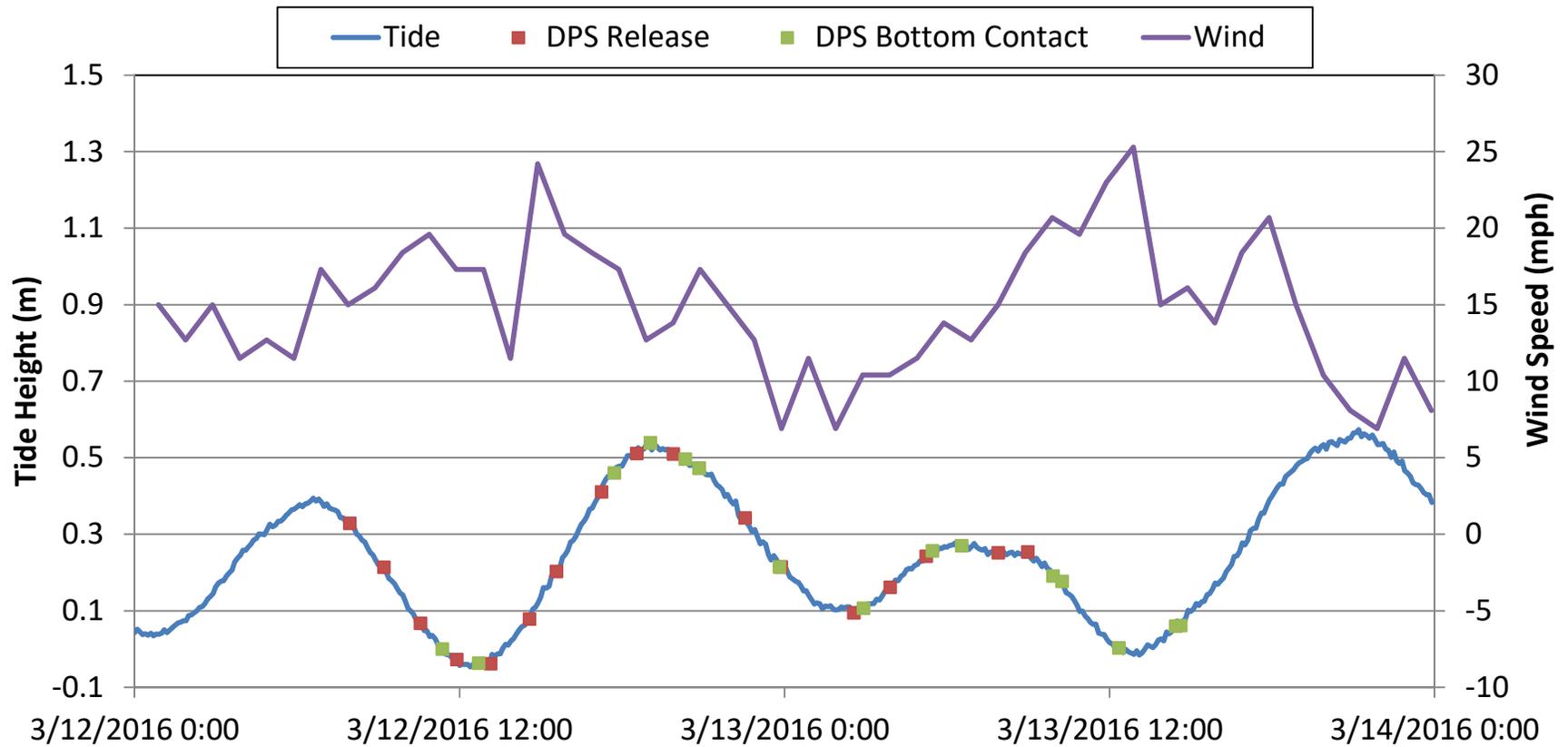
**Figure 87. Wind and tide conditions for the March 12-13, 2016 DPS survey event.**
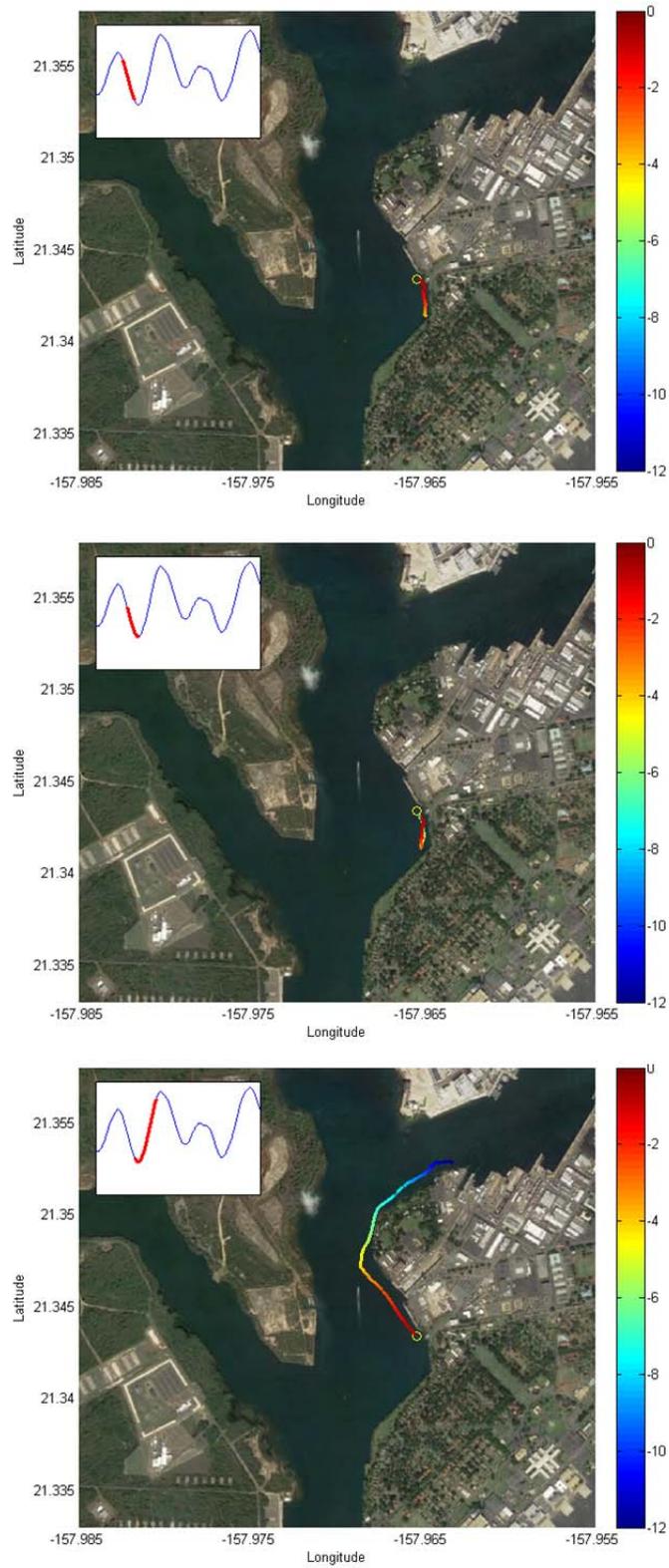
**Figure 88. DPS trajectories and tide conditions for DPS1-1, DPS3-1, and DPS4-1. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
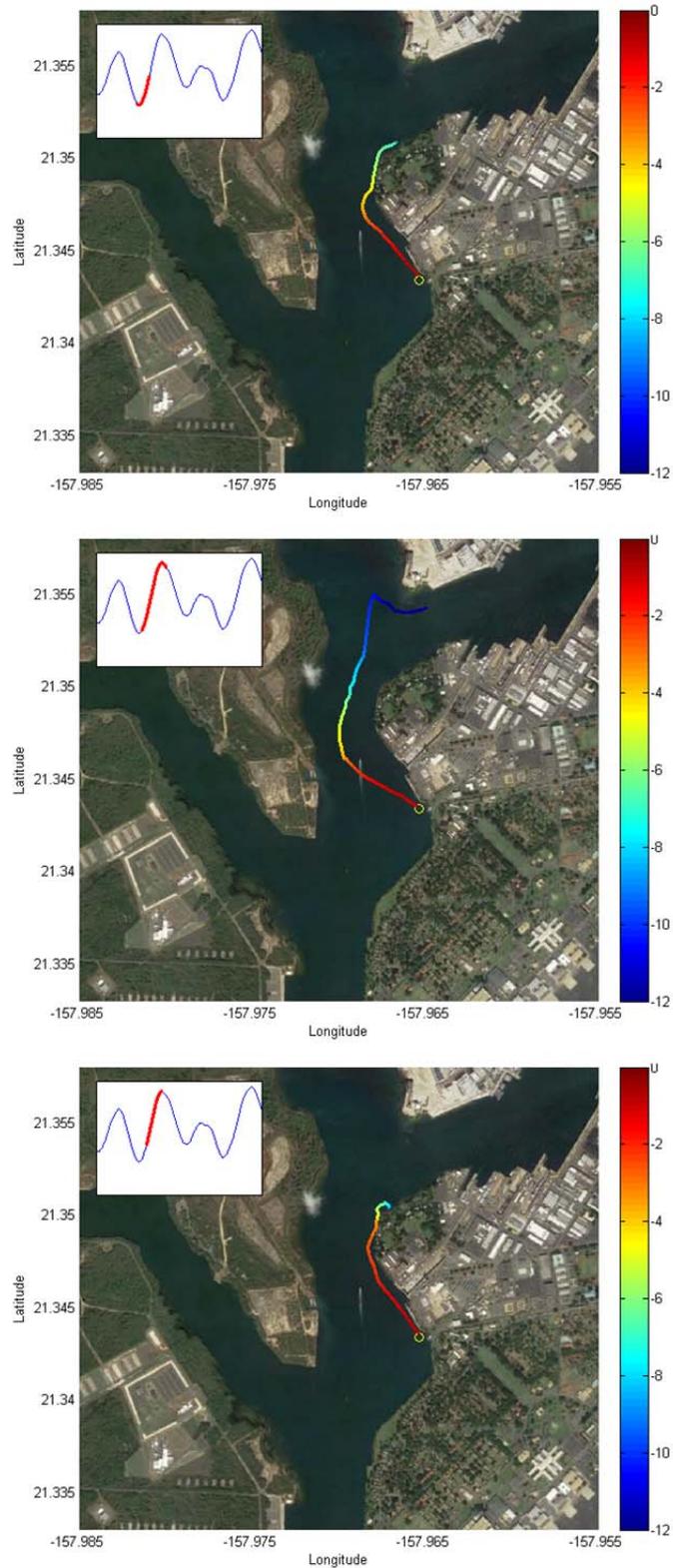
**Figure 89. DPS trajectories and tide conditions for DPS5-1, DPS6-1, and DPS7-1. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
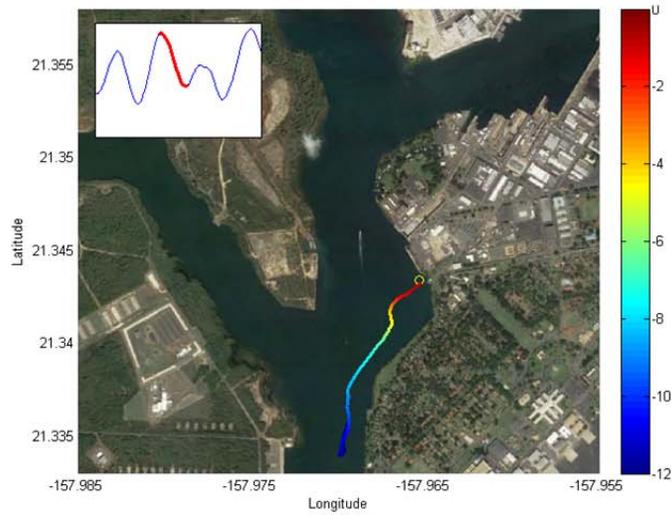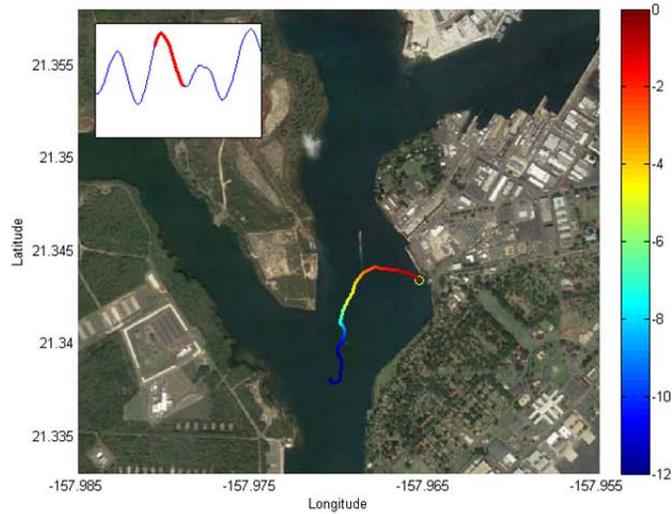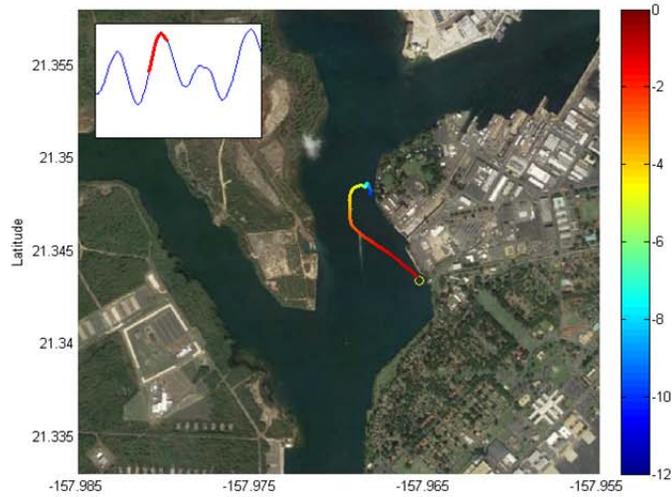
**Figure 90. DPS trajectories and tide conditions for DPS8-1, DPS9-1, and DPS10-1. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
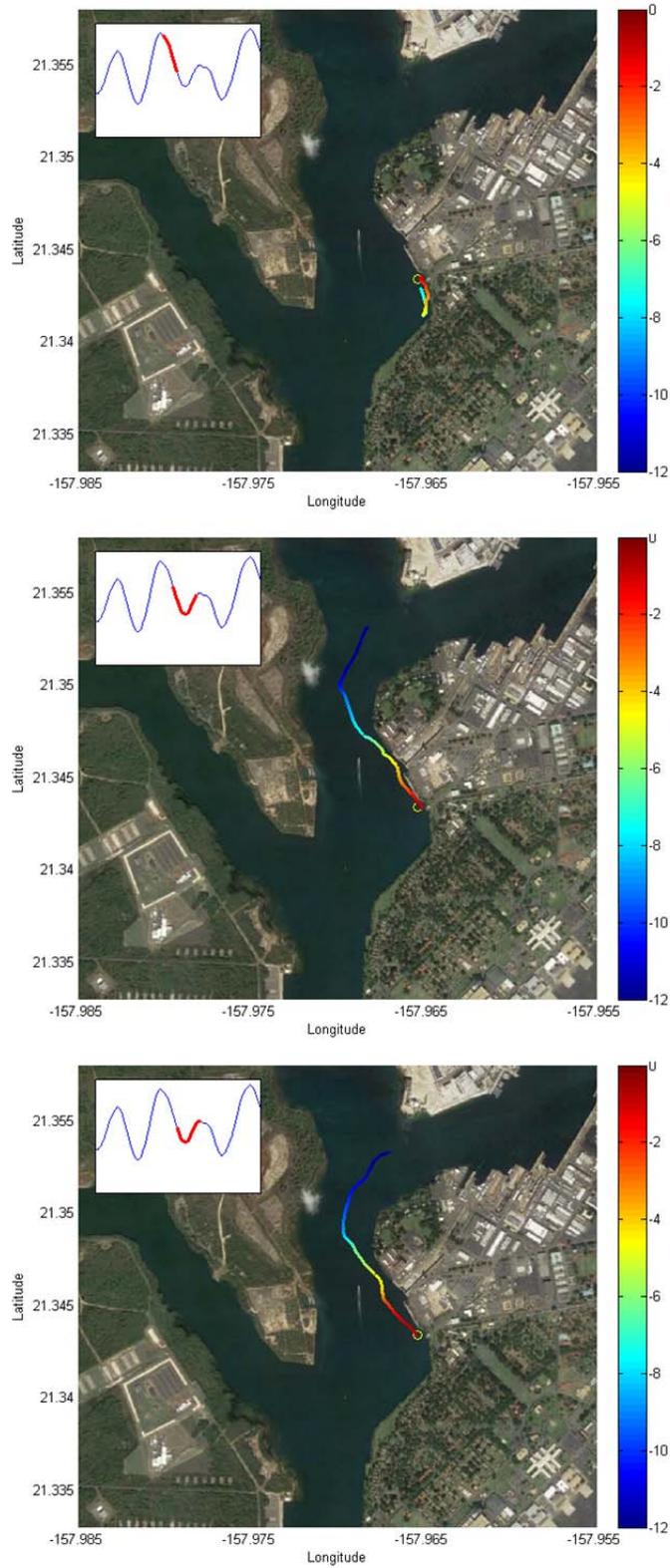
**Figure 91. DPS trajectories and tide conditions for DPS1-2, DPS4-2, and DPS5-2. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
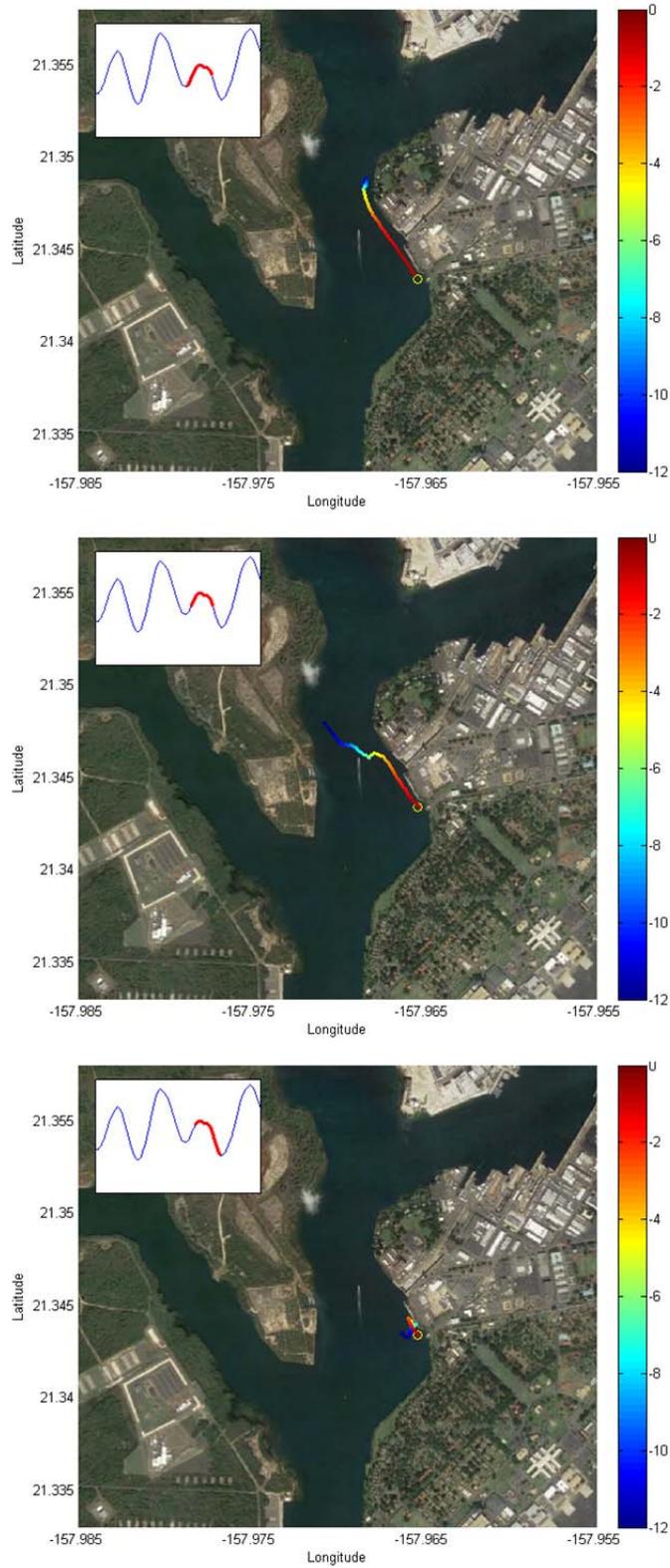
**Figure 92. DPS trajectories and tide conditions for DPS1-3, DPS7-2, and DPS9-2. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
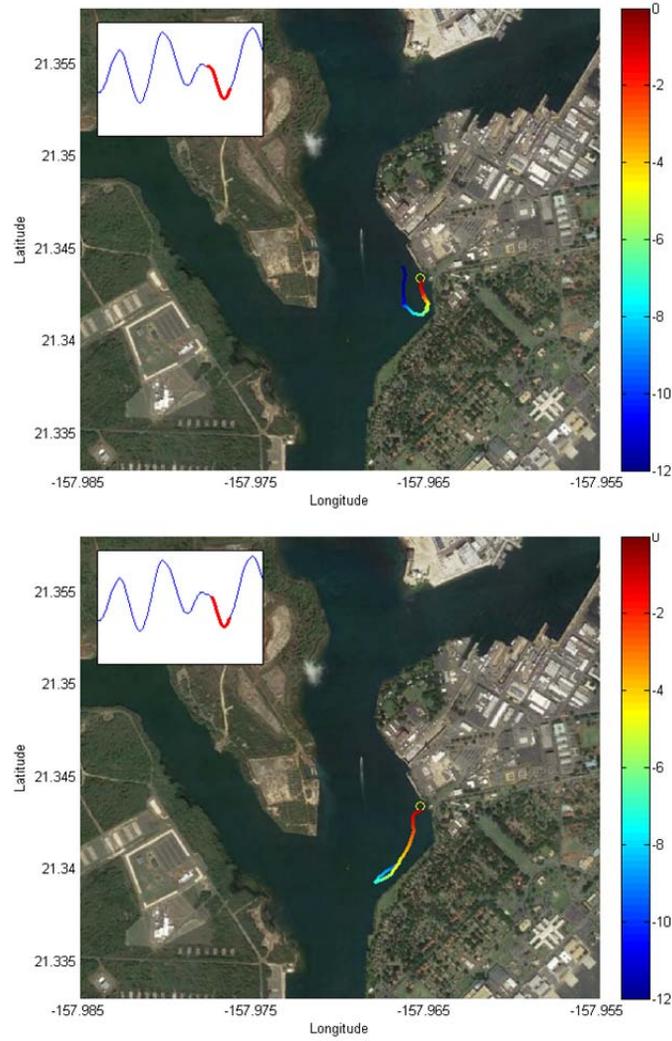
**Figure 93. DPS trajectories and tide conditions for DPS4-3 and DPS5-3. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
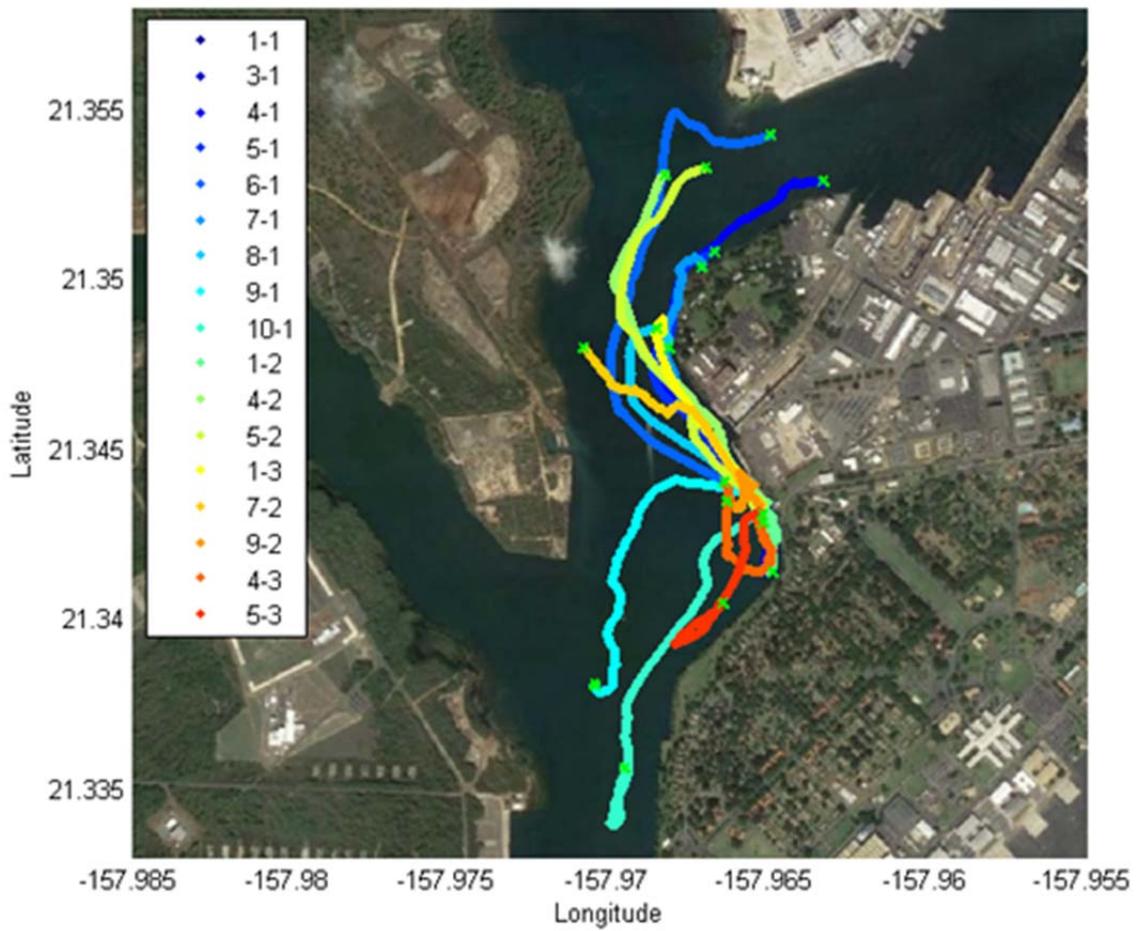
**Figure 94. Complete DPS trajectory map showing individual trajectories for the 17 DPS units (colored lines) and bottom contact locations (green x's).**
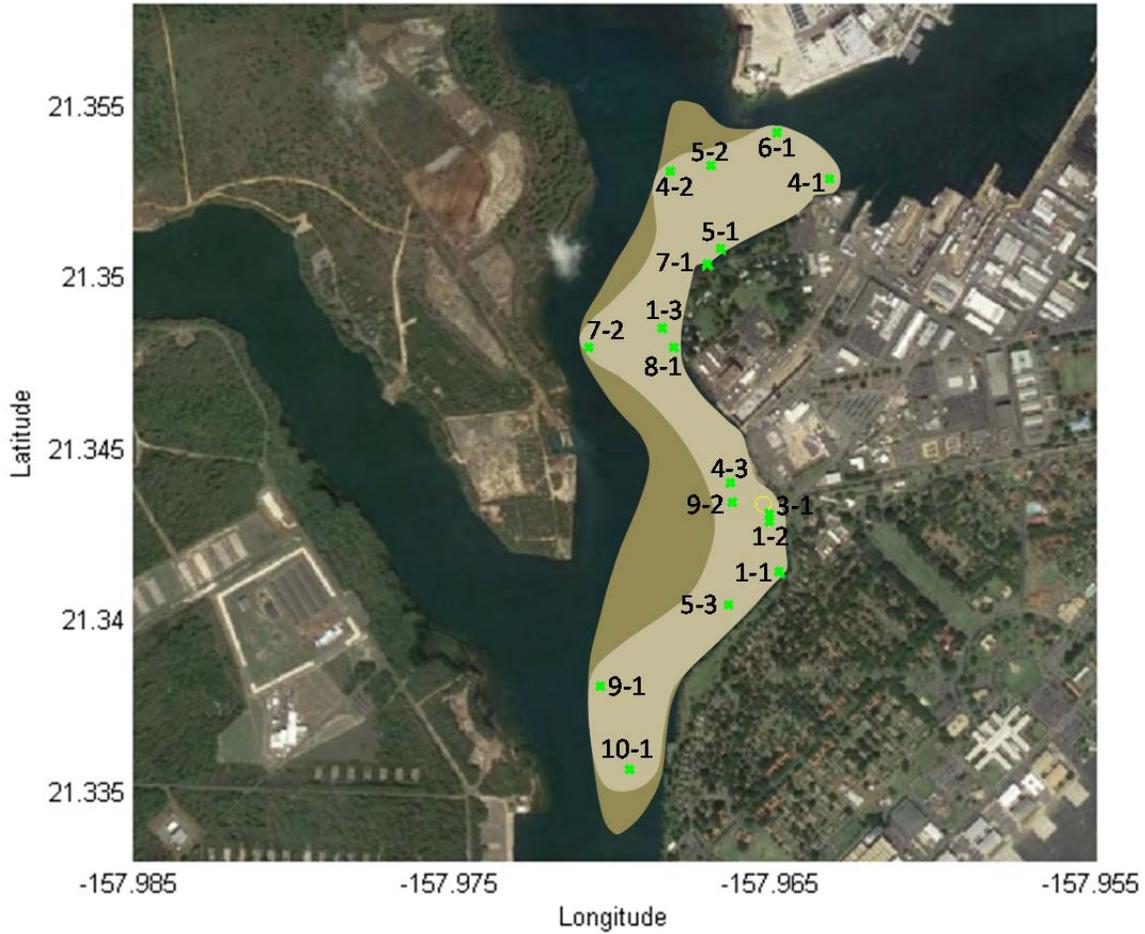
**Figure 95. Deposition footprint with connectivity to the stormwater discharge outfall near Oscar Pier. The light shaded area indicates the area encompassed by the actual bottom contacts for the target 34 mm/min (silt) settling rate particles. The darker shaded area encompasses the trajectories and bottom contacts and is representative of the potential deposition of particles sinking at ≤34 mm/min (silts and sands). The green x's are the actual bottom contact locations.**
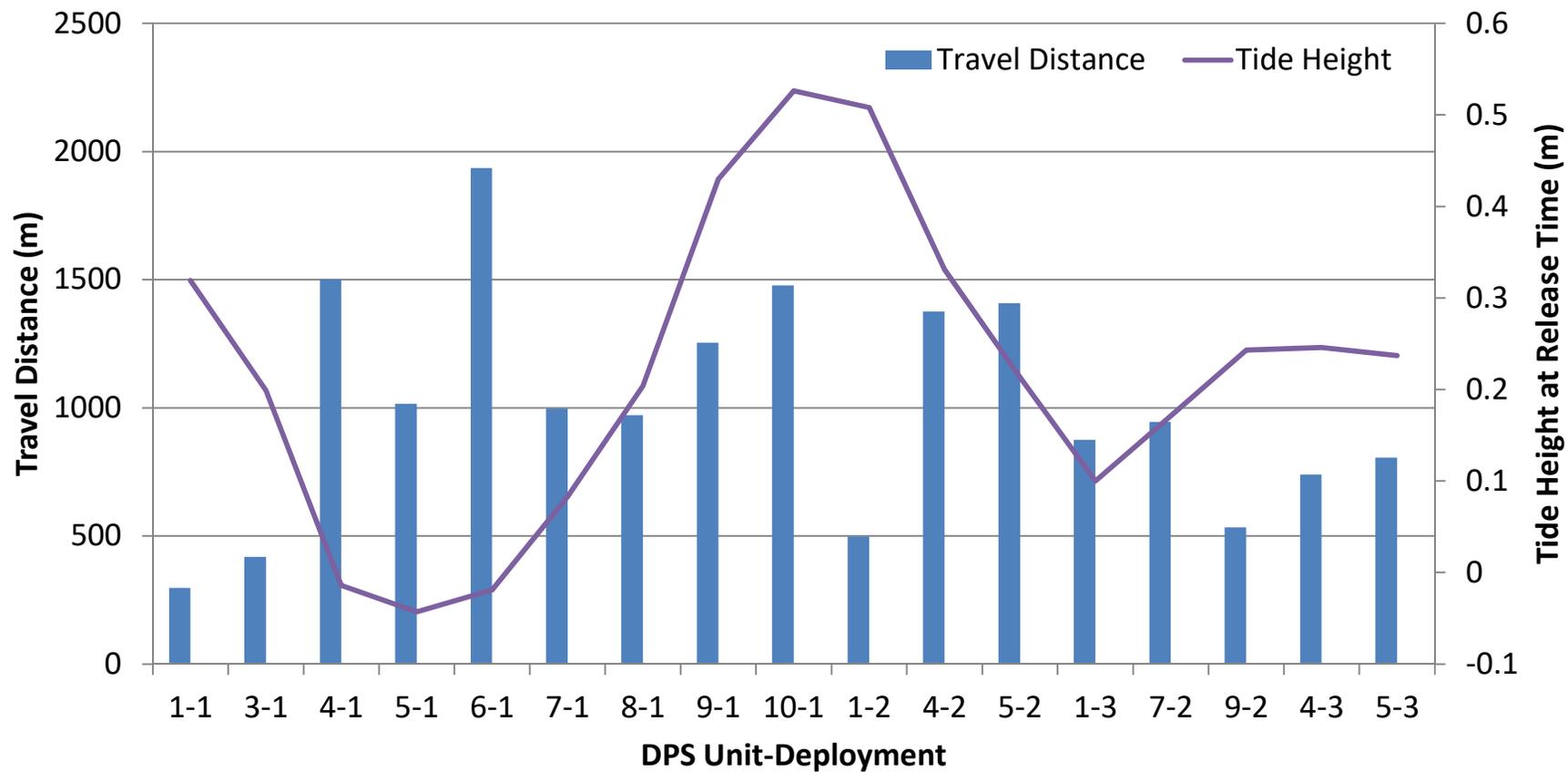
**Figure 96. Total travel distance and tide condition for each of the DPS units released during the Mar 12-13, 2016 Oscar Pier event. Shown in order of release from left to right.**
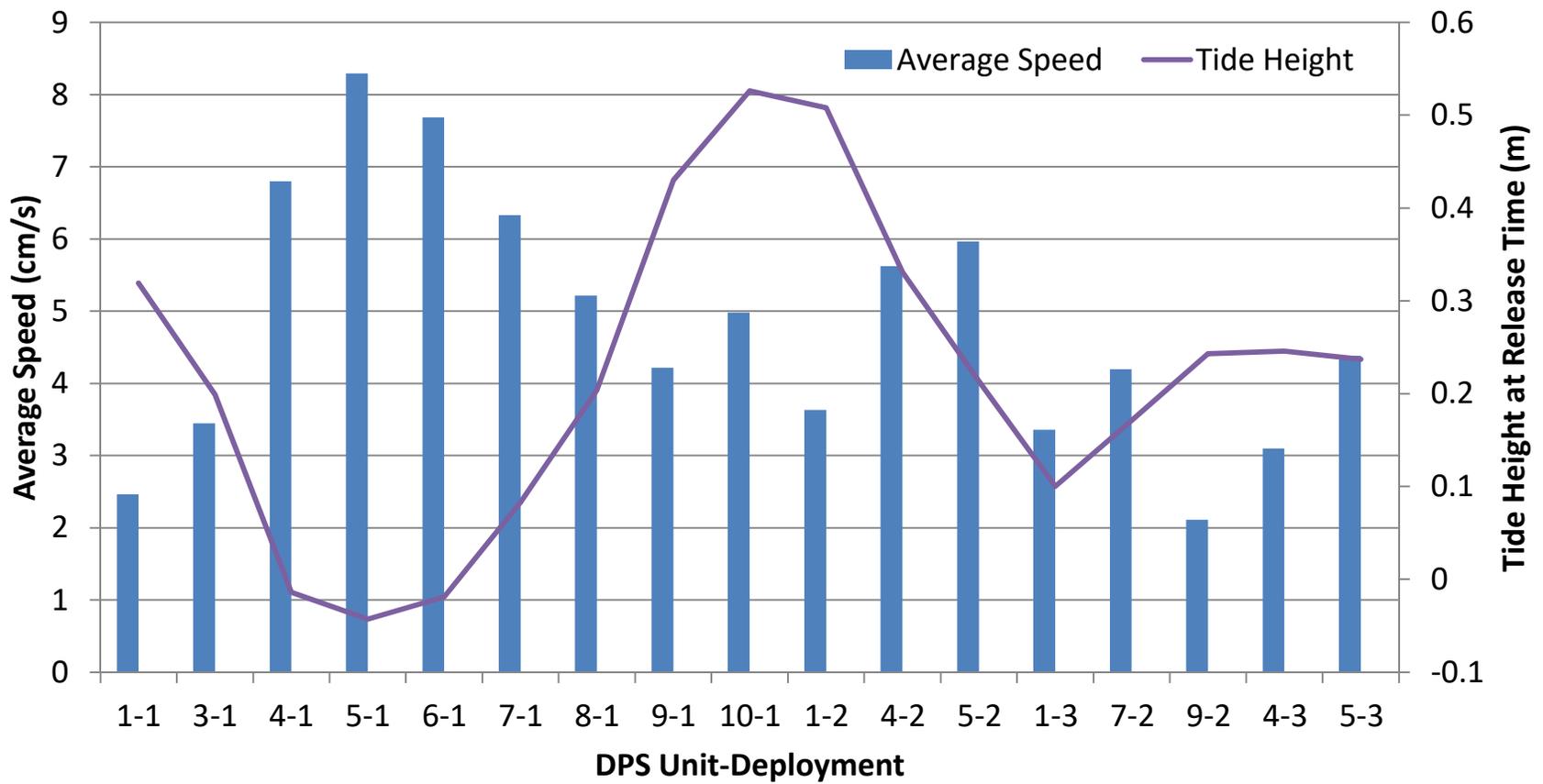
**Figure 97. Average speed and tide condition for each of the DPS units released during the Mar 12-13, 2016 Oscar Pier event. Shown in order of release from left to right.**
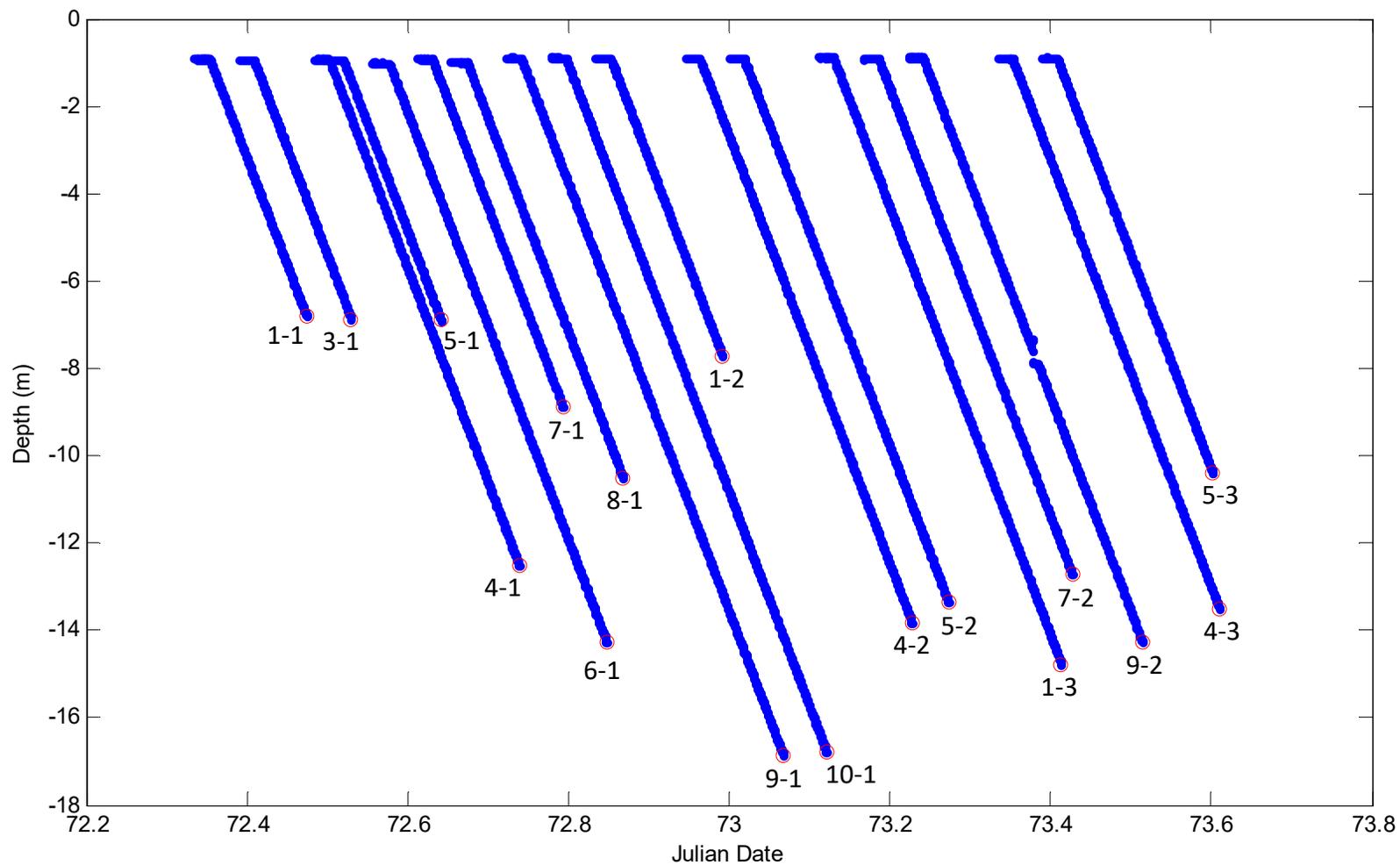
**Figure 98. Vertical profiles of DPS depth as a function of time. Labels are DPS unit and deployment numbers. Red circles indicate bottom contact times and depths.**
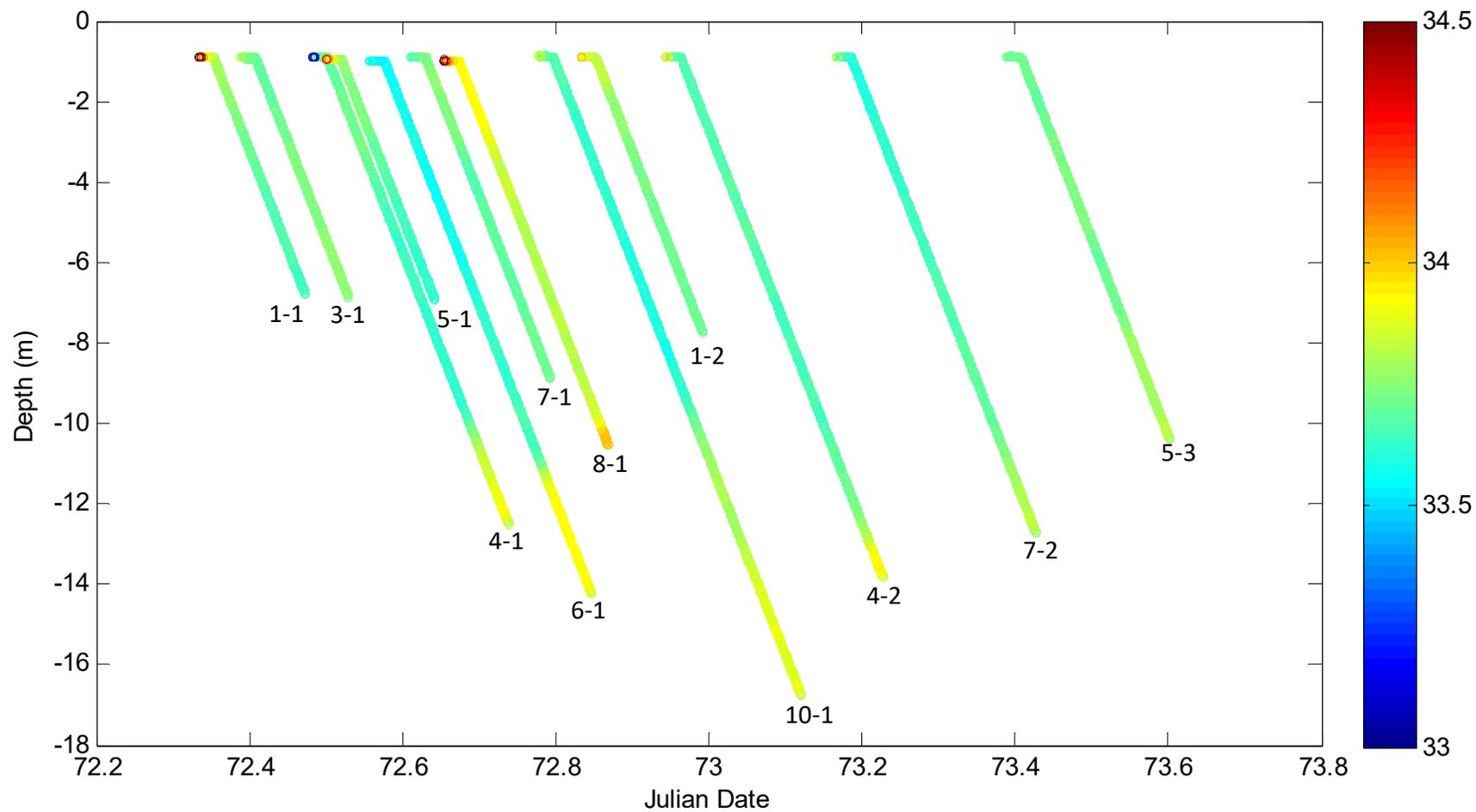
**Figure 99. Salinity data (psu) from the sensors onboard the DPS units during the Mar 12-13, 2016 event.**
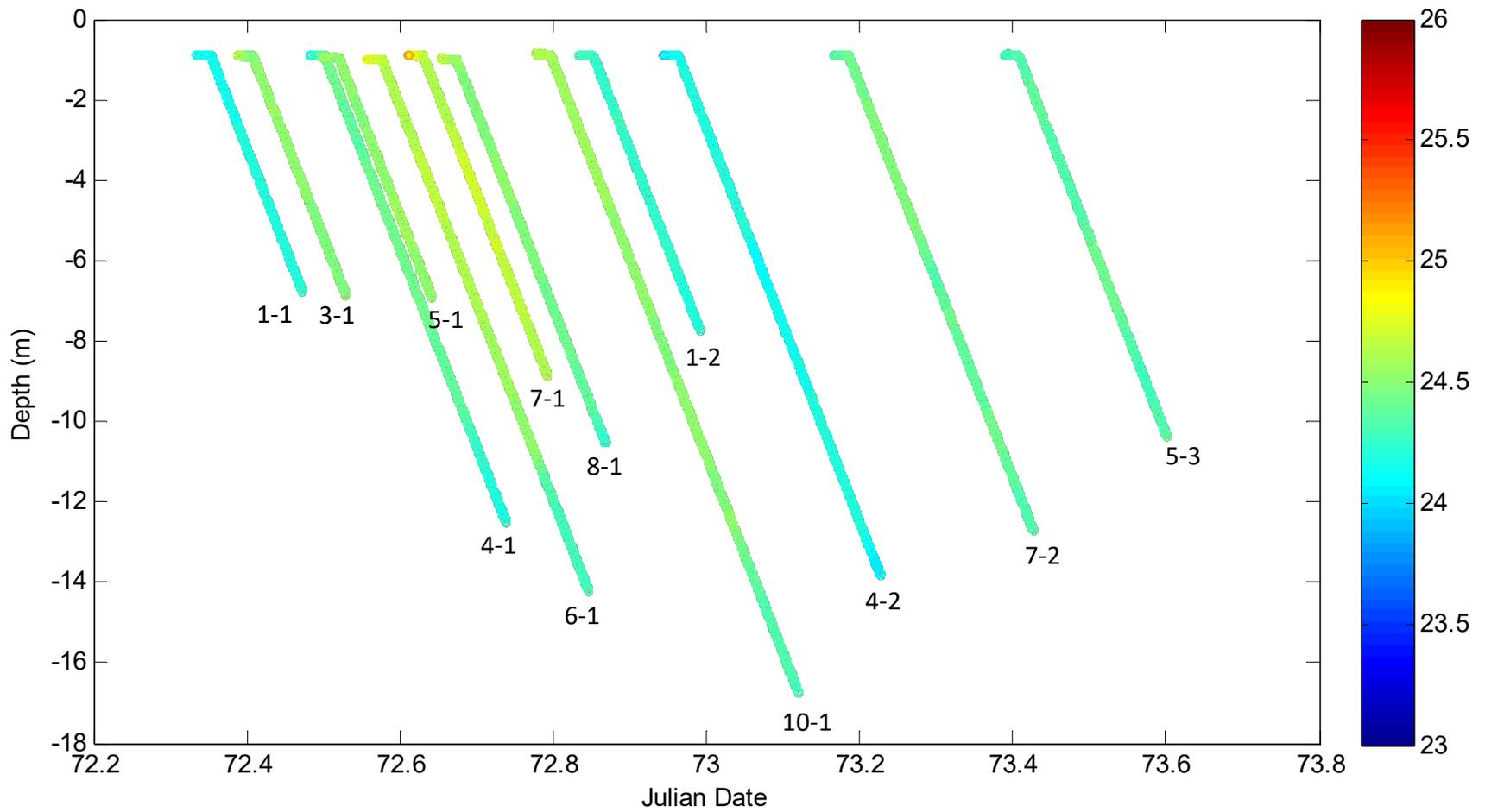
**Figure 100. Temperature data (ºC) from the sensors onboard the DPS units during the Mar 12-13, 2016 event.**

**5.6.2.2   March 15 – April 26, 2016 SeDep Event – Oscar Pier**

Tides, Winds and Precipitation: Environmental conditions including tides, winds and precipitation have the potential to influence the rates and patterns of particle deposition at the Oscar Pier site. Tide and wind conditions during the survey period are shown in Figure 102. Tidal variations followed typical semi-diurnal and spring-neap patterns of variability. Tidal range varied from a low of about 0.4 m during neap tides, to a high of about 0.8 m during spring tides. Winds were generally from the northeast consistent with trade wind patterns for the area, but varied to other directions during some portions of the event. Wind speed varied on a daily basis, with stronger winds during the day and weaker at night. Wind speed was generally in the range of 5-20 mph but sustained periods of lower wind speeds also occurred, and these generally corresponded to periods of inconsistent trade winds or storms.

The goal for the SeDep deployment was to span sufficient time to capture multiple storm events discharging from the outfall near Oscar Pier. The precipitation record shows that two moderate storm events and several smaller events took place during the deployment period, totaling about 13 mm (Figure 103). This was more limited than would have been ideal, but provided some level of discharge to evaluate stormwater related deposition in the area. The primary events occurred on Mar 25, 2016 (Julian day 84; approximately 6.6 mm) and Apr 17, 2016 (Julian day 107; approximately 3.3 mm). The drainage area for the outfall is about 506000 $m^2$ (125 acres) and extends inland about 1500 m. The land cover in the area is primarily impermeable and the land use is primarily industrial. Although the discharge from the outfall is not monitored, assuming an impermeable surface over the entire area, the discharge for the two storm events would have been on the order of 3340 $m^3$ and 1670 $m^3$, respectively. For the entire period, the rainfall total of 12.7 mm would have resulted in a total discharge of about 6430 $m^3$. Given typical stormwater particulate concentrations on the order of about 100 mg/L, this would translate to a total particulate load of about 643 kg discharged from the outfall over the monitoring period.

SeDep Sensor Data: Based on the DPS deposition footprint results from the Mar 12-13, 2016 event, ten SeDep units were deployed in Pearl Harbor for the period March 15 – April 26, 2016. The deployments were focused in the nearfield area of the footprint with an additional unit deployed further into the harbor and further out toward the entrance to characterize the far field areas of the footprint (Figure 101). Deposition data were collected continuously over the 42 day period of the deployment (Table 27). The first hour of data was removed to eliminate any transients associated with the installation, and the data were averaged to hourly readings.

Results for the SeDep deposition sensor data are shown in Figure 103. The SeDep results reflect direct measurements of cumulative deposition for in-water mass of sediment as calibrated against known weights placed on the pressure plates. These direct measurements were converted to dry sediment mass assuming a dry sediment density of 2.65 $g/cm^3$. The results indicated cumulative deposition ranging from a low of about 69 g at SeDep1 to a high of about 323 g at SeDep9. In general, SeDep units placed close to the outfall and to the south of the outfall showed lower deposition, while systems placed to the north of the outfall showed higher deposition. The deposition sensors placed closer to

the outfall showed temporal patterns that appeared to be more closely correlated to stormwater discharge events. While all of the stations showed net deposition over the deployment period, some stations showed periods of erosion as well. This seemed to be more prevalent at the stations to the north of the outfall. Three of the SeDep units (3, 7 and 10) failed to work for the entire duration of the deployment due to an adhesive failure on the pressure plate that caused a loss in the pressure integrity of the system.

Cumulative deposition measurements from the SeDep were also used to calculate deposition rates based on the total deposition, the deployment duration, and the area of the deposition pressure plate. These deposition rates ranged from a low of 0.77 g/cm$^2$/y at SeDep1 to a high of 3.61 g/cm$^2$/y at SeDep9. These rates are generally consistent with rates measured in the harbor during the remedial investigation (US Navy, 2015).

The results seem to indicate that the deposition signals closer and to the south of the outfall are indicative of potential inputs from stormwater, while the deposition signals at stations to the north of the outfall are dominated by processes that are not strongly or directly linked to stormwater. Overall, the SeDep sensor systems provided a unique temporal quantification of cumulative sediment deposition under conditions that are representative of DoD harbors subject to stormwater and other sediment transport processes.

SeDep Sediment Trap Mass: As part of the integrated SeDep system, each station (Figure 101) included a sediment trap for the quantification of total deposited mass, and to determine the chemical characteristics of the depositing particles. Particles collected in the sediment traps over the 42 day deployment were separated from the water phase, weighed to determine wet weight, and sub-sampled for moisture content and chemistry analyses. Based on the wet weights and the moisture content measurements, the total deposited mass and deposition rate at each station were determined (Table 28). The results show that total deposited mass ranged from a low of about 17.2 g at station SeDep1 to a high of 78.2 g at station SeDep9.

Cumulative deposition measurements from the sediment traps were also used to calculate deposition rates based on the total deposition, the deployment duration, and the area of the sediment trap. These deposition rates ranged from a low of 0.82 g/cm$^2$/y at SeDep1 to a high of 3.73 g/cm$^2$/y at SeDep9. These rates are generally consistent with rates measured by the SeDep sensors (Figure 104; R$^2$ = 0.93), as well as previously measured rates in the harbor (US Navy, 2015). The sediment trap rates were biased somewhat higher than the SeDep measurements (Slope = 0.91), potentially reflecting differences associated with the two methods. It was expected that the traps would collect any material depositing at the location with minimal effects of erosion or resuspension, while the SeDep sensors would be subject to both deposition and erosion. Both measurements showed similar overall spatial patterns, with higher deposition rates to the north and offshore of the outfall, and lower deposition rates near the outfall and to the south. Station SeDep3 showed the largest difference between the sediment traps and the deposition sensors.

Overall the sediment traps that were collocated with the SeDep sensors provided an effective means of collecting deposited sediments, and the deposition rates were consistent with expectations regarding the typical rates in Pearl Harbor.
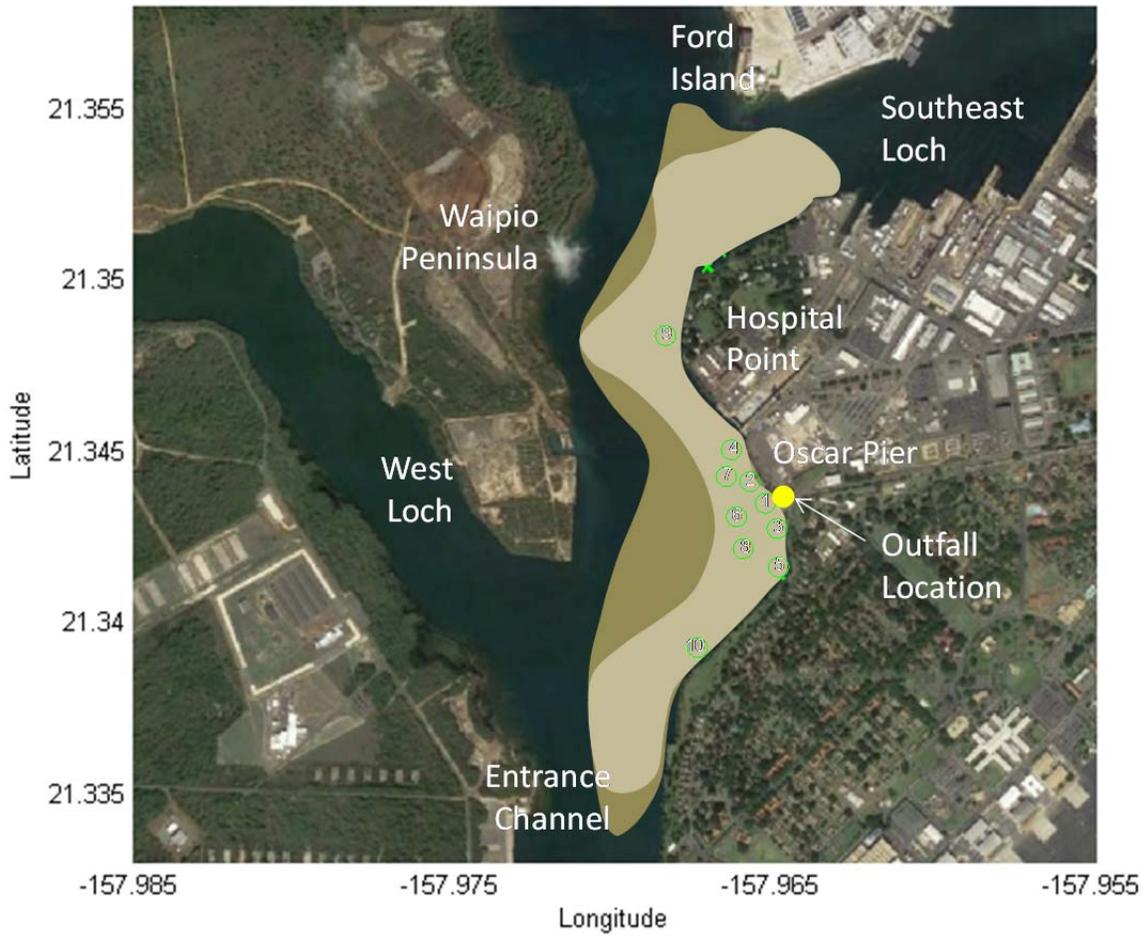
**Figure 101. Location map for the SeDep systems in Pearl Harbor during the March 15 – April 26, 2016 event.**

**Table 27. Deployment locations, times, duration, deposited mass and deposition rates for the SeDep sensors during the Mar 15 – Apr 26, 2016 event.**

| SeDep Station | Longitude (deg W NAD83) | Latitude (deg W NAD83) | Start | End | Deployment Duration (days) | Final In-Water Weight (g) | Final Dry Weight (g) | Deposition Rate (g/cm$^2$/y) |
|---|---|---|---|---|---|---|---|---|
| SeDep1 | 157.9652256 | 21.3433758 | 3/15/2016 11:55 | 4/26/2016 11:23 | 42.0 | 42.7 | 68.6 | 0.77 |
| SeDep2 | 157.9657709 | 21.34406494 | 3/15/2016 12:16 | 4/26/2016 11:13 | 42.0 | 98.1 | 157.5 | 1.76 |
| SeDep3 | 157.9650193 | 21.34265613 | 3/15/2016 12:04 | 4/21/2016 16:05 | 37.2 | 59.9 | 96.1 | 1.22 |
| SeDep4 | 157.9663618 | 21.34494689 | 3/15/2016 12:16 | 4/26/2016 10:57 | 41.9 | 106.6 | 171.2 | 1.91 |
| SeDep5 | 157.9649396 | 21.34147547 | 3/15/2016 11:30 | 4/26/2016 12:13 | 42.0 | 45.4 | 72.9 | 0.77 |
| SeDep6 | 157.9662292 | 21.34300694 | 3/15/2016 11:28 | 4/26/2016 10:20 | 42.0 | 145.0 | 232.9 | 2.62 |
| SeDep7 | 157.9666265 | 21.34415813 | 3/15/2016 10:23 | 4/21/2016 5:23 | 36.8 | 166.8 | 267.9 | 3.42 |
| SeDep8 | 157.9660483 | 21.34218683 | 3/15/2016 11:50 | 4/26/2016 10:36 | 41.9 | 124.2 | 199.4 | 2.24 |
| SeDep9 | 157.9685049 | 21.34826707 | 3/15/2016 10:02 | 4/26/2016 9:12 | 42.0 | 201.0 | 322.8 | 3.61 |
| SeDep10 | 157.9674905 | 21.3391576 | 3/15/2016 11:38 | 4/23/2016 10:39 | 39.0 | 111.8 | 179.6 | 2.17 |
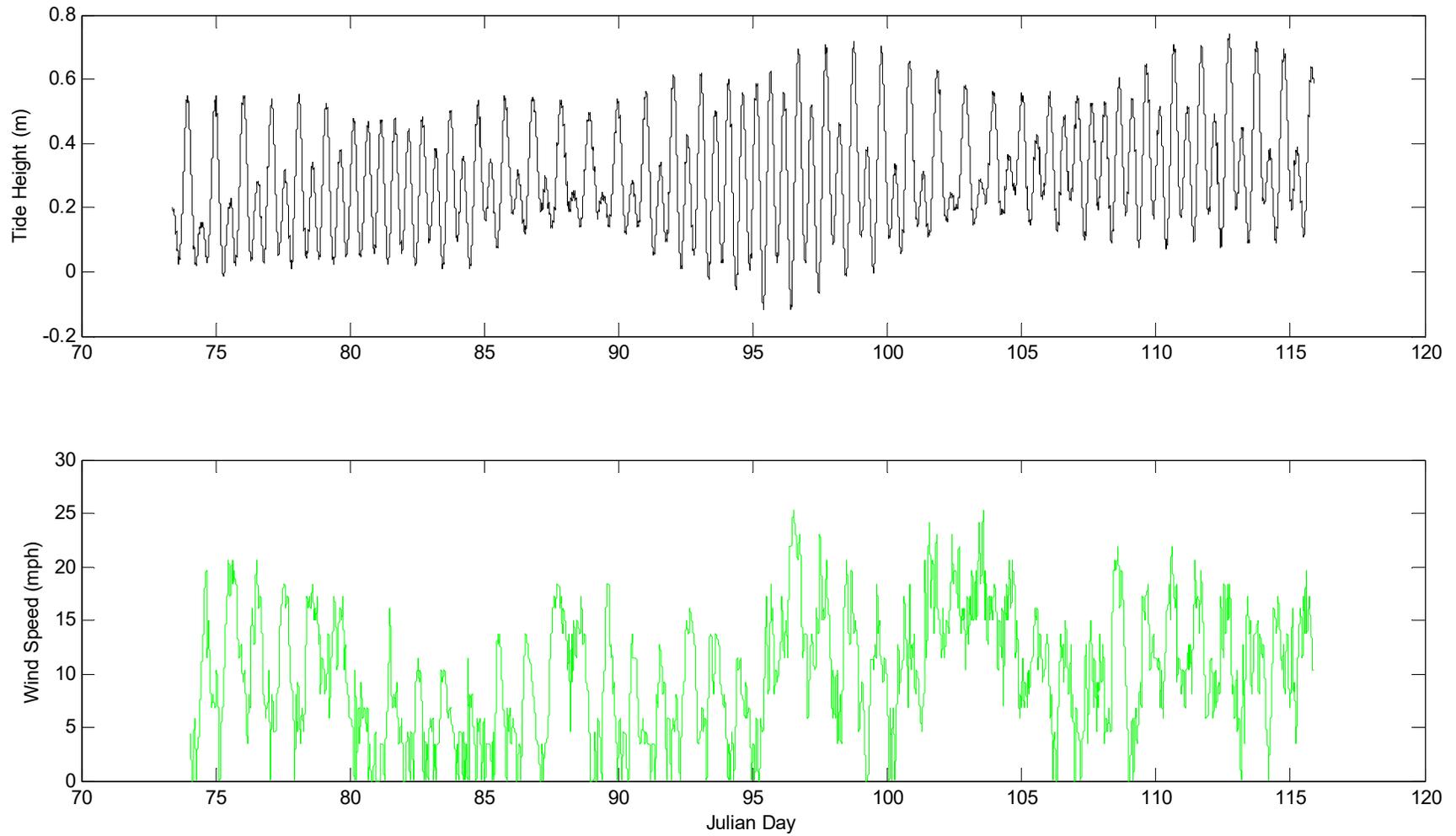
**Figure 102. Tide and wind speed conditions during the SeDep deployment event in Pearl Harbor from March 15 – April 26, 2016 (Julian Day 74-116).**
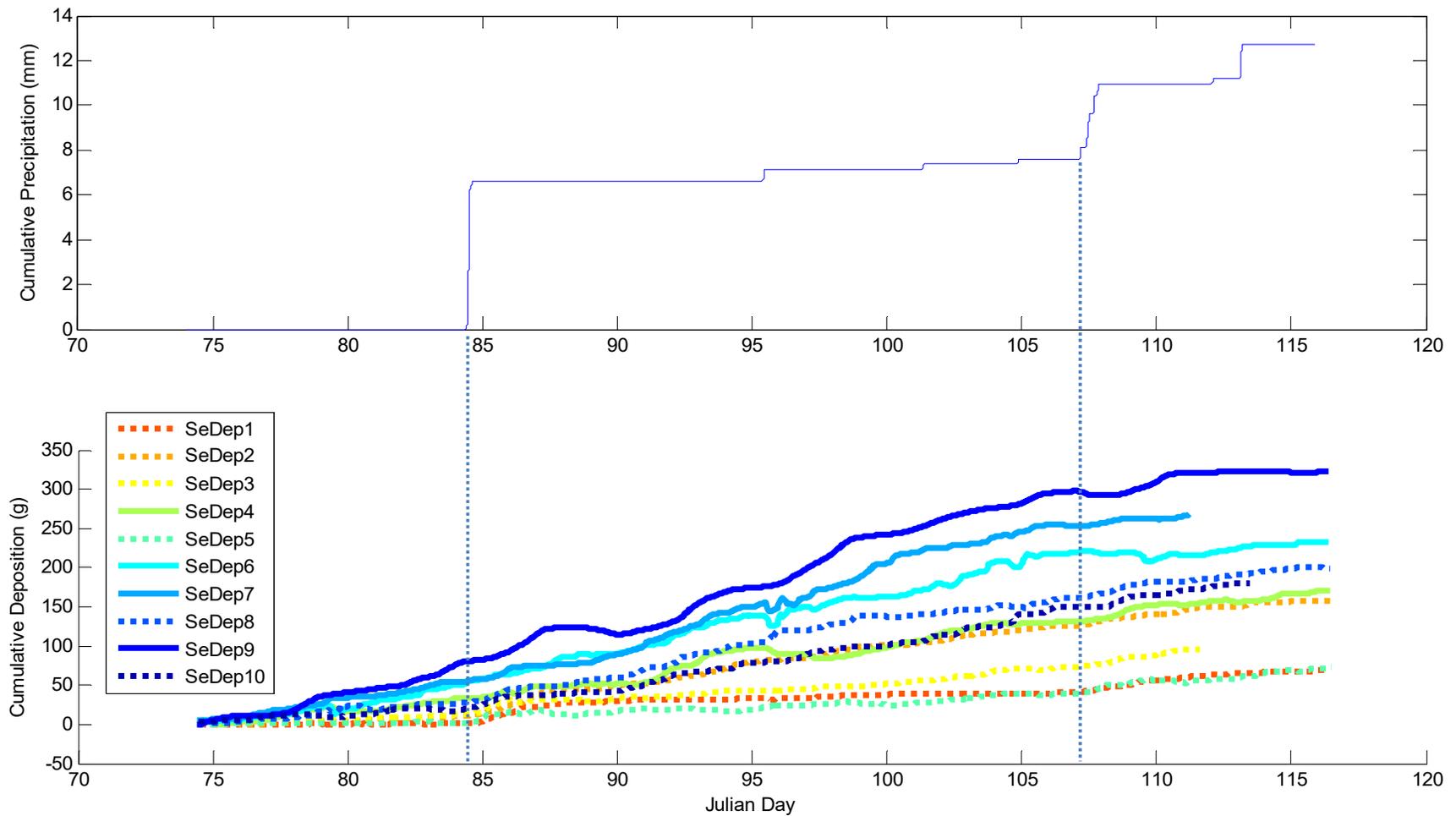
**Figure 103. Cumulative precipitation and sediment deposition for the SeDep deployment event in Pearl Harbor from March 15 – April 26, 2016 (Julian Day 74-116). Vertical dotted lines indicate the two significant precipitation events during the deployment. Solid SeDep lines are for sensors that were placed to the north (further into the harbor) and dashed lines are for sensors that were near the outfall or to the south (further toward the harbor entrance).**

**Table 28. Deployment times, duration, deposited mass and deposition rates for the sediment traps co-located with the SeDep sensors during the Mar 15 – Apr 26, 2016 event.**

| SeDep Station | Start | End | Deployment Duration (days) | Wet Weight (g) | Moisture Content (%) | Dry Weight (g) | Deposition Rate (g/cm2/y) |
|---|---|---|---|---|---|---|---|
| SeDep1 | 3/15/2016 10:45 | 4/26/2016 11:23 | 42.0 | 56.6 | 70% | 17.2 | 0.82 |
| SeDep2 | 3/15/2016 10:58 | 4/26/2016 11:13 | 42.0 | 86.2 | 52% | 41.2 | 1.96 |
| SeDep3 | 3/15/2016 10:32 | 4/26/2016 12:42 | 42.1 | 79.7 | 55% | 35.9 | 1.71 |
| SeDep4 | 3/15/2016 11:09 | 4/26/2016 10:57 | 42.0 | 82.9 | 53% | 38.7 | 1.84 |
| SeDep5 | 3/15/2016 10:20 | 4/26/2016 12:13 | 42.1 | 48.4 | 57% | 20.8 | 0.99 |
| SeDep6 | 3/15/2016 9:38 | 4/26/2016 10:20 | 42.0 | 105.1 | 48% | 54.1 | 2.58 |
| SeDep7 | 3/15/2016 9:26 | 4/26/2016 9:32 | 42.0 | 131.9 | 48% | 68.0 | 3.24 |
| SeDep8 | 3/15/2016 9:53 | 4/26/2016 10:36 | 42.0 | 101.3 | 50% | 51.2 | 2.44 |
| SeDep9 | 3/15/2016 9:03 | 4/26/2016 9:12 | 42.0 | 154.7 | 49% | 78.2 | 3.73 |
| SeDep10 | 3/15/2016 10:07 | 4/26/2016 12:26 | 42.1 | 110.2 | 51% | 54.2 | 2.57 |
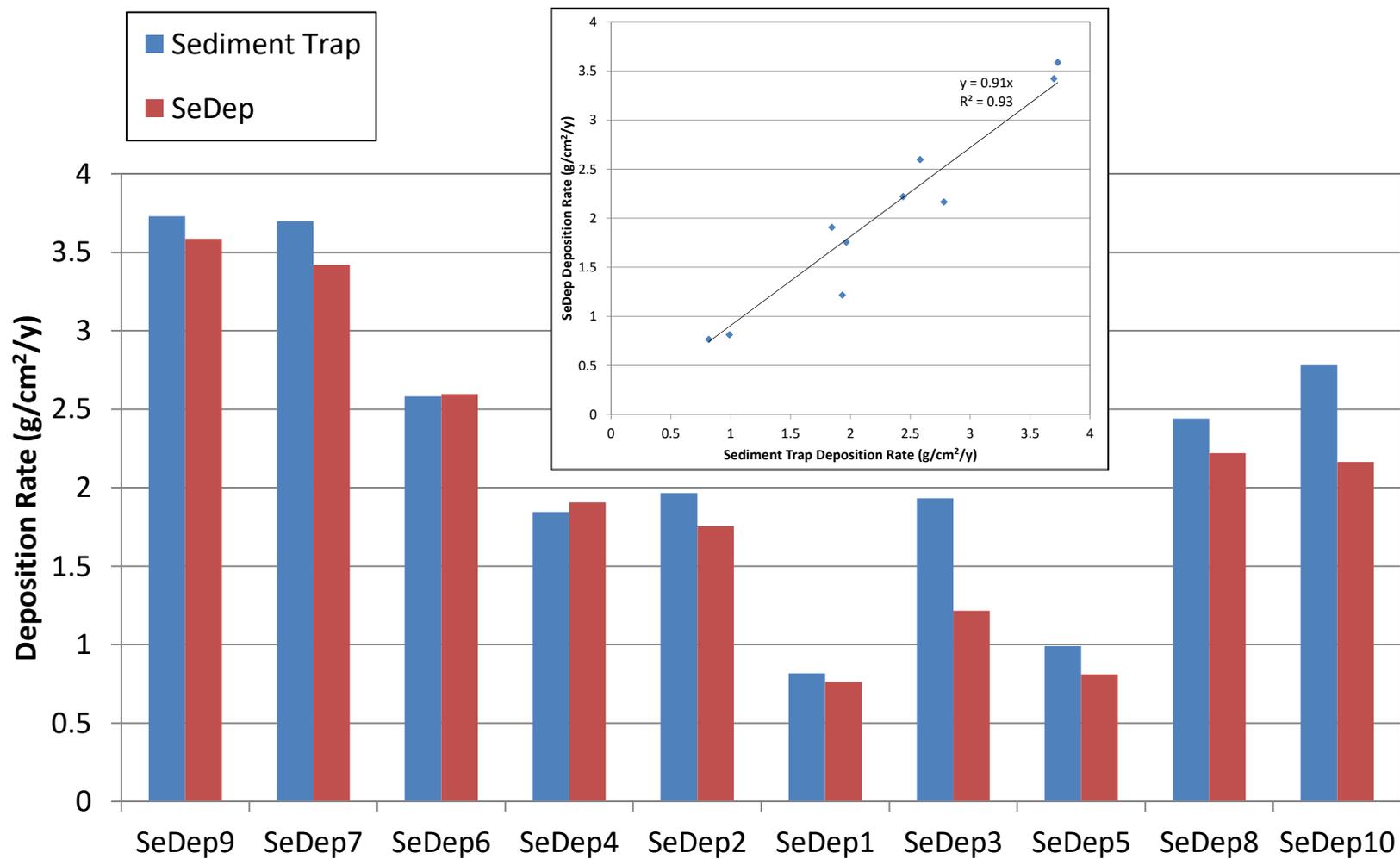
**Figure 104. Comparison of overall deposition rates measured by the sediment traps and the SeDep sensors. The inset plot shows a regression of the deposition rates measured by the two methods ($R^2 = 0.93$; Slope = 0.91).**

**Table 29. Chemistry results for the samples collected from the SeDep sediment traps.**

| Station | TOC (%) | Hg (mg/kg) | Cu (mg/kg) | Pb (mg/kg) | PCB (ug/kg) |
|---------|---------|------------|------------|------------|-------------|
| SeDep1 | NA[1] | 0.63 | 117 | 76.4 | 203.4 |
| SeDep2 | 40% | 0.46 | 86 | 55.3 | 24.8 |
| SeDep3 | 37% | 0.82 | 88.9 | 68 | 43.8 |
| SeDep4 | 34% | 0.36 | 80 | 48.1 | 22.4 |
| SeDep5 | NA[1] | 1.53 | 119 | 73.2 | 74.7 |
| SeDep6 | 35% | 0.29 | 50.7 | 31.4 | 10.4 |
| SeDep7 | 32% | 0.29 | 49.1 | 38.5 | 12.7 |
| SeDep8 | 36% | 0.36 | 50.5 | 30.8 | 18.9 |
| SeDep9 | 34% | 0.27 | 56 | 34 | 24.6 |
| SeDep10 | 33% | 0.72 | 68.8 | 49.6 | 35.6 |

1. Insufficient volume in the sediment trap to allow for TOC analysis.
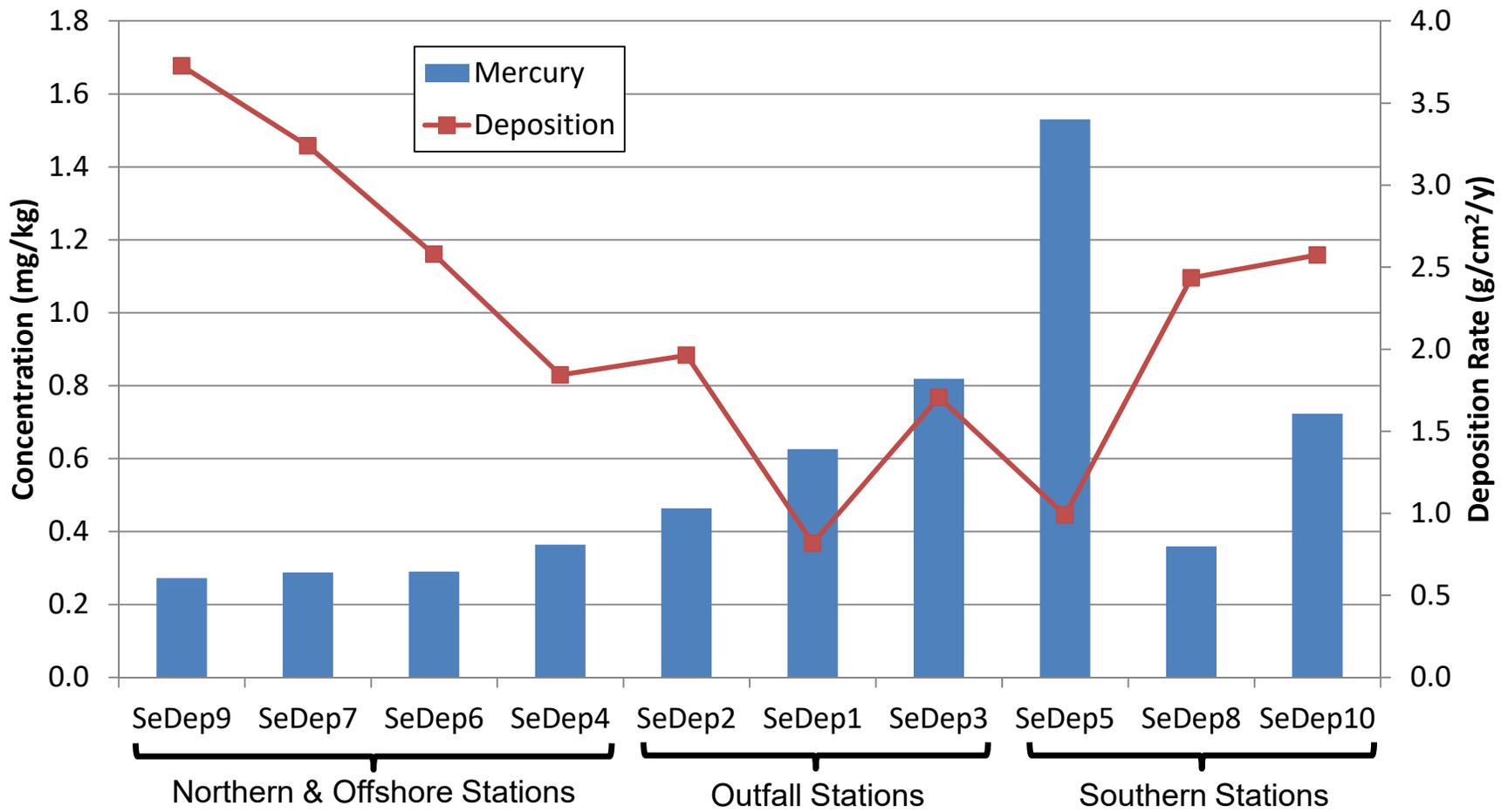
**Figure 105. Mercury concentrations in deposited sediments and deposition rates based on the SeDep sediment traps.**
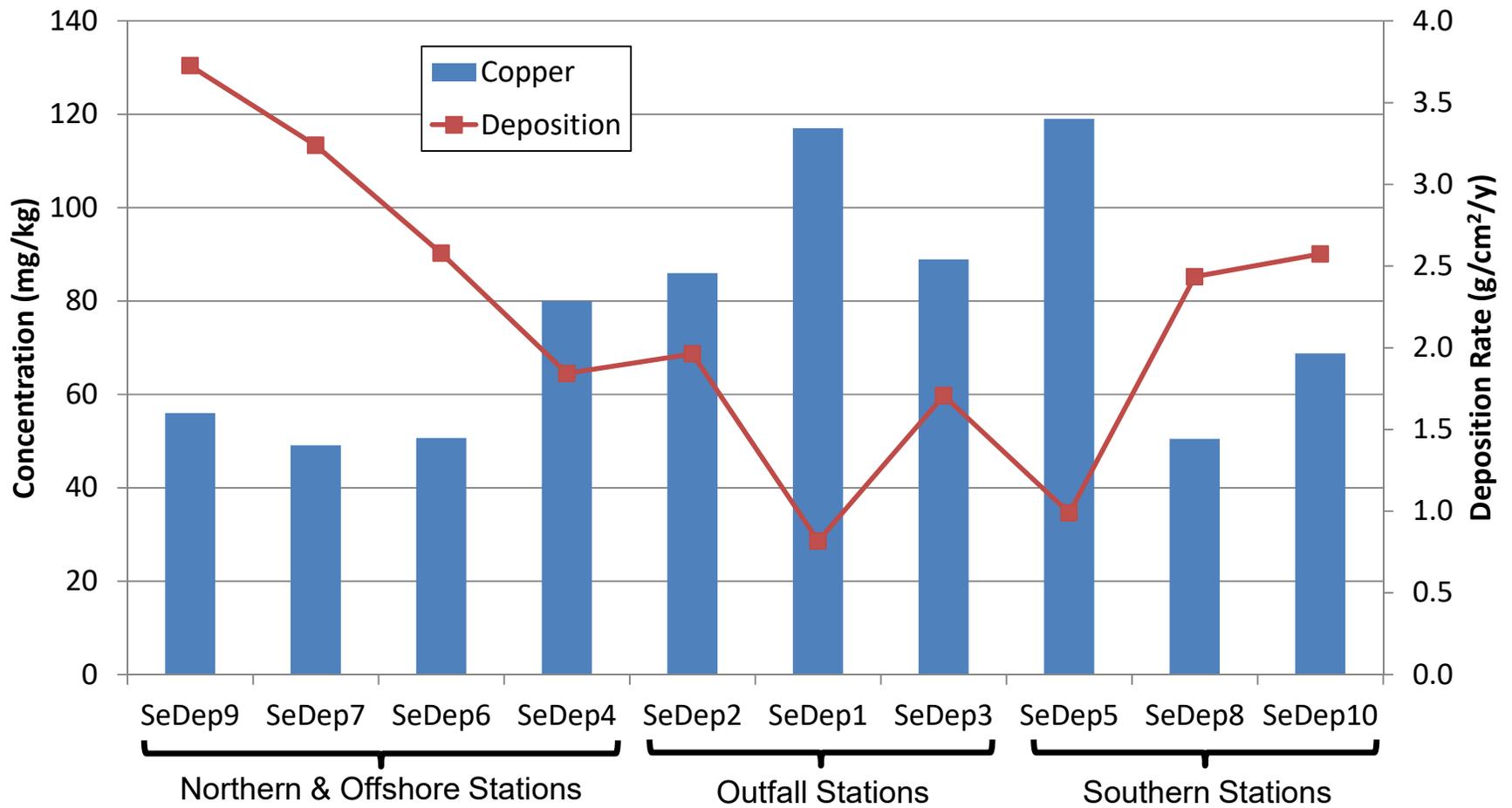
**Figure 106. Copper concentrations in deposited sediments and deposition rates based on the SeDep sediment traps.**
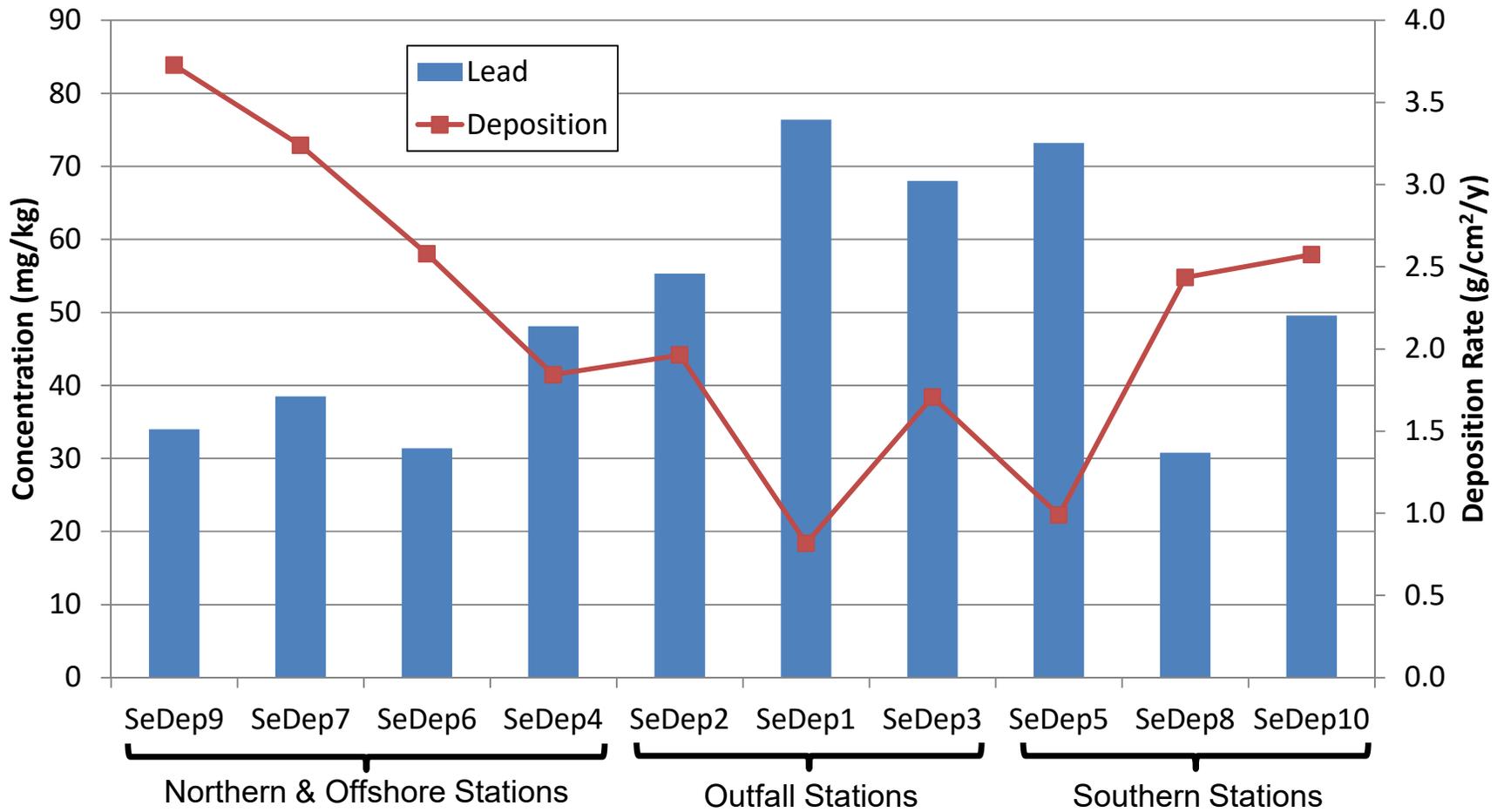
**Figure 107. Lead concentrations in deposited sediments and deposition rates based on the SeDep sediment traps.**
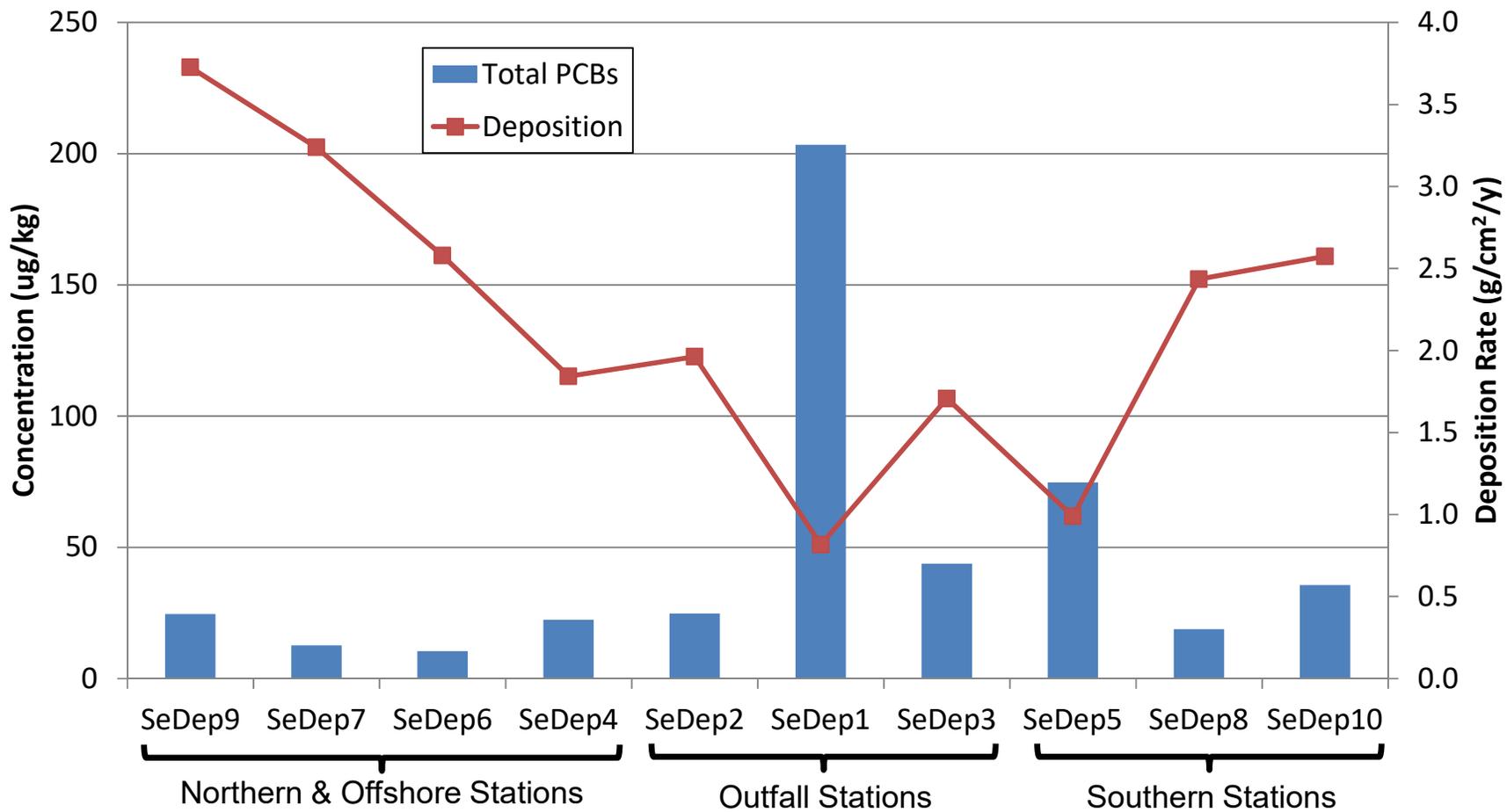
**Figure 108. Total PCB concentrations in deposited sediments and deposition rates based on the SeDep sediment traps.**

SeDep Sediment Trap and Surface Sediment Chemistry: Samples collected in the sediment traps were analyzed for a subset of chemicals that were determined based on the known risk drivers for the sediments in the vicinity of Oscar Pier. In addition, surface sediment samples from the top 2 cm of the sediment column were collected by diver directly adjacent to the sediment traps and SeDep sensors at the stations shown in Figure 101. For both sets of samples, analytes included TOC, mercury, copper, lead and PCBs (full congener analysis). Stations SeDep1 and SeDep5 had insufficient sample volume in the sediment traps to allow for TOC analysis.

Results for the sediment trap samples are shown in Table 29 and Figure 105 – Figure 108. TOC levels were relatively low and uniform across all samples, ranging from a low of 0.32% to a high of 0.40%. Mercury in the sediment traps ranged from a low of 0.27 mg/kg at station SeDep9, to a high of 1.53 mg/kg at station SeDep5. Depositing particles at three of the stations (SeDep3, SeDep5 and SeDep10) exceeded the site Preliminary Remediation Goal (PRG) for mercury (0.71 mg/kg), suggesting that there is still potential for recontamination of mercury in the area. The pattern of mercury concentrations in the sediment traps was inversely correlated with the deposition rate, with highest mercury concentrations generally occurring at stations with lowest deposition rates. Spatially, northern and offshore stations generally had lower concentrations while outfall and southern stations general had higher concentrations.

Copper concentrations in trap samples ranged from a low of 49.1 mg/kg at station SeDep7 to a high of 119 mg/kg at SeDep5. Concentrations were generally below the PRG for copper (214 mg/kg) at all stations, indicating that copper input levels in the area are not likely to be driving recontamination. As with mercury, the pattern of copper concentrations in the sediment traps was inversely correlated with the deposition rate, with highest levels generally occurring at stations with lowest deposition rates. The spatial distribution of copper inputs into the sediment traps showed highest concentrations in the vicinity of the outfall and to the south, with lower concentrations offshore and to the north. Lead concentrations ranged from 30.8 mg/kg (SeDep8) to 76.4 mg/kg (SeDep1) and followed similar patterns as copper and mercury. Concentrations were generally below the PRG for lead (119 mg/kg) at all stations, indicating that lead input levels in the area are not likely to be driving recontamination.

Concentrations of total PCBs in the sediment traps ranged from 10.4 μg/kg at SeDep6 to 203.4 μg/kg at SeDep1. PCB levels in the traps were also highest at the stations with lowest deposition rates, and particularly high at SeDep1 directly off the outfall. This was the only station with PCB trap concentrations that exceed the PRG (170 μg/kg), suggesting that recontamination was only likely in close proximity to the outfall for PCBs.

Results for the surface sediment samples are shown in Table 30 and Figure 109 – Figure 113 in relation to the trap sediment samples. TOC levels in surface sediments ranged from 0.13% (SeDep1) to 0.36% (SeDep5) with an average concentration of 0.26%. Compared to the sediment trap levels, surface sediment levels were consistently lower at all stations. This is consistent with expectations that the fresher incoming particles would have higher TOC levels than the bed sediments. Mercury levels in surface sediments ranged from a low of 0.29 mg/kg at SeDep1 to a high of 7.55 mg/kg at SeDep10. Surface

sediment concentrations were generally similar to or higher than sediment trap levels, suggesting that even though incoming particulate levels exceed the PRGs in some areas, they are still exerting downward pressure on the surface sediment concentrations. Highest mercury levels were generally found off and to the south of the outfall, and the increasing gradient to the south suggests that sediments to the south of the Oscar Pier area may be a more influential source of mercury than the stormwater outfall. Four stations had surface sediment concentrations exceeding the PRG and three of these corresponded with stations where the sediment trap levels exceeded the PRG (SeDep3, SeDep5 and SeDep10).

Copper concentrations in surface sediments ranged from 41.9 mg/kg (SeDep7) to 426 mg/kg (SeDep4) with an average of about 140 mg/kg. As with mercury, surface sediment concentrations were generally similar to or higher than sediment trap levels, suggesting that incoming particulate levels are still exerting downward pressure on the surface sediment concentrations. In contrast to mercury, highest copper levels were generally found off and to the north of the outfall, and the increasing gradient to the north suggests that sediments to the north of the Oscar Pier area may be a more influential source of mercury than the stormwater outfall. Two stations had surface sediment concentrations exceeding the PRG (SeDep2 and SeDep4).

Lead concentrations in surface sediments ranged from 54.5 mg/kg (SeDep7) to 328 mg/kg (SeDep3) with an average of about 154 mg/kg. As with copper and mercury, surface sediment concentrations were generally similar to or higher than sediment trap levels, suggesting that incoming particulate levels are still exerting downward pressure on the surface sediment concentrations. The spatial distribution of lead in surface sediments showed high concentrations throughout the vicinity of the outfall, falling off to the north and south. Five stations had surface sediment concentrations exceeding the PRG (SeDep1, SeDep2, SeDep3, SeDep4 and SeDep5).

Total PCB levels in surface sediments ranged from a low of 11.4 μg/kg at SeDep6 to a high of 573 μg/kg at SeDep10 with an average of 99.6 μg/kg. As with metals, surface sediment concentrations of total PCBs were generally similar to or higher than sediment trap levels, suggesting that incoming particulate levels are still exerting downward pressure on the surface sediment concentrations. A clear exception to this was at the outfall station SeDep1 where the sediment trap concentration significantly exceeded the surface sediment concentration. Spatially, highest concentrations in surface sediments were generally found in the vicinity of the outfall and to the south of the outfall, particularly at the furthest southern station SeDep10.

Overall, the sediment trap and surface sediment chemistry indicated that incoming sediment particles generally had lower contaminant concentrations than surface sediments, indicating that they should tend to improve conditions over time. However some chemicals including mercury and PCBs had particle input concentrations that still exceed their respective PRGs. Spatial distributions of trap and surface sediments suggest that the chemicals of concern may have different sources that are driving conditions at the site, with some chemicals showing gradients to the south (mercury and PCBs), some showing gradients to the north (copper), and some being fairly evenly distributed off the outfall (lead).

**Table 30. Chemistry results for the surface sediment samples collected at the SeDep stations.**

| Station | TOC (%) | Hg (mg/kg) | Cu (mg/kg) | Pb (mg/kg) | PCB (ug/kg) |
|---------|---------|------------|------------|------------|-------------|
| SeDep1 | 0.13% | 0.29 | 180 | 136 | 40.6 |
| SeDep2 | 0.35% | 0.44 | 262 | 235 | 61.3 |
| SeDep3 | 0.24% | 1.71 | 139 | 328 | 64.1 |
| SeDep4 | 0.24% | 0.70 | 426 | 288 | 58.3 |
| SeDep5 | 0.36% | 4.53 | 138 | 237 | 127.6 |
| SeDep6 | 0.25% | 0.69 | 42.6 | 57.1 | 11.4 |
| SeDep7 | 0.27% | 0.54 | 41.9 | 54.5 | 12.0 |
| SeDep8 | 0.27% | 0.72 | 45.4 | 64.5 | 32.7 |
| SeDep9 | 0.25% | 0.63 | 44.2 | 55.2 | 15.7 |
| SeDep10 | 0.23% | 7.55 | 78.1 | 87.9 | 572.9 |
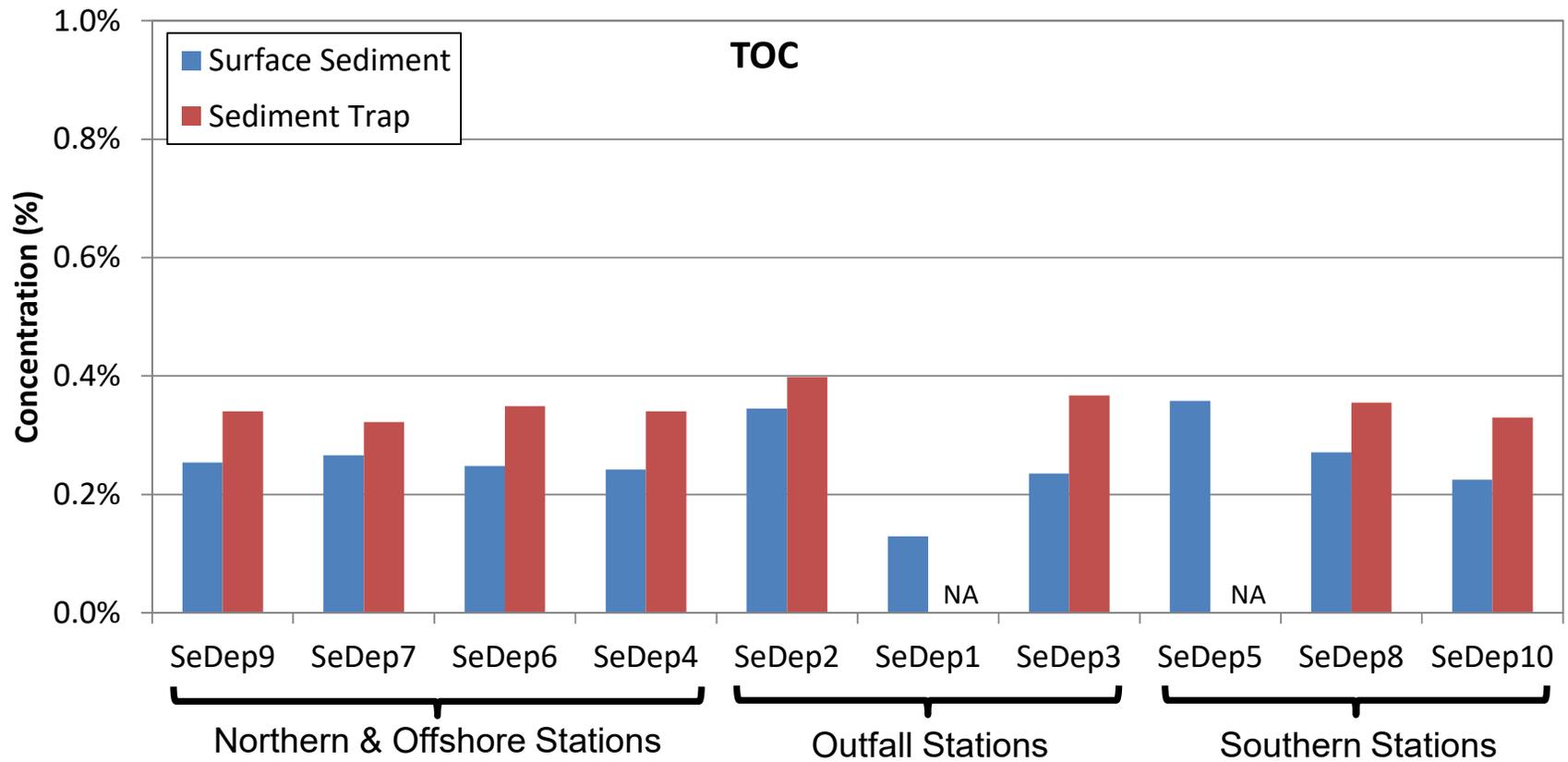
**Figure 109. TOC concentrations in surface sediments and sediment traps at the SeDep stations.**
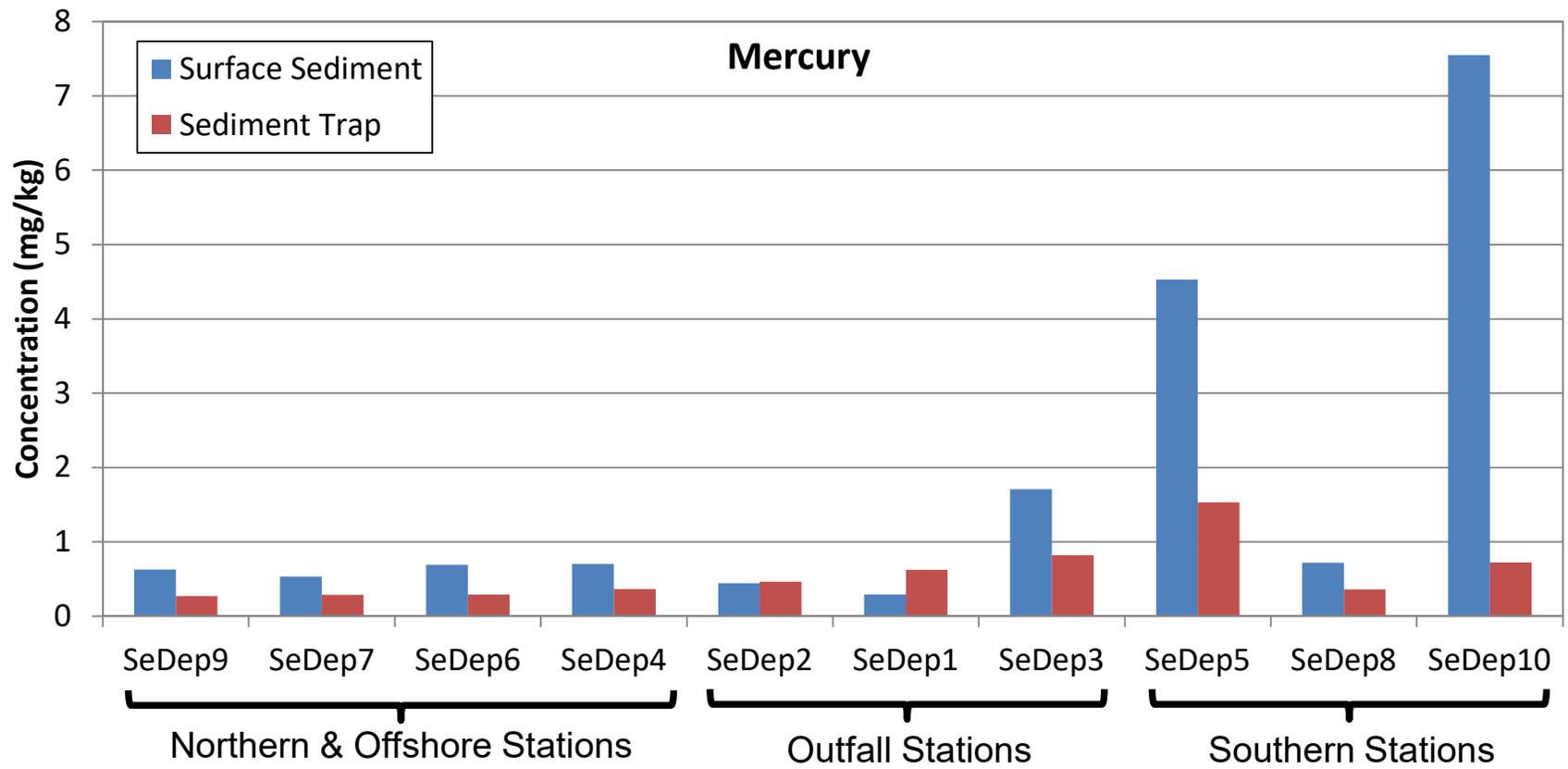
**Figure 110. Mercury concentrations in surface sediments and sediment traps at the SeDep stations.**
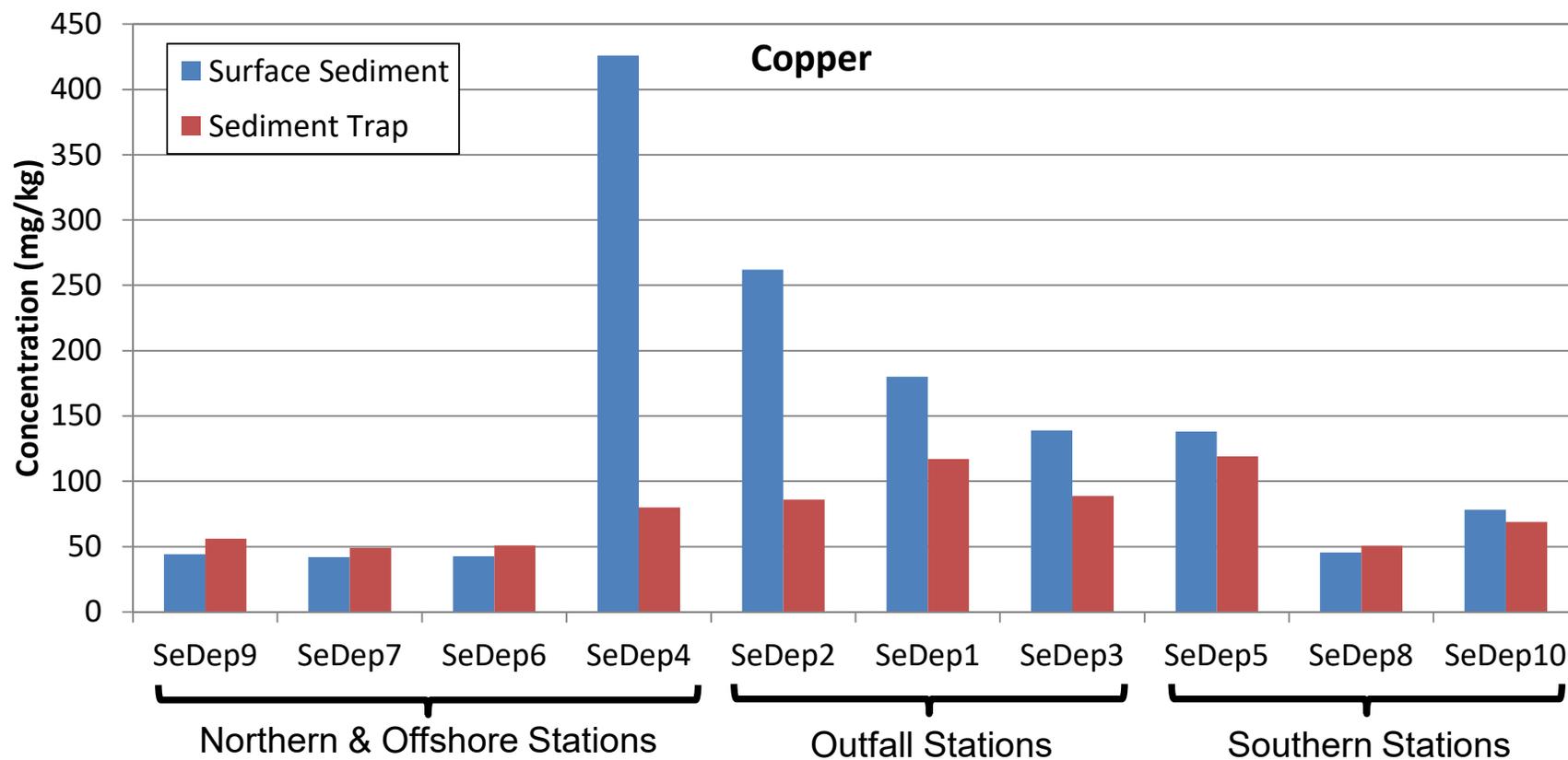
**Figure 111. Copper concentrations in surface sediments and sediment traps at the SeDep stations.**
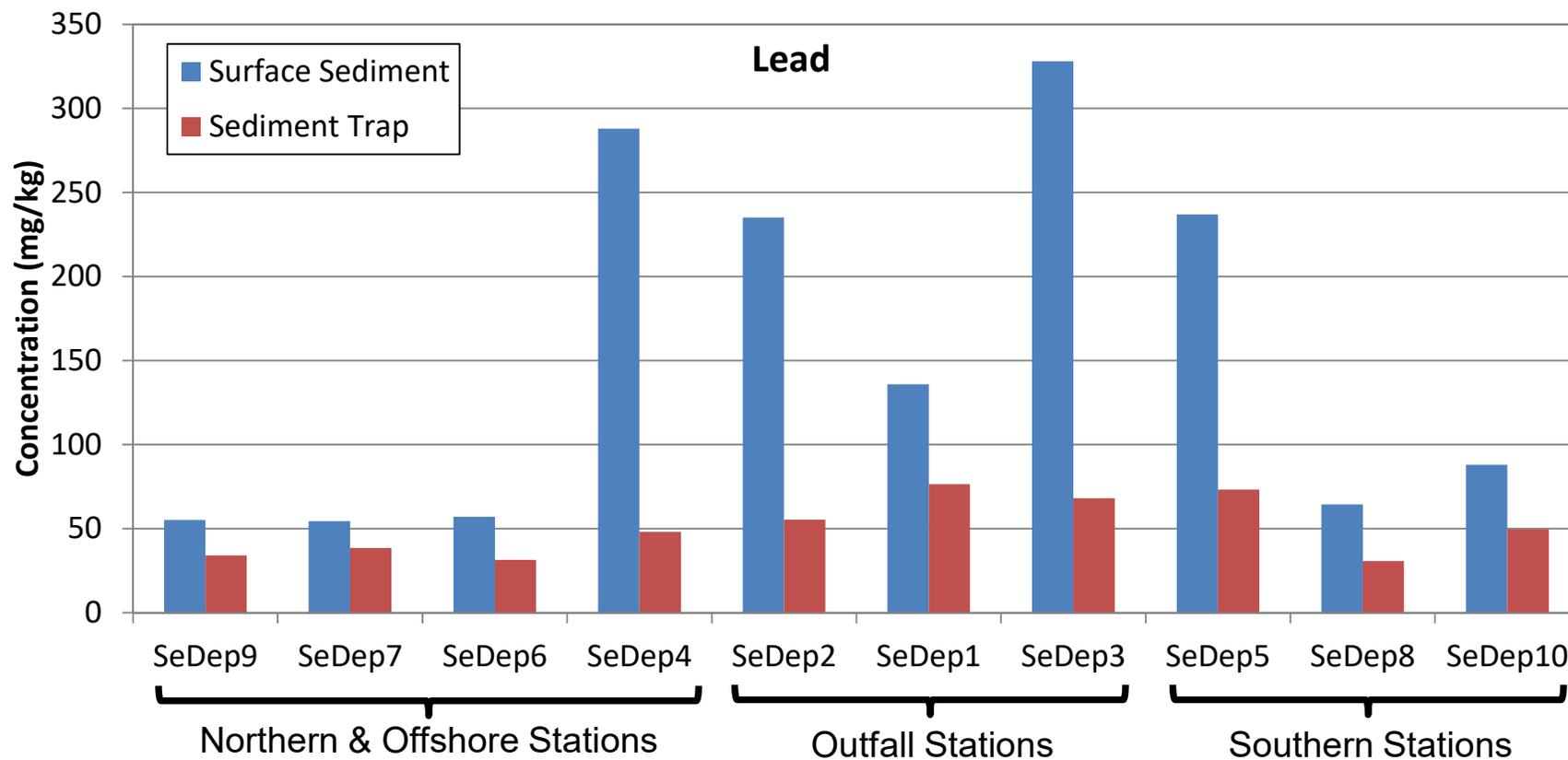
**Figure 112. Lead concentrations in surface sediments and sediment traps at the SeDep stations.**
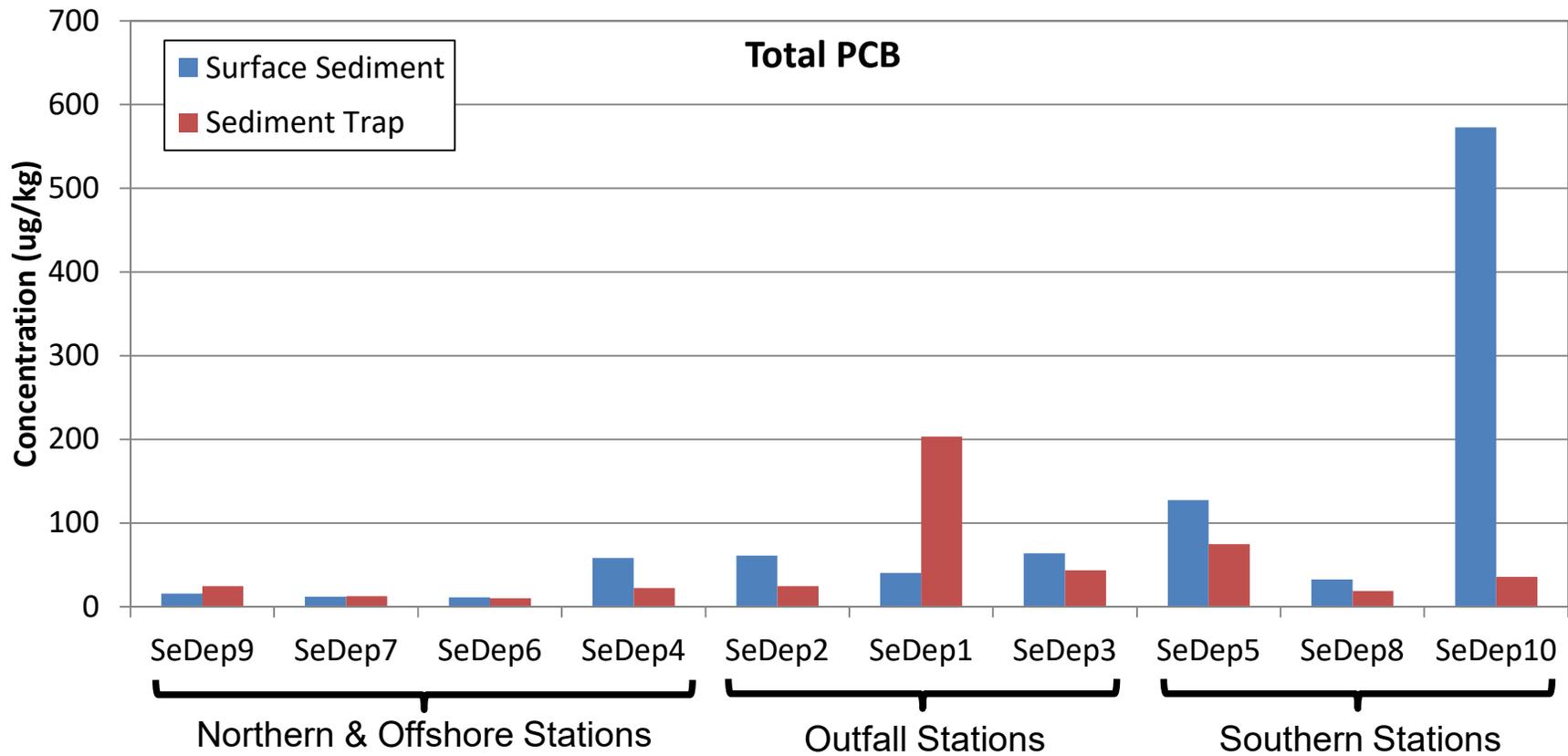
**Figure 113. Total PCB concentrations in surface sediments and sediment traps at the SeDep stations.**

**5.6.2.3  October 28-29, 2016 DPS Event - Waiau**

Tides and Winds: In the absence of strong freshwater discharges, the primary influences on the circulation in Pearl Harbor are tides and winds. The DPS survey at Waiau was conducted during the period from October 28-29, 2016. Tide and wind conditions for the deployment period are shown in Figure 114 relative to the DPS release and tracking period. The tracking took place over a complete diurnal tide cycle with a tidal range of about 0.7 m which is typical for Pearl Harbor. Wind conditions were characterized by relatively weak trade winds with wind speeds ranging from about 5 mph during the night to about 10-15 mph during the day and generally blowing from the ENE direction. Release times for the DPS units started during a period of flood flow, and continued through successive ebb and flood periods. There was no measurable precipitation at the Honolulu gage during the event, however there was precipitation observed at the site during the night of October 28, and likely precipitation in the watershed that fed some flow to the local streams in the area.

DPS Tracking: A total of 20 DPS units were released during the tidal period extending from 10/28/2016 09:00 – 10/29/2016 08:45. Two of the units malfunctioned and did not provide useful data. A total of 18 units successfully completed the full trajectory and bottom contact cycle. The DPS units were all released from approximately the same location off the suspected OWS discharge pipe location in at a water depth of about 1.5 meters. Table 31 summarizes the information on the release positions, times along with the bottom contact times and positions. The releases all occurred at approximately the same location and occurred at about 75 minute intervals with the exception of the two units that malfunctioned resulting in intervals of 150 minutes.

Three-dimensional trajectories for the DPS systems are shown in Figure 115 – Figure 120. The first four DPS units (DPS1-1, DPS2-1, DPS3-1 and DPS4-1) followed a relatively similar trajectory, traveling S or SSW toward the deeper water channel area, and then turning W or WNW in the deeper water where they made bottom contact. These first four units were had release times during the first flood tide condition. The next six units (DPS5-1, DPS6-1, DPS7-1, DPS8-1, DPS1-2 and DPS3-2) also followed a relatively similar trajectory with the exception of DPS8-1. These units all generally traveled S for a short distance before making bottom contact in the shallow water prior to reaching the channel. DPS8-1 followed a similar trajectory but continued S to the channel, and then turned WNS before making bottom contact. These DPS units were released during the time frame spanning the first slack high water, the first ebb tide, and the first slack low water.

The next three DPS units (DPS2-3, DPS4-2 and DPS5-2) followed similar trajectories, traveling initially to the S or SSE to the deeper water, and then turning W or WNW before making bottom contact. These units were release during the second flood tide condition. The subsequent four units (DPS7-2, DPS8-2, DPS6-3, and DPS3-3) had similar trajectories, first traveling SSE, and then turning SW before making bottom contact near the edge of the channel. These units were released during the second ebb tide condition. The final DPS unit (DPS1-3) followed a similar pattern to DPS3-2, traveling S for a short distance before making bottom contact in the shallow water prior to reaching the channel.

A number of useful characteristics can be extracted from the DPS trajectory data including travel distance and speed. These metrics provide insight into the scale and movement associated with the DPS trajectories. Table 32 shows the average speed, total distance traveled, and bottom contact depth for the DPS units in relation to the tide condition at the time of release. Results for travel distance and average speed are also shown in Figure 121 and Figure 122, respectively.

The travel distance results show that particles released from the Waiau release point traveled distances ranging from about 0.25 – 1.1 km with an average distance of about 0.67 km. The average transit speed during the deployment ranged from 2.9 – 5.3 cm/s with an overall average of 3.9 cm/s. Consistent with the observational descriptions of the trajectories above, the DPS units released during the flood tide tended to travel further, faster and make contact in deeper water than those released during slack water or during ebb tide. Table 33 shows the average speed, total distance traveled, and bottom contact depth for the DPS units in relation to the wind condition at the time of release. Values were binned and averaged for conditions less than or greater than the average wind speed for the period of 8.4 mph. Some increase was observed in average speed and total distance traveled during higher wind conditions, while the bottom contact depth was essentially unchanged.

The complete map of trajectories and bottom contact locations is shown in Figure 124. Overall, the trajectories show a consistent pattern of southward travel toward the deeper water in the channel. For the DPS units that reached the channel, the trajectories generally turned toward the west. The overall average speed was 3.9 cm/s, the overall average distance traveled was about 672 m, and the overall average bottom contact depth was about 9.2 m.

Settling Rate and Bottom Contact: The DPS units were programmed to simulate silt sized particle transport with an effective settling rate of 34 mm/min. Results showed that all of the DPS units followed this rate closely. Vertical profiles of the DPS depth versus time and the bottom contact depth are shown in Figure 86. The profiles show the uniform settling rate for all DPS units. Bottom contact depths ranged from about 4.5 m for DPS 3-2, to a high of 11.6 m for DPS 2-1, with an average of 9.2 m. These results suggest that the DPS units can function effectively over the expected range of depths for harbor environments. Because the settling rates were uniform, bottom contact times varied as a function of the contact depth. Settling times varied from a low of 2.2 hours for DPS 3-2, to a high of 5.7 hours for DPS 9-1, with an average of 4.5 hours.

The spatial distribution and footprint of bottom contacts are shown in Figure 124 and Figure 125. Two qualitative footprint areas were defined including the footprint that encompassed only the bottom contact locations, and a broader footprint that encompassed the trajectories and the bottom contacts. The first footprint is descriptive of the likely deposition area for silt-sized particles released from the Waiau release point. The second footprint is representative of silt and large (faster settling) size particles based on the assumption that these particles would settle somewhere along the trajectory leading to the bottom contact location for silt.

The distribution was separated roughly into two groups including a group that made bottom contact in the shallow water relatively close to the outfall (1-2, 1-3, 3-2, 5-1, 6-1

and 7-1), and a group that was transported south and west toward the navigation channel (all others). While not supported by statistical replication, these results suggest that silt-sized particles discharged from the suspected OWS outfall near Waiau are most likely to either settle in the shallow water due south and near the outfall, or be swept further south and west into the navigation channel. By percentage, 33% settled near the outfall, and 67% were transported and settled further out of the harbor.

The overall spatial scale and area of the footprint were estimated based on the root-mean-square distance from the bottom contact cluster centroid, and the mean-square distance from the bottom contact cluster centroid, respectively. The length scale of the footprint based on this method was about 0.92 km, and the area was about 0.84 km$^2$. Compared to the release in the deeper water at Oscar Pier, these spatial scales are relatively small and indicate that for silt particles, the footprint associated with a discharge from the Waiau release point is constrained within the general vicinity of the outfall. The results indicate that the likely area of deposition for particle bound contaminants released from or resuspended near the suspected OWS outfall would have been to the south and southwest of the release point. This was essentially true under all release conditions for tides and winds spanning typical conditions observed in the East Loch of Pearl Harbor. None of the DPS tracking units were observed to transit over or make bottom contact in the area of DU E-2 (Figure 125). Based on these results, it appears unlikely that a release from the suspected OWS discharge location would have resulted in transport and deposition of particle bound contaminants to the area of DU E-2.

Overall, the GPS tracking and bottom contact data collected using the DPS systems provided a clear visualization of the area of the harbor with connectivity to the outfall, the depth, spatial and time scales of the transport area, and the spatial location and size characteristics of the deposition footprint. These are all key aspects in understanding the complex nature and extent of the particle transport associated with discharge from a given outfall location.

DPS Sensor Data: Sensors mounted on the DPS units recorded temperature and salinity continuously during the Oct 28-29, 2016 survey event. The primary purpose of the sensor measurements was to document conditions during the deployments and demonstrate that the system can accommodate sensors of this type. The temperature and salinity data would be more relevant during an actual storm event. In addition, sensors such as transmissometers or optical backscatter sensors would also be useful during storm event deployments. For the non-storm deployments that were conducted here, the sensors primarily provide background information on site conditions. Results for the sensor data are described below.

Salinity and temperature data for the DPS sensors are shown in Figure 126 and Figure 127, respectively. Of the 18 tracking events, sensor data were successfully collected during all 18. In general, the salinity data were relatively uniform throughout the survey with some freshening of the surface waters during the later deployments. While no measurable precipitation was registered at the Honolulu gage, there was precipitation at the site during the night of October 28, and likely there was rain in the watershed to the north as well that fed some flow to the local streams (Waimalu and Kalauao drain into the area). This is the likely source of the observed freshening. Temperature data were also relatively uniform through the survey event. Some cooling was observed in the shallower

waters during the night, and some warming was observed in relation to the fresher surface water during the later deployments. In general, the results illustrate that the DPS system can act as a platform for sensors to track background or storm event conditions during the trajectories of the drifters.

**Table 31. DPS release and bottom contact times and positions for the October 28-29, 2016 DPS survey event.**

| DPS Unit | Release | | | Bottom Contact | | |
|---|---|---|---|---|---|---|
| | Date-Time | Longitude (deg NAD83) | Latitude (deg NAD83) | Date-Time | Longitude (deg NAD83) | Latitude (deg NAD83) |
| DPS1-1 | 10/28/2016 09:00 | -157.95765 | 21.38361 | 10/28/2016 14:25 | -157.96242 | 21.37825 |
| DPS2-1 | 10/28/2016 10:15 | -157.95778 | 21.38361 | 10/28/2016 15:57 | -157.96109 | 21.37822 |
| DPS3-1 | 10/28/2016 11:30 | -157.95775 | 21.38369 | 10/28/2016 17:00 | -157.95987 | 21.37797 |
| DPS4-1 | 10/28/2016 12:45 | -157.95762 | 21.38367 | 10/28/2016 18:13 | -157.95906 | 21.37744 |
| DPS5-1 | 10/28/2016 14:00 | -157.95767 | 21.38366 | 10/28/2016 16:41 | -157.95771 | 21.38093 |
| DPS6-1 | 10/28/2016 15:15 | -157.95763 | 21.38365 | 10/28/2016 17:48 | -157.95799 | 21.38139 |
| DPS7-1 | 10/28/2016 16:30 | -157.95762 | 21.38367 | 10/28/2016 19:11 | -157.95772 | 21.38103 |
| DPS8-1 | 10/28/2016 17:45 | -157.95767 | 21.38366 | 10/28/2016 23:28 | -157.96017 | 21.37769 |
| DPS1-2 | 10/28/2016 20:15 | -157.95770 | 21.38364 | 10/28/2016 22:33 | -157.95812 | 21.38156 |
| DPS3-2 | 10/28/2016 21:30 | -157.95768 | 21.38373 | 10/28/2016 23:42 | -157.95831 | 21.38133 |
| DPS2-3 | 10/28/2016 22:45 | -157.95768 | 21.38368 | 10/29/2016 3:50 | -157.96058 | 21.37976 |
| DPS4-2 | 10/29/2016 00:00 | -157.95757 | 21.38360 | 10/29/2016 5:33 | -157.96186 | 21.37791 |
| DPS5-2 | 10/29/2016 01:15 | -157.95754 | 21.38357 | 10/29/2016 6:51 | -157.96009 | 21.37878 |
| DPS7-2 | 10/29/2016 03:45 | -157.95760 | 21.38356 | 10/29/2016 9:11 | -157.95803 | 21.37865 |
| DPS8-2 | 10/29/2016 05:00 | -157.95764 | 21.38356 | 10/29/2016 10:27 | -157.95911 | 21.37863 |
| DPS6-3 | 10/29/2016 06:15 | -157.95757 | 21.38359 | 10/29/2016 11:51 | -157.95831 | 21.37901 |
| DPS3-3 | 10/29/2016 07:30 | -157.95755 | 21.38354 | 10/29/2016 12:59 | -157.95828 | 21.37879 |
| DPS1-3 | 10/29/2016 08:45 | -157.95759 | 21.38355 | 10/29/2016 11:27 | -157.95792 | 21.38114 |
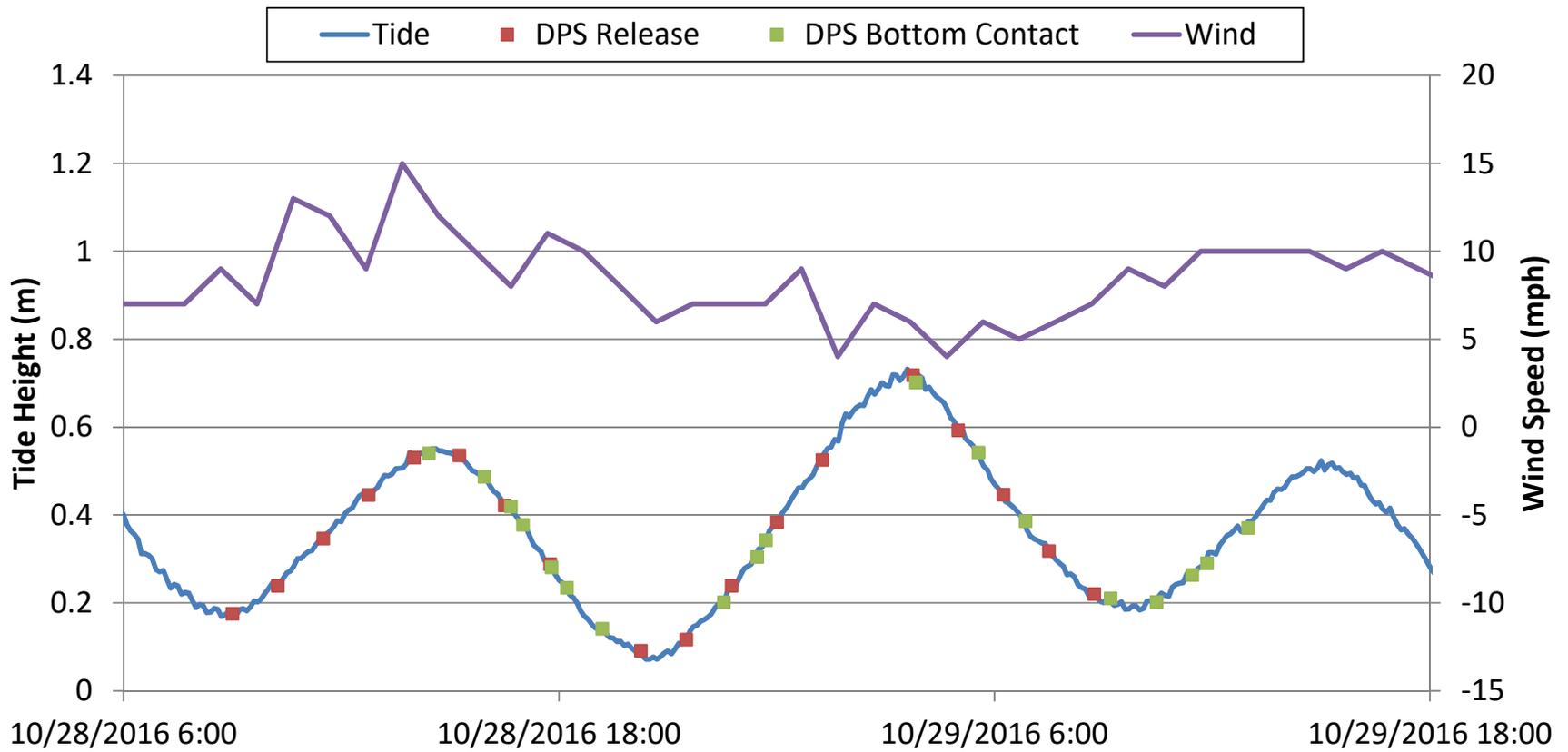
**Figure 114. Wind and tide conditions for the October 28-29, 2016 DPS survey event.**
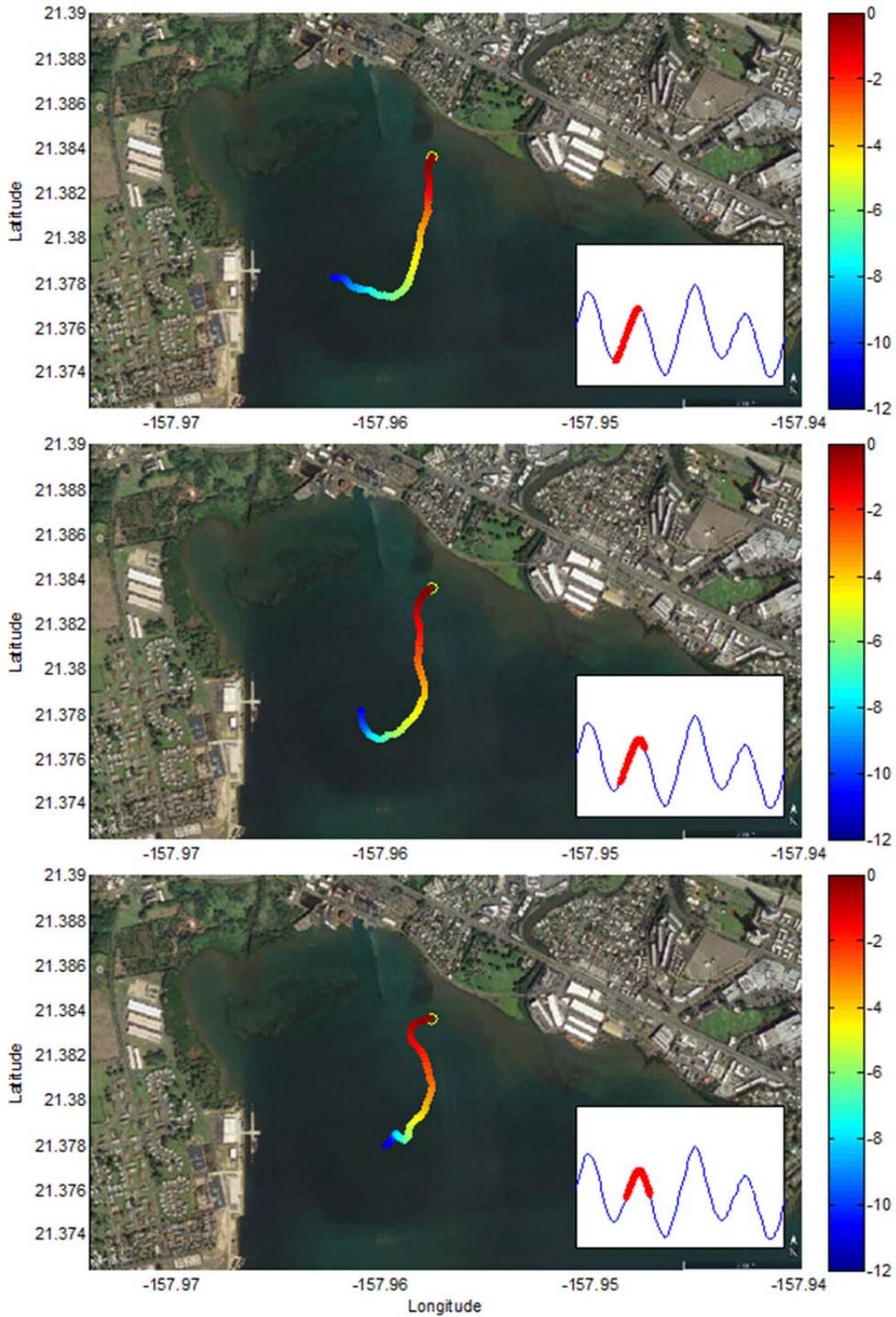
**Figure 115. DPS trajectories and tide conditions for DPS1-1, DPS2-1, and DPS3-1. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
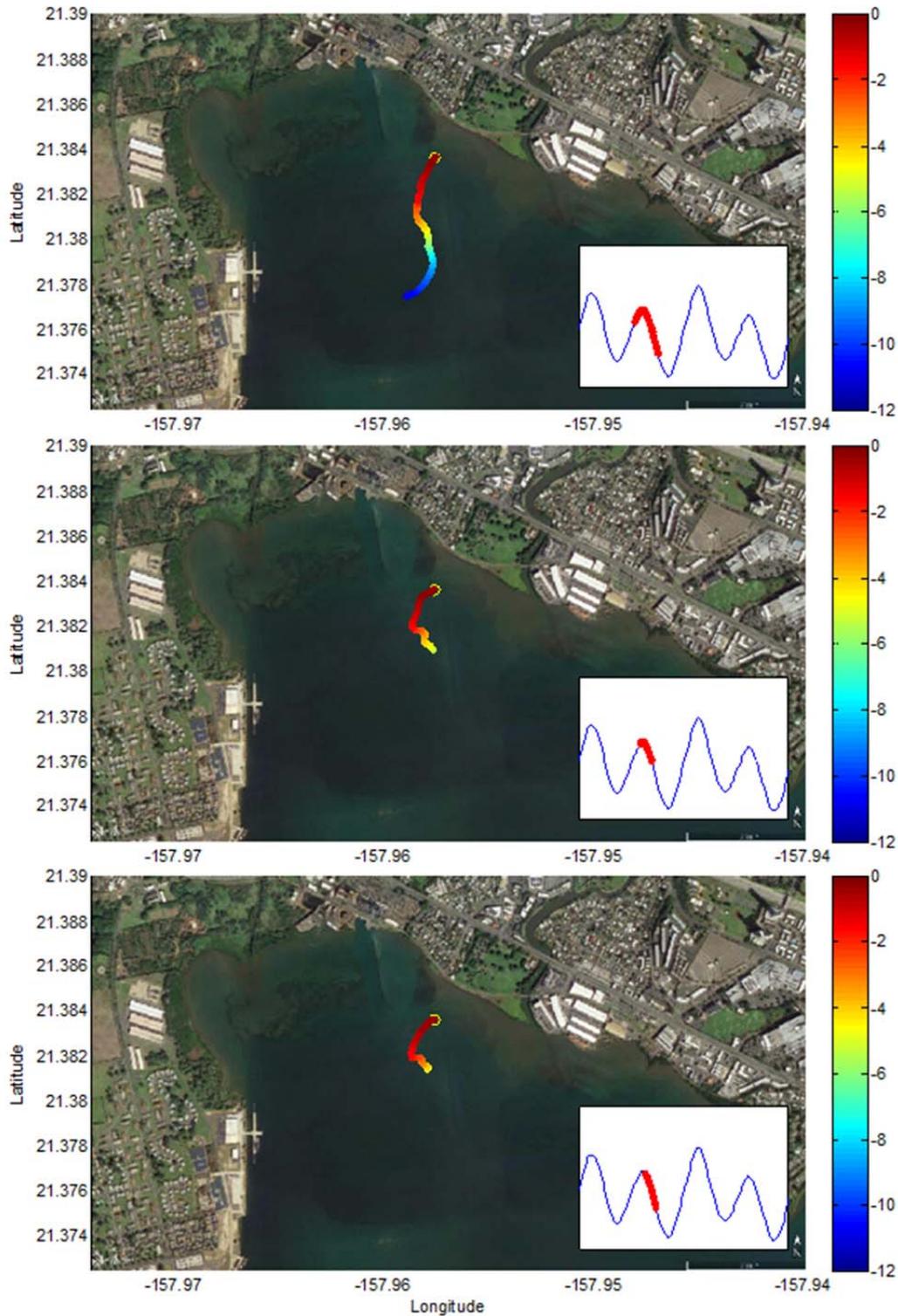
**Figure 116. DPS trajectories and tide conditions for DPS4-1, DPS5-1, and DPS6-1. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
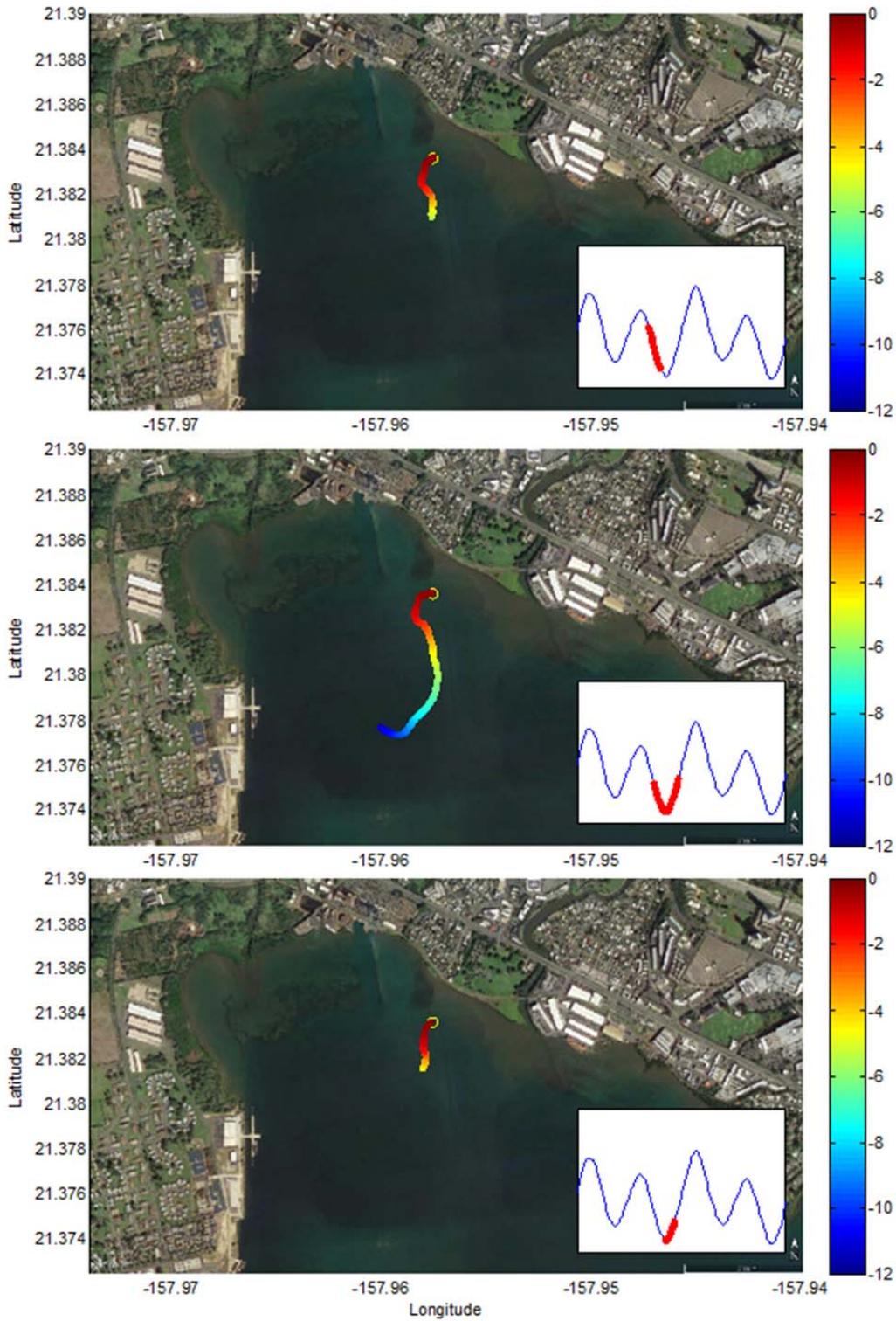
**Figure 117. DPS trajectories and tide conditions for DPS8-1, DPS8-1, and DPS1-2. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
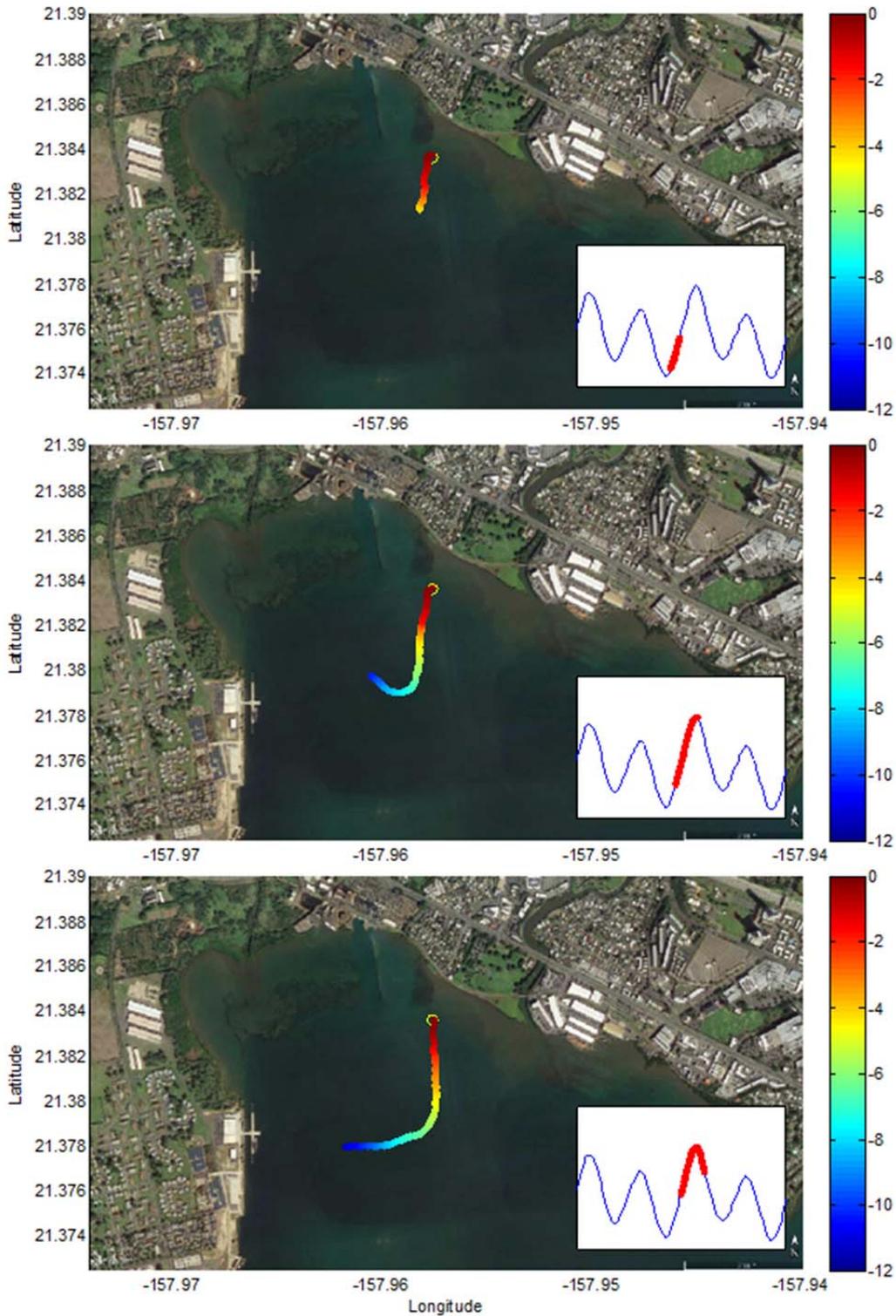
**Figure 118. DPS trajectories and tide conditions for DPS3-2, DPS2-3, and DPS4-2. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
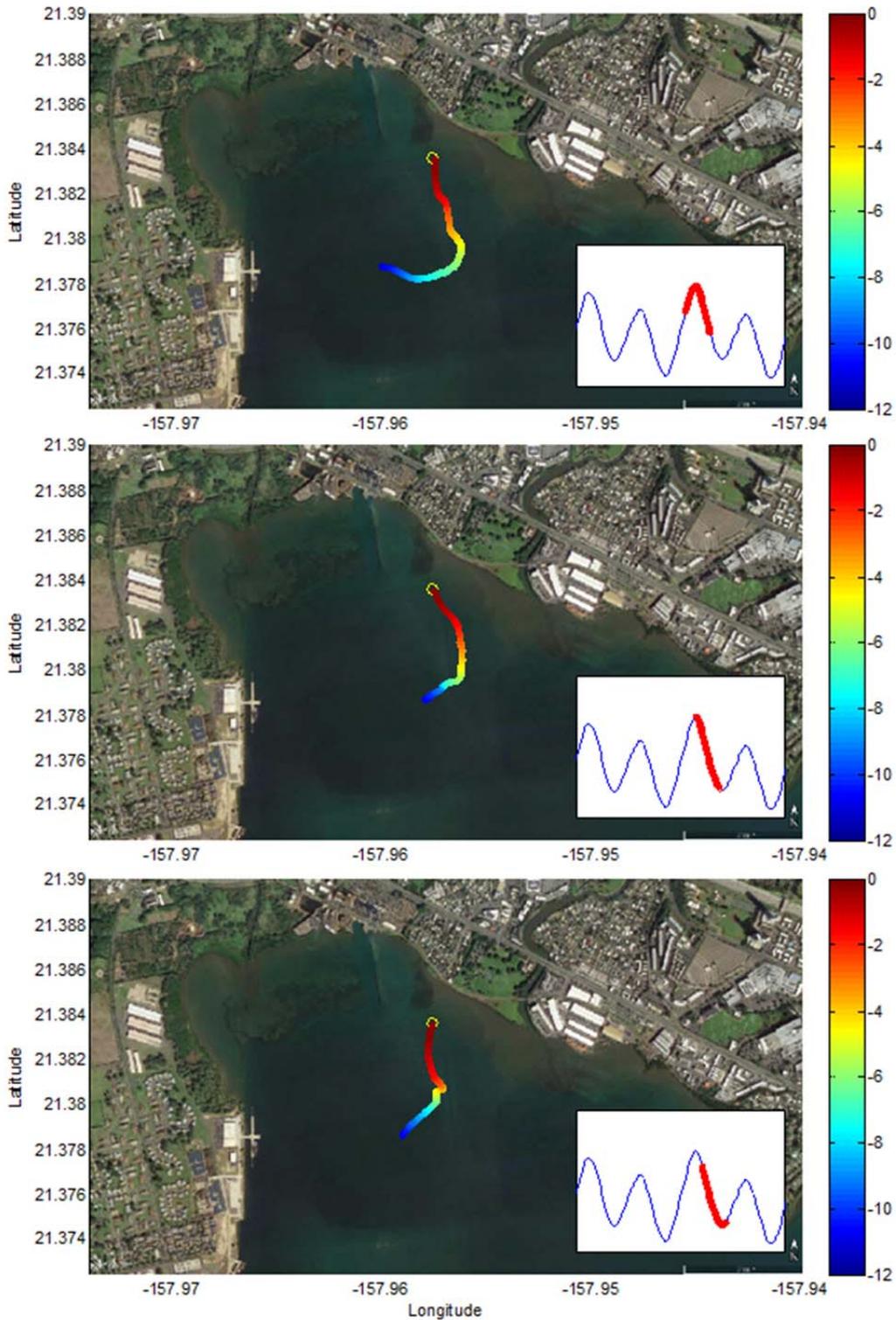
**Figure 119. DPS trajectories and tide conditions for DPS5-2, DPS7-2, and DPS8-2. Colors indicate the DPS depth in meters. Yellow circle is the release point.**
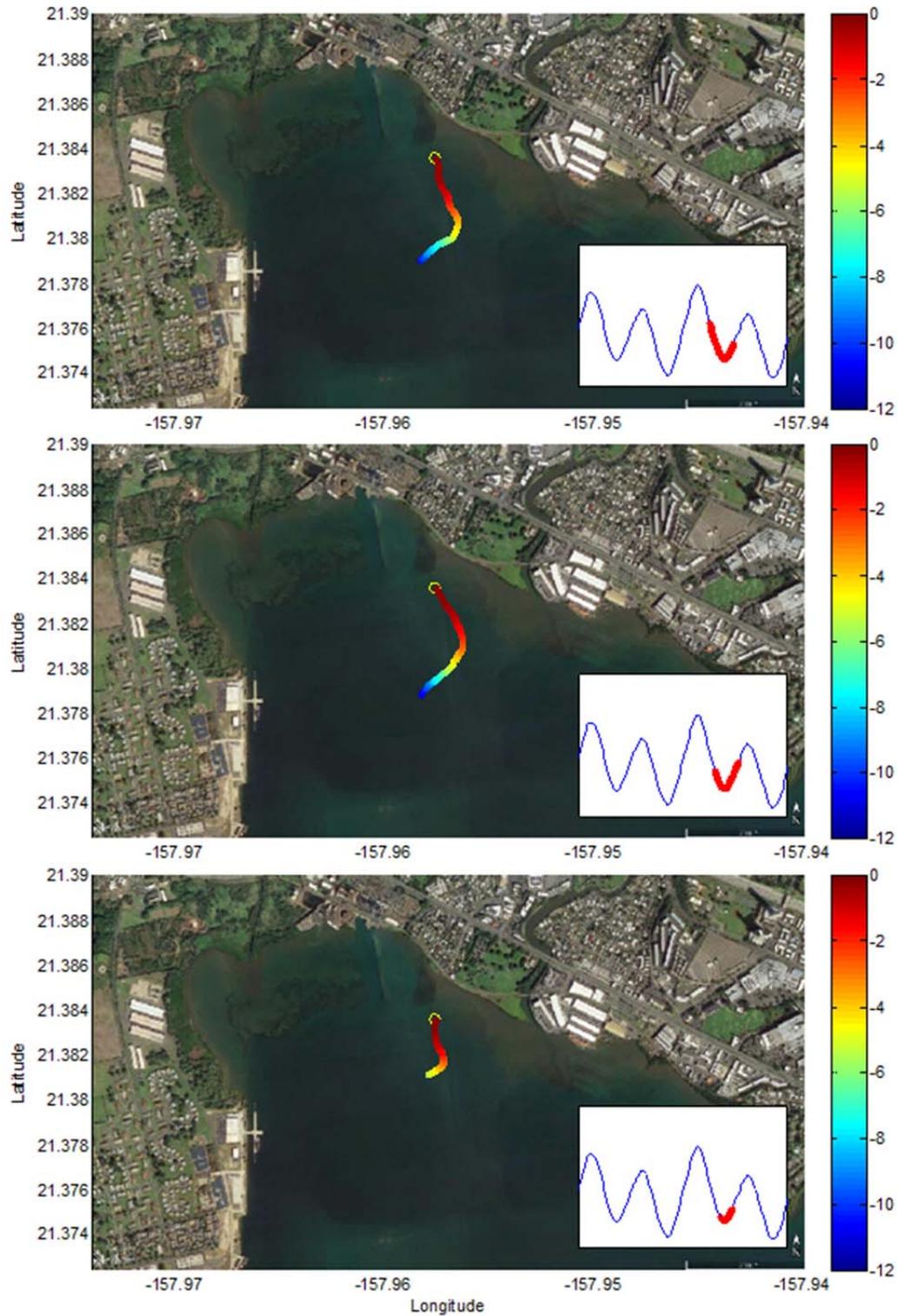
**Figure 120. DPS trajectories and tide conditions for DPS6-3, DPS3-3, and DPS1-3. Colors indicate the DPS depth in meters. Yellow circle is the release point.**

**Table 32. Average speed, total distance traveled, and bottom contact depth for the DPS units in relation to the tide condition at the time of release.**

| DPS Unit | Averge Speed (cm/s) | Total Distance (m) | Bottom Contact Depth (m) | Tide Condition |
|---|---|---|---|---|
| DPS1-1 | 5.3 | 1074 | 11.0 | Slack Low |
| DPS2-1 | 5.2 | 1098 | 11.6 | Flood |
| DPS3-1 | 4.3 | 883 | 11.2 | Flood |
| DPS4-1 | 3.9 | 794 | 11.2 | Flood |
| DPS5-1 | 4.1 | 409 | 5.4 | Slackc High |
| DPS6-1 | 3.8 | 352 | 5.2 | Ebb |
| DPS7-1 | 3.4 | 336 | 5.5 | Ebb |
| DPS8-1 | 4.5 | 962 | 11.6 | Ebb |
| DPS1-2 | 2.9 | 247 | 4.7 | Ebb |
| DPS3-2 | 3.7 | 299 | 4.5 | Slack Low |
| DPS2-3 | 4.0 | 750 | 10.3 | Flood |
| DPS4-2 | 4.7 | 971 | 11.3 | Flood |
| DPS5-2 | 4.6 | 966 | 11.4 | Flood |
| DPS7-2 | 3.4 | 694 | 11.1 | Slackc High |
| DPS8-2 | 3.3 | 669 | 11.1 | Ebb |
| DPS6-3 | 3.0 | 627 | 11.4 | Ebb |
| DPS3-3 | 3.1 | 645 | 11.1 | Ebb |
| DPS1-3 | 3.2 | 315 | 5.5 | Slack Low |
| Average | 3.9 | 672 | 9.2 | Overall |
|  | 3.9 | 558 | 7.5 | Slack Water |
|  | 4.4 | 910 | 11.2 | Flood Tide |
|  | 3.4 | 548 | 8.6 | Ebb Tide |
| Standard Deviation | 0.7 | 287 | 3.0 | Overall |
|  | 0.8 | 329 | 3.3 | Slack Water |
|  | 0.5 | 128 | 0.4 | Flood Tide |
|  | 0.6 | 250 | 3.3 | Ebb Tide |

**Table 33. Average speed, total distance traveled, and bottom contact depth for the DPS units in relation to the wind condition at the time of release.**

| DPS Unit | Averge Speed (cm/s) | Total Distance (m) | Bottom Contact Depth (m) | Wind Speed (mph) |
|---|---|---|---|---|
| DPS1-1 | 5.3 | 1074 | 11.0 | 9.0 |
| DPS2-1 | 5.2 | 1098 | 11.6 | 7.0 |
| DPS3-1 | 4.3 | 883 | 11.2 | 13.0 |
| DPS4-1 | 3.9 | 794 | 11.2 | 9.0 |
| DPS5-1 | 4.1 | 409 | 5.4 | 15.0 |
| DPS6-1 | 3.8 | 352 | 5.2 | 12.0 |
| DPS7-1 | 3.4 | 336 | 5.5 | 10.0 |
| DPS8-1 | 4.5 | 962 | 11.6 | 11.0 |
| DPS1-2 | 2.9 | 247 | 4.7 | 8.0 |
| DPS3-2 | 3.7 | 299 | 4.5 | 6.0 |
| DPS2-3 | 4.0 | 750 | 10.3 | 7.0 |
| DPS4-2 | 4.7 | 971 | 11.3 | 7.0 |
| DPS5-2 | 4.6 | 966 | 11.4 | 9.0 |
| DPS7-2 | 3.4 | 694 | 11.1 | 6.0 |
| DPS8-2 | 3.3 | 669 | 11.1 | 4.0 |
| DPS6-3 | 3.0 | 627 | 11.4 | 6.0 |
| DPS3-3 | 3.1 | 645 | 11.1 | 5.0 |
| DPS1-3 | 3.2 | 315 | 5.5 | 7.0 |
| Average | 3.9 | 672 | 9.2 | Overall |
|  | 4.2 | 722 | 9.0 | >8.4 |
|  | 3.6 | 631 | 9.2 | ≤8.4 |
| Standard Deviation | 0.7 | 287 | 3.0 | Overall |
|  | 0.6 | 306 | 3.1 | >8.4 |
|  | 0.8 | 281 | 3.1 | ≤8.4 |
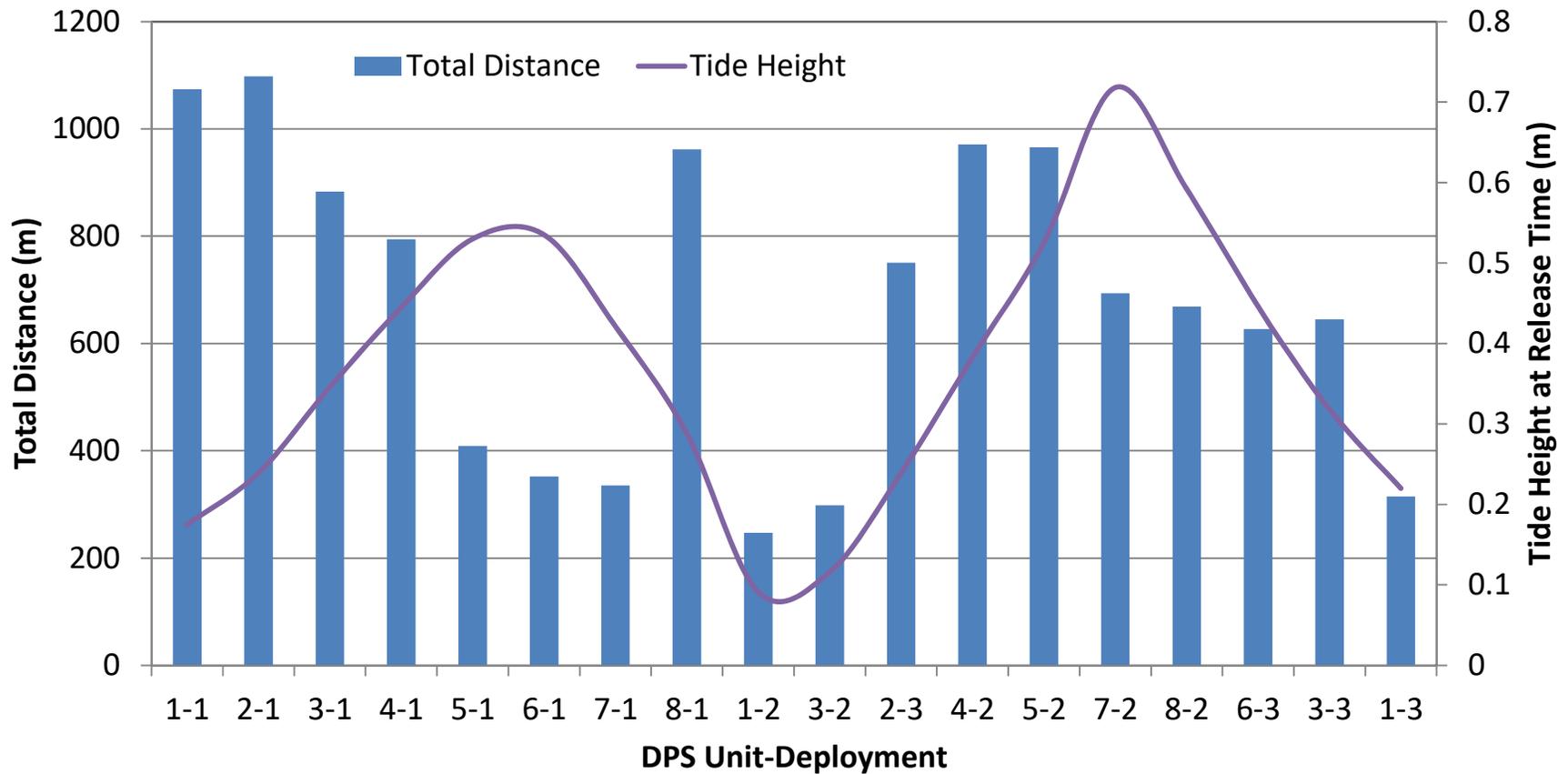
**Figure 121. Total travel distance and tide condition for each of the DPS units released during the Oct 28-29, 2016 Waiau event. Shown in order of release from left to right.**
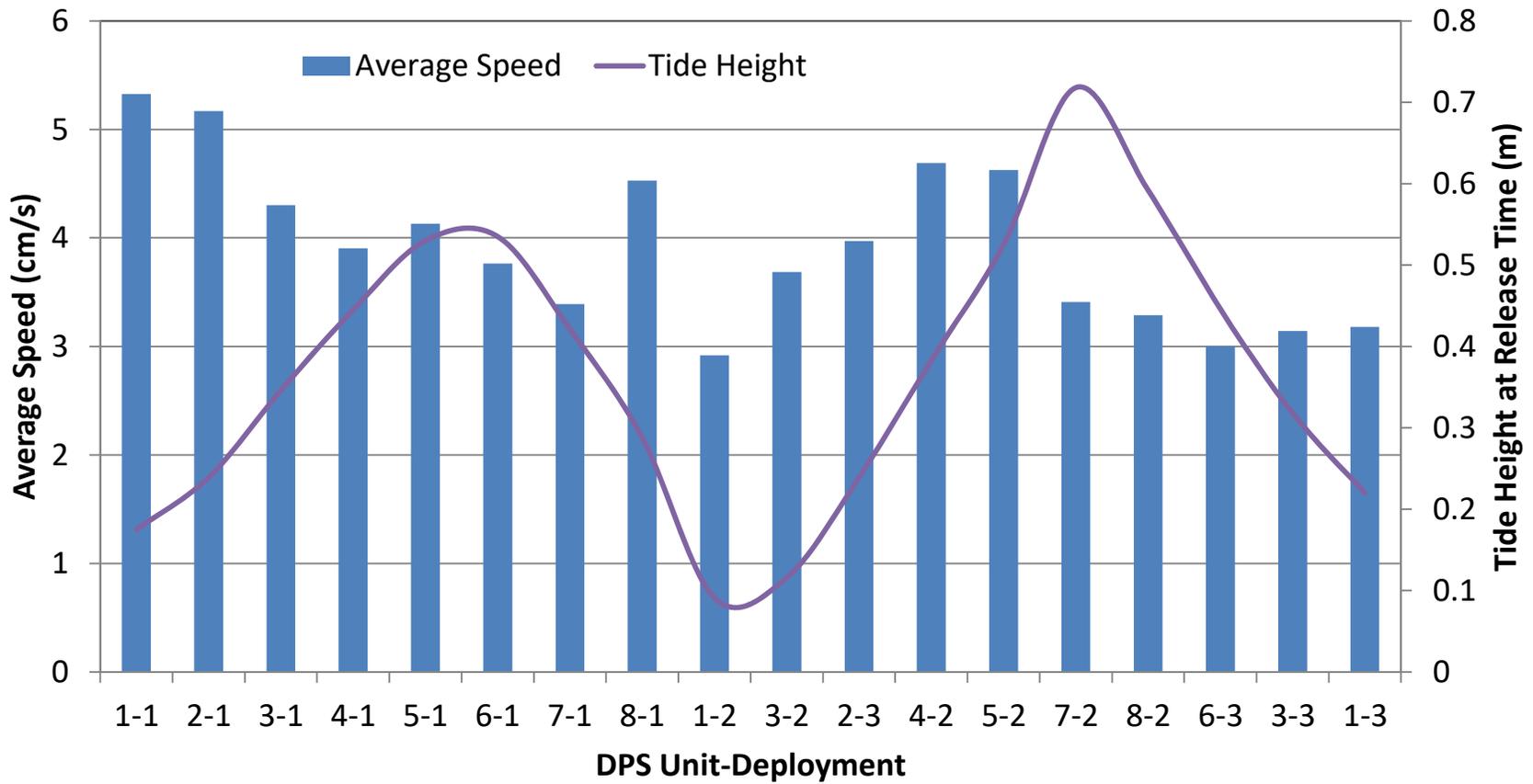
**Figure 122. Average speed and tide condition for each of the DPS units released during the Oct 28-29, 2016 Waiau event. Shown in order of release from left to right.**
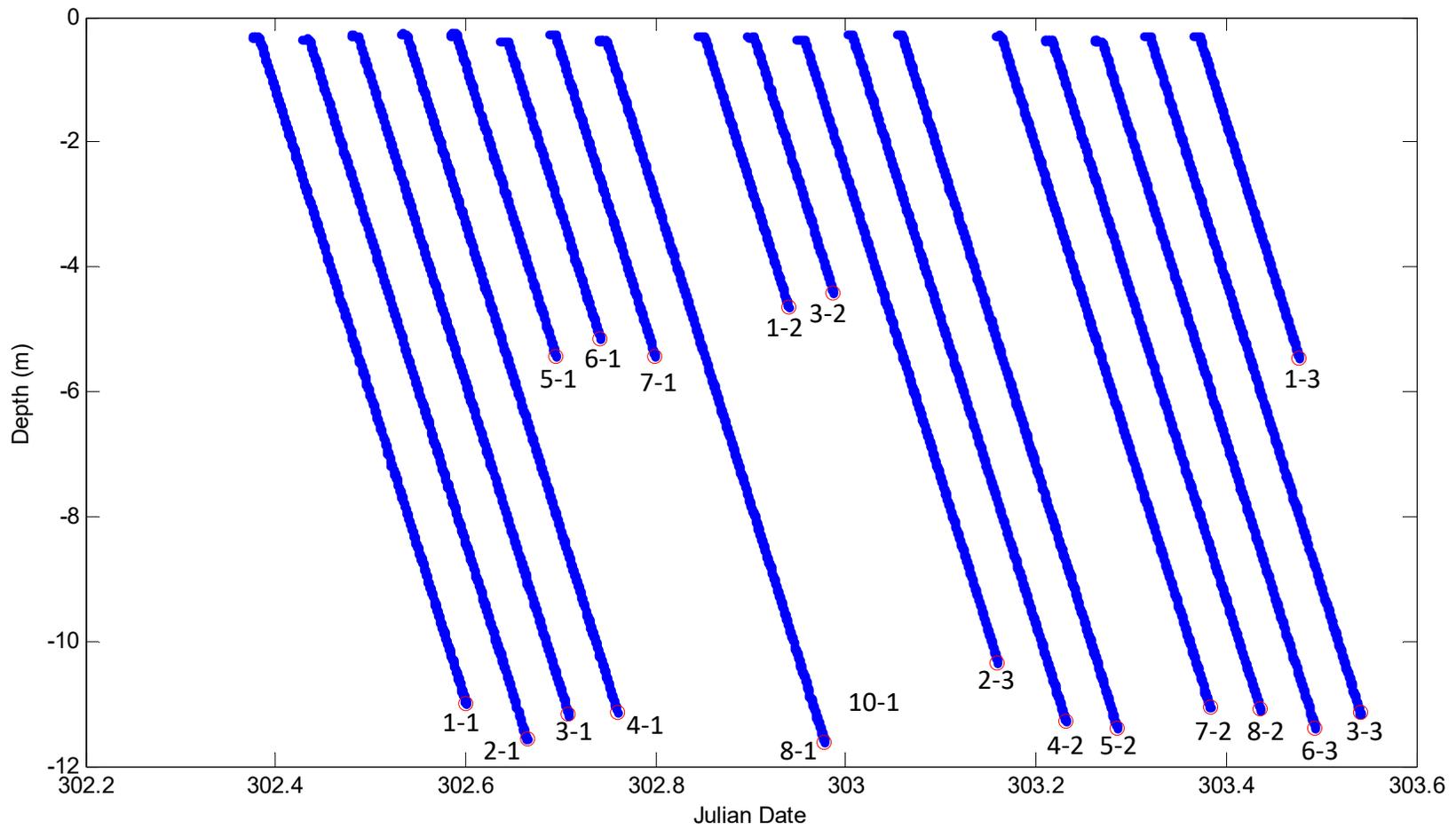
**Figure 123. Vertical profiles of DPS depth as a function of time. Labels are DPS unit and deployment numbers. Red circles indicate bottom contact times and depths.**
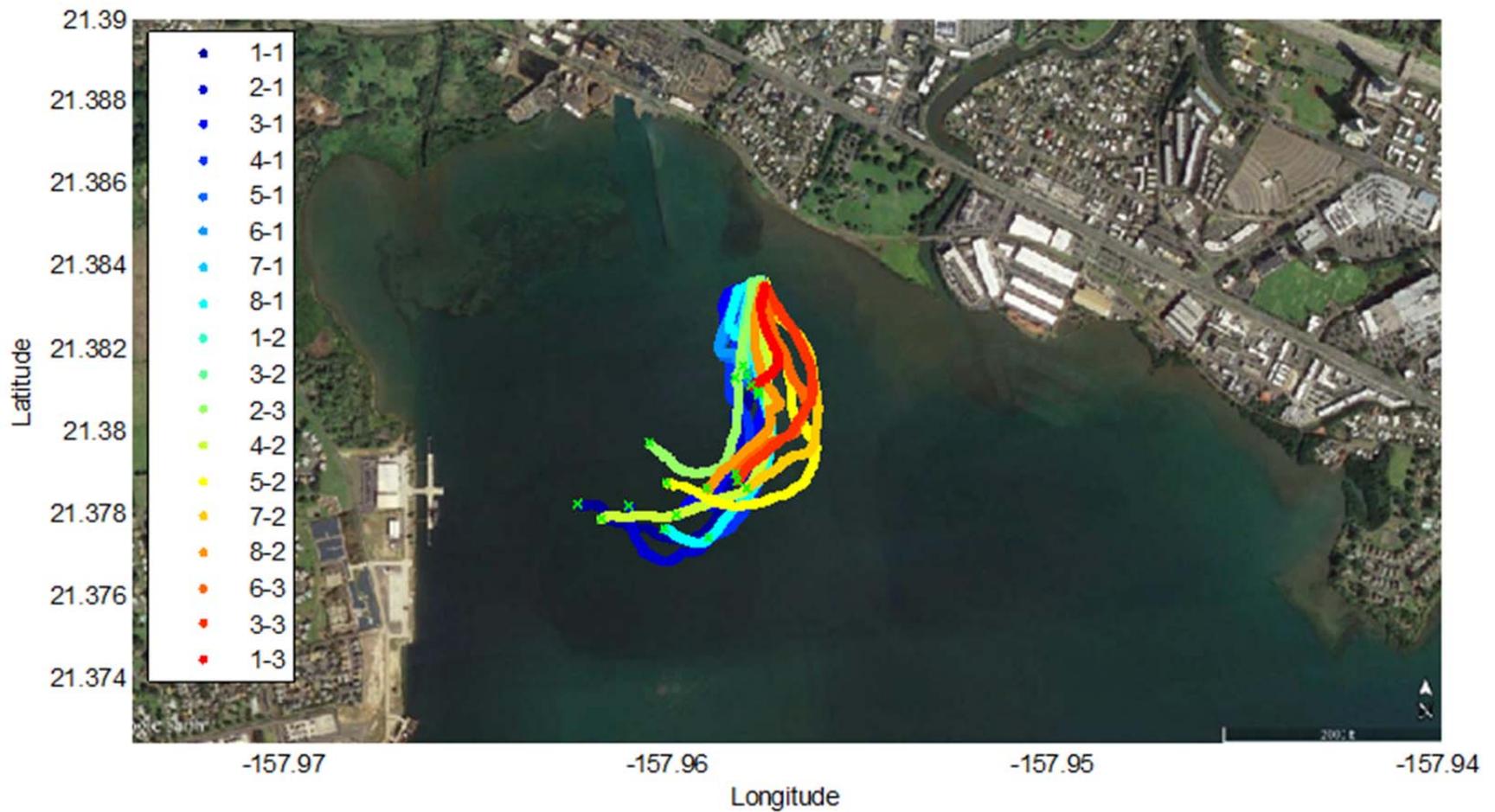
**Figure 124. Complete DPS trajectory map showing individual trajectories for the 18 DPS units (colored lines) and bottom contact locations (green ×'s).**
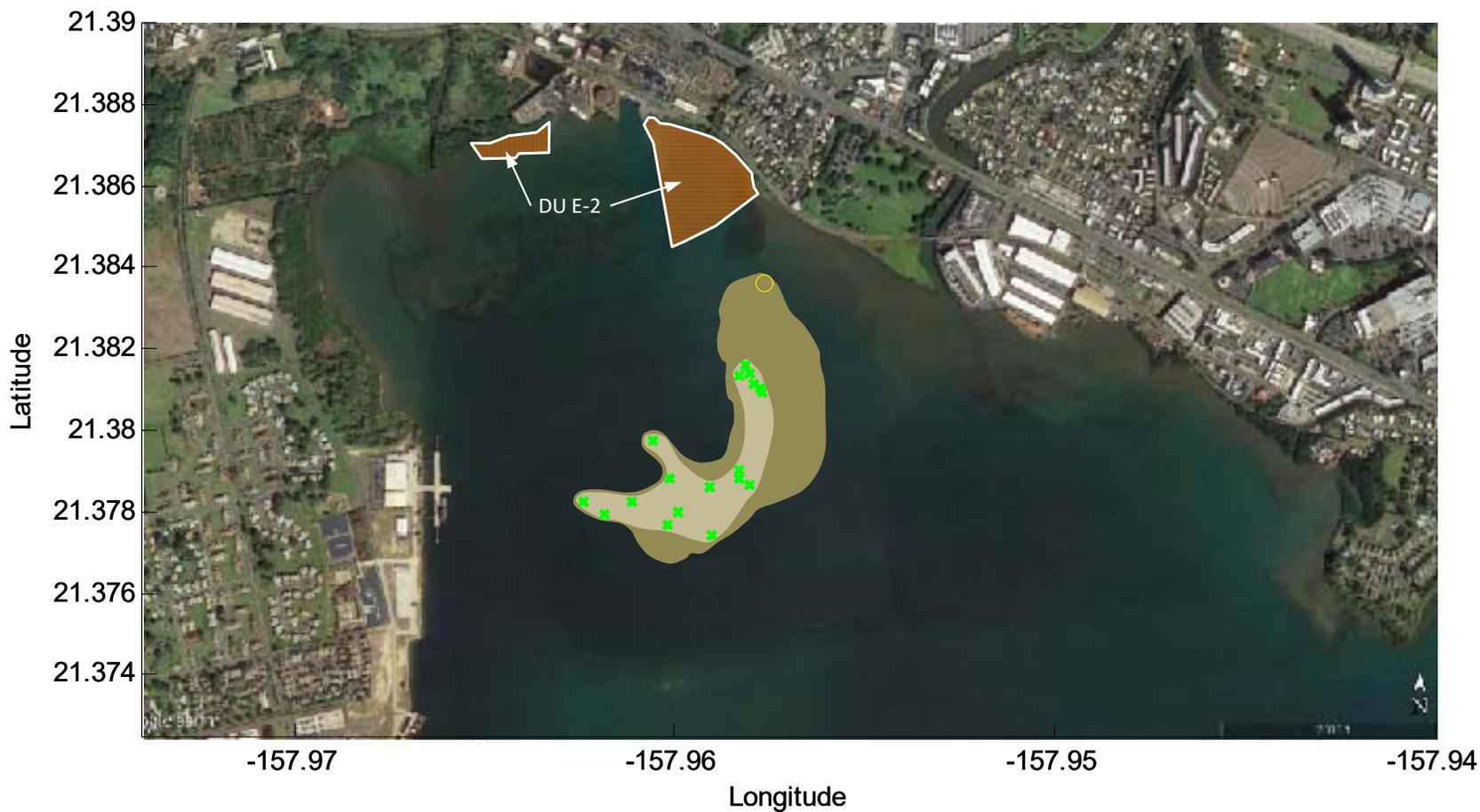
**Figure 125. Deposition footprint with connectivity to the suspected OWS discharge outfall near Waiau. The light shaded area indicates the area encompassed by the actual bottom contacts for the target 34 mm/min (silt) settling rate particles. The darker shaded area encompasses the trajectories and bottom contacts and is representative of the potential deposition of particles sinking at ≥34 mm/min (silts and sands). The green ×'s are the actual bottom contact locations.**
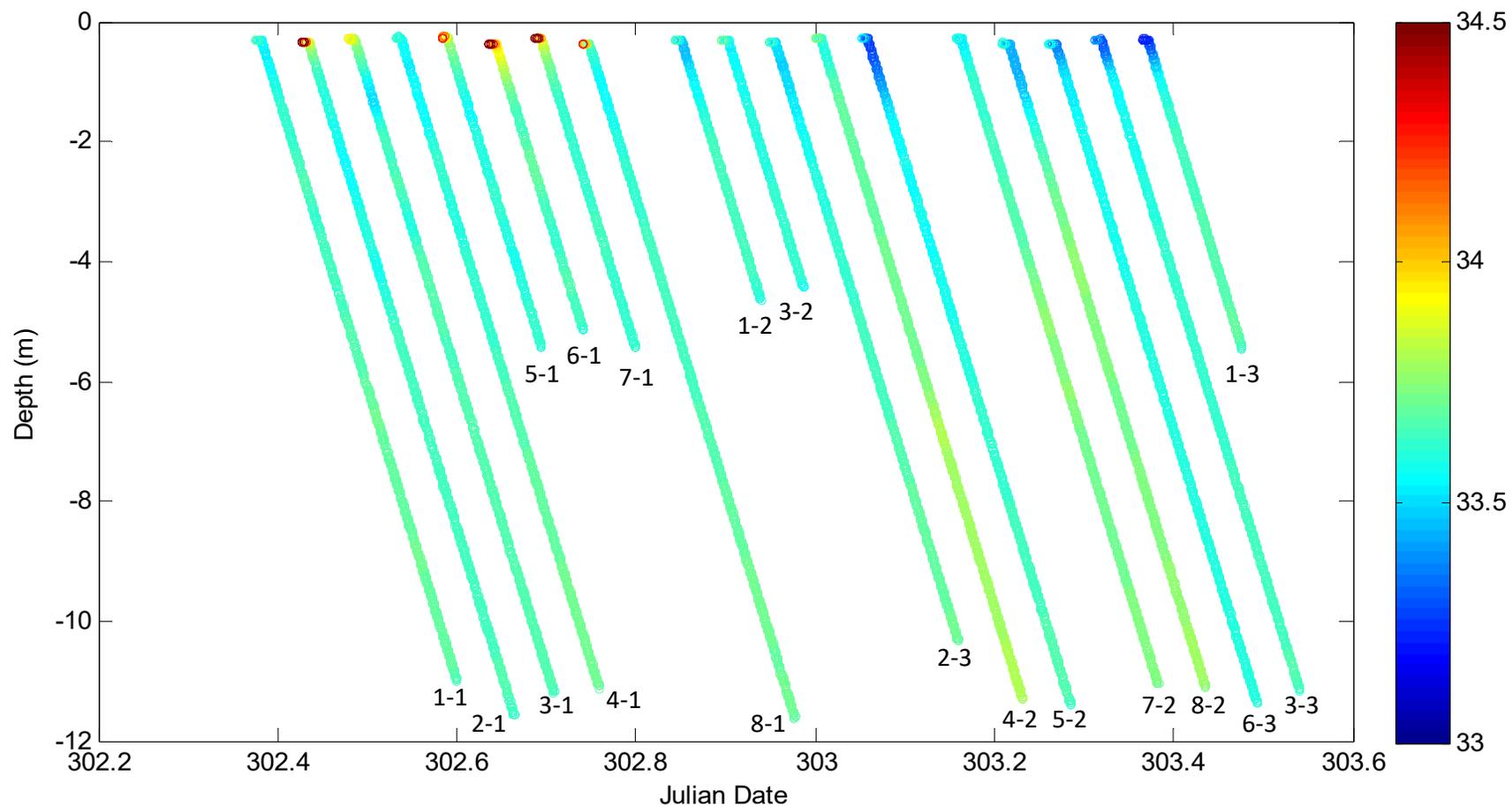
**Figure 126. Salinity data (psu) from the sensors onboard the DPS units during the Oct 28-29, 2016 event.**
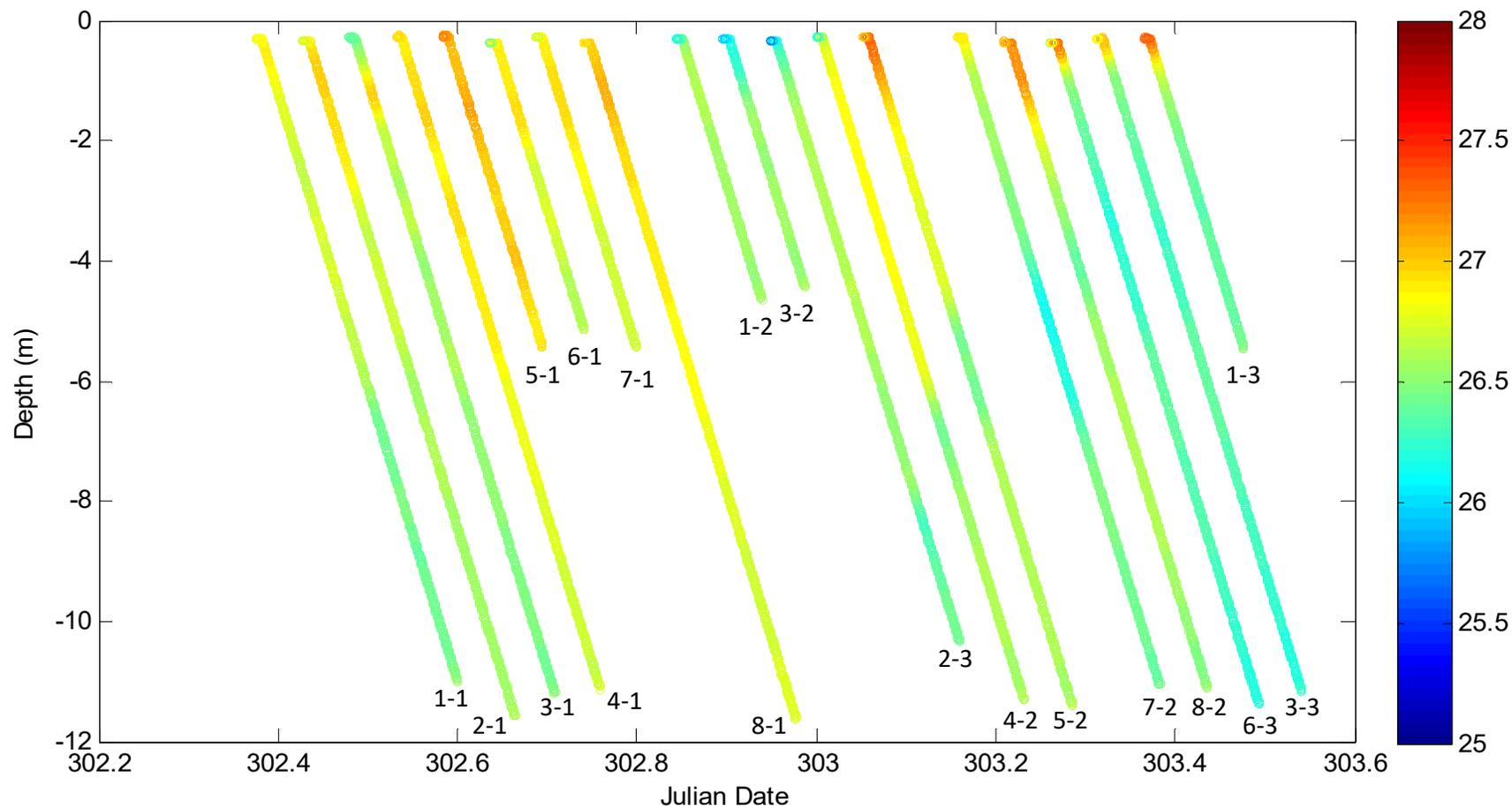
**Figure 127. Temperature data (ºC) from the sensors onboard the DPS units during the Oct 28-29, 2016 event.**

This page intentionally left blank

# 6  PERFORMANCE ASSESSMENT

Performance analysis focused on the ability of the systems to provide improved exposure, transport and fate assessment for stormwater sources in a cost effective manner. A key aspect of this performance was the ability to improve our understanding of the linkage between this ongoing sources and potential recontamination of sediment. This requires the ability to accurately track the trajectory of the plume and associated particle-bound contaminants, and establish reliable measures of event-based depositional footprints. Performance was measured against performance criteria established in the demonstration plan. Performance objectives for the three technologies are summarized in Table 4 – Table 5.

## 6.1 Drifting Exposure System

For the DrEx system, we established a series of quantitative and qualitative performance objectives. Quantitative objectives focus on tracking accuracy, communications reliability, water sampler performance, and system survivability. Tracking accuracy of the GPS system is important to reliable measurements of the plume trajectory. It is important that the GPS tracking operate within specified accuracy under field conditions. To evaluate this quantitatively, we conducted verification measurements with a highly accurate GPS unit during field deployments. Our expectation was that the GPS would provide accuracy as measured by the difference between the drifter GPS and the verification GPS that was <5 m for >90% of the deployment period. Reliable data communications are important to the performance of the system in active harbor areas because they allow for real-time tracking without having to utilize extensive boats and crews to follow the drifters. Communications are also important for any modifications to the sampling and for final location and retrieval of the system. Our expectation for communications reliability was that the telemetry link data would provide reliable transmissions >90% of the deployment period. An important aspect of the DrEx system is its ability to collect samples during the deployment period. Reliable sample operations are reflected in the proper collection of composite sample volumes based on the programming of the system. Our expectation for the water sampler on the DrEx was that it would collect a reliable composite sample with total volume within 10% of target during the deployment period. Because of the unattended nature of the systems and the complex, harsh and active areas where they will be deployed, survivability is a key performance metric for the systems. Survivability in this case refers to successful mission completion, without major system failures or lost units during field deployments. Our expectation was for >80% survivability under field conditions.

The primary qualitative performance object for the DrEx was that the drifters reliable track the surface plume of a stormwater discharge release. While this is difficult to determine quantitatively, a number of methods will be used to give a quantitative assessment of the plume tracking performance including onboard salinity and temperature measurements, and plume tracking measurements made with water quality instruments from the survey boat during the discharge event. Our expectations are that onboard salinity and temperature signature will be consistent with plume characteristics, and that DrEx trajectories will be consistent with spatial surface plume mapping results.

## 6.2 Drifting Particle Simulator

For the DPS system, we established a series of quantitative and qualitative performance objectives similar to the DrEx but adapted to the particle tracking capability of the system. Quantitative objectives focus on tracking accuracy, communications reliability, settling rate performance, and system survivability. Tracking accuracy of the GPS system is important to reliable measurements of the plume trajectory. It is important that the GPS tracking operate within specified accuracy under field conditions. To evaluate this quantitatively, we will conduct verification measurements with a highly accurate GPS unit during both pier-side testing and field deployments. Our expectation is that the GPS will provide accuracy as measured by the difference between the drifter GPS and the verification GPS that is <5 m for >90% of the deployment period. Reliable data communications are important to the performance of the system in active harbor areas because they allow for real-time tracking without having to utilize extensive boats and crews to follow the drifters. Communications will also be important for any modifications to the sampling and for final location and retrieval of the system. Our expectation for communications reliability is that the telemetry link data will provide reliable transmissions >90% of the deployment period. An important aspect of the DPS system is its ability to simulate the effective rate of settling for discharge related particles during the deployment period. Reliable settling rates are reflected in the depth data from pressure sensor onboard DPS . Our expectation is that the effective settling rates will be accurate to within 10% of target rate during the deployment period. Because of the unattended nature of the systems and the complex, harsh and active areas where they will be deployed, survivability is a key performance metric for the systems. Survivability in this case refers to successful mission completion, without major system failures or lost units during field deployments. Our expectation is for >80% survivability under field conditions.

The primary qualitative performance object for the DPS is that the drifters reliable track the particle plume of a stormwater discharge release. While this is difficult to determine quantitatively, a number of methods will be used to give a quantitative assessment of the plume tracking performance including onboard turbidity sensor data, and particle tracking data from ADCP and profiled sensors on the survey boat. Our expectations are that onboard turbidity signature will be consistent with particle plume characteristics, and that DPS trajectories will be consistent with spatial surface and subsurface particle plume mapping results.

## 6.3 Sediment Deposition Detector

For the SeDep system, we established a series of quantitative and qualitative performance objectives. Quantitative objectives focus on deposition detection sensitivity, measurement reliability, and system survivability. Detection sensitivity is important because the goal is to be able to detect relatively small events associated with individual storm related deposition as well as longer term accumulation associated with multiple events. To evaluate this quantitatively, we will utilize data from controlled tank testing and field deployments including the sediment traps. The goal will be to achieve sensitivity <1 mm of deposition for typical particle sizes in the silt to sand range and comparable deposition to short term trap results. Measurement reliability is important because the sensors will be

largely unattended and if they are not reliable then the deposition events may not be captured in the data. To evaluate this quantitatively, we will use differential pressure data from field deployments. Our goal is to achieve reliable pressure data collected >90% of the deployment period. Because of the unattended nature of the systems and the complex, harsh and active areas where they will be deployed, survivability is also a key performance metric for the systems. Survivability in this case refers to successful mission completion, without major system failures or lost units during field deployments. Our expectation is for >80% survivability under field conditions.

The primary qualitative performance object for the SeDep is that the system be reasonably easy to use in the field. Overly complex or difficult to deploy systems incur higher costs and are less likely to be adopted at actual sites. To evaluate this, we will focus on ease of installation and retrieval which will be measured based on feedback from the dive team and the ability to install or retrieve a typical system array within a reasonable time period of 1-2 days.

**6.4 Quantitative Performance Objectives – Drifting Exposure System**

**6.4.1    Tracking Accuracy**

**6.4.1.1   Description**

The DrEx system utilizes an SBAS-corrected onboard GPS to provide accurate tracking of its location and the trajectory of the stormwater plume. The system uses a 12 channel GPS receiver and records position to 0.001 minute of latitude and longitude (1.8 meters). Absolute accuracy of the position is expected to be better than 15 meters worldwide. In areas served by one of three SBAS system (WAAS in North America, EGNOS in Europe, and MSAS in East Asia) absolute accuracy is expected to be better than 3 meters 2DRMS. Tracking accuracy thus provides a measure of how well the DrEx GPS system represents the true location of the unit in the environment and the location of the plume.

**6.4.1.2   Data Collection**

GPS accuracy data and statistics were collected during field deployments at Paleta Creek in San Diego Bay. Two methods were used including following the drifters in a small boat a marking their positions with a pole-mounted sub-meter GPS (Trimble Geo-XT), or by mounting a secondary sub-meter GPS (Bad Elf GNSS Surveyor) directly on the DrEx unit and recording positions continuously. The pole-mounted GPS method was less accurate due to the need to try to position the GPS antenna over the DrEx unit from a moving boat during storm conditions.

**6.4.1.3   Interpretation of Data and Extent the Success Criteria Were Met**

The goal for this performance objective was to demonstrate that the tracking accuracy was <5 m for >90% of the deployment period provided that the SBAS differential system was active. The data were interpreted by first determining if the drifter status indicated a differential GPS fix, and then time-matching the data from the DrEx GPS and the verification GPS. Position differences were then calculated for each verification point. A difference histogram was then developed and the position difference at the 90th percentile of the histogram was used to compare to the performance objective. This was repeated

for each of the verification techniques (Trimble and Bad Elf), and also for each of the survey events. The results are summarized in Table 34.

Results based on the Trimble GeoXT GPS measurements showed 90th percentile differences of 4.9 m and 6.4 m for the Jan 5-6, 2016 event and Feb 1 event, respectively. Results from the BadElf GNSS GPS measurements showed 90th percentile differences ranging from 5.4-5.5 m for the Jan 5-6, 2016 event, and 5.0-5.6 m for the Feb 1, 2016 event. While these values and ranges generally slightly exceeded the performance objective, the objective was considered to be met because the results were generally both very consistent and also very close to the objective. The 5 m objective was originally chosen on the basis that this was an approximate level at which the drifter tracking accuracy would be suitable for small-scale plume tracking around outfalls and urban embayments. The ranges of tracking accuracy measured during the survey events appears to consistently be adequate to achieve this original objective. In addition, the drifter firmware is being updated to improve the resolution of the recorded GPS positions to match the resolution of the Garmin GPS engine that is used onboard the drifters. This will improve the resolution by a factor of ten, and may further improve the tracking accuracy of the systems.

### 6.4.2 Communications reliability

#### 6.4.2.1 Description

The DrEx system uses the Iridium satellite system to communicate positions and other status and sensor data to the user via the internet. The frequency of this communication is a user-selectable variable during the setup of the system and depends on two settings. First, the sampling interval (in seconds) of the DrEx unit is set, which determines how frequently data will be recorded onboard the unit. Second, the recurrence interval for Iridium transmission (in recorded positions) is set, which determines how frequently positions will be transmitted. The data transmission interval is thus equal to the product of the sampling interval and the recurrence interval.

#### 6.4.2.2 Data Collection

Telemetry link data and statistics for the DrEx were collected during the field deployments at Paleta Creek. For these deployments, the sampling interval was set to 15 seconds, and the recurrence interval was set for 20 positions, so the data transmission interval was about 300 seconds (5 minutes). The telemetry data were sent to and stored on the Brightwaters internet server at http://www.brightwaters.com/vas/SPAWAR/. These files were downloaded during the deployment using a MatLab script that automatically queried the server and plotted the DrEx unit positions on a map. At the end of each deployment, the final data file was downloaded from the server, and these data were used to examine the communications reliability.

#### 6.4.2.3 Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate reliable position data transmitted for >90% of the deployment period. The data were interpreted by determining the total number of possible data transmissions at the specified data transmission interval for each deployment. The actual number of data transmissions was then determined from

the final data files that were downloaded from the server. The transmission success rate was then calculated as the actual transmissions divided by the possible transmissions for comparison to the performance objective. To accommodate typical variability in the transmission time, the transmission was considered to be successful if the period between transmissions was less than twice the specified transmission period.

Results for communications reliability were evaluated for each of the two survey events (Table 35). During the Jan 5-6, 2016 event, communications reliability ranged from a low of 59% to a high of 94%, with an overall average of 81%. During the Feb 1, 2016 event, reliability ranged from 34% to 100% with an overall average of 77%. While these levels fall somewhat short of the performance goal, experience during the events indicated that the communications reliability was generally sufficient to provide adequate information on the locations of the drifters throughout the deployments, as well as providing accurate information on the location for the retrieval. In general, drifters with low communications reliability had often become trapped near the pier structures, or between a ship and the pier, and thus satellite communications were hampered by interfering structures. Overall, it appears that a realistic expectation for communications reliability under these types of conditions is in the range of 80%, and that performance in this range should be adequate to support the requirements of the system.

### 6.4.3   Water sampler operation

### 6.4.3.1   Description

A novel aspect of the DrEx system is its ability to collect composite samples while tracking the trajectory of the stormwater plume. This capability allows for simultaneous tracking and exposure quantification. To enable this, the DrEx system utilizes a low-flow peristaltic pump controlled by the DrEx unit, and connect to a 5 liter sampling bag that contains the sample. The pump is programmable so that the sampling rate can be set by the user, along with the maximum sample volume and a range of other parameters. The pump is calibrated prior to deployment so that the sample volume collected should correspond closely to the programmed value.

### 6.4.3.2   Data Collection

Water sampler operation date were collected during the field deployments at Paleta Creek. Data collection included the volume counts recorded by the DrEx unit at each recording interval, along with the final total volume contained in the sampling bag. The DrEx pump data were converted to flow using the pump calibration data. The total volume in the sampling bag was determined by pre- and post-deployment weights of the sample bag, with the water volume calculated as the difference between these two weights divided by the density of water.

### 6.4.3.3   Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate reliable composite sample with total volume within 10% of the user specified target. The data were interpreted by calculating the cumulative pumping volume based on the DrEx recorded data, and the total volume based on the pre- and post-deployment weights. The difference between

these volumes was then divided by the actual volume to determine the percent difference, and this was compared to the performance objective.

Results for water sampler operations were evaluated for each of the two survey events (Table 36). For the Jan 5-6, 2016 event, percent differences between the pump estimated volume and the measured volume ranged from 14% to 100% with an overall average of 41%. Large differences were primarily attributable to leaks that developed in the sampling bags after retrieval of the drifters. These leaks resulted in water loss prior to the weighing of the bags for the final volume determinations. In addition, one of the bags inadvertently became disconnected from the sampling tube and so no volume flowed into the bag. Considering only the units that were operational and had no leaks, the percent difference had an average of 14%.

For the Feb 1, 2016 event, percent differences ranged from a low of 1% to a high of 91% with an overall average of 20%. Prior to this event, outer sleeves were added to protect and support the sampling bags. Only one sampling bag developed a leak during this event (DrEx 109). Eliminating this unit from the analysis, the average percent difference was found to be 12%. In general, for operational units with no leaks, the performance of the sampling system provided good agreement with the post-survey volume measurements within the range of about 12-14%. While this is slightly higher than the 10% target, it is still adequate to achieve the sampling requirements for the system.

### 6.4.4    System survivability

### 6.4.4.1    Description

The DrEx units are designed to be deployed in harbor and coastal areas during storm events. Weather conditions during these events are often extreme, with high winds, rainfall, and waves generated by the storms. Debris, obstructions and ship traffic are also have the potential to damage the systems. The cost of performing the surveys can be significantly impacted if a large number of units are lost during the event. For these reasons, system survivability is an important metric for the DrEx systems.

### 6.4.4.2    Data Collection

System survivability data and statistics on successful mission completion, system failures, and lost units during field deployments were collected during the field deployments at Paleta Creek. Data collected included the total number of systems deployed, the number that completed the mission successfully, the mode of system failure for those that didn't, the number of systems damaged during the deployment and the nature of the damage, and the number of systems lost during the deployment and the circumstances of the loss.

### 6.4.4.3    Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate system survivability >80% under field conditions. Two different levels of survivability were evaluated including systems that were successfully retrieved but had significant damage (repair >50% of the system value), and systems that were completely lost or suffered complete loss damage (repair >100% of the system value). The difference between the number of deployed systems and the number of successful systems was divided by the number of deployed

systems to calculate the success rate. The success rate was then compared to the performance objective.

Results for system survivability were evaluated for both survey events. Results are summarized in Table 37. For the Jan 5-6, 2016 event, no drifters were lost or sustained major damage. One drifter (109) failed due to a faulty mounting bracket that caused the magnetic switch to deactivate and shutdown the system. This only required a minor repair. For the Feb 1, 2016 event, no drifters were lost or sustained major damage. One drifter (112) lost its conductivity/temperature sensor. The same drifter also had some saltwater flooding to the pump housing for the water sampler. The total damage was estimated to be less than 25% of the drifter value. Overall, the performance objective for system survivability was met because no drifters were lost or sustained major damage.

**Table 34. Summary of results for DrEx tracking accuracy.**

| Survey Event | Trimble GeoXT | | BadElf GNSS Surveyor | |
| --- | --- | --- | --- | --- |
| | Drifter | 90th Percentile Delta (m) | Drifter | 90th Percentile Delta (m) |
| Jan 5-6, 2016 | All | 4.9 | 107 | 5.5 |
| | | | 110 | 5.4 |
| | | | 113 | 5.4 |
| Jan 31, 2016 | All | 6.4 | 106 | 5.1 |
| | | | 107 | 5.5 |
| | | | 108 | 5.6 |
| | | | 112 | 5.4 |
| | | | 113 | 5.0 |

**Table 35. Summary of results for DrEx communications reliability.**

| Jan 5-6, 2016 Event | | Feb 1, 2016 Event | |
| --- | --- | --- | --- |
| Drifter | Comms Reliability (%) | Drifter | Comms Reliability (%) |
| 106 | 94% | 106 | 100% |
| 107 | 94% | 107 | 96% |
| 108 | 85% | 108 | 97% |
| 109 | NA | 109 | 86% |
| 110 | 79% | 110 | 70% |
| 111 | 59% | 111 | 48% |
| 112 | 76% | 112 | 34% |
| 113 | 66% | 113 | 81% |
| 114 | 84% | 114 | 75% |
| 115 | 91% | 115 | 86% |
| Average | 81% | Average | 77% |

**Table 36. Summary of results for the DrEx water sampler operation.**

| Jan 5-6, 2016 Event | | | | Feb 1, 2016 Event | | | |
|---|---|---|---|---|---|---|---|
| Drifter | Pump Volume (ml) | Measured Volume (ml) | Percent Difference | Drifter | Pump Volume (ml) | Measured Volume (ml) | Percent Difference |
| 106[a] | 5002 | 3750 | 25% | 106 | 3346 | 3050 | 9% |
| 107[a] | 5001 | 2708 | 46% | 107 | 2932 | 2838 | 3% |
| 108 | 5002 | 4318 | 14% | 108 | 2777 | 2994 | 8% |
| 109[b] | NA | NA | NA | 109[a] | 3180 | 302 | 91% |
| 110[a] | 5002 | 2846 | 43% | 110 | 3148 | 3190 | 1% |
| 111[a,d] | 4502 | 2602 | 42% | 111[d] | 2781 | 3044 | 9% |
| 112[a] | 5001 | 3789 | 24% | 112 | 3939 | 4027 | 2% |
| 113 | 5001 | 4239 | 15% | 113 | 3047 | 2310 | 24% |
| 114[a] | 5002 | 2038 | 59% | 114 | 3626 | 2927 | 19% |
| 115[c] | 5002 | 0 | 100% | 115 | 4166 | 2862 | 31% |
| Average | | | 41% | Average | | | 20% |
| Average of intact/operational | | | 14% | Average of intact/operational | | | 12% |

a. Sample bag leaked following retrieval.

b. Drifter was non-operational.

c. Sampling bag was disconnected from sampler.

d. Sampler was inadvertently programmed for 4500 ml instead of 5000 ml.

**Table 37. Summary of results for DrEx system survivability.**

| | Jan 5-6, 2016 Event | | | |
|---|---|---|---|---|
| Drifter | Minor Damge (<50%) | Major Damge (>50%) | Lost (Y/N) | Note |
| 106 | N | N | N | |
| 107 | N | N | N | |
| 108 | N | N | N | |
| 109 | Y | N | N | Faulty electronics mounting bracket |
| 110 | N | N | N | |
| 111 | N | N | N | |
| 112 | N | N | N | |
| 113 | N | N | N | |
| 114 | N | N | N | |
| 115 | N | N | N | |
| Percent of Total | 10% | 0% | 0% | |
| | Feb 1, 2016 Event | | | |
| Drifter | Minor Damge (<50%) | Major Damge (>50%) | Lost | Note |
| 106 | N | N | N | |
| 107 | N | N | N | |
| 108 | N | N | N | |
| 109 | N | N | N | |
| 110 | N | N | N | |
| 111 | N | N | N | |
| 112 | Y | N | N | Lost C/T sensor; Pump flooded |
| 113 | N | N | N | |
| 114 | N | N | N | |
| 115 | N | N | N | |
| Percent of Total | 10% | 0% | 0% | |

## 6.5 Qualitative Performance Objectives – Drifting Exposure System

### 6.5.1    Surface plume tracking effectiveness

#### 6.5.1.1    Description

The DrEx system was designed to provide a method for tracking and sampling the surface plume associated with stormwater discharges. These plumes have complex dynamics associated with the momentum and buoyancy of the plume, and the interaction with ambient tides, currents, winds and waves. The ability of the system to track the plume is important in resolving the plume trajectory under these complex conditions. In addition, the sampling system onboard the DrEx units provides a means of sampling these plumes under real-world conditions. In order for the these samples to be meaningful, the system must maintain contact with the plume as it travels and disperses in the ambient environment.

#### 6.5.1.2    Data Collection

DrEx GPS trajectory data, onboard salinity and temperature sensor data, and survey boat collected plume tracking data (to the extent possible) were collected during the DrEx field deployments at Paleta Creek. GPS data from the DrEx units was recorded onboard each drifter as well as being stored on the web server. The GPS provided information regarding the position of the DrEx unit relative to the plume. Temperature and salinity were recorded onboard each drifter as well using a self-recording temperature/conductivity sensor (model Hobo U24) attached to a bracket on the main hull of the drifter. The temperature and salinity data provided a means of gaging if the drifter was still in the plume based on the differential in temperature and salinity between the incoming stormwater and the ambient water. We also used a hull-mounted water quality meter and a GPS unit on the survey boat to occasionally run transects to determine the location of the plume based on surface water characteristics. All of these measures were expected to be qualitative due to the complex nature of the plume dynamics, and the dissipation of the plume over time following discharge. Because site specific plume data were collected, we did not perform modeling simulations as a verification measure, however it is anticipated that simulations for these events will be conducted in the future as part of SERDP project ER-2428 (results were not available at the time of publication of this report).

#### 6.5.1.3    Interpretation of Data and Extent the Success Criteria Were Met

The goal for this qualitative performance objective was to demonstrate that the DrEx units generally tracked the stormwater plume based on the onboard salinity and temperature signature being consistent with plume characteristics. The data were interpreted based on best professional judgement by evaluating the three lines of evidence described above to determine the extent to which the DrEx unit appeared to track the surface plume of the stormwater following discharge.

For the Jan 5-6, 2016 event, we evaluated plume tracking based on the onboard sensors and vertical profiles collected along axial transects through the plume at three different time points during the storm. Analysis focused on the salinity data because it provided the clearest indicator of the stormwater plume. Onboard sensor data were available for all

ten drifters (including 109 which did not record position data). Salinity data from the onboard sensors indicated that the drifters generally stayed within the plume. Values were generally low and then rose within the first hour of transport. Values then stabilized for the drifters that traveled to the next pier area to the south. For the drifters that stayed within the Paleta Creek pier area, the salinities tended to drop again as the drifters re-entered the area of the creek mouth. These variations were explained based on the plume dynamics and tidal influences. The vertical profile transects also indicated that the drifters generally stayed within the plume.

For the Feb 1, 2016 event, we evaluated plume tracking based on the onboard sensors and surface water mapping conducted at one time point during the storm event. Analysis focused on the salinity data because it provided the clearest indicator of the stormwater plume. Onboard sensor data were available for nine out of ten drifters (drifter 112 sensor was lost). Salinity data from the onboard sensors indicated that the drifters generally stayed within the plume. Values were generally low and then rose gradually over the first 1-3 hours of transport. Values then stabilized for some drifters, but showed variability for. These variations were explained based on the plume dynamics and tidal influences. The surface water mapping transect also indicated that the drifters generally stayed within the plume (Figure 128).

Overall, the performance evaluation for the surface plume tracking effectiveness indicated that the success criteria were met. Multiple lines of evidence during multiple storms of different magnitudes consistently showed that the drifters stayed within the stormwater plume.
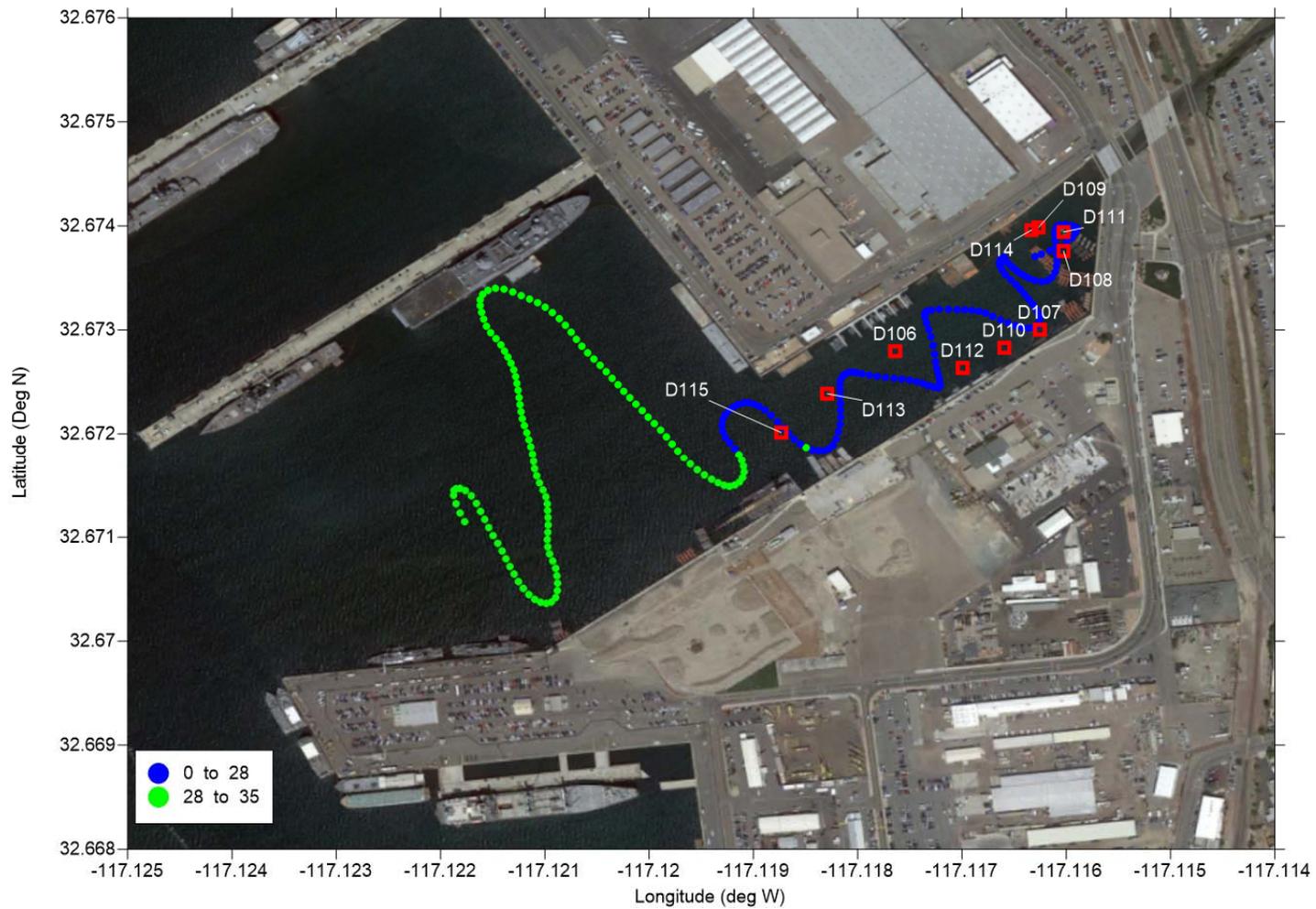
**Figure 128. DrEx drifter locations relative to the stormwater plume surface salinity as mapped during the Feb 1, 2016 storm event.**

## 6.6 Quantitative Performance Objectives – Drifting Particle Simulator System

### 6.6.1    Tracking Accuracy

#### 6.6.1.1   Description

The DPS system utilizes an SBAS-corrected onboard GPS to provide accurate tracking of its location and the trajectory of the stormwater plume. The system uses a 50 channel GPS receiver and records position to 0.000001 degrees of latitude and longitude (0.11 meters). In areas served by one of three SBAS system absolute accuracy is expected to be about 2.0 meters (CEP 50%). Tracking accuracy thus provides a measure of how well the DPS GPS system represents the true location of the unit in the environment and the location of the plume.

#### 6.6.1.2   Data Collection

GPS accuracy data and statistics were collected during field deployments at Pearl Harbor. Data were collected by following the drifters in a small boat a marking their positions with a pole-mounted sub-meter GPS (Trimble Geo-XT).

#### 6.6.1.3   Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate that the tracking accuracy was <5 m for >90% of the deployment period. The data were interpreted by first time-matching the data from the DrEx GPS and the verification GPS. Position differences were then calculated for each verification point. A difference histogram was then developed and the position difference at the 90th percentile of the histogram was used to compare to the performance objective.

For the March12-13, 2016 event at Oscar pier, a total of 62 verification measurements were collected with the Trimble Geo-XT. The 90th percentile difference in the position between the DPS and the Trimble was 3.4 m. For the October 28-29, 2016 event at Waiau, a total of 28 verification measurements were collected with the Trimble Geo-XT. The 90th percentile difference in the position between the DPS and the Trimble was 4.8 m. The results indicate that the success criteria for the DPS tracking accuracy performance objective was met. Results are summarized in Table 38.

### 6.6.2   Communications reliability

#### 6.6.2.1   Description

The DPS system uses the Iridium satellite system to communicate positions and other status and sensor data to the user via the internet. The frequency of this communication is set at five minutes.

#### 6.6.2.2   Data Collection

Telemetry link data and statistics for the DPS were collected during the field deployments at Pearl Harbor. For these deployments, the data transmission interval was about 300 seconds (5 minutes). The telemetry data were sent to and stored on the Pacific Gyre internet server at www.pacificgyre.com. These files were downloaded during the deployment and viewed on the online mapping tool available on the Pacific Gyre website.

At the end of each deployment, the final data file was downloaded from the server, and these data were used to examine the communications reliability.

### 6.6.2.3  Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate reliable position data transmitted for >90% of the deployment period. The data were interpreted by determining the total number of possible data transmissions at the specified data transmission interval for each deployment. The actual number of data transmissions was then determined from the final data files that were downloaded from the server. The transmission success rate was then calculated as the actual transmissions divided by the possible transmissions for comparison to the performance objective.

Results for communications reliability are shown in Table 39. For both DPS survey events, the communications reliability averaged 100%. Thus the success criteria for this performance objective was met.

### 6.6.3  Settling Rate

### 6.6.3.1  Description

The DPS system simulates particle settling using an underwater micro-winch to mimic the settling velocities of particles by automatically adjusting the depth of subsurface drogue relative to the surface float. The winch is programed by the user to pay out line at a user-selectable rate in the range of typical particle settling rates. The winch incrementally pays out the line at this rate, lowering the subsurface drogue while sensing the drogue's depth in the water. Settling rate is thus a key performance parameter for the DPS system, and verification that the programmed rates can be achieved under field conditions is important to the acceptance of the technology.

### 6.6.3.2  Data Collection

Settling rate data were collected from the pressure sensor onboard the DPS units. The pressure sensors are calibrated to output water depth, and are part of the overall data set collected by the micro-winch component of the DPS system. The output also includes a time stamp to allow rate calculations.

### 6.6.3.3  Interpretation of Data and Extent the Success Criteria Were Met

The goal of this performance objective was to demonstrate accurate settling rates within 10% of target rate. The actual settling rate was calculated from the DPS micro winch pressure sensor as the slope of the time versus depth relationship prior to the unit making bottom contact. The percent difference from the target was then calculated by calculating the difference between the two rates, dividing by the target rate, and multiplying by 100%.

Results for the settling rate measurements are shown in Table 40. The target settling rate for both survey events was 34 mm/min. For both events, the average percent difference from the target settling rate was less than 0.0%. Thus the success criteria for the settling rate performance objective was met.

### 6.6.4 System survivability

#### 6.6.4.1 Description

The DPS units are designed to be deployed in harbor and coastal areas where exposure to harsh conditions is likely. The cost of performing the surveys can be significantly impacted if a large number of units are lost during the event. For these reasons, system survivability is an important metric for the DPS systems.

#### 6.6.4.2 Data Collection

System survivability data and statistics on successful mission completion, system failures, and lost units during field deployments were collected during the field deployments at Pearl Harbor. Data collected included the total number of systems deployed, the number that completed the mission successfully, the mode of system failure for those that didn't, the number of systems damaged during the deployment and the nature of the damage, and the number of systems lost during the deployment and the circumstances of the loss.

#### 6.6.4.3 Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate system survivability >80% under field conditions. Two different levels of survivability were evaluated including systems that were successfully retrieved but had significant damage (repair >50% of the system value), and systems that were completely lost or suffered complete loss damage (repair >100% of the system value). The difference between the number of deployed systems and the number of successful systems was divided by the number of deployed systems to calculate the success rate. The success rate was then compared to the performance objective.

Results for system survivability were evaluated for both survey events. Results are summarized in Table 41 and Table 42. For the Mar 12-13, 2016 event, no DPS units were lost, and one DPS unit sustained major damage. The damaged unit (DPS3) resulted from an operator error associated with failing to replace the vent plug on the winch. This resulted in flooding of the winch electronics, requiring a complete rebuild of the winch. System survivability for this event was thus 90%. For the Oct 28-29, 2016 event, no drifters were lost or sustained major or minor damage. System survivability for this event was thus 100%. Overall, the performance objective for system survivability was met.

**Table 38. Summary of results for DPS tracking accuracy.**

| Survey Event | Trimble GeoXT | |
| --- | --- | --- |
| | DPS | 90th Percentile Delta (m) |
| Mar 12-13, 2016 | All | 3.4 |
| Oct 28-29, 2016 | All | 4.8 |

**Table 39. Summary of results for DPS communications reliability.**

| Mar 12-13, 2016 Event | | Oct 28-29, 2016 Event | |
|---|---|---|---|
| DPS | Comms Reliability (%) | DPS | Comms Reliability (%) |
| DPS1-1 | 100% | DPS1-1 | 100% |
| DPS1-2 | 100% | DPS1-2 | 100% |
| DPS1-3 | 100% | DPS1-3 | 100% |
| DPS3-1 | 100% | DPS2-1 | 100% |
| DPS4-1 | 99% | DPS2-3 | 100% |
| DPS4-2 | 100% | DPS3-1 | 100% |
| DPS4-3 | 100% | DPS3-2 | 100% |
| DPS5-1 | 100% | DPS3-3 | 100% |
| DPS5-2 | 100% | DPS4-1 | 100% |
| DPS5-3 | 100% | DPS4-2 | 100% |
| DPS6-1 | 100% | DPS5-1 | 100% |
| DPS7-1 | 100% | DPS5-2 | 100% |
| DPS7-2 | 100% | DPS6-1 | 100% |
| DPS8-1[a] | 100% | DPS6-3 | 100% |
| DPS9-1 | 100% | DPS7-1 | 100% |
| DPS9-2 | 100% | DPS7-2 | 100% |
| DPS10-1 | 100% | DPS8-1 | 100% |
|  |  | DPS8-2 | 100% |
| Average | 100% | Average | 100% |

a. Communications with DPS8 were lost when the float went under water at bottom contact time

**Table 40. Summary of results for DPS settling rate.**

| Mar 12-13, 2016 Event | | Oct 28-29, 2016 Event | |
|---|---|---|---|
| DPS | Settling Rate (% Diff)[a] | DPS | Settling Rate (% Diff)[a] |
| DPS1-1 | 0.0% | DPS1-1 | 0.0% |
| DPS1-2 | 0.0% | DPS1-2 | 0.0% |
| DPS1-3 | 0.0% | DPS1-3 | 0.0% |
| DPS3-1 | 0.0% | DPS2-1 | 0.1% |
| DPS4-1 | 0.0% | DPS2-3 | 0.0% |
| DPS4-2 | 0.0% | DPS3-1 | 0.0% |
| DPS4-3 | 0.0% | DPS3-2 | 0.0% |
| DPS5-1 | 0.0% | DPS3-3 | 0.0% |
| DPS5-2 | 0.0% | DPS4-1 | 0.0% |
| DPS5-3 | 0.0% | DPS4-2 | 0.0% |
| DPS6-1 | 0.0% | DPS5-1 | 0.0% |
| DPS7-1 | 0.0% | DPS5-2 | 0.0% |
| DPS7-2 | 0.0% | DPS6-1 | 0.0% |
| DPS8-1 | 0.0% | DPS6-3 | 0.0% |
| DPS9-1 | 0.0% | DPS7-1 | 0.0% |
| DPS9-2 | 0.0% | DPS7-2 | 0.0% |
| DPS10-1 | 0.0% | DPS8-1 | 0.0% |
| | | DPS8-2 | 0.0% |
| Average | 0.0% | Average | 0.0% |

a. Settling rate calculated as percent difference from target rate of 34 mm/min.

**Table 41. Summary of results for DPS system survivability during the Mar 12-13, 2016 event.**

| | | Mar 12-13, 2016 Event | | |
|---|---|---|---|---|
| DPS Unit | Minor Damge (<50%) | Major Damge (>50%) | Lost (Y/N) | Note |
| DPS1 | N | N | N | |
| DPS2 | N | N | N | Not used |
| DPS3 | N | Y | N | DPS winch flooded due to operator error |
| DPS4 | N | N | N | |
| DPS5 | N | N | N | |
| DPS6 | N | N | N | |
| DPS7 | N | N | N | |
| DPS8 | N | N | N | |
| DPS9 | N | N | N | |
| DPS10 | N | N | N | |
| Percent of Total | 0% | 10% | 0% | |

**Table 42. Summary of results for the DPS system survivability during the Oct 28-29, 2016 event.**

| | | Oct 28-29, 2016 Event | | |
|---|---|---|---|---|
| DPS Unit | Minor Damge (<50%) | Major Damge (>50%) | Lost | Note |
| DPS1 | N | N | N | |
| DPS2 | N | N | N | |
| DPS3 | N | N | N | |
| DPS4 | N | N | N | |
| DPS5 | N | N | N | |
| DPS6 | N | N | N | |
| DPS7 | N | N | N | |
| DPS8 | N | N | N | |
| DPS9 | N | N | N | Not used |
| DPS10 | N | N | N | Not used |
| Percent of Total | 0% | 0% | 0% | |

## 6.7 Qualitative Performance Objectives – Drifting Particle Simulator System

### 6.7.1    Particle plume tracking effectiveness

#### 6.7.1.1   Description

The purpose of the DPS system is to simulate the trajectories of settling particles in complex hydrodynamic environments and identify the spatial footprint of deposition that is linked to a specific discharge or release point. For this reason, the ability of the systems to track a particle plume is a key objective of the technology.

#### 6.7.1.2   Data Collection

Data on plume tracking was originally expected to be collected in the field when the DPS units were released during stormwater discharge events. However, the logistics of releasing the units during events proved to be difficult with limited storm events, long-distance travel to Pearl Harbor and obtaining permission for releases on short notice at the installations. As an alternative, we collected the DPS trajectory data during the field demonstrations in Pearl Harbor, and then compared those results to simulations from the available hydrodynamic model for releases at the same locations under the same conditions.

#### 6.7.1.3   Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to show that DPS units provide a qualitatively similar estimate of particle trajectories and deposition footprints as other available approaches. The hydrodynamic model CH3D or EFDC was used to perform simulations for the two demonstrations and the resulting distributions were compared to the DPS results to determine if there was a qualitative agreement in the patterns of deposition resulting from the two methods.

Results for the comparison between the CH3D modeled deposition pattern, and the DPS bottom contact locations are shown in Figure 129 for the Mar 12-13, 2016 event. The two methods show good agreement, with the DPS bottom contacts generally falling within the areas where the CH3D model showed the majority of deposition associated with silt particle release from Oscar Pier. While the model showed some deposition at distances beyond the observed bottom contact locations, the magnitude of deposition in those areas was generally quite low. Thus the DPS units appear to be in good qualitative agreement with the modeled results. Similar results were found for the Oct 28-29 event (public release of the model results were not available at the time of publication of this report). On the basis of these qualitatively similar results, we concluded that the success criteria for this performance objective was met.
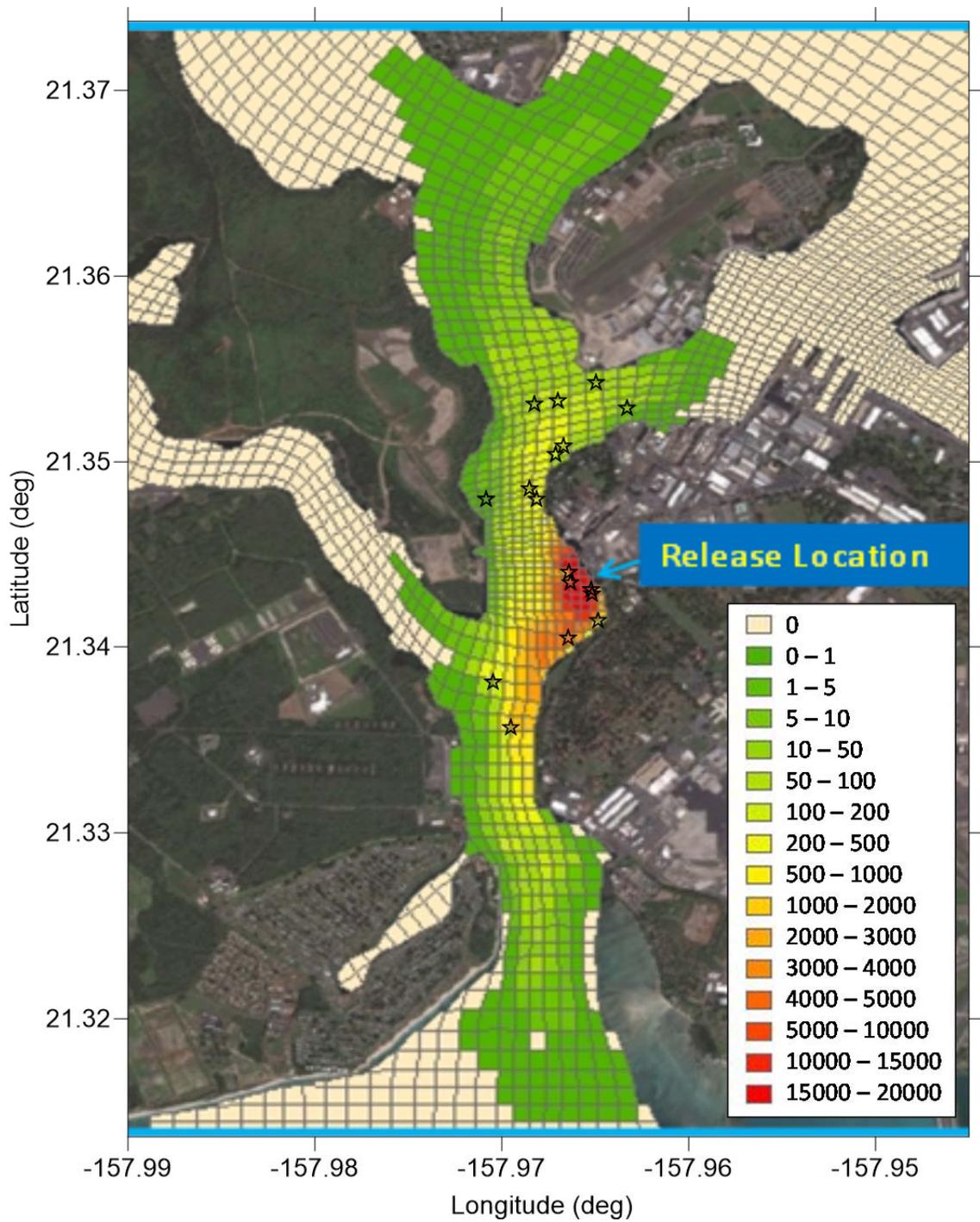
**Figure 129. Comparison of modeled deposition and DPS bottom contact locations for the Mar 12-13 event at Oscar Pier. Model deposition units are in grams.**

## 6.8 Quantitative Performance Objectives – Sediment Deposition Detector

### 6.8.1    Deposition Detection Sensitivity

#### 6.8.1.1    Description

The SeDep uses a precision differential pressure sensor to detect sediment deposition and scour. The application of the system to evaluate event-based deposition related to stormwater or other releases requires a high degree of sensitivity because individual events may be of relatively small magnitude. The detection sensitivity is thus an important metric for the performance of the system.

#### 6.8.1.2    Data Collection

To quantitatively test the sensitivity of the system in the lab, SeDep units were submerged in a test tank and known weights were added to the pressure plate in the form of thin sheets of rubber. Each weight was measured dimensionally and weighed on an independent scale to determine its weight in air and in water. Sensor data were recorded for a period of about 5 minutes to evaluate the variability of the measurement for each weight condition. The slope of the pressure sensor voltage response versus the added weight was also used to calibrate each SeDep system.

#### 6.8.1.3    Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate that the sensitivity of the SeDep was equivalent to <1 mm of sediment deposition. The controlled laboratory data were compiled and evaluated to determine the sensitivity of the system. For each unit, we developed calibration curves to convert voltage into added wet weight using the wet weights calculated for the rubber sheets based on their air weight and volume. Wet weights were also converted to approximate dry weight values for sediment using an estimated density of sediment particles of 2.65 $g/cm^3$, and subsequently to thicknesses using an estimated dry bulk density of 1.3 $g/cm^3$. Standard deviations for each weight measurement were then compiled for wet weight, dry weight and thickness. Detection limits were then calculated from the formula

$$DL = T(0.99, n\text{-}1) \times SD$$

where T(0.99, n-1) is the T statistic and SD is the standard deviation. The resulting detection limits were averaged across the measured weights and then compared to the goal of sensitivity <1 mm.

Results for the laboratory detection limit testing are shown in Table 43. Testing of the original SeDep systems using the Omega sensors showed MDLs for thickness ranging from 0.008 to 0.014 mm with an overall average of 0.012 mm. This level of detection sensitivity was well below the success criteria. However, the sensors were found to have two issues during longer deployments in the field. First, the sensors had a tendency to drift, requiring weight tests before and after the deployment and detrending of the field results. Second, the sensors were found to corrode and several units became inoperable shortly after the first long field deployment. Based on these findings, an improved sensor (Validyne) was identified, tested, and incorporated into the system. Time constraints on the project limited the full integration and application of these new sensors. However

initial lab and field testing indicated that the primary issues with the original sensors were resolved. **Error! Reference source not found.** shows lab sensitivity testing results for one of these units which gave comparable sensitivity to the original sensors while also providing much improved stability and corrosion resistance. Overall, the success criteria for this performance objective was met.

### 6.8.2   Measurement Reliability

### 6.8.2.1   Description

The SeDep collects differential pressure data continuously at a rate of once every two seconds over periods of days to months. Often the goal is to identify trends or specific events. The data are subsequently transformed to sediment weight and thickness, and generally averaged to produce hourly or daily time series data for cumulative sediment deposition. For this reason, measurement reliability is important to assure that the data are sufficient to meet the goals of the study and capture the trends and events of interest.

### 6.8.2.2   Data Collection

Data for measurement reliability were obtained from differential pressure data during the field deployments in Pearl Harbor. These deployments lasted for approximately 42 days, and the data were recorded onboard the SeDep data logger and downloaded at the end of the deployment and used to examine measurement reliability.

### 6.8.2.3   Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate reliable pressure data collected >90% of the deployment period. Data from the SeDep logger were first evaluated for data quality based on best professional judgement, and then compiled for each system. To determine the measurement reliability, the number of acceptable data values was then divided by the total number of data values for the deployment period. This value was then compared to the goal of reliable pressure data collected >90% of the deployment period.

Measurement reliability based on the field deployment in Pearl Harbor are summarized in Table 44. Reliability ranged from 87% to 100% for the ten units, with an overall average of 97%. Reliability less than 100% occurred for three units due to failure of the adhesive that was used to secure the pressure plate membrane. These failures generally occurred near the end of the deployment. The glued membranes have since been replaced with soldered stainless steel membranes to eliminate the problem. On the basis of these results, we concluded that the success criteria for the measurement reliability performance objective was met.

### 6.8.3   System survivability

### 6.8.3.1   Description

The SeDep units are designed to be deployed in harbor and coastal areas where exposure to harsh conditions is likely. The cost of performing the surveys can be significantly impacted if a large number of units are lost during the event. For these reasons, system survivability is an important metric for the SeDep systems.

### 6.8.3.2 Data Collection

System survivability data and statistics on successful mission completion, system failures, and lost units during field deployments were collected during the field deployments at Pearl Harbor. Data collected included the total number of systems deployed, the number that completed the mission successfully, the mode of system failure for those that didn't, the number of systems damaged during the deployment and the nature of the damage, and the number of systems lost during the deployment and the circumstances of the loss.

### 6.8.3.3 Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate system survivability >80% under field conditions. Two different levels of survivability were evaluated including systems that were successfully retrieved but had significant damage (repair >50% of the system value), and systems that were completely lost or suffered complete loss damage (repair >100% of the system value). The difference between the number of deployed systems and the number of successful systems was divided by the number of deployed systems to calculate the success rate. The success rate was then compared to the performance objective.

Results for SeDep system survivability are summarized in Table 45. During and following the Pearl Harbor deployment, two issues occurred that impacted the system survivability performance. During the deployment period, the pressure plate membrane on three of the units (3,7 and 10) failed, leading to a loss of pressure difference signal. This failure was considered minor damage because replacement of the membrane is a relatively small cost as a percentage of the entire system (about 10%). As previously mentioned, the glued polycarbonate membranes were replaced with soldered stainless steel foil so that this problem should not occur in the future. After recovery, the units were tested and post-survey weight calibrations were performed successfully. However, about 5 weeks after the recover, it was discovered that five of the pressure sensors (1,3,4,6, and 9) had failed, apparently due to corrosion that had taken place inside of the sensing element. Based on these failures, combined with the sensor drift issue identified for the Omega sensors, we elected to replace the Omega sensors with an improved sensor from Validyne. To further reduce potential issues with corrosion, we also fully sealed the new sensors in polyurethane. Initial pier-side testing indicates that these improvements have successfully addressed the survivability and stability issues identified during the Pearl Harbor deployment, although long-term deployments are still needed to verify the robustness of the new configuration. Overall, the survivability success metric was not met, however, the issues that were identified have been addressed.

**Table 43. Summary of results for the original SeDep deposition detection sensitivity.**

| SeDep Unit | MDL (mV) | MDL Wet Wt (g) | MDL Dry Wt (g) | MDL Thick (mm) |
|---|---|---|---|---|
| SeDep1 | 1.78 | 0.77 | 0.46 | 0.009 |
| SeDep2 | 2.07 | 1.07 | 0.67 | 0.013 |
| SeDep3 | 1.93 | 0.98 | 0.61 | 0.012 |
| SeDep4 | 2.20 | 1.01 | 0.63 | 0.012 |
| SeDep5 | 1.63 | 0.97 | 0.60 | 0.012 |
| SeDep6 | 3.28 | 1.21 | 0.73 | 0.014 |
| SeDep7 | 2.00 | 1.11 | 0.66 | 0.013 |
| SeDep8 | 2.81 | 0.66 | 0.39 | 0.008 |
| SeDep9 | 1.88 | 0.77 | 0.46 | 0.009 |
| SeDep10 | 1.95 | 1.04 | 0.63 | 0.012 |
| | | | Overall Average | 0.012 |
| SeDep1 Validyne | 1.01 | 0.77 | 0.46 | 0.009 |

**Table 44. Summary of results for SeDep measurement reliability.**

| SeDep Unit | Acceptable Data Values | Total Data Values | Reliability (%) | Notes |
|---|---|---|---|---|
| SeDep1 | 1829103 | 1829103 | 100% | |
| SeDep2 | 1829380 | 1829380 | 100% | |
| SeDep3 | 1611960 | 1829760 | 88% | Failed pressure plate membrance |
| SeDep4 | 1830741 | 1830741 | 100% | |
| SeDep5 | 1830908 | 1830908 | 100% | |
| SeDep6 | 1828694 | 1828694 | 100% | |
| SeDep7 | 1595212 | 1834612 | 87% | Failed pressure plate membrance |
| SeDep8 | 1832391 | 1832391 | 100% | |
| SeDep9 | 1834567 | 1834567 | 100% | |
| SeDep10 | 1691203 | 1831603 | 92% | Failed pressure plate membrance |
| Overall Average | | | 97% | |

**Table 45. Summary of results for SeDep system survivability.**

| SeDep Unit | Minor Damge (<50%) | Major Damge (>50%) | Lost (Y/N) | Note |
|---|---|---|---|---|
| SeDep1 | N | Y | N | Sensor failure post deployment |
| SeDep2 | N | N | N | |
| SeDep3 | N | Y | N | Sensor failure post deployment; membrane failure |
| SeDep4 | N | Y | N | Sensor failure post deployment |
| SeDep5 | N | N | N | |
| SeDep6 | N | Y | N | Sensor failure post deployment |
| SeDep7 | Y | N | N | Membrane failure |
| SeDep8 | N | N | N | |
| SeDep9 | N | Y | N | Sensor failure post deployment |
| SeDep10 | Y | N | N | Membrane failure |
| Percent of Total | 20% | 50% | 0% | |

## 6.9 Qualitative Performance Objectives – Sediment Deposition Detector

### 6.9.1 Ease of installation and retrieval

#### 6.9.1.1 Description

The SeDep system provides a unique capability to monitor a continuous time series of sediment deposition at a fixed location while simultaneously capturing samples for subsequent physical and chemical analysis. A key aspect of the acceptance of the technology is that it be relatively easy to install and retrieve so that a reasonable number of samplers can be used to monitor the area of interest.

#### 6.9.1.2 Data Collection

Data to assess the ease of installation and retrieval was collected based on field logsheets and feedback from the field and dive teams. Data from the logsheets was used to determine the time on station, number of stations per day, and any issues associated with the deployment or retrieval. Feedback from the field and dive teams was used to assess the ease or difficulty of the processes involved in the deployment and retrieval.

#### 6.9.1.3 Interpretation of Data and Extent the Success Criteria Were Met

The goal for this performance objective was to demonstrate the ease of installation and retrieval for the SeDep system, and the ability to install or retrieve a typical system array within a reasonable time period of 1-2 days.

The ease of installation and retrieval was evaluated during the Pearl Harbor demonstration. During the deployment, we monitored time on station and the overall deployment rate. On-station times ranged from 5-30 minutes with an average of about 12 minutes. Including transit times for the boat, the overall deployment rate was about 10 stations in 4 hours or 2.5 stations/hour. The divers reported that the deployments were straightforward and the only difficulties that were encountered were deployment into an area containing coral rubble mixed with sediment that made it difficult to properly embed the SeDep unit into the bottom. Retrieval of the systems was also uneventful. The overall retrieval rate was 10 stations in less than 3 hours for a retrieval rate of about 3.3 stations/hour. Locating the units sometimes took the divers a couple of tries, but all ten units were successfully located and retrieved. Overall, the success criteria for the ease of installation and retrieval performance objective was met.

# 7 COST ASSESSMENT

The focus of the cost assessment element of the demonstration was to develop an understanding of the expected operational costs of the technologies. Considerations for the cost assessment including cost drivers, cost modeling, and the cost based are summarized below.

## 7.1 Cost Drivers

Cost drivers for the application of the technologies following implementation will largely be driven by capital equipment and maintenance costs, labor and overhead costs associated with the field work, logistics costs, consumables, analytical costs associated with the sampling elements, and labor and overhead costs associated with the data analysis and reporting. Based on knowledge of these cost elements, the overall costs of fielding and operating the technologies can be scaled depending on the specific nature and scope of the site and the project. Specific aspects of the cost drivers are described below.

## 7.2 Capital Equipment Costs

Capital costs for the equipment were developed based on data from the acquisition of the commercial prototype systems. These costs may vary in the future depending on evolution of the technology and the level of productions associated with demand for the technology. Estimated equipment costs for the three technologies are summarized below.

### 7.2.1 DrEx Equipment Costs

Commercial versions of the DrEx equipment are available from Brightwaters Instrument Company. Equipment cost estimates were made based on the ten units purchased for the demonstration. Actual costs may vary from these. The primary equipment costs include the drifter unit and the water sampler unit (Table 46). Other required items are a field computer and a field kit. Optional components include various sensors and lights. Incorporation of DGT passive samplers incurs no further costs. Incorporation of SPME samplers is still under development and costs are not available at this time. Other sensors and components can be incorporated for customization, but those costs are not considered here. Typical unit cost for the system as configured for the demonstration was $5650 which included the drifter unit, the water sampler, the field computer, the field kit, and the Hobo temperature/conductivity sensor.

### 7.2.2 DPS Equipment Costs

Commercial versions of the DPS equipment are available from Pacific Gyre, Inc. Equipment cost estimates were made based on the ten units purchased for the demonstration. Actual costs may vary from these. The primary equipment cost is the drifter unit (Table 47). Other required items are a field computer and a field kit. Optional components include various sensors and lights, as well as the smaller shallow water drogues. Other sensors and components can be incorporated for customization, but those costs are not considered here. Typical unit cost for the system as configured for the

demonstration was $9098 which included the drifter, the field computer, the field kit, the LED flasher, and the Hobo temperature/conductivity sensor.

### 7.2.3    SeDep Equipment Costs

Commercial versions of the SeDep equipment are not yet available from a commercial vendor. Equipment cost estimates were made based on the three units constructed after the demonstration that incorporated the improved pressure plate and pressure sensor. Actual costs may vary from these. The primary equipment costs include the pressure plate, the data logger, and the sediment trap (Table 48). Other required items are a field computer and a field kit. Optional components include various sensors. Other sensors and components can be incorporated for customization, but those costs are not considered here. Typical unit cost for the system as configured for the demonstration was $3284 which included the pressure plate, the data logger, the sediment trap, the field computer, the field kit, and the TidBit temperature sensor.

**Table 46. DrEx equipment costs.**

| DrEx Component | Unit Cost | Notes |
|---|---|---|
| Brightwaters Drifter Unit 121 | $    2,200 | Required |
| Brightwaters Water Sampler PAWS 127 | $    2,000 | Required |
| Field Computer | $       500 | Required |
| Field Kit/Tools | $       200 | Required |
| Brightwaters Temperature Sensor | $         75 | Optional |
| Brightwaters Temperature/Conductivity Sensor | $    1,200 | Optional |
| Brightwaters LED light | $       395 | Optional |
| Hobo Temperature/Conductivity Sensor | $       750 | Optional |
| Typical Unit Cost Per Demo Configuration | $    5,650 | |

**Table 47. DPS equipment costs.**

| DrEx Component | Unit Cost | Notes |
|---|---|---|
| Pacific Gyre Sediment Tracker | $    7,538 | Required |
| Field Computer | $       500 | Required |
| Field Kit/Tools | $       200 | Required |
| Shallow Water Drogues | $       695 | Optional |
| Pacific Gyre Surface Temperature Sensor | $       100 | Optional |
| Pacific Gyre LED Solar Flasher | $       110 | Optional |
| Hobo Temperature/Conductivity Sensor | $       750 | Optional |
| Turbidity Sensor | $    1,500 | Optional |
| Typical Unit Cost Per Demo Configuration | $    9,098 | |

**Table 48. SeDep equipment costs.**

| SeDep Component | Unit Cost | Notes |
|---|---|---|
| Pressure Plate With Validyne Sensor | $ 1,583 | Required |
| MadgeTech Logger and Pressure Housing | $ 779 | Required |
| Sediment Trap | $ 89 | Required |
| Field Computer | $ 500 | Required |
| Field Kit/Tools | $ 200 | Required |
| TidBit Temperature Logger | $ 133 | Optional |
| Hobo Temperature/Conductivity Sensor | $ 750 | Optional |
| Turbidity Sensor | $ 1,500 | Optional |
| Typical Unit Cost Per Demo Configuration | $ 3,284 | |

## 7.3 Maintenance Costs

Maintenance costs for the equipment were developed based on experience during the field demonstrations. Maintenance costs encompass both routine servicing of the equipment, as well as repair and replacement associated with normal wear and potential damage and loss in the field. Estimated maintenance costs for the three technologies are summarized below.

### 7.3.1 DrEx Maintenance Costs

Maintenance for the DrEx system encompass both routine servicing of the equipment, as well as repair and replacement associated with normal wear and potential damage and loss in the field. Routine servicing generally includes cleaning, battery changes, limited repairs and storage. Major repair and replacement can include sails, sail rods, antennas, sensors, computer, drifter units, water sampler units, and complete systems. For estimating purposes, we assumed a maintenance rate of 10% of the capital costs per year. This equates to essentially complete replacement of each unit once every 10 years. Not including inflation, the estimated annual maintenance cost per unit is $565.

### 7.3.2 DPS Maintenance Costs

Maintenance for the DrEx system encompass both routine servicing of the equipment, as well as repair and replacement associated with normal wear and potential damage and loss in the field. Routine servicing generally includes cleaning, battery changes, battery charging, limited repairs and storage. Major repair and replacement can include drogue sails, drogue hoops, sensors, computer, drifter units, winch units, and complete systems. For estimating purposes, we assumed a maintenance rate of 10% of the capital costs per year. This equates to essentially complete replacement of each unit once every 10 years. Not including inflation, the estimated annual maintenance cost per unit is $910.

### 7.3.3 SeDep Maintenance Costs

Maintenance for the SeDep system encompass both routine servicing of the equipment, as well as repair and replacement associated with normal wear and potential damage and loss in the field. Routine servicing generally includes cleaning, battery changes, limited repairs and storage. Major repair and replacement can include pressure sensors, pressure

plates, fittings, electronics, cables, and complete systems. For estimating purposes, we assumed a maintenance rate of 10% of the capital costs per year. This equates to essentially complete replacement of each unit once every 10 years. Not including inflation, the estimated annual maintenance cost per unit is $328.

## 7.4 Field Event Costs

Field event costs were developed based on experience during the field demonstrations. Field costs encompass labor costs for planning, mobilization, field operations, demobilization, analysis and reporting, and project management. Non labor costs typically include equipment, material and travel costs. Considerations for field costs for each of the technologies are summarized below.

### 7.4.1    DrEx Field Costs

Field costs for the DrEx system encompass labor costs for planning, mobilization, field operations, demobilization, analysis and reporting, and project management. Planning costs typically include study design, budgeting, contracting, sample plan development, and material orders. These tasks are generally assumed to be carried out by the principal scientist except material orders which are carried out by a technician. Mobilization costs can include equipment checkout, calibration, pre-cleaning, packing and shipping, which are generally carried out by a technician. Field operations include travel and return travel to the site, on-site setup and testing, the DrEx field survey, data downloads and quality control, and sample handling and shipping. These tasks are generally carried out by the field team which requires the principal scientist, 1-2 field technicians, and a boat captain. Demobilization includes post-cleaning, equipment breakdown, packing and shipping, which are carried out by the field team. Data analysis and reporting are generally carried out by the principal scientist. For labor cost estimates, typical burdened rates were assumed to be $125/hr for the principal scientist, $75/hr for the field technician(s), and $75/hr for the boat captain. Labor costs are detailed in the cost modeling below.

Non labor costs for the DrEx system field operations typically include equipment, material and travel costs. Equipment costs include the DrEx units and ancillary equipment rentals, and the boat rental costs. Primary material items for a DrEx field survey include calibration standards, sample tubing, pump tubing, sampling bags/containers, batteries, log books/sheets, boat and vehicle fuel, Iridium satellite services, and DrEx composite sample analyses. There may be a small cost for disposal of investigation derived wastes associated with cleaning and decontamination of equipment. Travel costs generally include airfare, per diem, and vehicles. Costs for non-labor items are included in the cost modeling below.

### 7.4.2    DPS Field Costs

Field costs for the DPS system encompass labor costs for planning, mobilization, field operations, demobilization, analysis and reporting, and project management. Planning costs typically include study design, budgeting, contracting, sample plan development, and material orders. These tasks are generally assumed to be carried out by the principal scientist except material orders which are carried out by a technician. Mobilization costs can include equipment checkout, calibration, packing and shipping, which are generally

carried out by a technician. Field operations include travel and return travel to the site, on-site setup and testing, the DPS field survey, and data downloads and quality control. These tasks are generally carried out by the field team which requires the principal scientist, 1-2 field technicians, and a boat captain. Demobilization includes equipment breakdown, packing and shipping, which are carried out by the field team. Data analysis and reporting are generally carried out by the principal scientist. For labor cost estimates, typical burdened rates were assumed to be $125/hr for the principal scientist, $75/hr for the field technician(s), and $75/hr for the boat captain.

Non labor costs for the DPS system field operations typically include equipment, material and travel costs. Equipment costs include the DPS units and ancillary equipment rentals, and the boat rental costs. Primary material items for a DPS field survey include calibration standards, batteries, log books/sheets, boat and vehicle fuel, and Iridium satellite services. Travel costs generally include airfare, per diem, and vehicles. Costs for non-labor items are included in the cost modeling below.

### 7.4.3    SeDep Field Costs

Field costs for the SeDep system encompass labor costs for planning, mobilization, field operations, demobilization, analysis and reporting, and project management. Planning costs typically include study design, budgeting, contracting, sample plan development, and material orders. These tasks are generally assumed to be carried out by the principal scientist except material orders which are carried out by a technician. Mobilization costs can include equipment checkout, calibration, pre-cleaning, packing and shipping, which are generally carried out by a technician. Field operations include travel and return travel to the site, on-site setup and testing, the SeDep field survey deployments, the SeDep field survey retrievals, data downloads and quality control, and sample handling and shipping. These tasks are generally carried out by the field team which requires the principal scientist, 1-2 field technicians, a boat captain, and a dive team. Demobilization includes post-cleaning, equipment breakdown, packing and shipping, which are carried out by the field team. Data analysis and reporting are generally carried out by the principal scientist. For labor cost estimates, typical burdened rates were assumed to be $125/hr for the principal scientist, $75/hr for the field technician(s), $75/hr for the boat captain, and $100/hr for divers (team of 2).

Non labor costs for the SeDep system field operations typically include equipment, material and travel costs. Equipment costs include the SeDep units and ancillary equipment rentals, boat rental costs, and dive gear rental costs. Primary material items for a SeDep field survey include batteries, log books/sheets, boat and vehicle fuel, Iridium satellite services, and sediment trap and surface sediment sample analyses. There may be a small cost for disposal of investigation derived wastes associated with cleaning and decontamination of equipment. Travel costs generally include airfare, per diem, and vehicles. Costs for non-labor items are included in the cost modeling below.

### 7.5 Cost Model

A cost model was developed for each of the technologies to estimate rental rates that would support capitalization of the equipment. It is expected that capital costs would be amortized over a fairly large number of site evaluations before the purchase of new

equipment would be required, and that these costs would be recouped through equipment rental fees passed on to the customer. These cost models are summarized below for each of the technologies.

### 7.5.1 DrEx Cost Model

The cost model for the DrEx system included the DrEx units and the main ancillary supporting equipment including the field kit, a field computer, and a temperature and conductivity sensor. Capital costs were estimated based on the data compiled in the equipment cost sections above. Future replacement costs were estimated assuming a 4% inflation rate. A range of rental rates were then estimated assuming a 10% annual maintenance rate, 3-15 uses (days) per year, and a 5-10 year service life (Table 49). The model results indicate required rental rates ranging from a low of $58 per day for the high use and long service life scenario, to a high of $497 per day for the low use, short service life scenario. For cost analysis purposes and based on our limited experience with the technology to date, we selected an intermediate rate of $145 per day corresponding to 6 uses per year and a 10 year service life.

### 7.5.2 DPS Cost Model

The cost model for the DPS system included the DPS units and the main ancillary supporting equipment including the field kit, a field computer, and a temperature and conductivity sensor. Capital costs were estimated based on the data compiled in the equipment cost sections above. Future replacement costs were estimated assuming a 4% inflation rate. A range of rental rates were then estimated assuming a 10% annual maintenance rate, 3-15 uses (days) per year, and a 5-10 year service life (Table 50). The model results indicate required rental rates ranging from a low of $93 per day for the high use and long service life scenario, to a high of $800 per day for the low use, short service life scenario. For cost analysis purposes and based on our limited experience with the technology to date, we selected an intermediate rate of $233 per day corresponding to 6 uses per year and a 10 year service life.

### 7.5.3 SeDep Cost Model

The cost model for the SeDep system included the SeDep units and the main ancillary supporting equipment including the field kit, a field computer, and a temperature sensor. Capital costs were estimated based on the data compiled in the equipment cost sections above. Future replacement costs were estimated assuming a 4% inflation rate. A range of rental rates were then estimated assuming a 10% annual maintenance rate, 30-150 uses (days) per year, and a 5-10 year service life (Table 51). The model results indicate required rental rates ranging from a low of $3 per day for the high use and long service life scenario, to a high of $29 per day for the low use, short service life scenario. For cost analysis purposes and based on our limited experience with the technology to date, we selected an intermediate rate of $14 per day corresponding to 60 uses per year and a 5 year service life.

**Table 49. Rental rate cost model for the DrEx system.**

| Estimate of Initial Cost for Capital and Ancillary Equipment | | | |
|---|---|---|---|
| Item | | Initial Cost | |
| DrEx System | | $ | 4,200 |
| Ancillary - Field Computer | | $ | 500 |
| Ancillary - Field Kit | | $ | 200 |
| Ancillary - Hobo C/T | | $ | 750 |
| Total Trident | | $ | 5,650 |
| **Equipment Replacement Cost Estimate** | | | |
| Inflation Rate | 4% | | |
| | Years of Use | | |
| | 0 | 5 | 10 |
| DrEx & Ancillary Replacement | $ 5,650 | $ 6,780 | $ 7,910 |
| **Estimated Rental Rate Including Inflation and Maintenance** | | | |
| Maintenance Rate | 10% | | |
| | | Years of use | |
| | Uses/year | 5 | 10 |
| DrEx & Ancillary | 3 | $ 497 | $ 290 |
| | 6 | $ 249 | $ 145 |
| | 9 | $ 166 | $ 97 |
| | 12 | $ 124 | $ 73 |
| | 15 | $ 99 | $ 58 |
| **Rental Rate for Cost Analysis** | | | |
| DrEx System | | $ | 145 |

**Table 50. Rental rate cost model for the DPS system.**

| Estimate of Initial Cost for Capital and Ancillary Equipment | | |
|---|---|---|
| Item | Initial Cost | |
| DPS System | $ | 7,638 |
| Ancillary - Field Computer | $ | 500 |
| Ancillary - Field Kit | $ | 200 |
| Ancillary - Hobo C/T | $ | 750 |
| Total Trident | $ | 9,088 |
| **Equipment Replacement Cost Estimate** | | |
| Inflation Rate | *4%* | |
| | Years of Use | |
| | 0 | 5 | 10 |
| DPS & Ancillary Replacement | $ 9,088 | $ 10,906 | $ 12,724 |
| **Estimated Rental Rate Including Inflation and Maintenance** | | |
| Maintenance Rate | *10%* | |
| | Years of use | |
| | Uses/year | 5 | 10 |
| DPS & Ancillary | 3 | $ 800 | $ 467 |
| | 6 | $ 400 | $ 233 |
| | 9 | $ 267 | $ 156 |
| | 12 | $ 200 | $ 117 |
| | 15 | $ 160 | $ 93 |
| **Rental Rate for Cost Analysis** | | |
| DPS System | $ | 233 |

**Table 51. Rental rate cost model for the SeDep system.**

| Estimate of Initial Cost for Capital and Ancillary Equipment | | | | |
|---|---|---|---|---|
| Item | | | Initial Cost | |
| SeDep System | | | $ | 2,451 |
| Ancillary - Field Computer | | | $ | 500 |
| Ancillary - Field Kit | | | $ | 200 |
| Ancillary - Hobo TidBit | | | $ | 133 |
| | | Total Trident | $ | 3,284 |
| **Equipment Replacement Cost Estimate** | | | | |
| Inflation Rate | 4% | | | |
| | | Years of Use | | |
| | 0 | 5 | | 10 |
| SeDep & Ancillary Replacement | $    3,284 | $    3,941 | $ | 4,598 |
| **Estimated Rental Rate Including Inflation and Maintenance** | | | | |
| Maintenance Rate | 10% | | | |
| | | Years of use | | |
| | Uses/year | 5 | | 10 |
| SeDep & Ancillary | 30 | $    29 | $ | 17 |
| | 60 | $    14 | $ | 8 |
| | 90 | $    10 | $ | 6 |
| | 120 | $    7 | $ | 4 |
| | 150 | $    6 | $ | 3 |
| **Rental Rate for Cost Analysis** | | | | |
| SeDep System | | | $ | 14 |

## 7.6 Cost Analysis

A cost analysis for each of the technologies was performed based on the assumptions and models summarized in the previous sections. The cost analysis was performed for each of the technologies independently, however it should be recognized that in actual applications they may be combined in various configurations, and that there are likely to be cost efficiencies associated with this in terms of reductions in mobilization and logistical costs. For each system, a range of different scales of application was assessed to provide insight into the potential costs associated with implementation at different sites.

### 7.6.1   DrEx Cost Analysis

The cost analysis for the DrEx system focused on application scenarios in which the system is deployed at one or more stormwater outfalls and used for plume tracking and exposure measurements over short periods of time. We analyzed costs for three application scenarios (Table 52). The small-scale application assumed the release of five DrEx units during first flush at a single outfall and tracking for a period of 12 hours. The mid-scale scenario assumed the release of five DrEx units during first flush at each of two outfalls and tracking for a period of 12 hours. The large-scale scenario assumed the release of five DrEx units during first flush at each of five outfalls and tracking for a period of 12 hours. All scenarios assumed samples would be collected for each unit that was released and that samples would be analyzed for TSS, metals and organics. All events included temperature and conductivity sensors as well.

Results for the cost analysis are shown in Table 53 – Table 55. Overall application costs ranged from a low of $42089 for the small-scale application (one outfall) to $125466 for the large-scale application (five outfalls). There is some efficiency of scale as the costs of large applications are lower than just a linear scaling based on the number of outfalls. This appears to results from improved efficiencies in the labor costs for most categories (Figure 130). A significant cost driver for scale up is the analytical costs associated with the DrEx composite sample analysis. Overall, the largest components of the application cost tend to be the field operations and materials costs (15-30%), followed by planning and analysis and reporting costs (10-15%).

**Table 52. Scaling parameters for the three DrEx application scenarios.**

| Cost Parameter | Small Scale | Mid Scale | Large Scale |
|---|---|---|---|
| Outfalls | 1 | 2 | 5 |
| DrEx Units (per outfall) | 5 | 5 | 5 |
| Tracking Period (hours) | 12 | 12 | 12 |
| DrEx Composite Samples[1] | 6 | 12 | 30 |
| Sample Analytes | TSS, Metals, Organics | TSS, Metals, Organics | TSS, Metals, Organics |
| Sensors | Conductivity, Temperature | Conductivity, Temperature | Conductivity, Temperature |

1. Includes 20% QC samples

## Table 53. Cost analysis for the small-scale DrEx application.

| Cost Category | Sub Category | Rate | Units | Days | Cost | Details |
|---|---|---|---|---|---|---|
| Labor Costs | | Rate | Units | Days | Cost | |
| Planning | Preliminary study design | 1000 | | 0.5 | 500 | Principal |
| | Preliminary budget | 1000 | | 0.5 | 500 | Principal |
| | Final budget | 1000 | | 1 | 1000 | Principal |
| | Contract Agreement | 1000 | | 1 | 1000 | Principal |
| | Sampling Plan | 1000 | | 2 | 2000 | Principal |
| | Material Orders | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 5600 | |
| Mobilization Costs | Equipment checkout | 600 | | 0.5 | 300 | Technician |
| | Calibration | 600 | | 0.25 | 150 | Technician |
| | Pre-clean | 600 | | 0.25 | 150 | Technician |
| | Packing | 600 | | 1 | 600 | Technician |
| | Shipping | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 1800 | |
| Field Operating Costs | Travel and return travel | 1600 | | 2 | 3200 | 1 PI & 1 Tech |
| | On-site setup/testing | 1600 | | 1 | 1600 | 1 PI & 1 Tech |
| | DrEx field survey | 2200 | | 2 | 4400 | 1 Capt, 1 PI & 1 Tech |
| | Data downloads | 1600 | | 0.5 | 800 | 1 PI & 1 Tech |
| | Sample handling and shipping | 1600 | | 0.5 | 800 | 1 PI & 1 Tech |
| Sub-total | | | | | 10800 | |
| Demobilization Costs | Post-clean | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| | Breakdown | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| | Packing | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| | Shipping | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| Sub-total | | | | | 1600 | |
| Analysis and Reporting | Post-survey data analysis | 1000 | | 3 | 3000 | Principal |
| | Reporting | 1000 | | 3 | 3000 | Principal |
| Sub-total | | | | | 6000 | |
| Project Management | | 1000 | | 2.2 | 2200 | @ 10% of labor days |
| | | | | | | |
| **Total Labor Costs** | | | | | **28000** | |
| | | | | | | |
| Non-Labor Costs | | Rate | Units | Days | Cost | |
| Equipment Costs | DrEx + Ancillary | 145 | 10 | | 1450 | 5 units, 2 days |
| | Boat rental | 500 | 2 | | 1000 | 2 days |
| Sub-total | | | | | 2450 | |
| Materials Costs | Calibration standards | 25 | 2 | | 50 | For C/T sensor |
| | Sample tubing | 10 | 5 | | 50 | 1/8 teflon |
| | Pump tubing | 8 | 5 | | 40 | Per Brightwaters |
| | Sampling bags/containers | 18 | 5 | | 90 | 5 liter Tedlar |
| | Batteries | 65 | 5 | | 325 | For drifters |
| | Log books/sheets | 7 | 1 | | 7 | |
| | Fuel | 3.5 | 25 | | 88 | For boats and vehicles |
| | Irridium services | 54 | 5 | | 272 | 40 monthly, 0.10/mess, 5 -min |
| | DrEx composite samples | 800 | 6 | | 4800 | TSS, metals and organics |
| | Other Misc Supplies | 300 | 1 | | 300 | |
| Sub-total | | | | | 6022 | |
| Indirect Activity Costs | IDW Disposal | 100 | 1 | | 100 | Decon and cleaning water |
| Sub-total | | | | | 100 | |
| Travel Costs | Airfare | 500 | 2 | | 1000 | 2 Roundtrip |
| | Per diem | 200 | 4 | | 800 | |
| | Truck/Van | 150 | 4 | | 600 | |
| Sub-total | | | | | 2400 | |
| | | | | | | |
| **Total non-labor cost** | | | | | **10972** | |
| | | | | | | |
| **Project Sub-total** | | | | | **38972** | |
| **Fee/Markup @ 8%** | | | | | **3118** | |
| **Project Total** | | | | | **42089** | |

**Table 54. Cost analysis for the mid-scale DrEx application.**

| Cost Category | Sub Category | DrEx Rates and Units | | | | Details |
|---|---|---|---|---|---|---|
| Labor Costs | | Rate | Units | Days | Cost | |
| Planning | Preliminary study design | 1000 | | 1 | 1000 | Principal |
| | Preliminary budget | 1000 | | 1 | 1000 | Principal |
| | Final budget | 1000 | | 2 | 2000 | Principal |
| | Contract Agreement | 1000 | | 2 | 2000 | Principal |
| | Sampling Plan | 1000 | | 3 | 3000 | Principal |
| | Material Orders | 600 | | 2 | 1200 | Technician |
| Sub-total | | | | | 10200 | |
| Mobilization Costs | Equipment checkout | 600 | | 1 | 600 | Technician |
| | Calibration | 600 | | 0.5 | 300 | Technician |
| | Pre-clean | 600 | | 0.5 | 300 | Technician |
| | Packing | 600 | | 2 | 1200 | Technician |
| | Shipping | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 3000 | |
| Field Operating Costs | Travel and return travel | 2200 | | 2 | 4400 | 1 PI & 2 Tech |
| | On-site setup/testing | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| | DrEx field survey | 2800 | | 2 | 5600 | 1 Capt, 1 PI & 2 Tech |
| | Data downloads | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Sample handling and shipping | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| Sub-total | | | | | 15500 | |
| Demobilization Costs | Post-clean | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Breakdown | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Packing | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Shipping | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| Sub-total | | | | | 4400 | |
| Analysis and Reporting | Post-survey data analysis | 1000 | | 5 | 5000 | Principal |
| | Reporting | 1000 | | 5 | 5000 | Principal |
| Sub-total | | | | | 10000 | |
| Project Management | | 1000 | | 3.45 | 3450 | @ 10% of labor days |
| | | | | | | |
| **Total Labor Costs** | | | | | 46550 | |
| | | | | | | |
| Non-Labor Costs | | Rate | Units | Days | Cost | |
| Equipment Costs | DrEx + Ancillary | 145 | 20 | | 2900 | Current per day charge by GSI |
| | Boat rental | 500 | 2 | | 1000 | Current per day charge by GSI |
| Sub-total | | | | | 3900 | |
| Materials Costs | Calibration standards | 25 | 2 | | 50 | For C/T sensor |
| | Sample tubing | 10 | 10 | | 100 | 1/8 teflon |
| | Pump tubing | 8 | 10 | | 80 | Per Brightwaters |
| | Sampling bags/containers | 18 | 10 | | 180 | 5 liter Tedlar |
| | Batteries | 65 | 10 | | 650 | For drifters |
| | Log books/sheets | 7 | 1 | | 7 | |
| | Fuel | 3.5 | 40 | | 140 | For boats and vehicles |
| | Irridium services | 54 | 10 | | 544 | 40 monthly, 0.10/mess, 5-min |
| | DrEx composite samples | 800 | 12 | | 9600 | TSS, metals and organics |
| | Other Misc Supplies | 500 | 1 | | 500 | |
| Sub-total | | | | | 11851 | |
| Indirect Activity Costs | IDW Disposal | 100 | 1 | | 100 | Decon and cleaning water |
| Sub-total | | | | | 100 | |
| Travel Costs | Airfare | 500 | 3 | | 1500 | 3 Roundtrip |
| | Per diem | 200 | 12 | | 2400 | 4 days, 3 people |
| | Truck/Van | 150 | 4 | | 600 | 4 days |
| Sub-total | | | | | 4500 | |
| | | | | | | |
| **Total non-labor cost** | | | | | 20351 | |
| | | | | | | |
| **Project Sub-total** | | | | | 66901 | |
| **Fee/Markup @ 8%** | | | | | 5352 | |
| **Project Total** | | | | | 72253 | |

**Table 55. Cost analysis for the mid-scale DrEx application.**

| Cost Category | Sub Category | DrEx Rates and Units | | | | Details |
|---|---|---|---|---|---|---|
| Labor Costs | | Rate | Units | Days | Cost | |
| Planning | Preliminary study design | 1000 | | 2 | 2000 | Principal |
| | Preliminary budget | 1000 | | 2 | 2000 | Principal |
| | Final budget | 1000 | | 2 | 2000 | Principal |
| | Contract Agreement | 1000 | | 3 | 3000 | Principal |
| | Sampling Plan | 1000 | | 4 | 4000 | Principal |
| | Material Orders | 600 | | 2 | 1200 | Technician |
| Sub-total | | | | | 14200 | |
| Mobilization Costs | Equipment checkout | 600 | | 1 | 600 | Technician |
| | Calibration | 600 | | 0.5 | 300 | Technician |
| | Pre-clean | 600 | | 0.5 | 300 | Technician |
| | Packing | 600 | | 2 | 1200 | Technician |
| | Shipping | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 3000 | |
| Field Operating Costs | Travel and return travel | 2200 | | 2 | 4400 | 1 PI & 2 Tech |
| | On-site setup/testing | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| | DrEx field survey | 2800 | | 5 | 14000 | 1 Capt, 1 PI & 2 Tech |
| | Data downloads | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| | Sample handling and shipping | 2200 | | 2 | 4400 | 1 PI & 2 Tech |
| Sub-total | | | | | 27200 | |
| Demobilization Costs | Post-clean | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Breakdown | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Packing | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Shipping | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| Sub-total | | | | | 4400 | |
| Analysis and Reporting | Post-survey data analysis | 1000 | | 10 | 10000 | Principal |
| | Reporting | 1000 | | 10 | 10000 | Principal |
| Sub-total | | | | | 20000 | |
| Project Management | | 1000 | | 5.3 | 5300 | @ 10% of labor days |
| | | | | | | |
| **Total Labor Costs** | | | | | **74100** | |
| | | | | | | |
| Non-Labor Costs | | Rate | Units | Days | Cost | |
| Equipment Costs | DrEx + Ancillary | 145 | 20 | | 2900 | Current per day charge by GSI |
| | Boat rental | 500 | 5 | | 2500 | Current per day charge by GSI |
| Sub-total | | | | | 5400 | |
| Materials Costs | Calibration standards | 25 | 2 | | 50 | For C/T sensor |
| | Sample tubing | 10 | 25 | | 250 | 1/8 teflon |
| | Pump tubing | 8 | 25 | | 200 | Per Brightwaters |
| | Sampling bags/containers | 18 | 25 | | 450 | 5 liter Tedlar |
| | Batteries | 65 | 25 | | 1625 | For drifters |
| | Log books/sheets | 7 | 1 | | 7 | |
| | Fuel | 3.5 | 80 | | 280 | For boats and vehicles |
| | Irridium services | 54 | 25 | | 1360 | 40 monthly, 0.10/mess, 5-min |
| | DrEx composite samples | 800 | 30 | | 24000 | TSS, metals and organics |
| | Other Misc Supplies | 1500 | 1 | | 1500 | |
| Sub-total | | | | | 29722 | |
| Indirect Activity Costs | IDW Disposal | 100 | 2 | | 200 | Decon and cleaning water |
| Sub-total | | | | | 200 | |
| Travel Costs | Airfare | 500 | 3 | | 1500 | 3 Roundtrip |
| | Per diem | 200 | 21 | | 4200 | 7 days, 3 people |
| | Truck/Van | 150 | 7 | | 1050 | |
| Sub-total | | | | | 6750 | |
| | | | | | | |
| **Total non-labor cost** | | | | | **42072** | |
| | | | | | | |
| **Project Sub-total** | | | | | **116172** | |
| **Fee/Markup @ 8%** | | | | | **9294** | |
| **Project Total** | | | | | **125466** | |
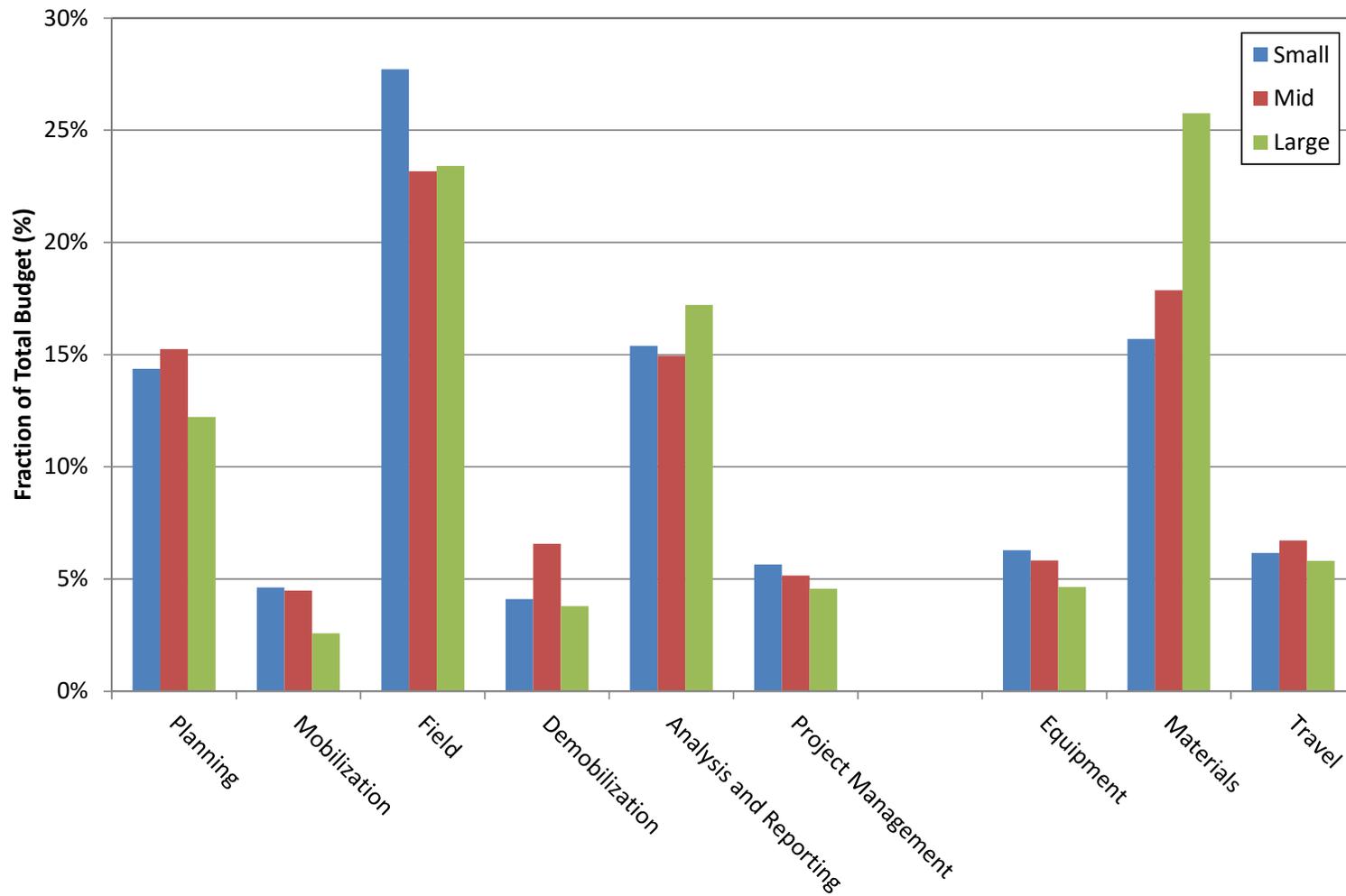
**Figure 130. Cost element fraction of the total application budgets for DrEx technology at three scales.**

## 7.6.2 DPS Cost Analysis

The cost analysis for the DPS system focused on application scenarios in which the system is deployed at one or more stormwater outfalls and used for determining the associated deposition footprint that is connectivity with the outfall(s) over typical tidal or other relevant short-term periods of variability. We analyzed costs for three application scenarios (Table 56). The small-scale application assumed the release of five DPS units at a single outfall location repeatedly through an entire 24-hour tidal cycle period. The mid-scale application assumed the release of five DPS units at each of two outfall locations repeatedly through an entire 24-hour tidal cycle period. The large-scale application assumed the release of five DPS units at each of five outfall locations repeatedly through an entire 24-hour tidal cycle period. All scenarios included temperature and conductivity sensors as well.

Results for the cost analysis are shown in Table 57 – Table 59. Overall application costs ranged from a low of $36995 for the small-scale application (one outfall) to $115935 for the large-scale application (five outfalls). There is some efficiency of scale as the costs of large applications are lower than just a linear scaling based on the number of outfalls. This appears to results from improved efficiencies in the labor costs for most categories. A significant cost driver for scale up is the equipment costs associated with the higher use of DPS units and their relatively high rental rates (Figure 131). Overall, the largest component of the application cost tends to be the field operations (25-30%), followed by planning costs, analysis and reporting costs and equipment costs (10-20%).

**Table 56. Scaling parameters for the three DPS application scenarios.**

| Cost Parameter | Small Scale | Mid Scale | Large Scale |
|---|---|---|---|
| Outfalls | 1 | 2 | 5 |
| DPS Units (per outfall) | 5 | 5 | 5 |
| Tracking Period (hours) | 24 | 24 | 24 |
| Sensors | Conductivity, Temperature | Conductivity, Temperature | Conductivity, Temperature |

**Table 57. Cost analysis for the small-scale DPS application.**

| Cost Category | Sub Category | DPS Rates and Units | | | | Details |
|---|---|---|---|---|---|---|
| Labor Costs | | Rate | Units | Days | Cost | |
| Planning | Preliminary study design | 1000 | | 0.5 | 500 | Principal |
| | Preliminary budget | 1000 | | 0.5 | 500 | Principal |
| | Final budget | 1000 | | 1 | 1000 | Principal |
| | Contract Agreement | 1000 | | 1 | 1000 | Principal |
| | Sampling Plan | 1000 | | 2 | 2000 | Principal |
| | Material Orders | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 5600 | |
| Mobilization Costs | Equipment checkout | 600 | | 0.5 | 300 | Technician |
| | Calibration | 600 | | 0.25 | 150 | Technician |
| | Packing | 600 | | 1 | 600 | Technician |
| | Shipping | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 1650 | |
| Field Operating Costs | Travel and return travel | 1600 | | 2 | 3200 | 1 PI & 1 Tech |
| | On-site setup/testing | 1600 | | 1 | 1600 | 1 PI & 1 Tech |
| | DPS field survey | 2200 | | 2 | 4400 | 1 Capt, 1 PI & 1 Tech |
| | Data downloads | 1600 | | 0.5 | 800 | 1 PI & 1 Tech |
| Sub-total | | | | | 10000 | |
| Demobilization Costs | Breakdown | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| | Packing | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| | Shipping | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| Sub-total | | | | | 1200 | |
| Analysis and Reporting | Post-survey data analysis | 1000 | | 3 | 3000 | Principal |
| | Reporting | 1000 | | 3 | 3000 | Principal |
| Sub-total | | | | | 6000 | |
| Project Management | | 1000 | | 2.1 | 2100 | @ 10% of labor days |
| | | | | | | |
| **Total Labor Costs** | | | | | **26550** | |
| | | | | | | |
| Non-Labor Costs | | Rate | Units | Days | Cost | |
| Equipment Costs | DPS + Ancillary | 233 | 10 | | 2330 | 5 units, 2 days |
| | Boat rental | 500 | 2 | | 1000 | 2 days |
| Sub-total | | | | | 3330 | |
| Materials Costs | Calibration standards | 25 | 2 | | 50 | For C/T sensor |
| | Batteries | 80 | 5 | | 400 | For drifters |
| | Log books/sheets | 7 | 1 | | 7 | |
| | Fuel | 3.5 | 25 | | 88 | For boats and vehicles |
| | Irridium services | 66 | 5 | | 330 | 30 monthly, 0.125 mess, 5 -min |
| | Other Misc Supplies | 300 | 1 | | 300 | |
| Sub-total | | | | | 1175 | |
| Travel Costs | Airfare | 500 | 2 | | 1000 | 2 Roundtrip |
| | Per diem | 200 | 8 | | 1600 | 2 people, 4 days |
| | Truck/Van | 150 | 4 | | 600 | 4 days |
| Sub-total | | | | | 3200 | |
| | | | | | | |
| **Total non-labor cost** | | | | | **7705** | |
| | | | | | | |
| **Project Sub-total** | | | | | **34255** | |
| **Fee/Markup @ 8%** | | | | | **2740** | |
| **Project Total** | | | | | **36995** | |

**Table 58. Cost analysis for the mid-scale DPS application.**

| Cost Category | Sub Category | DPS Rates and Units | | | | Details |
|---|---|---|---|---|---|---|
| Labor Costs | | Rate | Units | Days | Cost | |
| Planning | Preliminary study design | 1000 | | 1 | 1000 | Principal |
| | Preliminary budget | 1000 | | 1 | 1000 | Principal |
| | Final budget | 1000 | | 2 | 2000 | Principal |
| | Contract Agreement | 1000 | | 2 | 2000 | Principal |
| | Sampling Plan | 1000 | | 3 | 3000 | Principal |
| | Material Orders | 600 | | 2 | 1200 | Technician |
| Sub-total | | | | | 10200 | |
| Mobilization Costs | Equipment checkout | 600 | | 1 | 600 | Technician |
| | Calibration | 600 | | 0.5 | 300 | Technician |
| | Packing | 600 | | 2 | 1200 | Technician |
| | Shipping | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 2700 | |
| Field Operating Costs | Travel and return travel | 2200 | | 2 | 4400 | 1 PI & 2 Tech |
| | On-site setup/testing | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| | DPS field survey | 2800 | | 2 | 5600 | 1 Capt, 1 PI & 2 Tech |
| | Data downloads | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| Sub-total | | | | | 13300 | |
| Demobilization Costs | Breakdown | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Packing | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Shipping | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| Sub-total | | | | | 3300 | |
| Analysis and Reporting | Post-survey data analysis | 1000 | | 5 | 5000 | Principal |
| | Reporting | 1000 | | 5 | 5000 | Principal |
| Sub-total | | | | | 10000 | |
| Project Management | | 1000 | | 3.25 | 3250 | @ 10% of labor days |
| | | | | | | |
| **Total Labor Costs** | | | | | **42750** | |
| | | | | | | |
| Non-Labor Costs | | Rate | Units | Days | Cost | |
| Equipment Costs | DrEx + Ancillary | 233 | 20 | | 4660 | 10 units, 2 days |
| | Boat rental | 500 | 2 | | 1000 | 2 days |
| Sub-total | | | | | 5660 | |
| Materials Costs | Calibration standards | 25 | 2 | | 50 | For C/T sensor |
| | Batteries | 80 | 5 | | 400 | For drifters |
| | Log books/sheets | 7 | 1 | | 7 | |
| | Fuel | 3.5 | 40 | | 140 | For boats and vehicles |
| | Irridium services | 66 | 10 | | 660 | 30 monthly, 0.125 mess, 5 -min |
| | Other Misc Supplies | 500 | 1 | | 500 | |
| Sub-total | | | | | 1757 | |
| Travel Costs | Airfare | 500 | 3 | | 1500 | 3 Roundtrip |
| | Per diem | 200 | 12 | | 2400 | 4 days, 3 people |
| | Truck/Van | 150 | 4 | | 600 | 4 days |
| Sub-total | | | | | 4500 | |
| | | | | | | |
| **Total non-labor cost** | | | | | **11917** | |
| | | | | | | |
| **Project Sub-total** | | | | | **54667** | |
| **Fee/Markup @ 8%** | | | | | **4373** | |
| **Project Total** | | | | | **59040** | |

**Table 59. Cost analysis for the large-scale DPS application.**

| Cost Category | Sub Category | DPS Rates and Units | | | | Details |
|---|---|---|---|---|---|---|
| Labor Costs | | Rate | Units | Days | Cost | |
| Planning | Preliminary study design | 1000 | | 2 | 2000 | Principal |
| | Preliminary budget | 1000 | | 2 | 2000 | Principal |
| | Final budget | 1000 | | 2 | 2000 | Principal |
| | Contract Agreement | 1000 | | 3 | 3000 | Principal |
| | Sampling Plan | 1000 | | 4 | 4000 | Principal |
| | Material Orders | 600 | | 2 | 1200 | Technician |
| Sub-total | | | | | 14200 | |
| Mobilization Costs | Equipment checkout | 600 | | 1 | 600 | Technician |
| | Calibration | 600 | | 0.5 | 300 | Technician |
| | Packing | 600 | | 2 | 1200 | Technician |
| | Shipping | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 2700 | |
| Field Operating Costs | Travel and return travel | 2200 | | 2 | 4400 | 1 PI & 2 Tech |
| | On-site setup/testing | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| | DPS field survey | 2800 | | 7 | 19600 | 1 Capt, 1 PI & 2 Tech |
| | Data downloads | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| Sub-total | | | | | 28400 | |
| Demobilization Costs | Breakdown | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Packing | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Shipping | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| Sub-total | | | | | 3300 | |
| Analysis and Reporting | Post-survey data analysis | 1000 | | 10 | 10000 | Principal |
| | Reporting | 1000 | | 10 | 10000 | Principal |
| Sub-total | | | | | 20000 | |
| Project Management | | 1000 | | 5.2 | 5200 | @ 10% of labor days |
| | | | | | | |
| **Total Labor Costs** | | | | | **73800** | |
| | | | | | | |
| Non-Labor Costs | | Rate | Units | Days | Cost | |
| Equipment Costs | DrEx + Ancillary | 233 | 70 | | 16310 | 10 units, 7 days |
| | Boat rental | 500 | 7 | | 3500 | 2 days |
| Sub-total | | | | | 19810 | |
| Materials Costs | Calibration standards | 25 | 2 | | 50 | For C/T sensor |
| | Batteries | 80 | 25 | | 2000 | For drifters |
| | Log books/sheets | 7 | 1 | | 7 | |
| | Fuel | 3.5 | 80 | | 280 | For boats and vehicles |
| | Irridium services | 66 | 25 | | 1650 | 30 monthly, 0.125 mess, 5 -min |
| | Other Misc Supplies | 1500 | 1 | | 1500 | |
| Sub-total | | | | | 5487 | |
| Travel Costs | Airfare | 500 | 3 | | 1500 | 3 Roundtrip |
| | Per diem | 200 | 27 | | 5400 | 9 days, 3 people |
| | Truck/Van | 150 | 9 | | 1350 | 4 days |
| Sub-total | | | | | 8250 | |
| | | | | | | |
| **Total non-labor cost** | | | | | **33547** | |
| | | | | | | |
| **Project Sub-total** | | | | | **107347** | |
| **Fee/Markup @ 8%** | | | | | **8588** | |
| **Project Total** | | | | | **115935** | |
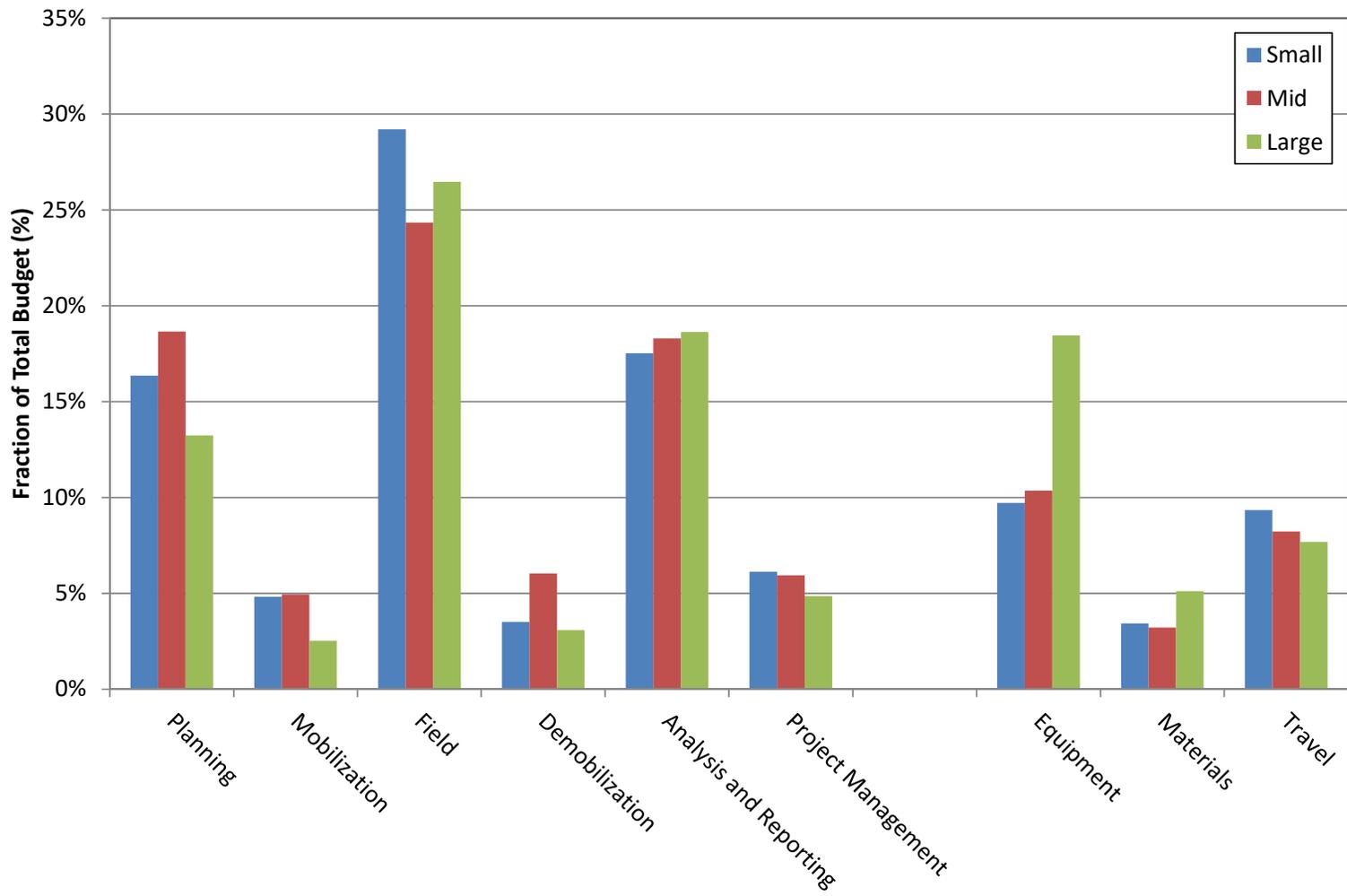
**Figure 131. Cost element fraction of the total application budgets for DPS technology at three scales.**

### 7.6.3    SeDep Cost Analysis

The cost analysis for the SeDep system focused on application scenarios in which the system is deployed at one or more stormwater outfalls and used for determining the associated deposition rates, mass loading, and chemical loading associated with particle deposition in the area.  We analyzed costs for three application scenarios (Table 60). The small-scale application assumed the deployment and retrieval of five SeDep units at a single outfall location over a 30 day period. The mid-scale application assumed the deployment and retrieval of five SeDep units at each of two outfall locations over a 30 day period. The large-scale application assumed the deployment and retrieval of five SeDep units at each of five outfall locations over a 30 day period.  All scenarios included sediment trap samples, surface sediment samples, and temperature sensors.

Results for the cost analysis are shown in Table 61 – Table 63. Overall application costs ranged from a low of \$58422 for the small-scale application (one outfall) to \$211909 for the large-scale application (five outfalls). Overall, the largest component of the application cost tends to be the field operations (30-35%), followed by material costs (20-25%). The relatively high field costs are driven by requirements for diver deployment and recovery of the equipment, while the material costs are driven primarily by analytical costs for the sediment trap and surface sediment samples(Figure 132).

**Table 60. Scaling parameters for the three DPS application scenarios.**

| Cost Parameter | Small Scale | Mid Scale | Large Scale |
|---|---|---|---|
| Outfalls | 1 | 2 | 5 |
| SeDep Units (per outfall) | 5 | 5 | 5 |
| Monitoring Period (days) | 30 | 30 | 30 |
| Trap and Sed Samples[1] | 12 | 24 | 60 |
| Sample Analytes | TOC, Metals, Organics | TOC, Metals, Organics | TOC, Metals, Organics |
| Sensors | Temperature | Temperature | Temperature |

1. Includes 20% QC samples

**Table 61. Cost analysis for the small-scale SeDep application.**

| Cost Category | Sub Category | Rate | Units | Days | Cost | Details |
|---|---|---|---|---|---|---|
| Labor Costs | | Rate | Units | Days | Cost | |
| Planning | Preliminary study design | 1000 | | 0.5 | 500 | Principal |
| | Preliminary budget | 1000 | | 0.5 | 500 | Principal |
| | Final budget | 1000 | | 1 | 1000 | Principal |
| | Contract Agreement | 1000 | | 1 | 1000 | Principal |
| | Sampling Plan | 1000 | | 2 | 2000 | Principal |
| | Material Orders | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 5600 | |
| Mobilization Costs | Equipment checkout | 600 | | 0.5 | 300 | Technician |
| | Calibration | 600 | | 1 | 600 | Technician |
| | Pre-clean | 600 | | 0.25 | 150 | Technician |
| | Packing | 600 | | 1 | 600 | Technician |
| | Shipping | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 2250 | |
| Field Operating Costs | Travel and return travel | 1600 | | 4 | 6400 | 1 PI & 1 Tech |
| | On-site setup/testing | 1600 | | 1 | 1600 | 1 PI & 1 Tech |
| | SeDep field survey - deploy | 3800 | | 1 | 3800 | 1 Capt, 1 PI, 1 Tech, 2 Dive |
| | SeDep field survey - retrieve | 3800 | | 1 | 3800 | 1 Capt, 1 PI, 1 Tech, 2 Dive |
| | Data downloads | 1600 | | 0.5 | 800 | 1 PI & 1 Tech |
| | Sample handling and shipping | 1600 | | 0.5 | 800 | 1 PI & 1 Tech |
| Sub-total | | | | | 17200 | |
| Demobilization Costs | Post-clean | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| | Breakdown | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| | Packing | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| | Shipping | 1600 | | 0.25 | 400 | 1 PI & 1 Tech |
| Sub-total | | | | | 1600 | |
| Analysis and Reporting | Post-survey data analysis | 1000 | | 3 | 3000 | Principal |
| | Reporting | 1000 | | 3 | 3000 | Principal |
| Sub-total | | | | | 6000 | |
| Project Management | | 1000 | | 2.475 | 2475 | @ 10% of labor days |
| | | | | | | |
| **Total Labor Costs** | | | | | **35125** | |
| | | | | | | |
| Non-Labor Costs | | Rate | Units | Days | Cost | |
| Equipment Costs | SeDep + Ancillary | 14 | 150 | | 2100 | 5 units, 30 days |
| | Boat rental | 500 | 2 | | 1000 | 2 days |
| | Dive gear rental | 100 | 4 | | 400 | 2 days, 2 sets |
| Sub-total | | | | | 3500 | |
| | Batteries | 15 | 5 | | 75 | For SeDep |
| | Log books/sheets | 7 | 1 | | 7 | |
| | Fuel | 3.5 | 25 | | 88 | For boats and vehicles |
| | Sed Trap Samples | 800 | 6 | | 4800 | TOC, metals and organics |
| | Surf Sed Samples | 800 | 6 | | 4800 | TOC, metals and organics |
| | Other Misc Supplies | 300 | 1 | | 300 | |
| Sub-total | | | | | 10070 | |
| Indirect Activity Costs | IDW Disposal | 100 | 1 | | 100 | Decon and cleaning water |
| Sub-total | | | | | 100 | |
| Travel Costs | Airfare | 500 | 4 | | 2000 | 4 Roundtrip |
| | Per diem | 200 | 12 | | 2400 | 2 people, 3 days, 2 trips |
| | Truck/Van | 150 | 6 | | 900 | 3 days, 2 trips |
| Sub-total | | | | | 5300 | |
| | | | | | | |
| **Total non-labor cost** | | | | | **18970** | |
| | | | | | | |
| **Project Sub-total** | | | | | **54095** | |
| **Fee/Markup @ 8%** | | | | | **4328** | |
| **Project Total** | | | | | **58422** | |

**Table 62. Cost analysis for the mid-scale SeDep application.**

| Cost Category | Sub Category | SeDep Rates and Units | | | | Details |
|---|---|---|---|---|---|---|
| Labor Costs | | Rate | Units | Days | Cost | |
| Planning | Preliminary study design | 1000 | | 1 | 1000 | Principal |
| | Preliminary budget | 1000 | | 1 | 1000 | Principal |
| | Final budget | 1000 | | 2 | 2000 | Principal |
| | Contract Agreement | 1000 | | 2 | 2000 | Principal |
| | Sampling Plan | 1000 | | 3 | 3000 | Principal |
| | Material Orders | 600 | | 2 | 1200 | Technician |
| Sub-total | | | | | 10200 | |
| Mobilization Costs | Equipment checkout | 600 | | 1 | 600 | Technician |
| | Calibration | 600 | | 2 | 1200 | Technician |
| | Pre-clean | 600 | | 0.5 | 300 | Technician |
| | Packing | 600 | | 2 | 1200 | Technician |
| | Shipping | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 3900 | |
| Field Operating Costs | Travel and return travel | 2200 | | 6 | 13200 | 1 PI & 2 Tech |
| | On-site setup/testing | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| | SeDep field survey - deploy | 4400 | | 2 | 8800 | 1 Capt, 1 PI, 2 Tech, 2 Dive |
| | SeDep field survey - retrieve | 4400 | | 2 | 8800 | 1 Capt, 1 PI, 2 Tech, 2 Dive |
| | Data downloads | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Sample handling and shipping | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| Sub-total | | | | | 36300 | |
| Demobilization Costs | Post-clean | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Breakdown | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Packing | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Shipping | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| Sub-total | | | | | 4400 | |
| Analysis and Reporting | Post-survey data analysis | 1000 | | 5 | 5000 | Principal |
| | Reporting | 1000 | | 5 | 5000 | Principal |
| Sub-total | | | | | 10000 | |
| Project Management | | 1000 | | 4.2 | 4200 | @ 10% of labor days |
| **Total Labor Costs** | | | | | **69000** | |
| | | | | | | |
| Non-Labor Costs | | Rate | Units | Days | Cost | |
| Equipment Costs | SeDep + Ancillary | 14 | 300 | | 4200 | 10 units, 30 days |
| | Boat rental | 500 | 4 | | 2000 | 4 days |
| | Dive gear rental | 100 | 8 | | 800 | 4 days, 2 sets |
| Sub-total | | | | | 7000 | |
| | Batteries | 15 | 10 | | 150 | For SeDep |
| | Log books/sheets | 7 | 1 | | 7 | |
| | Fuel | 3.5 | 40 | | 140 | For boats and vehicles |
| | Sed Trap Samples | 800 | 12 | | 9600 | TOC, metals and organics |
| | Surf Sed Samples | 800 | 12 | | 9600 | TOC, metals and organics |
| | Other Misc Supplies | 500 | 1 | | 500 | |
| Sub-total | | | | | 19997 | |
| Indirect Activity Costs | IDW Disposal | 100 | 1 | | 100 | Decon and cleaning water |
| Sub-total | | | | | 100 | |
| Travel Costs | Airfare | 500 | 6 | | 3000 | 6 Roundtrip |
| | Per diem | 200 | 24 | | 4800 | 3 people, 4 days, 2 trips |
| | Truck/Van | 150 | 8 | | 1200 | 4 days, 2 trips |
| Sub-total | | | | | 9000 | |
| | | | | | | |
| **Total non-labor cost** | | | | | **36097** | |
| | | | | | | |
| **Project Sub-total** | | | | | **105097** | |
| **Fee/Markup @ 8%** | | | | | **8408** | |
| **Project Total** | | | | | **113505** | |

# Table 63. Cost analysis for the large-scale SeDep application.

| Cost Category | Sub Category | Rate | Units | Days | Cost | Details |
|---|---|---|---|---|---|---|
| Labor Costs | | Rate | Units | Days | Cost | |
| Planning | Preliminary study design | 1000 | | 2 | 2000 | Principal |
| | Preliminary budget | 1000 | | 2 | 2000 | Principal |
| | Final budget | 1000 | | 2 | 2000 | Principal |
| | Contract Agreement | 1000 | | 3 | 3000 | Principal |
| | Sampling Plan | 1000 | | 4 | 4000 | Principal |
| | Material Orders | 600 | | 2 | 1200 | Technician |
| Sub-total | | | | | 14200 | |
| Mobilization Costs | Equipment checkout | 600 | | 1 | 600 | Technician |
| | Calibration | 600 | | 2 | 1200 | Technician |
| | Pre-clean | 600 | | 0.5 | 300 | Technician |
| | Packing | 600 | | 2 | 1200 | Technician |
| | Shipping | 600 | | 1 | 600 | Technician |
| Sub-total | | | | | 3900 | |
| Field Operating Costs | Travel and return travel | 2200 | | 6 | 13200 | 1 PI & 2 Tech |
| | On-site setup/testing | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| | SeDep field survey - deploy | 4400 | | 5 | 22000 | 1 Capt, 1 PI, 2 Tech, 2 Dive |
| | SeDep field survey - retrieve | 4400 | | 5 | 22000 | 1 Capt, 1 PI, 2 Tech, 2 Dive |
| | Data downloads | 2200 | | 1 | 2200 | 1 PI & 2 Tech |
| | Sample handling and shipping | 2200 | | 2 | 4400 | 1 PI & 2 Tech |
| Sub-total | | | | | 66000 | |
| Demobilization Costs | Post-clean | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Breakdown | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Packing | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| | Shipping | 2200 | | 0.5 | 1100 | 1 PI & 2 Tech |
| Sub-total | | | | | 4400 | |
| Analysis and Reporting | Post-survey data analysis | 1000 | | 10 | 10000 | Principal |
| | Reporting | 1000 | | 10 | 10000 | Principal |
| Sub-total | | | | | 20000 | |
| Project Management | | 1000 | | 6.35 | 6350 | @ 10% of labor days |
| | | | | | | |
| **Total Labor Costs** | | | | | **114850** | |
| | | | | | | |
| Non-Labor Costs | | Rate | Units | Days | Cost | |
| Equipment Costs | SeDep + Ancillary | 14 | 750 | | 10500 | 25 units, 30 days |
| | Boat rental | 500 | 10 | | 5000 | 10 days |
| | Dive gear rental | 100 | 20 | | 2000 | 10 days, 2 sets |
| Sub-total | | | | | 17500 | |
| | Batteries | 15 | 25 | | 375 | For SeDep |
| | Log books/sheets | 7 | 1 | | 7 | |
| | Fuel | 3.5 | 80 | | 280 | For boats and vehicles |
| | Sed Trap Samples | 800 | 30 | | 24000 | TOC, metals and organics |
| | Surf Sed Samples | 800 | 30 | | 24000 | TOC, metals and organics |
| | Other Misc Supplies | 1500 | 1 | | 1500 | |
| Sub-total | | | | | 50162 | |
| Indirect Activity Costs | IDW Disposal | 100 | 2 | | 200 | Decon and cleaning water |
| Sub-total | | | | | 200 | |
| Travel Costs | Airfare | 500 | 6 | | 3000 | 6 Roundtrip |
| | Per diem | 200 | 42 | | 8400 | 3 people, 7 days, 2 trips |
| | Truck/Van | 150 | 14 | | 2100 | 7 days, 2 trips |
| Sub-total | | | | | 13500 | |
| | | | | | | |
| **Total non-labor cost** | | | | | **81362** | |
| | | | | | | |
| **Project Sub-total** | | | | | **196212** | |
| **Fee/Markup @ 8%** | | | | | **15697** | |
| **Project Total** | | | | | **211909** | |
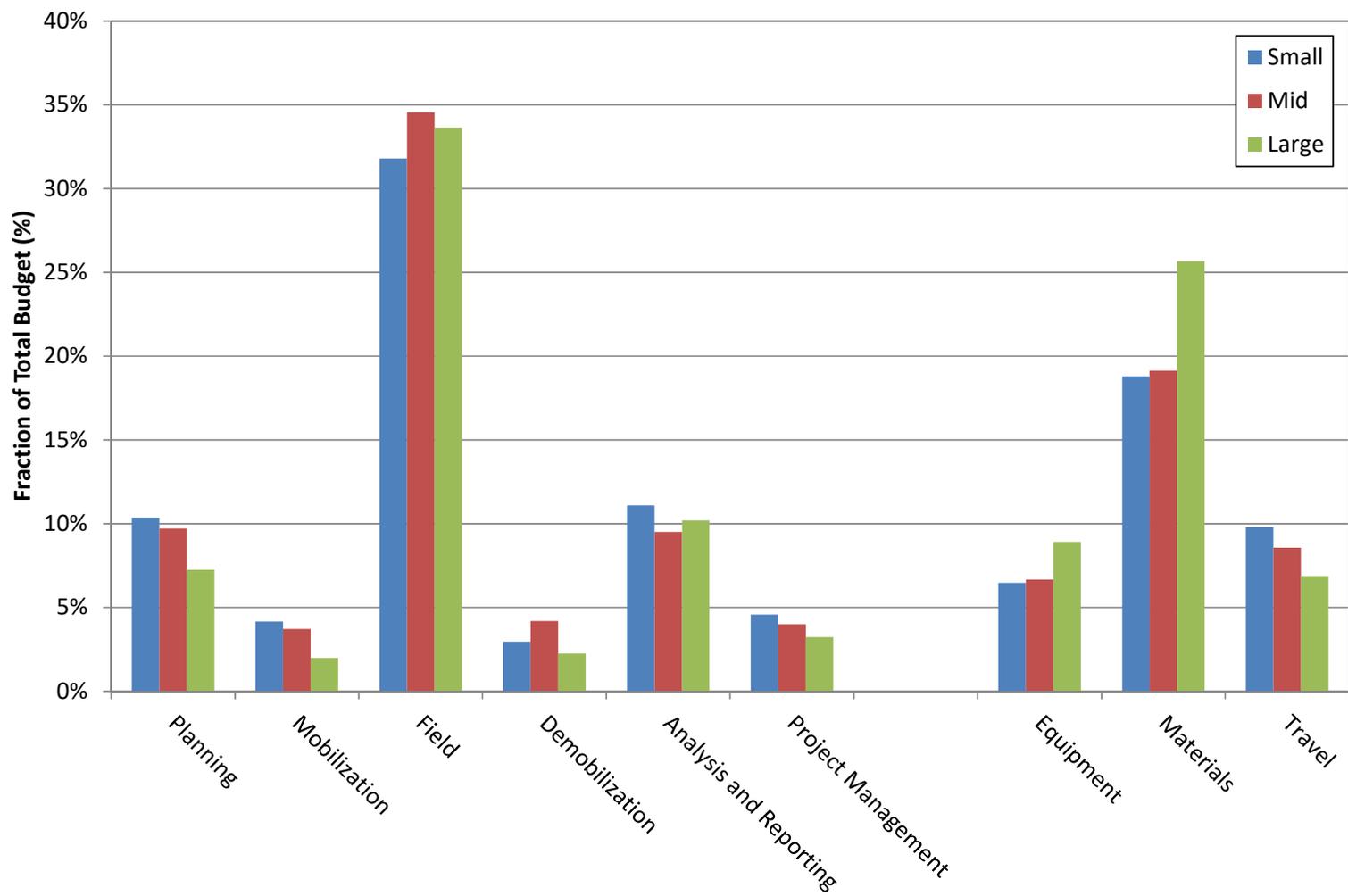
**Figure 132. Cost element fraction of the total application budgets for SeDep technology at three scales.**

**7.7 Cost Summary**

The focus of these technology demonstrations was on the evaluation of new capabilities that expand the tool box for assessing stormwater and sediment recontamination beyond what is currently available. Thus the cost analysis focused on providing a good definition of the costs associated with implementation over a range of scales. Overall it appears that the costs associated with the technologies is within the range of typical field survey events for other aspects of sediment assessment and characterization. Assuming that the technologies would be incorporated and applied with other traditional characterization phases of a remedial investigation or stormwater monitoring program, significant efficiencies in costs could be expected.

This page intentionally left blank

# 8    IMPLEMENTATION ISSUES

Through our experience with a large number of demonstration projects, we have developed an over-arching strategy for implementation based on several key components including:

- The technology is well demonstrated and documented
- Standard operating procedures are developed and available
- Equipment is available on the open market
- Technology service providers are available to DoD users
- Regulators have visibility of the technology

To the extent possible, we have attempted to make progress on each of these components through the course of this project. This progress is summarized below along with remaining gaps and lessons learned during the field demonstrations.

## 8.1 Technology Demonstration

The DrEx technology has undergone limited demonstration at one site for two storm events. These demonstrations have provided a high level of confidence that the technology can achieve the defined objectives of tracking and sampling stormwater plumes to better define potential for exposure and recontamination. Technical issues identified during these field events have been corrected. Logistical challenges associated with working in and around an active DoD facility were found to be manageable. The demonstrations were well documented through the ESTCP Site Selection Memorandum, Demonstration Plan, and this Technical Report, as well as through a series of conference presentations and publications. The technology would still benefit from further demonstration by early adopters under a broader range of facilities, discharge conditions, environmental settings, and regulatory applications.

The DPS technology has undergone limited demonstration at one site for two deposition mapping events. These demonstrations have provided a high level of confidence that the technology can achieve the defined objectives of tracking particle trajectories and mapping deposition footprints for potential recontamination associated with particle releases from specific outfalls. Technical issues identified during these field events have been corrected. Logistical challenges associated with working in and around an active DoD facility were found to be manageable. The demonstrations were well documented through the ESTCP Site Selection Memorandum, Demonstration Plan, and this Technical Report, as well as through a series of conference presentations and publications. As with the DrEx system, the DPS technology would still benefit from further demonstration by early adopters under a broader range of facilities, discharge conditions, environmental settings, and regulatory applications.

The SeDep technology has undergone limited demonstration at one site for one extended monitoring event. This demonstration provided a moderate level of confidence that the technology can achieve the defined objectives of monitoring and sampling deposition in areas of interest to characterize recontamination potential. Technical issues identified during these field events have been corrected, but there has been limited testing of the system following those improvements. Logistical challenges associated with working in and around an active DoD facility were found to be manageable. The demonstration was well documented through the ESTCP Site Selection Memorandum, Demonstration Plan, and this Technical Report, as well as

through a series of conference presentations and publications. The SeDep technology would benefit from more rigorous testing and demonstration prior to use by early adopters. However, direct transition to users is also possible, but would likely require some investment by the service provider to assure that the new systems will perform as expected under a range of application conditions.

## 8.2 Standard Operating Procedures

Standard operating procedures have been developed for all of the technologies. These are well documented in manuals provided by the equipment companies, as well as in the procedural documents contained in the ESTCP Demonstration Plan. It is expected that these procedures could be refined and improved over time based on experience, and that this would help to improve the implementation process and potentially reduce the application costs.

## 8.3 Equipment Availability

The DrEx equipment is all currently available from the vendors described in this document. Similarly, the DPS equipment is fully available from the commercial vendor that participated in the project. For the SeDep system, we were unable to finalize a relationship with a commercial vendor, although the systems are based directly on the commercially available system. We believe the improvements that were incorporated into the SeDep system are essential to improving the performance to the level where it can meet the objectives specified for the technology, particularly with respect to sensitivity and operation in deeper water. The SeDep technology would benefit from further effort toward commercialization to ensure the equipment would be widely available.

## 8.4 Service Providers

During the equipment development and demonstration, we had ongoing collaboration with potential technology service providers. Our primary partner as a service provider on the project was with Ramboll and Geosyntec Consultants who supported various aspects of the development, testing and demonstration of the technology. These consultants would be well positioned to support the technologies as service providers in the future. In addition, the technologies are suitably documented and straightforward enough that any experienced environmental consulting company could provide the required support after a relatively short learning curve. The DrEx and DPS technologies are currently in patent pending status, and there may be future opportunities for service providers to license the technology. Implementation of the technology would be well served by having the technology be picked up and promoted by a commercial consulting firm for future applications at DoD sites.

## 8.5 Regulatory Visibility

To date the technologies have had some limited regulatory exposure. The technology was briefed and toured to staff from the San Diego Regional Water Quality Control Board during the period of the demonstrations in San Diego Bay. Results from the demonstrations in Pearl Harbor have also been briefed to the regulatory team associated with the Pearl Harbor sediment cleanup. The RPM at Pearl Harbor has been actively involved in the project and in implementing the technology at her site, and represents a key early adopter for the technology. The technology

would benefit from further exposure to regulatory agencies that have oversight over stormwater and/or sediment cleanups.

## 8.6 Lessons Learned

Important lessons that can help to inform future implementation were learned during the field demonstrations for the three technologies. These are summarized below for each of the three technologies.

### 8.6.1 Drifting Exposure System

Beyond the specific quantitative and qualitative performance assessment metrics describe previously, there were a number of practical lessons learned during the field demonstrations for the DrEx system. One key aspect was the need to have a flexible protocol for when to release the units during the storm. In our demonstrations, we focused on release during first-flush, but storms do not always cooperate both in terms of timing of the event and the hydrograph of the event. Low levels of precipitation may go on for some time with low discharge flows, and high flows that constitute a clear first-flush event may be sporadic or come later in the event. One way to address this that we utilized was to monitor the salinity of the surface water adjacent to the outfall and only release the units when we saw a clear influence of stormwater in the surface waters.

Another practical consideration was the time required to setup and deploy the units. We did not have sufficient deck space to have all of the units fully assembled and ready to go for the release, and final setup took several minutes for each unit. Given that there were 10 units, this consumed a significant amount of time and precipitation and flow conditions varied over this period. Ideally, the units would be setup and ready to go. One consideration for this is the question of how many units are really required to assess the trajectory and exposure levels in the plume. For smaller outfalls, it seems like a reduced number of units would suffice, while for larger discharges like the urban creek that we studied, it was helpful to have the larger number of units. For future implementation, these design factors should be weighed in terms of practicality versus data requirements.

Regarding the robustness of the DrEx units, we were generally pretty happy with how they held up under some pretty challenging conditions. However, there is still significant room for improvement in the design and engineering of the systems. Their current design and construction is based on standard PVC pipe and pipe fittings. This is attractive from the standpoint of cost and replacement parts, but results in a relatively bulky and non-optimal design. We had some problems with the electronics shifting within the housings, failure of water seals, breakage of sensor brackets and wear of drogue sails. As previously discussed, the sampling bags also could use improvement. For future implementation, it might be advisable to re-design the system with purpose-built components and materials that are specifically engineered for the anticipated ruggedness of the near-shore application in harbor areas where the units are likely to come in physical contact with piers and other hard structures under stormy conditions with significant wind and wave action.

From the perspective utility to the site manager, the technology provides a new and unique capability for providing both visual and quantitative data to support future controls and permit applications in the stormwater regulatory realm, and source characterization in the cleanup

realm. In the stormwater context, rigorous, defensible data that can demonstrate whether or not there are direct effects related to stormwater exposure in the receiving system, combined with an understanding of the magnitude and spatial extent of exposure are strong lines of evidence for the site manger to support either the required expenditures to implement controls, or to support the argument that the discharge does not represent a risk to the environment. This ability to help focus resources on areas where they are truly needed is generally lacking in current-day stormwater programs. From the cleanup perspective, site managers are struggling to determine if ongoing sources such as stormwater represent a potential threat to sediment remediation. The DrEx system provides a unique ability for direct measurement of the trajectories and contaminant levels associated with stormwater plumes. Combined with the other technologies demonstrated here, these tools can certainly help to reduce the uncertainties associated with making decisions on whether and when to implement expensive sediment remedies.

### 8.6.2 Drifting Particle Simulator System

As with the DrEx system, there were a number of practical lessons learned during the field demonstrations for the DPS system. One key consideration is having a good initial estimate of the distance that the units will travel prior to bottom contact. In the Oscar Pier demonstration, the systems traveled further than expected which led to additional logistical considerations for working in areas of the harbor that we had not anticipated. Depending on the available data for current speeds in the area, a reasonable estimate of the travel distance can be made using the current speed, water depth and programmed settling rate. These calculations could be incorporated into a simple spreadsheet-based planning tool as part of the pre-deployment checklist.

Another useful tool that could be incorporated into the tracking software would be a projection of the units position based on previous measurements. Because the position reports are several minutes apart, the DPS can travel some distance between reports, and under night time or low visibility conditions the system can be difficult to find. Alternatively, the satellite link could be used to query the current location of the unit by sending it a command.

Regarding the robustness and reliability of the DPS system, we were very happy with the overall performance. The systems are purpose-built and performed very reliably, generally exceeding our expectations given the somewhat complex nature of the hardware. One design flaw that led to a system failure was the ability for water to enter the winch unit when the dummy plug is not in place on the underwater connection. This is due to the fact that the battery vents through this port when charging, so there needs to be a clear path. Some fail-safe method to assure that this port is sealed prior to deployment would help to avoid a costly system flooding event.

From the perspective utility to the site manager, the technology provides a new and unique capability for linking specific discharge locations to their associated deposition footprint for particle releases. To our knowledge, this is the only direct measurement technique other than tracer particles that can provide this information. Given the high costs, environmental concerns, tracking challenges and one time nature of particle tracking methods, the DPS unit provides an effective alternative. The deployment at Waiau provided direct support to an emerging, site-specific source tracking question and illustrates the ability of the system to directly address these types of questions.

### 8.6.3   Sediment Deposition Detector System

Lessons learned during the field demonstrations for the SeDep system centered on how to improve the reliability of the system over long-term deployments. Problems with both the pressure plate and the pressure sensors following long-term exposure to the underwater environment led to system failure for many of the units following the Oscar Pier demonstration. We made significant improvements to the system based on these lessons learned including:

- Return to use of a soldered stainless steel foil membrane for the pressure plate
- Development of a reliable soldering method for applying the membranes to the pressure plate pan
- Identification of a more reliable pressure sensor
- Development of a robust waterproofing method for the pressure sensors

Lab calibrations and pier-side testing following the incorporation of these improvements indicated that they have significantly improved both the performance and the reliability of the system. Unfortunately we did not have adequate time or resources to pursue an additional field demonstration prior to the culmination of the project.

From the perspective utility to the site manager, the technology provides a new and unique capability for measuring the time-series of sediment deposition and/or erosion at a fixed location at the sediment bed. Traditional methods such as sediment traps only provide a net deposition over the deployment period and thus lack any information on the timing or processes involved in the sedimentation. All sediment remedies are sensitive to the deposition of new sediment. Remedies such as monitored natural recovery (MNR) and enhanced monitored natural recovery (EMNR) generally rely on deposition of clean material to achieve their goals. Remedies such as capping and dredging are sensitive to new deposition from both a recontamination perspective and in terms of potential impacts to navigation depths. Having a quantitative means to measure these rates and link them to specific processes, events or activities will help to reduce the uncertainties associated with implementation of these remedies.

This page intentionally left blank

# 9  REFERENCES

Apitz, S.E. and D B Chadwick (2002) "Pathway Ranking for In-situ Sediment Management (PRISM) - Balancing Risk and Recovery," presented at the SETAC North America 23rd Annual meeting, 16 - 20 November 2002, in Salt Lake City, Utah.

ATSDR (Agency for Toxic Substances and Disease Registry). 1995. Toxicological Profile for Polycyclic Aromatic Hydrocarbons (PAHs). United States Department of Health and Human Services, Public Health Services, Agency for Toxic Substances and Disease Registry. Atlanta, Georgia. August 1995.

ATSDR. 2000. Toxicological Profile for Polychlorinated Biphenyls (PCBs). United States Department of Health and Human Services, Public Health Services, Agency for Toxic Substances and Disease Registry. Atlanta, Georgia. November 2000.

Bachmayer, R., N.E. Leonard, J.Graver, E. Fiorelli, P. Bhatta D.Paley, Underwater gliders : Recent developments and future applications,   IEEE International Symposium on Underwater Technology, UT'04, 2004.

Blake, A.C., D.B. Chadwick, P.J. White, and C.A. Jones. 2007. User's Guide for Assessing Sediment Transport at Navy Facilities. Technical Report 1960. SSC San Diego, CA

Brightwater Instrument Corp., 2013. Model 115 GPS/Argos Drifting Buoy, http://www.brightwaters.com/products/products.htm, accessed February 27, 2013.

Brown, J., and S. Bay. 2005. Temporal Assessment of Chemistry, Toxicity, and Benthic Communities in Sediments at the Mouths of Chollas Creek and Paleta Creek, San Diego Bay. Southern California Coastal Water Research Project. Costa Mesa, CA. January 2005.

California Regional Water Quality Control Board - San Diego Region, 2013. Total Maximum Daily Loads for Toxic Pollutants in Sediment at San Diego Bay Shorelines – Mouths of Paleta, Chollas, and Switzer Creeks, Draft Technical Report, February 19, 2013.

Carpenter M.C., 2000. Field trials monitoring sand deposition and erosion on a razorback sucker spawning bar on the green river near Jensen, Utah, and operational description of loadcell scour sensors. USGS http://water.usgs.gov/osw/indirects/Carpenter.pdf.

Chadwick, B.,  P.F. Wang, C. Katz, K. Schiff, S. Carter, and C. Gorham-Test, 2007. Integrated Model Linkage Analysis for Contaminated Sediment TMDLs in San Diego Bay, Proceedings of SETAC North America 28th Annual Meeting, Milwaukee, WI, November 2007.

Chadwick, B., J. Leather, K. Richter, S. Apitz, D. Lapota, D. Duckworth, C. Katz, V. Kirtay, B. Davidson, A. Patterson, P. Wang, and S. Curtis. 1999. Sediment Quality Characterization, Naval Station San Diego: Final Summary Report. U.S. Navy Region Southwest. SSC San Diego, SPAWAR, San Diego, CA. January 1999.

Chadwick, B., P.F. Wang, W.H. Choi, and E. Arias, 2005. Modeling Sediment Depositions From Switzer, Chollas and Paleta Creek, San Diego Bay, Final Draft, Environmental Sciences Branch, SPAWAR Systems Center San Diego.

Chadwick, B., P.F. Wang, W.H. Choi and E. Arias, 2002. Modeling Sediment Depositions From Switzer, Chollas and Paleta Creek, San Diego Bay, Draft Final Report, Environmental Sciences Branch, SPAWAR Systems Center San Diego.

Chadwick, D.B. and Salazar, M.H., 1991, October. Integrated measurement technologies for monitoring the marine environment. In OCEANS'91. Ocean Technologies and Opportunities in the Pacific for the 90's. Proceedings. (Vol. 1, pp. 343-350). IEEE.

Cheng, N.S., 1997. Simplified settling velocity formula for sediment particle. Journal of hydraulic engineering, 123(2), pp.149-152.

Davis, R.E., 1985. Drifter observations of coastal surface currents during CODE: The method and descriptive view, Journal of Geophysical Research, 90(C3):4741-4755.

Droppo, I. G. 2006. Suspended Sediment Transport – Flocculation and Particle Characteristics. Encyclopedia of Hydrological Sciences. 7:83.

Gailani, J.Z., Lackey, T.C., and Smith, J (2007). "Application of the Particle Tracking Model to predict far-field fate of sediment suspended by nearshore dredging and placement at Brunswick, Georgia." Proceedings XVIII World Dredging Congress 2007, WEDA, Lake Buena Vista, Florida, USA.

Greenstein, D., S. Bay, and D. Young. 2005. Sediment Toxicity Identification Evaluation for the mouths of Chollas and Paleta Creek, San Diego, CA. Southern California Coastal Water Research Project, Costa Mesa, CA.

Halle, C.M. and J.L. Largier, Surface circulation downstream of the Point Arena upwelling center, Continental Shelf Research, 2011, 31, 12, 1260.

Katz, C.N., G. Rosen, and E. Arias, 2006. Storm Water Toxicity Evaluation at Naval Station San Diego, Naval Submarine Base San Diego, Naval Amphibious Base Coronado, and Naval Air Station North Island. SPAWAR Systems Center San Diego Technical Report 1938, May 2006, 151 pp.

Largier, J. L., B. A. Magnell, C. D. Winant, Subtidal circulation over the northern California shelf, Journal of Geophysical Research: Oceans (1978–2012), 1993, 98, C10.

Magar, V.S., D.B. Chadwick, T.S. Bridges, P.C. Fuchsman, J.M. Conder, T.J. Dekker, J.A. Steevens, K.E. Gustavson, and M.A. Mills. 2009. Technical Guide: Monitored Natural Recovery at Contaminated Sediment Sites. ESTCP Project ER-0622.

McCorquodale, J. A., I. Georgiou, S. Carnelos, and A.J. Englande, 2004. Modeling coliforms in storm water plumes, Journal of Environmental Engineering and Science 3(5): 419-431.

MetOcean, 2013. NOVA: New generation Oceanographic Variable-buoyancy Autonomous, http://www.metocean.com/ProdCat.aspx?CatId=1&SubCatId=7, accessed February 27, 2013.

MetOcean, 2013. CODE/DAVIS Drifter, http://www.metocean.com/ProdCat.aspx?CatId=1&SubCatId=5, accessed February 27, 2013.

National Pesticide Telecommunications Network (NPTN). 2008. Chlordane: Technical Factsheet. National Pesticide Telecommunications Network, Oregon State University, Corvallis, Oregon. Undated, it was downloaded at http://npic.orst.edu/factsheets/chlordanetech.pdf.

National Research Council (NRC). 1983. Polycyclic Aromatic Hydrocarbons: Evaluation of Sources and Effects. National Research Council, National Academy Press, Washington, D.C. Executive Summary.

Ohlmann, J. C., P. F White, A. L. Sybrandy, and P. P. Niller, GPS-cellular drifter technology for coastal ocean observing systems, Journal of Atmospheric and Oceanic Technology, 22, 1381-1388, 2005.

Øyvind Breivik, Arthur Addoms Allen, Christophe Maisondieu, Michel Olagnon, Advances in search and rescue at sea, Ocean Dynamics, 2013, 63, 1, 83.

Pacific Gyre, 2013. Lagrangian Drifters, http://www.pacificgyre.com/products.aspx, accessed February 27, 2013.

Paroscientific Inc., 2013. Precision pressure instrumentation, http://www.paroscientific.com/transducers.htm#5300, accessed February 27, 2013.

Ponte, A.L., G. Gutiérrez de Velasco, A. Valle-Levinson, K. B. Winters, C. D. Winant, Wind-Driven Subinertial Circulation inside a Semienclosed Bay in the Gulf of California, Journal of Physical Oceanography, 2012, 42, 6, 940.

Rickly Hydrological Company, 2013. USGS Load-Cell Scour Sensor, http://www.rickly.com/ss/scoursensor.htm, accessed February 27, 2013.

Sabin, L.D., K.A. Maruya, W. Lao, D.W. Diehl, D. Tsukada, K.D. Stolzenbach, and K.C. Schiff. 2010. Exchange of Polycyclic Aromatic Hydrocarbons between the Atmosphere, Water, and Sediment in Southern California Coastal Embayments. Environ. Toxicol. Chem. 29(2): 265-274.

SCCWRP and Space and Naval Warfare Systems Center (SPAWAR). 2005. Sediment Assessment Study for the Mouths of Chollas and Paleta Creek, San Diego, Phase I Report. Prepared by Southern California Coastal Water Research Project, Westminster, CA and Space and Naval Warfare Systems Center, San Diego, CA for the San Diego Regional Water Quality Control Board and Commander Navy Region Southwest, San Diego, CA.

Sherman, J.; Davis, R.E.; Owens, W.B.; Valdes, J.; , "The autonomous underwater glider "Spray"," Oceanic Engineering, IEEE Journal of , vol.26, no.4, pp.437-446, Oct 2001.

Shi, Z., and H. J. Zhou, 2004. Controls on effective settling velocities of mud flocs in the Changjiang Estuary, China, Hydrol. Process. 18:2877–2892.

State Water Resources Control Board (SWRCB). 1999. Consolidated Toxic Hot Spot Cleanup Plan, Volumes I and II: Regional Cleanup Plans, Regional Water Quality Control Board, San Diego Region. California State Water Resources Control Board, Sacramento, CA. June 17, 1999.

Strategic Environmental Research and Development Program, 2012. A Workshop on Research and Development Needs for Long-Term Management of Contaminated Sediments, http://www.serdp-estcp.org/content/download/16022/182923/version/2/file/Sediment+Workshop+Report_October+2012.pdf.

University of California San Diego, 2017. ARGO, part of the integrated global observing strategy, http://www.argo.ucsd.edu, accessed June 16, 2017.

University of California, San Diego, 2015. The climate of San Diego, http://meteora.ucsd.edu/photos/san-clim.gif.

USEPA. 1999. Preliminary Data Summary of Urban Storm Water Best Management Practices. EPA/821/R-99/012. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. August 1999.

USEPA. 2009. Basic Information about Polychlorinated Biphenyls (PCBs) in Drinking Water. U.S. Environmental Protection Agency, Office of Water, Office of Ground Water and Drinking Water. http://www.epa.gov/safewater/contaminants/basicinformation/polychlorinatedbiphenyls.html

US Navy, 2015. In-Progress Final Feasibility Study, Pearl Harbor Sediment, JOINT BASE PEARL HARBOR-HICKAM, OAHU, HAWAII, PHNC National Priorities List Site, March 2015.

USGS, 2006. Environmental Atlas of the Lake Pontchartrain Basin: Lake Pontchartrain Urban Stormwater Discharges on South Shore, http://pubs.usgs.gov/of/2002/of02-206/env-issues/urban-stormwater.html.

Weatherspark, 2015. Average Weather For San Diego, California, USA, https://weatherspark.com/averages/31552/San-Diego-California-United-States

Webb, D.C.; Simonetti, P.J.; Jones, C.P.; , "SLOCUM: an underwater glider propelled by environmental energy," Oceanic Engineering, IEEE Journal of , vol.26, no.4, pp.447-452, Oct 2001.

**APPENDICES**

**Appendix A: Points of Contact**

| POINT OF CONTACT Name | ORGANIZATION Name Address | Phone Fax E-mail | Role in Project |
|---|---|---|---|
| Bart Chadwick | SSC-PAC 53560 Hull St. San Diego, CA 92152 | 619-553-5333 Bart.chadwick@navy.mil | Principal Investigator |
| Jon Oiler | SSC-PAC 53560 Hull St. San Diego, CA 92152 | 619-553-5844 Jonathon.oiler@navy.mil | Technical lead for system integration and testing. SSO |
| Brad Davidson | SSC-PAC 53560 Hull St. San Diego, CA 92152 | 619-553- Bradley.davidson@navy.mil | Field work lead |
| Chuck Katz | SSC-PAC 53560 Hull St. San Diego, CA 92152 | 619-553-5332 Chuck.katz@navy.mil | Site coordination and field support |
| Jessica Palmer | NAVFAC SW Environmental Core, Water Compliance Program | 619-532-3676 jessica.palmer@navy.mil | Site contact for NBSD demonstration |
| Kim Markillie | NAVFAC Pacific, Pearl Harbor, HI | 808-472-1465 Kimberly.Markillie@navy.mil | Site contact for JBPHH demonstration |
| Andy Sybrandy | Pacific Gyre Inc. 3740 Oceanic Way, Suite 302 Oceanside, CA 92056 | 760-433-6300 asybrandy@pacificgyre.com | DPS vendor and technical expert |
| Peter Salamon | Brightwaters Instrument Corporation 551 Lombardy Boulevard Brightwaters NY 11718 | 631-968-7840 psalamon@brightwaters.com | DrEx vendor and technical expert |
| Mike Rickly | Rickly Hydrological Co. 1700 Joyce Avenue Columbus, OH 43219 | 614.297.9877 mike@rickly.com | SeDep vendor and technical expert |

**Appendix B:  DrEx January 5-6, 2016 Event Data**

**Appendix B1: DrEx GPS Data**

DrEx 106

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5879630 | 32.674193 | -117.115880 | 5.74636574 | 32.6699 | -117.123867 | 5.91581019 | 32.66791 | -117.122 |
| 5.5880440 | 32.674177 | -117.115880 | 5.74653935 | 32.66989 | -117.123867 | 5.9159838 | 32.66791 | -117.122 |
| 5.5881944 | 32.674153 | -117.115920 | 5.74671296 | 32.66989 | -117.123867 | 5.91615741 | 32.66791 | -117.122 |
| 5.5883796 | 32.674130 | -117.115933 | 5.74688657 | 32.66988 | -117.123867 | 5.91633102 | 32.6679 | -117.122 |
| 5.5885532 | 32.674103 | -117.115933 | 5.74706019 | 32.66989 | -117.123867 | 5.91649306 | 32.66792 | -117.122 |
| 5.5887269 | 32.674083 | -117.115947 | 5.7472338 | 32.66988 | -117.123867 | 5.91666667 | 32.66792 | -117.122 |
| 5.5888889 | 32.674057 | -117.115973 | 5.74740741 | 32.66986 | -117.123867 | 5.91684028 | 32.66793 | -117.122 |
| 5.5890625 | 32.674030 | -117.115973 | 5.74758102 | 32.66986 | -117.123867 | 5.91737269 | 32.66789 | -117.12204 |
| 5.5892477 | 32.674003 | -117.115987 | 5.74775463 | 32.66984 | -117.123867 | 5.9175463 | 32.66791 | -117.122053 |
| 5.5894213 | 32.673960 | -117.116000 | 5.74792824 | 32.66982 | -117.123867 | 5.91771991 | 32.6679 | -117.122067 |
| 5.5895949 | 32.673937 | -117.116013 | 5.74810185 | 32.66981 | -117.12388 | 5.91789352 | 32.66788 | -117.122067 |
| 5.5897685 | 32.673913 | -117.116013 | 5.74827546 | 32.6698 | -117.12388 | 5.91806713 | 32.66789 | -117.122067 |
| 5.5899306 | 32.673887 | -117.116027 | 5.74844907 | 32.66979 | -117.123893 | 5.91824074 | 32.66786 | -117.122067 |
| 5.5901042 | 32.673873 | -117.116053 | 5.74862269 | 32.66978 | -117.123893 | 5.91841435 | 32.66787 | -117.122053 |
| 5.5902778 | 32.673850 | -117.116053 | 5.7487963 | 32.66977 | -117.12392 | 5.91858796 | 32.66788 | -117.122053 |
| 5.5904630 | 32.673823 | -117.116053 | 5.74914352 | 32.66976 | -117.123907 | 5.91876157 | 32.66787 | -117.122053 |
| 5.5906366 | 32.673797 | -117.116053 | 5.74931713 | 32.66975 | -117.123893 | 5.91893519 | 32.66789 | -117.122027 |
| 5.5908102 | 32.673777 | -117.116067 | 5.74949074 | 32.66973 | -117.123907 | 5.9191088 | 32.66788 | -117.12204 |
| 5.5909838 | 32.673760 | -117.116067 | 5.74966435 | 32.66972 | -117.123907 | 5.91928241 | 32.66787 | -117.122053 |
| 5.5911574 | 32.673747 | -117.116067 | 5.74983796 | 32.66971 | -117.123907 | 5.91945602 | 32.66785 | -117.122053 |
| 5.5916782 | 32.673690 | -117.116093 | 5.75001157 | 32.6697 | -117.12392 | 5.91962963 | 32.66785 | -117.12208 |
| 5.5918519 | 32.673670 | -117.116093 | 5.75018519 | 32.66969 | -117.12392 | 5.91980324 | 32.66785 | -117.12208 |
| 5.5920255 | 32.673653 | -117.116107 | 5.7503588 | 32.66967 | -117.12392 | 5.91997685 | 32.66786 | -117.12208 |
| 5.5921991 | 32.673633 | -117.116107 | 5.75053241 | 32.66966 | -117.12392 | 5.92015046 | 32.66786 | -117.122067 |
| 5.5923727 | 32.673617 | -117.116107 | 5.75070602 | 32.66963 | -117.123907 | 5.92032407 | 32.66788 | -117.122067 |
| 5.5925347 | 32.673600 | -117.116107 | 5.75087963 | 32.66962 | -117.123907 | 5.92049769 | 32.66781 | -117.12208 |
| 5.5927083 | 32.673583 | -117.116133 | 5.75105324 | 32.66962 | -117.12392 | 5.9206713 | 32.66784 | -117.12208 |
| 5.5928935 | 32.673567 | -117.116133 | 5.75122685 | 32.6696 | -117.123907 | 5.92100694 | 32.66783 | -117.12208 |
| 5.5930671 | 32.673550 | -117.116147 | 5.75140046 | 32.66959 | -117.123907 | 5.92118056 | 32.66783 | -117.12208 |
| 5.5932407 | 32.673537 | -117.116147 | 5.75157407 | 32.66958 | -117.123893 | 5.92135417 | 32.66785 | -117.12208 |
| 5.5934028 | 32.673520 | -117.116160 | 5.75174769 | 32.66957 | -117.12388 | 5.92152778 | 32.66784 | -117.12208 |
| 5.5935764 | 32.673503 | -117.116200 | 5.7519213 | 32.66956 | -117.12388 | 5.92170139 | 32.66785 | -117.12208 |
| 5.5937616 | 32.673487 | -117.116200 | 5.75209491 | 32.66955 | -117.123867 | 5.921875 | 32.66786 | -117.12208 |
| 5.5939352 | 32.673473 | -117.116200 | 5.75226852 | 32.66954 | -117.123867 | 5.92204861 | 32.66787 | -117.12208 |
| 5.5941088 | 32.673463 | -117.116213 | 5.75244213 | 32.66953 | -117.123827 | 5.92222222 | 32.66785 | -117.12208 |
| 5.5942708 | 32.673450 | -117.116227 | 5.75295139 | 32.66949 | -117.1238 | 5.92239583 | 32.66786 | -117.12208 |
| 5.5944444 | 32.673437 | -117.116240 | 5.753125 | 32.66948 | -117.123773 | 5.92256944 | 32.66784 | -117.12212 |
| 5.5946181 | 32.673427 | -117.116253 | 5.75329861 | 32.66947 | -117.123773 | 5.92274306 | 32.66785 | -117.122133 |
| 5.5947917 | 32.673413 | -117.116253 | 5.7534838 | 32.66946 | -117.12376 | 5.92291667 | 32.66785 | -117.122133 |
| 5.5949769 | 32.673400 | -117.116280 | 5.75365741 | 32.66946 | -117.12376 | 5.92309028 | 32.66782 | -117.122147 |
| 5.5953125 | 32.673367 | -117.116320 | 5.75383102 | 32.66945 | -117.123747 | 5.92326389 | 32.66783 | -117.122147 |
| 5.5954861 | 32.673353 | -117.116320 | 5.75400463 | 32.66945 | -117.123733 | 5.9234375 | 32.66785 | -117.122147 |
| 5.5956597 | 32.673337 | -117.116347 | 5.75417824 | 32.66945 | -117.123733 | 5.92362269 | 32.66783 | -117.122147 |
| 5.5958333 | 32.673320 | -117.116347 | 5.75435185 | 32.66945 | -117.123733 | 5.9237963 | 32.66783 | -117.122147 |
| 5.5960069 | 32.673307 | -117.116360 | 5.75452546 | 32.66944 | -117.123733 | 5.92396991 | 32.66782 | -117.122147 |
| 5.5961806 | 32.673297 | -117.116387 | 5.7546875 | 32.66944 | -117.12372 | 5.92414352 | 32.66784 | -117.122147 |
| 5.5963657 | 32.673273 | -117.116400 | 5.75486111 | 32.66942 | -117.123693 | 5.92431713 | 32.66783 | -117.122133 |
| 5.5965394 | 32.673260 | -117.116400 | 5.75503472 | 32.66942 | -117.12368 | 5.92482639 | 32.66784 | -117.12212 |
| 5.5967130 | 32.673243 | -117.116400 | 5.75521991 | 32.66942 | -117.123667 | 5.925 | 32.66784 | -117.12212 |
| 5.5968866 | 32.673230 | -117.116440 | 5.75539352 | 32.66942 | -117.123653 | 5.92517361 | 32.66784 | -117.122133 |
| 5.5970486 | 32.673213 | -117.116453 | 5.75556713 | 32.66941 | -117.123627 | 5.92534722 | 32.66783 | -117.122133 |
| 5.5972222 | 32.673197 | -117.116467 | 5.75574074 | 32.66938 | -117.123627 | 5.92552083 | 32.66783 | -117.122133 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5973958 | 32.673180 | -117.116493 | 5.75591435 | 32.66938 | -117.123613 | 5.92570602 | 32.66783 | -117.12212 |
| 5.5975810 | 32.673163 | -117.116493 | 5.75608796 | 32.66937 | -117.1236 | 5.92587963 | 32.66784 | -117.12212 |
| 5.5977546 | 32.673153 | -117.116520 | 5.75626157 | 32.66936 | -117.123587 | 5.92605324 | 32.66784 | -117.12212 |
| 5.5979282 | 32.673143 | -117.116533 | 5.75765046 | 32.66928 | -117.123533 | 5.92622685 | 32.66785 | -117.12212 |
| 5.5981019 | 32.673127 | -117.116547 | 5.75782407 | 32.66927 | -117.123533 | 5.92640046 | 32.66784 | -117.122133 |
| 5.5982639 | 32.673120 | -117.116547 | 5.75799769 | 32.66929 | -117.12352 | 5.92657407 | 32.66782 | -117.12212 |
| 5.5984375 | 32.673113 | -117.116587 | 5.7581713 | 32.66928 | -117.12348 | 5.92674769 | 32.66783 | -117.122133 |
| 5.5986227 | 32.673097 | -117.116600 | 5.75834491 | 32.66925 | -117.12352 | 5.9269213 | 32.66782 | -117.122147 |
| 5.5996528 | 32.673020 | -117.116693 | 5.75851852 | 32.66925 | -117.12352 | 5.92709491 | 32.66781 | -117.122147 |
| 5.5998264 | 32.673007 | -117.116720 | 5.75869213 | 32.66924 | -117.12352 | 5.92726852 | 32.6678 | -117.122147 |
| 5.6000116 | 32.672993 | -117.116733 | 5.75886574 | 32.66918 | -117.123533 | 5.92744213 | 32.6678 | -117.122147 |
| 5.6001852 | 32.672983 | -117.116747 | 5.75903935 | 32.66912 | -117.123573 | 5.92760417 | 32.66778 | -117.122147 |
| 5.6003588 | 32.672970 | -117.116760 | 5.75921296 | 32.66908 | -117.123573 | 5.92777778 | 32.6678 | -117.122147 |
| 5.6005208 | 32.672960 | -117.116787 | 5.75938657 | 32.66904 | -117.123547 | 5.92795139 | 32.66782 | -117.122173 |
| 5.6006944 | 32.672950 | -117.116787 | 5.75956019 | 32.66902 | -117.123547 | 5.928125 | 32.66783 | -117.122147 |
| 5.6008681 | 32.672940 | -117.116800 | 5.7597338 | 32.66902 | -117.123547 | 5.92847222 | 32.66782 | -117.122173 |
| 5.6010532 | 32.672923 | -117.116813 | 5.75990741 | 32.66899 | -117.123533 | 5.92864583 | 32.66782 | -117.122173 |
| 5.6012269 | 32.672913 | -117.116840 | 5.76008102 | 32.66898 | -117.123547 | 5.92881944 | 32.66781 | -117.122173 |
| 5.6014005 | 32.672903 | -117.116840 | 5.76025463 | 32.66897 | -117.123547 | 5.92899306 | 32.6678 | -117.122187 |
| 5.6015741 | 32.672893 | -117.116867 | 5.76042824 | 32.66897 | -117.123533 | 5.92916667 | 32.6678 | -117.122187 |
| 5.6017361 | 32.672880 | -117.116880 | 5.76060185 | 32.66895 | -117.123533 | 5.92938657 | 32.66779 | -117.1222 |
| 5.6019097 | 32.672873 | -117.116907 | 5.76077546 | 32.66892 | -117.123547 | 5.92952546 | 32.66779 | -117.1222 |
| 5.6020949 | 32.672857 | -117.116933 | 5.76094907 | 32.66892 | -117.123533 | 5.92969907 | 32.66778 | -117.122213 |
| 5.6022685 | 32.672843 | -117.116947 | 5.7612963 | 32.66891 | -117.12348 | 5.92987269 | 32.66777 | -117.122227 |
| 5.6024421 | 32.672837 | -117.116960 | 5.76146991 | 32.66891 | -117.1234 | 5.9300463 | 32.66777 | -117.122227 |
| 5.6026157 | 32.672813 | -117.116987 | 5.76164352 | 32.66885 | -117.1234 | 5.93021991 | 32.66778 | -117.122227 |
| 5.6027894 | 32.672807 | -117.116987 | 5.76181713 | 32.66886 | -117.1234 | 5.93039352 | 32.66777 | -117.122227 |
| 5.6029514 | 32.672800 | -117.117013 | 5.76199074 | 32.66887 | -117.123387 | 5.93055556 | 32.66776 | -117.122227 |
| 5.6032986 | 32.672787 | -117.117053 | 5.76216435 | 32.66885 | -117.123387 | 5.93072917 | 32.66775 | -117.122227 |
| 5.6034722 | 32.672777 | -117.117080 | 5.76233796 | 32.66884 | -117.123387 | 5.93090278 | 32.66774 | -117.122227 |
| 5.6036574 | 32.672767 | -117.117080 | 5.76251157 | 32.66883 | -117.123333 | 5.93107639 | 32.66774 | -117.122227 |
| 5.6038310 | 32.672757 | -117.117080 | 5.76268519 | 32.66878 | -117.123333 | 5.93125 | 32.66774 | -117.122227 |
| 5.6040046 | 32.672753 | -117.117107 | 5.7628588 | 32.66879 | -117.123333 | 5.93142361 | 32.66774 | -117.122227 |
| 5.6041667 | 32.672743 | -117.117120 | 5.76303241 | 32.66876 | -117.123333 | 5.93159722 | 32.66774 | -117.122227 |
| 5.6043403 | 32.672727 | -117.117133 | 5.76320602 | 32.66872 | -117.123373 | 5.93177083 | 32.66774 | -117.122227 |
| 5.6045255 | 32.672713 | -117.117133 | 5.76337963 | 32.66871 | -117.123387 | 5.93211806 | 32.66773 | -117.122227 |
| 5.6046991 | 32.672707 | -117.117133 | 5.76355324 | 32.66871 | -117.123373 | 5.93229167 | 32.66773 | -117.122227 |
| 5.6048727 | 32.672693 | -117.117173 | 5.76372685 | 32.66869 | -117.123387 | 5.93246528 | 32.66774 | -117.122213 |
| 5.6050347 | 32.672690 | -117.117187 | 5.76390046 | 32.66871 | -117.123333 | 5.93263889 | 32.66775 | -117.122227 |
| 5.6052083 | 32.672683 | -117.117200 | 5.76407407 | 32.66871 | -117.12332 | 5.9328125 | 32.66775 | -117.122227 |
| 5.6053819 | 32.672690 | -117.117227 | 5.76424769 | 32.6687 | -117.12332 | 5.93299769 | 32.66776 | -117.122227 |
| 5.6055671 | 32.672683 | -117.117253 | 5.7644213 | 32.66868 | -117.123333 | 5.9331713 | 32.66777 | -117.122213 |
| 5.6057407 | 32.672683 | -117.117267 | 5.76459491 | 32.66864 | -117.123307 | 5.93334491 | 32.66779 | -117.122227 |
| 5.6059144 | 32.672680 | -117.117280 | 5.76494213 | 32.66859 | -117.12328 | 5.93351852 | 32.66779 | -117.122213 |
| 5.6060764 | 32.672677 | -117.117307 | 5.76511574 | 32.66858 | -117.12328 | 5.93369213 | 32.66778 | -117.122213 |
| 5.6062500 | 32.672670 | -117.117320 | 5.76528935 | 32.66858 | -117.123253 | 5.93386574 | 32.66778 | -117.1222 |
| 5.6064236 | 32.672660 | -117.117333 | 5.76546296 | 32.66858 | -117.12324 | 5.93403935 | 32.66778 | -117.1222 |
| 5.6066088 | 32.672653 | -117.117347 | 5.76563657 | 32.66855 | -117.12324 | 5.93421296 | 32.66778 | -117.1222 |
| 5.6069560 | 32.672647 | -117.117387 | 5.76581019 | 32.66855 | -117.123227 | 5.93438657 | 32.6678 | -117.1222 |
| 5.6071296 | 32.672640 | -117.117400 | 5.7659838 | 32.66856 | -117.1232 | 5.93456019 | 32.66778 | -117.122187 |
| 5.6073032 | 32.672637 | -117.117413 | 5.76615741 | 32.66855 | -117.12316 | 5.9347338 | 32.66778 | -117.122187 |
| 5.6074769 | 32.672633 | -117.117427 | 5.76633102 | 32.66854 | -117.123147 | 5.93490741 | 32.66774 | -117.122213 |
| 5.6076389 | 32.672633 | -117.117453 | 5.76650463 | 32.66854 | -117.12316 | 5.93508102 | 32.66773 | -117.1222 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6078125 | 32.672623 | -117.117467 | 5.76666667 | 32.66852 | -117.123133 | 5.93525463 | 32.66773 | -117.1222 |
| 5.6079977 | 32.672620 | -117.117480 | 5.76684028 | 32.66852 | -117.123107 | 5.93542824 | 32.66772 | -117.1222 |
| 5.6081713 | 32.672617 | -117.117493 | 5.76701389 | 32.66852 | -117.123107 | 5.93577546 | 32.6677 | -117.122187 |
| 5.6083449 | 32.672610 | -117.117507 | 5.7671875 | 32.6685 | -117.123107 | 5.93594907 | 32.6677 | -117.122187 |
| 5.6085069 | 32.672610 | -117.117533 | 5.76736111 | 32.66849 | -117.123093 | 5.93612269 | 32.6677 | -117.122173 |
| 5.6086806 | 32.672607 | -117.117547 | 5.76753472 | 32.66848 | -117.12308 | 5.9362963 | 32.6677 | -117.122173 |
| 5.6088542 | 32.672607 | -117.117573 | 5.76771991 | 32.66848 | -117.12308 | 5.93646991 | 32.66771 | -117.122173 |
| 5.6090394 | 32.672600 | -117.117600 | 5.76789352 | 32.66847 | -117.123067 | 5.93664352 | 32.6677 | -117.122173 |
| 5.6092130 | 32.672597 | -117.117600 | 5.76806713 | 32.66847 | -117.123067 | 5.93681713 | 32.66771 | -117.122147 |
| 5.6093866 | 32.672597 | -117.117613 | 5.76824074 | 32.66846 | -117.123053 | 5.93699074 | 32.6677 | -117.122147 |
| 5.6095486 | 32.672597 | -117.117627 | 5.76875 | 32.66845 | -117.123013 | 5.93716435 | 32.66773 | -117.12212 |
| 5.6097222 | 32.672590 | -117.117653 | 5.76893519 | 32.66844 | -117.123013 | 5.93733796 | 32.66772 | -117.12212 |
| 5.6098958 | 32.672587 | -117.117653 | 5.7691088 | 32.66842 | -117.122987 | 5.9375 | 32.66771 | -117.122133 |
| 5.6100810 | 32.672583 | -117.117680 | 5.76928241 | 32.66842 | -117.123 | 5.93767361 | 32.6677 | -117.122133 |
| 5.6102546 | 32.672573 | -117.117693 | 5.76945602 | 32.6684 | -117.123 | 5.93784722 | 32.66767 | -117.122133 |
| 5.6107639 | 32.672563 | -117.117747 | 5.76962963 | 32.6684 | -117.122987 | 5.93802083 | 32.66767 | -117.122133 |
| 5.6109491 | 32.672560 | -117.117760 | 5.76980324 | 32.66839 | -117.12296 | 5.93819444 | 32.66766 | -117.122133 |
| 5.6111227 | 32.672553 | -117.117787 | 5.76997685 | 32.66838 | -117.122947 | 5.93836806 | 32.66766 | -117.122133 |
| 5.6112963 | 32.672543 | -117.117800 | 5.77013889 | 32.66839 | -117.122933 | 5.93855324 | 32.66766 | -117.122133 |
| 5.6114699 | 32.672537 | -117.117800 | 5.7703125 | 32.66839 | -117.122933 | 5.93872685 | 32.66766 | -117.122133 |
| 5.6116435 | 32.672533 | -117.117800 | 5.77048611 | 32.66839 | -117.122907 | 5.93890046 | 32.66765 | -117.122133 |
| 5.6118171 | 32.672530 | -117.117840 | 5.77065972 | 32.6684 | -117.122907 | 5.93907407 | 32.66765 | -117.122133 |
| 5.6119907 | 32.672523 | -117.117853 | 5.77083333 | 32.6684 | -117.12288 | 5.93959491 | 32.66764 | -117.12212 |
| 5.6121644 | 32.672517 | -117.117867 | 5.77100694 | 32.6684 | -117.122867 | 5.93976852 | 32.66765 | -117.122133 |
| 5.6123380 | 32.672510 | -117.117893 | 5.77122685 | 32.66841 | -117.122867 | 5.93993056 | 32.66767 | -117.122133 |
| 5.6125000 | 32.672500 | -117.117893 | 5.77135417 | 32.66841 | -117.122853 | 5.94010417 | 32.66767 | -117.122133 |
| 5.6126736 | 32.672497 | -117.117920 | 5.77152778 | 32.6684 | -117.122853 | 5.94027778 | 32.66766 | -117.122133 |
| 5.6128472 | 32.672493 | -117.117933 | 5.77170139 | 32.6684 | -117.122853 | 5.94045139 | 32.66766 | -117.122133 |
| 5.6130208 | 32.672487 | -117.117933 | 5.77188657 | 32.66841 | -117.12284 | 5.940625 | 32.66766 | -117.122133 |
| 5.6131944 | 32.672487 | -117.117947 | 5.77206019 | 32.6684 | -117.122813 | 5.94079861 | 32.66764 | -117.122133 |
| 5.6133681 | 32.672477 | -117.117947 | 5.7737963 | 32.6684 | -117.122733 | 5.94097222 | 32.66764 | -117.122133 |
| 5.6135532 | 32.672473 | -117.117987 | 5.77396991 | 32.6684 | -117.12272 | 5.94114583 | 32.66764 | -117.122133 |
| 5.6137269 | 32.672473 | -117.118000 | 5.77414352 | 32.66841 | -117.122693 | 5.94133102 | 32.66764 | -117.122133 |
| 5.6139005 | 32.672467 | -117.118013 | 5.77431713 | 32.66839 | -117.122707 | 5.94150463 | 32.66764 | -117.122133 |
| 5.6140625 | 32.672467 | -117.118040 | 5.77449074 | 32.66836 | -117.12272 | 5.94167824 | 32.66764 | -117.122133 |
| 5.6144097 | 32.672453 | -117.118053 | 5.77466435 | 32.66832 | -117.122667 | 5.94185185 | 32.66763 | -117.12212 |
| 5.6145833 | 32.672450 | -117.118067 | 5.77483796 | 32.66831 | -117.122667 | 5.94202546 | 32.66764 | -117.122133 |
| 5.6147685 | 32.672443 | -117.118080 | 5.77501157 | 32.6683 | -117.122693 | 5.94219907 | 32.66764 | -117.122133 |
| 5.6149421 | 32.672437 | -117.118093 | 5.77518519 | 32.6683 | -117.122693 | 5.94237269 | 32.66762 | -117.12212 |
| 5.6151157 | 32.672433 | -117.118120 | 5.7753588 | 32.66829 | -117.122693 | 5.9425463 | 32.66764 | -117.122133 |
| 5.6152778 | 32.672430 | -117.118133 | 5.77553241 | 32.66828 | -117.122667 | 5.94270833 | 32.66763 | -117.122133 |
| 5.6154514 | 32.672423 | -117.118147 | 5.77570602 | 32.6683 | -117.122693 | 5.94288194 | 32.66763 | -117.122133 |
| 5.6156481 | 32.672420 | -117.118160 | 5.77587963 | 32.6683 | -117.122693 | 5.94340278 | 32.66761 | -117.122147 |
| 5.6157986 | 32.672420 | -117.118187 | 5.77605324 | 32.66828 | -117.122667 | 5.94357639 | 32.6676 | -117.122173 |
| 5.6159838 | 32.672417 | -117.118200 | 5.77622685 | 32.66828 | -117.122667 | 5.94375 | 32.6676 | -117.122173 |
| 5.6161574 | 32.672413 | -117.118213 | 5.77638889 | 32.66827 | -117.122667 | 5.94396991 | 32.66759 | -117.122187 |
| 5.6163310 | 32.672407 | -117.118213 | 5.7765625 | 32.66828 | -117.122667 | 5.94409722 | 32.66759 | -117.122187 |
| 5.6164931 | 32.672403 | -117.118240 | 5.77673611 | 32.66828 | -117.122667 | 5.94427083 | 32.66759 | -117.122187 |
| 5.6166667 | 32.672403 | -117.118240 | 5.77690972 | 32.66828 | -117.12264 | 5.94444444 | 32.66759 | -117.122187 |
| 5.6168403 | 32.672400 | -117.118267 | 5.77708333 | 32.66829 | -117.12264 | 5.94462963 | 32.6676 | -117.1222 |
| 5.6170255 | 32.672400 | -117.118280 | 5.77744213 | 32.6683 | -117.122613 | 5.94480324 | 32.66759 | -117.122187 |
| 5.6171991 | 32.672400 | -117.118280 | 5.77761574 | 32.6683 | -117.122613 | 5.94497685 | 32.66758 | -117.122173 |
| 5.6173727 | 32.672397 | -117.118307 | 5.77778935 | 32.66829 | -117.122613 | 5.94515046 | 32.66759 | -117.122173 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6175463 | 32.672397 | -117.118333 | 5.77796296 | 32.6683 | -117.122587 | 5.94532407 | 32.66759 | -117.122173 |
| 5.6177083 | 32.672393 | -117.118333 | 5.77813657 | 32.66831 | -117.12256 | 5.94549769 | 32.66759 | -117.122173 |
| 5.6184028 | 32.672370 | -117.118373 | 5.77829861 | 32.66831 | -117.12256 | 5.9456713 | 32.66759 | -117.122173 |
| 5.6185764 | 32.672367 | -117.118387 | 5.77847222 | 32.66832 | -117.122547 | 5.94584491 | 32.66758 | -117.122187 |
| 5.6187963 | 32.672363 | -117.118387 | 5.77864583 | 32.66831 | -117.122547 | 5.94601852 | 32.66758 | -117.122187 |
| 5.6189352 | 32.672360 | -117.118413 | 5.77881944 | 32.66831 | -117.122547 | 5.94619213 | 32.66758 | -117.122147 |
| 5.6191088 | 32.672357 | -117.118427 | 5.77899306 | 32.66832 | -117.12252 | 5.94636574 | 32.66759 | -117.122173 |
| 5.6192824 | 32.672357 | -117.118440 | 5.77916667 | 32.66832 | -117.12252 | 5.94653935 | 32.66759 | -117.122147 |
| 5.6194444 | 32.672357 | -117.118453 | 5.77934028 | 32.66832 | -117.12252 | 5.94671296 | 32.6676 | -117.122147 |
| 5.6196181 | 32.672350 | -117.118467 | 5.77951389 | 32.66832 | -117.12252 | 5.94706019 | 32.6676 | -117.122147 |
| 5.6197917 | 32.672347 | -117.118467 | 5.77969907 | 32.66832 | -117.12252 | 5.9472338 | 32.66759 | -117.122147 |
| 5.6199769 | 32.672340 | -117.118493 | 5.77987269 | 32.66831 | -117.12252 | 5.94740741 | 32.66759 | -117.122147 |
| 5.6201505 | 32.672333 | -117.118507 | 5.7800463 | 32.66833 | -117.12248 | 5.94758102 | 32.66759 | -117.122173 |
| 5.6203241 | 32.672330 | -117.118520 | 5.78021991 | 32.66836 | -117.122467 | 5.94774306 | 32.66759 | -117.122173 |
| 5.6204977 | 32.672327 | -117.118520 | 5.78039352 | 32.66836 | -117.122467 | 5.94791667 | 32.66759 | -117.122173 |
| 5.6206597 | 32.672323 | -117.118533 | 5.78056713 | 32.66837 | -117.12244 | 5.94809028 | 32.66758 | -117.122173 |
| 5.6208333 | 32.672320 | -117.118560 | 5.78074074 | 32.66842 | -117.122467 | 5.94826389 | 32.66757 | -117.122187 |
| 5.6210069 | 32.672320 | -117.118560 | 5.78108796 | 32.66843 | -117.12244 | 5.9484375 | 32.66757 | -117.122187 |
| 5.6211921 | 32.672310 | -117.118573 | 5.78126157 | 32.66842 | -117.122427 | 5.94862269 | 32.66757 | -117.122173 |
| 5.6213657 | 32.672310 | -117.118587 | 5.78143519 | 32.66842 | -117.122427 | 5.9487963 | 32.66757 | -117.122173 |
| 5.6215394 | 32.672307 | -117.118600 | 5.7816088 | 32.66843 | -117.122427 | 5.94896991 | 32.66757 | -117.122173 |
| 5.6217014 | 32.672307 | -117.118600 | 5.78178241 | 32.66842 | -117.122427 | 5.94914352 | 32.66756 | -117.122173 |
| 5.6220486 | 32.672297 | -117.118613 | 5.78194444 | 32.6684 | -117.12244 | 5.94931713 | 32.6676 | -117.122173 |
| 5.6222222 | 32.672303 | -117.118640 | 5.78211806 | 32.66841 | -117.122467 | 5.94949074 | 32.66758 | -117.122173 |
| 5.6223958 | 32.672297 | -117.118653 | 5.78229167 | 32.66842 | -117.12244 | 5.94965278 | 32.6676 | -117.122173 |
| 5.6225810 | 32.672290 | -117.118667 | 5.78246528 | 32.66843 | -117.12244 | 5.94982639 | 32.66759 | -117.122173 |
| 5.6227546 | 32.672287 | -117.118680 | 5.78265046 | 32.66843 | -117.122427 | 5.95001157 | 32.66757 | -117.122187 |
| 5.6229282 | 32.672283 | -117.118707 | 5.78282407 | 32.66842 | -117.122413 | 5.95018519 | 32.66759 | -117.122173 |
| 5.6231019 | 32.672277 | -117.118707 | 5.78299769 | 32.66841 | -117.122427 | 5.9503588 | 32.66757 | -117.122187 |
| 5.6232639 | 32.672273 | -117.118720 | 5.78315972 | 32.66841 | -117.122413 | 5.95070602 | 32.66756 | -117.122187 |
| 5.6234375 | 32.672273 | -117.118720 | 5.78333333 | 32.66842 | -117.122413 | 5.95087963 | 32.66754 | -117.122187 |
| 5.6236111 | 32.672267 | -117.118733 | 5.78351852 | 32.66841 | -117.122373 | 5.95105324 | 32.66756 | -117.122187 |
| 5.6237963 | 32.672260 | -117.118733 | 5.78369213 | 32.66844 | -117.122373 | 5.95122685 | 32.66756 | -117.122173 |
| 5.6239699 | 32.672257 | -117.118747 | 5.78386574 | 32.66845 | -117.12236 | 5.95138889 | 32.66756 | -117.122173 |
| 5.6241435 | 32.672253 | -117.118747 | 5.78403935 | 32.66843 | -117.122333 | 5.9515625 | 32.66755 | -117.122173 |
| 5.6243171 | 32.672250 | -117.118760 | 5.78420139 | 32.66843 | -117.12232 | 5.95173611 | 32.66754 | -117.122187 |
| 5.6244792 | 32.672250 | -117.118760 | 5.784375 | 32.66842 | -117.122293 | 5.95190972 | 32.66754 | -117.122173 |
| 5.6246528 | 32.672250 | -117.118760 | 5.7847338 | 32.66841 | -117.12232 | 5.95209491 | 32.66753 | -117.122173 |
| 5.6248380 | 32.672247 | -117.118760 | 5.78490741 | 32.66839 | -117.122293 | 5.95226852 | 32.66754 | -117.122147 |
| 5.6250116 | 32.672247 | -117.118787 | 5.78506944 | 32.66843 | -117.122293 | 5.95244213 | 32.66755 | -117.122173 |
| 5.6251852 | 32.672240 | -117.118800 | 5.78524306 | 32.66843 | -117.122293 | 5.95260417 | 32.66754 | -117.122147 |
| 5.6253472 | 32.672237 | -117.118800 | 5.78541667 | 32.66844 | -117.12228 | 5.95277778 | 32.66753 | -117.122147 |
| 5.6257060 | 32.672230 | -117.118813 | 5.78560185 | 32.66843 | -117.122293 | 5.95296296 | 32.66753 | -117.122147 |
| 5.6258796 | 32.672223 | -117.118827 | 5.78577546 | 32.66844 | -117.122267 | 5.95313657 | 32.66752 | -117.122133 |
| 5.6260417 | 32.672223 | -117.118853 | 5.78594907 | 32.66844 | -117.122267 | 5.95331019 | 32.66753 | -117.122133 |
| 5.6262153 | 32.672220 | -117.118853 | 5.78612269 | 32.66843 | -117.122267 | 5.95347222 | 32.66751 | -117.122133 |
| 5.6263889 | 32.672217 | -117.118867 | 5.7862963 | 32.66845 | -117.12228 | 5.95364583 | 32.6675 | -117.122133 |
| 5.6265625 | 32.672213 | -117.118880 | 5.78645833 | 32.66846 | -117.122293 | 5.95381944 | 32.6675 | -117.12212 |
| 5.6267477 | 32.672210 | -117.118893 | 5.78663194 | 32.66848 | -117.122267 | 5.95400463 | 32.6675 | -117.12212 |
| 5.6269213 | 32.672210 | -117.118907 | 5.78680556 | 32.66849 | -117.122267 | 5.95452546 | 32.6675 | -117.12208 |
| 5.6270833 | 32.672210 | -117.118907 | 5.78697917 | 32.66849 | -117.122253 | 5.95469907 | 32.66749 | -117.12208 |
| 5.6272569 | 32.672210 | -117.118933 | 5.78715278 | 32.6685 | -117.122213 | 5.95487269 | 32.6675 | -117.12208 |
| 5.6274769 | 32.672210 | -117.118933 | 5.78732639 | 32.66848 | -117.1222 | 5.95503472 | 32.6675 | -117.12208 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6276157 | 32.672210 | -117.118933 | 5.78751157 | 32.66843 | -117.122133 | 5.95520833 | 32.6675 | -117.122067 |
| 5.6277894 | 32.672203 | -117.118933 | 5.78768519 | 32.66841 | -117.122133 | 5.95538194 | 32.6675 | -117.122067 |
| 5.6279630 | 32.672203 | -117.118933 | 5.7878588 | 32.66842 | -117.122133 | 5.95556713 | 32.66752 | -117.122053 |
| 5.6281366 | 32.672203 | -117.118933 | 5.78803241 | 32.66846 | -117.122173 | 5.95574074 | 32.66752 | -117.12204 |
| 5.6283102 | 32.672203 | -117.118933 | 5.78854167 | 32.6684 | -117.12208 | 5.95591435 | 32.66751 | -117.122053 |
| 5.6284722 | 32.672203 | -117.118933 | 5.78871528 | 32.66842 | -117.122133 | 5.95607639 | 32.6675 | -117.122067 |
| 5.6286458 | 32.672203 | -117.118933 | 5.78888889 | 32.66842 | -117.12212 | 5.95625 | 32.6675 | -117.122053 |
| 5.6288310 | 32.672203 | -117.118947 | 5.78907407 | 32.66845 | -117.122133 | 5.95642361 | 32.6675 | -117.122053 |
| 5.6290046 | 32.672200 | -117.118947 | 5.78924769 | 32.66845 | -117.12212 | 5.9566088 | 32.6675 | -117.122053 |
| 5.6295255 | 32.672177 | -117.118973 | 5.7894213 | 32.66847 | -117.122133 | 5.95678241 | 32.6675 | -117.122053 |
| 5.6296875 | 32.672173 | -117.119000 | 5.78959491 | 32.6685 | -117.122147 | 5.95695602 | 32.6675 | -117.122053 |
| 5.6298611 | 32.672167 | -117.119000 | 5.78976852 | 32.66843 | -117.12208 | 5.95712963 | 32.6675 | -117.122 |
| 5.6300347 | 32.672167 | -117.119000 | 5.78994213 | 32.66844 | -117.12208 | 5.95729167 | 32.66749 | -117.122 |
| 5.6302199 | 32.672160 | -117.119000 | 5.79011574 | 32.66843 | -117.12208 | 5.95746528 | 32.6675 | -117.122 |
| 5.6303935 | 32.672153 | -117.119000 | 5.79028935 | 32.66843 | -117.12208 | 5.95765046 | 32.6675 | -117.122 |
| 5.6305671 | 32.672147 | -117.119013 | 5.79045139 | 32.66844 | -117.122067 | 5.95782407 | 32.66751 | -117.122 |
| 5.6307292 | 32.672143 | -117.119013 | 5.790625 | 32.6684 | -117.122 | 5.95834491 | 32.66749 | -117.122 |
| 5.6309028 | 32.672143 | -117.119013 | 5.79079861 | 32.6684 | -117.122 | 5.95851852 | 32.66749 | -117.122 |
| 5.6310764 | 32.672137 | -117.119040 | 5.79097222 | 32.6684 | -117.122 | 5.95869213 | 32.6675 | -117.121987 |
| 5.6312500 | 32.672137 | -117.119040 | 5.79114583 | 32.66847 | -117.122 | 5.95885417 | 32.66749 | -117.122 |
| 5.6314236 | 32.672117 | -117.119053 | 5.79131944 | 32.66848 | -117.122 | 5.95902778 | 32.66749 | -117.122 |
| 5.6315972 | 32.672117 | -117.119080 | 5.79150463 | 32.6685 | -117.122027 | 5.95921296 | 32.66749 | -117.122 |
| 5.6317708 | 32.672107 | -117.119093 | 5.79167824 | 32.66848 | -117.122027 | 5.95938657 | 32.66749 | -117.122 |
| 5.6319444 | 32.672087 | -117.119120 | 5.79185185 | 32.66848 | -117.122053 | 5.95956019 | 32.66748 | -117.122 |
| 5.6321181 | 32.672083 | -117.119147 | 5.79236111 | 32.6685 | -117.122053 | 5.9597338 | 32.66748 | -117.122 |
| 5.6322917 | 32.672073 | -117.119147 | 5.79253472 | 32.66851 | -117.12208 | 5.95989583 | 32.66748 | -117.121987 |
| 5.6324653 | 32.672057 | -117.119173 | 5.79270833 | 32.66852 | -117.12208 | 5.96006944 | 32.66748 | -117.121987 |
| 5.6326389 | 32.672050 | -117.119187 | 5.79288194 | 32.66853 | -117.12208 | 5.96024306 | 32.66747 | -117.121973 |
| 5.6328241 | 32.672043 | -117.119187 | 5.79305556 | 32.66855 | -117.12208 | 5.96042824 | 32.66746 | -117.121973 |
| 5.6333449 | 32.672007 | -117.119200 | 5.79324074 | 32.66853 | -117.12208 | 5.96060185 | 32.66745 | -117.12196 |
| 5.6335185 | 32.671997 | -117.119227 | 5.79341435 | 32.66853 | -117.12208 | 5.96077546 | 32.66746 | -117.121947 |
| 5.6336921 | 32.671983 | -117.119240 | 5.79358796 | 32.66853 | -117.12208 | 5.9609375 | 32.66746 | -117.121947 |
| 5.6338657 | 32.671980 | -117.119253 | 5.79375 | 32.66857 | -117.122067 | 5.96111111 | 32.66745 | -117.121947 |
| 5.6340394 | 32.671960 | -117.119293 | 5.79392361 | 32.66859 | -117.122053 | 5.96128472 | 32.66745 | -117.121947 |
| 5.6342130 | 32.671957 | -117.119293 | 5.79409722 | 32.66855 | -117.122027 | 5.96146991 | 32.66745 | -117.12192 |
| 5.6343866 | 32.671947 | -117.119293 | 5.79427083 | 32.66858 | -117.122 | 5.96164352 | 32.66745 | -117.12192 |
| 5.6345602 | 32.671940 | -117.119320 | 5.79444444 | 32.66858 | -117.122 | 5.96215278 | 32.66743 | -117.12188 |
| 5.6347338 | 32.671933 | -117.119320 | 5.79461806 | 32.66858 | -117.122 | 5.96233796 | 32.66743 | -117.121853 |
| 5.6349074 | 32.671923 | -117.119333 | 5.79479167 | 32.66858 | -117.122 | 5.96251157 | 32.66742 | -117.121853 |
| 5.6350810 | 32.671910 | -117.119333 | 5.79496528 | 32.66858 | -117.122 | 5.96268519 | 32.66741 | -117.121853 |
| 5.6352546 | 32.671900 | -117.119347 | 5.79515046 | 32.66858 | -117.122 | 5.9628588 | 32.66742 | -117.121853 |
| 5.6354282 | 32.671887 | -117.119347 | 5.79532407 | 32.66858 | -117.122 | 5.96302083 | 32.66742 | -117.12184 |
| 5.6356019 | 32.671877 | -117.119347 | 5.79549769 | 32.66858 | -117.122 | 5.96319444 | 32.66742 | -117.121813 |
| 5.6357755 | 32.671867 | -117.119373 | 5.7956713 | 32.66858 | -117.122 | 5.96337963 | 32.6674 | -117.1218 |
| 5.6359375 | 32.671860 | -117.119387 | 5.79600694 | 32.66858 | -117.122 | 5.96355324 | 32.6674 | -117.1218 |
| 5.6361111 | 32.671850 | -117.119387 | 5.79618056 | 32.66858 | -117.122 | 5.96372685 | 32.6674 | -117.1218 |
| 5.6362847 | 32.671843 | -117.119387 | 5.79635417 | 32.66858 | -117.122 | 5.96388889 | 32.66742 | -117.1218 |
| 5.6364583 | 32.671827 | -117.119400 | 5.79652778 | 32.66858 | -117.122027 | 5.9640625 | 32.66742 | -117.1218 |
| 5.6366435 | 32.671813 | -117.119400 | 5.79671296 | 32.66859 | -117.122027 | 5.96424769 | 32.66741 | -117.1218 |
| 5.6371528 | 32.671780 | -117.119413 | 5.79688657 | 32.66859 | -117.122027 | 5.9644213 | 32.6674 | -117.1218 |
| 5.6373264 | 32.671777 | -117.119413 | 5.79706019 | 32.66859 | -117.122027 | 5.96459491 | 32.66741 | -117.121773 |
| 5.6375000 | 32.671767 | -117.119440 | 5.7972338 | 32.66859 | -117.122027 | 5.96476852 | 32.66741 | -117.12176 |
| 5.6376852 | 32.671753 | -117.119440 | 5.79740741 | 32.66859 | -117.122027 | 5.96493056 | 32.66739 | -117.12176 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6378588 | 32.671743 | -117.119440 | 5.79758102 | 32.66859 | -117.122027 | 5.96510417 | 32.6674 | -117.12176 |
| 5.6380324 | 32.671733 | -117.119453 | 5.79775463 | 32.66859 | -117.122027 | 5.96528935 | 32.6674 | -117.121747 |
| 5.6382060 | 32.671720 | -117.119453 | 5.79792824 | 32.66859 | -117.122027 | 5.96546296 | 32.6674 | -117.121733 |
| 5.6383796 | 32.671707 | -117.119453 | 5.79810185 | 32.66859 | -117.122027 | 5.96597222 | 32.6674 | -117.121733 |
| 5.6385532 | 32.671700 | -117.119467 | 5.79827546 | 32.66859 | -117.122027 | 5.96615741 | 32.6674 | -117.121707 |
| 5.6387269 | 32.671687 | -117.119467 | 5.79844907 | 32.66859 | -117.122027 | 5.96633102 | 32.6674 | -117.121707 |
| 5.6389005 | 32.671677 | -117.119480 | 5.79862269 | 32.66859 | -117.122027 | 5.96650463 | 32.66739 | -117.121693 |
| 5.6390741 | 32.671667 | -117.119480 | 5.7987963 | 32.6686 | -117.12204 | 5.96666667 | 32.66738 | -117.12168 |
| 5.6392361 | 32.671657 | -117.119493 | 5.79896991 | 32.6686 | -117.122053 | 5.96684028 | 32.66737 | -117.121667 |
| 5.6394097 | 32.671643 | -117.119493 | 5.79913194 | 32.6686 | -117.122067 | 5.96701389 | 32.66735 | -117.121667 |
| 5.6395833 | 32.671630 | -117.119520 | 5.79930556 | 32.66859 | -117.122067 | 5.96719907 | 32.66735 | -117.121627 |
| 5.6397685 | 32.671620 | -117.119520 | 5.80001157 | 32.66862 | -117.122133 | 5.96737269 | 32.66735 | -117.121613 |
| 5.6399421 | 32.671613 | -117.119533 | 5.80018519 | 32.66862 | -117.122147 | 5.9675463 | 32.66735 | -117.121613 |
| 5.6401157 | 32.671597 | -117.119533 | 5.8003588 | 32.66863 | -117.122147 | 5.96771991 | 32.66736 | -117.1216 |
| 5.6402894 | 32.671587 | -117.119547 | 5.80053241 | 32.66863 | -117.122173 | 5.96789352 | 32.66735 | -117.121587 |
| 5.6404630 | 32.671573 | -117.119547 | 5.80070602 | 32.66863 | -117.122173 | 5.96805556 | 32.66734 | -117.12156 |
| 5.6408102 | 32.671547 | -117.119587 | 5.80087963 | 32.66863 | -117.122173 | 5.96822917 | 32.66735 | -117.12156 |
| 5.6409722 | 32.671537 | -117.119587 | 5.80105324 | 32.66863 | -117.122173 | 5.96840278 | 32.66737 | -117.121533 |
| 5.6411458 | 32.671527 | -117.119600 | 5.80121528 | 32.66863 | -117.122173 | 5.96858796 | 32.66736 | -117.12152 |
| 5.6413194 | 32.671510 | -117.119600 | 5.80138889 | 32.66863 | -117.122187 | 5.96876157 | 32.66736 | -117.121507 |
| 5.6414931 | 32.671503 | -117.119613 | 5.8015625 | 32.66863 | -117.122187 | 5.96893519 | 32.66735 | -117.121507 |
| 5.6416667 | 32.671493 | -117.119613 | 5.80173611 | 32.66863 | -117.122187 | 5.9691088 | 32.66735 | -117.12152 |
| 5.6418519 | 32.671477 | -117.119627 | 5.8019213 | 32.66863 | -117.122187 | 5.96928241 | 32.66736 | -117.12148 |
| 5.6420255 | 32.671467 | -117.119640 | 5.80209491 | 32.66863 | -117.122213 | 5.96980324 | 32.66735 | -117.12144 |
| 5.6421991 | 32.671453 | -117.119667 | 5.80226852 | 32.66864 | -117.122227 | 5.96997685 | 32.66736 | -117.121413 |
| 5.6423727 | 32.671440 | -117.119667 | 5.80244213 | 32.66864 | -117.122227 | 5.97015046 | 32.66734 | -117.1214 |
| 5.6425347 | 32.671430 | -117.119667 | 5.80260417 | 32.66864 | -117.122227 | 5.97032407 | 32.66734 | -117.1214 |
| 5.6427083 | 32.671417 | -117.119667 | 5.80277778 | 32.66863 | -117.122227 | 5.97048611 | 32.66735 | -117.121387 |
| 5.6428819 | 32.671407 | -117.119680 | 5.80295139 | 32.66863 | -117.122227 | 5.97065972 | 32.66735 | -117.12136 |
| 5.6430556 | 32.671393 | -117.119693 | 5.803125 | 32.66862 | -117.122253 | 5.97083333 | 32.66735 | -117.121333 |
| 5.6432407 | 32.671383 | -117.119707 | 5.80329861 | 32.6686 | -117.122293 | 5.97100694 | 32.66735 | -117.121333 |
| 5.6434144 | 32.671373 | -117.119720 | 5.8037037 | 32.6686 | -117.122293 | 5.97119213 | 32.66735 | -117.121307 |
| 5.6435880 | 32.671357 | -117.119720 | 5.80383102 | 32.6686 | -117.122293 | 5.97136574 | 32.66735 | -117.121293 |
| 5.6437616 | 32.671347 | -117.119720 | 5.80400463 | 32.6686 | -117.12232 | 5.97153935 | 32.66735 | -117.121267 |
| 5.6439352 | 32.671337 | -117.119720 | 5.80416667 | 32.66859 | -117.12232 | 5.97170139 | 32.66734 | -117.121267 |
| 5.6440972 | 32.671327 | -117.119747 | 5.80434028 | 32.66859 | -117.12232 | 5.971875 | 32.66735 | -117.121253 |
| 5.6446296 | 32.671300 | -117.119787 | 5.80451389 | 32.66862 | -117.122347 | 5.97204861 | 32.66733 | -117.121213 |
| 5.6448032 | 32.671290 | -117.119813 | 5.80469907 | 32.66862 | -117.122333 | 5.9722338 | 32.66736 | -117.121227 |
| 5.6449769 | 32.671280 | -117.119813 | 5.80487269 | 32.66861 | -117.122333 | 5.97240741 | 32.66735 | -117.121213 |
| 5.6451389 | 32.671273 | -117.119813 | 5.8050463 | 32.6686 | -117.122373 | 5.97258102 | 32.66734 | -117.121187 |
| 5.6453125 | 32.671263 | -117.119827 | 5.80521991 | 32.6686 | -117.122373 | 5.97275463 | 32.66734 | -117.121173 |
| 5.6454977 | 32.671250 | -117.119827 | 5.80539352 | 32.66862 | -117.122373 | 5.97291667 | 32.66733 | -117.121147 |
| 5.6456713 | 32.671237 | -117.119853 | 5.80556713 | 32.66863 | -117.1224 | 5.97309028 | 32.66734 | -117.121147 |
| 5.6458449 | 32.671223 | -117.119853 | 5.80574074 | 32.66864 | -117.1224 | 5.9734375 | 32.66733 | -117.121107 |
| 5.6460069 | 32.671217 | -117.119867 | 5.80591435 | 32.66867 | -117.122427 | 5.97362269 | 32.66733 | -117.121067 |
| 5.6461806 | 32.671203 | -117.119867 | 5.80608796 | 32.66866 | -117.12244 | 5.9737963 | 32.66733 | -117.121067 |
| 5.6463542 | 32.671190 | -117.119867 | 5.80626157 | 32.66865 | -117.122467 | 5.97396991 | 32.66733 | -117.12104 |
| 5.6465394 | 32.671180 | -117.119867 | 5.80643519 | 32.66864 | -117.122467 | 5.97413194 | 32.66733 | -117.121013 |
| 5.6467130 | 32.671177 | -117.119907 | 5.8066088 | 32.66864 | -117.12248 | 5.97430556 | 32.66733 | -117.121 |
| 5.6468866 | 32.671163 | -117.119920 | 5.80678241 | 32.66863 | -117.122493 | 5.97447917 | 32.66732 | -117.120973 |
| 5.6470602 | 32.671153 | -117.119920 | 5.80695602 | 32.66862 | -117.122507 | 5.97466435 | 32.66732 | -117.12096 |
| 5.6472222 | 32.671143 | -117.119933 | 5.80747685 | 32.66865 | -117.12248 | 5.97483796 | 32.66732 | -117.120947 |
| 5.6473958 | 32.671140 | -117.119960 | 5.80765046 | 32.66866 | -117.12248 | 5.97501157 | 32.66731 | -117.120933 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6475694 | 32.671123 | -117.119960 | 5.80782407 | 32.66863 | -117.122493 | 5.97518519 | 32.6673 | -117.12092 |
| 5.6477546 | 32.671117 | -117.119960 | 5.80799769 | 32.66863 | -117.122507 | 5.97534722 | 32.66731 | -117.120893 |
| 5.6479282 | 32.671103 | -117.119987 | 5.8081713 | 32.66863 | -117.12252 | 5.97552083 | 32.66732 | -117.12088 |
| 5.6484375 | 32.671077 | -117.120013 | 5.80834491 | 32.66863 | -117.12252 | 5.97574074 | 32.66733 | -117.120853 |
| 5.6486111 | 32.671067 | -117.120013 | 5.80851852 | 32.66863 | -117.12252 | 5.97587963 | 32.66733 | -117.120853 |
| 5.6487847 | 32.671060 | -117.120013 | 5.80869213 | 32.66864 | -117.12252 | 5.97605324 | 32.66734 | -117.120813 |
| 5.6489699 | 32.671050 | -117.120040 | 5.80886574 | 32.66864 | -117.12252 | 5.97622685 | 32.66733 | -117.1208 |
| 5.6491435 | 32.671037 | -117.120053 | 5.80903935 | 32.66865 | -117.12248 | 5.97640046 | 32.66732 | -117.120787 |
| 5.6493171 | 32.671030 | -117.120067 | 5.80921296 | 32.66866 | -117.122493 | 5.9765625 | 32.66733 | -117.120747 |
| 5.6494907 | 32.671020 | -117.120067 | 5.80938657 | 32.66865 | -117.122493 | 5.97673611 | 32.66733 | -117.120733 |
| 5.6496644 | 32.671007 | -117.120080 | 5.80956019 | 32.66865 | -117.122493 | 5.97709491 | 32.66733 | -117.120693 |
| 5.6498264 | 32.671000 | -117.120107 | 5.8097338 | 32.66865 | -117.122493 | 5.97726852 | 32.66733 | -117.120653 |
| 5.6500000 | 32.670993 | -117.120120 | 5.80990741 | 32.66865 | -117.122493 | 5.97744213 | 32.66732 | -117.12064 |
| 5.6501736 | 32.670983 | -117.120120 | 5.81008102 | 32.66866 | -117.122493 | 5.97761574 | 32.66733 | -117.1206 |
| 5.6503588 | 32.670973 | -117.120120 | 5.81025463 | 32.66865 | -117.12252 | 5.97777778 | 32.66733 | -117.1206 |
| 5.6505324 | 32.670967 | -117.120133 | 5.81042824 | 32.66865 | -117.12252 | 5.97795139 | 32.66731 | -117.120587 |
| 5.6507060 | 32.670960 | -117.120133 | 5.81060185 | 32.66865 | -117.122507 | 5.97813657 | 32.66733 | -117.120547 |
| 5.6508681 | 32.670950 | -117.120133 | 5.81077546 | 32.66864 | -117.122493 | 5.97831019 | 32.66734 | -117.12052 |
| 5.6510417 | 32.670947 | -117.120133 | 5.8128588 | 32.66863 | -117.122507 | 5.9784838 | 32.66732 | -117.12048 |
| 5.6512153 | 32.670930 | -117.120147 | 5.81303241 | 32.66863 | -117.122507 | 5.97864583 | 32.66731 | -117.120453 |
| 5.6514005 | 32.670923 | -117.120147 | 5.81320602 | 32.66863 | -117.122507 | 5.97881944 | 32.66729 | -117.120453 |
| 5.6515741 | 32.670913 | -117.120160 | 5.81337963 | 32.66863 | -117.122507 | 5.97899306 | 32.6673 | -117.120427 |
| 5.6517477 | 32.670903 | -117.120160 | 5.81355324 | 32.66863 | -117.122507 | 5.97917824 | 32.66729 | -117.120413 |
| 5.6520949 | 32.670883 | -117.120200 | 5.81372685 | 32.66863 | -117.122507 | 5.97935185 | 32.66729 | -117.1204 |
| 5.6522569 | 32.670877 | -117.120200 | 5.81390046 | 32.66863 | -117.122507 | 5.97952546 | 32.66729 | -117.1204 |
| 5.6524306 | 32.670867 | -117.120213 | 5.81407407 | 32.66863 | -117.12252 | 5.97969907 | 32.66729 | -117.12036 |
| 5.6526042 | 32.670857 | -117.120227 | 5.81424769 | 32.6686 | -117.12252 | 5.97987269 | 32.66729 | -117.120347 |
| 5.6527894 | 32.670840 | -117.120253 | 5.8144213 | 32.66862 | -117.12252 | 5.98003472 | 32.66731 | -117.120333 |
| 5.6529630 | 32.670837 | -117.120253 | 5.81459491 | 32.6686 | -117.12252 | 5.98020833 | 32.66731 | -117.120307 |
| 5.6531366 | 32.670827 | -117.120267 | 5.81476852 | 32.6686 | -117.12252 | 5.98039352 | 32.66732 | -117.120293 |
| 5.6533102 | 32.670810 | -117.120267 | 5.81494213 | 32.66861 | -117.122547 | 5.98072917 | 32.6673 | -117.120267 |
| 5.6534722 | 32.670800 | -117.120280 | 5.81511574 | 32.66861 | -117.122547 | 5.98090278 | 32.66729 | -117.120227 |
| 5.6536458 | 32.670793 | -117.120307 | 5.81528935 | 32.66862 | -117.122547 | 5.98108796 | 32.66728 | -117.120213 |
| 5.6538310 | 32.670790 | -117.120307 | 5.81546296 | 32.66866 | -117.12248 | 5.98126157 | 32.66729 | -117.120187 |
| 5.6540046 | 32.670773 | -117.120333 | 5.81563657 | 32.66866 | -117.12248 | 5.98143519 | 32.66729 | -117.120147 |
| 5.6541782 | 32.670757 | -117.120347 | 5.81581019 | 32.66866 | -117.12248 | 5.98159722 | 32.66729 | -117.120133 |
| 5.6543519 | 32.670737 | -117.120360 | 5.8159838 | 32.66866 | -117.12248 | 5.98177083 | 32.66727 | -117.12012 |
| 5.6545139 | 32.670723 | -117.120400 | 5.81615741 | 32.66866 | -117.12248 | 5.98194444 | 32.66729 | -117.120107 |
| 5.6546875 | 32.670717 | -117.120400 | 5.81667824 | 32.66865 | -117.12248 | 5.98211806 | 32.66728 | -117.120107 |
| 5.6548727 | 32.670703 | -117.120400 | 5.81685185 | 32.66865 | -117.12248 | 5.98230324 | 32.66729 | -117.120067 |
| 5.6550463 | 32.670693 | -117.120413 | 5.81702546 | 32.66865 | -117.12248 | 5.98247685 | 32.66728 | -117.120053 |
| 5.6552083 | 32.670683 | -117.120427 | 5.81719907 | 32.66865 | -117.12248 | 5.98265046 | 32.66726 | -117.120013 |
| 5.6553819 | 32.670673 | -117.120453 | 5.81737269 | 32.66865 | -117.12248 | 5.98282407 | 32.66726 | -117.120013 |
| 5.6557292 | 32.670660 | -117.120453 | 5.8175463 | 32.66865 | -117.12248 | 5.98298611 | 32.66726 | -117.12 |
| 5.6559028 | 32.670650 | -117.120480 | 5.81771991 | 32.66865 | -117.12248 | 5.98315972 | 32.66725 | -117.119987 |
| 5.6560880 | 32.670637 | -117.120493 | 5.81789352 | 32.66865 | -117.12248 | 5.98334491 | 32.66726 | -117.11996 |
| 5.6562616 | 32.670633 | -117.120520 | 5.81806713 | 32.66865 | -117.12248 | 5.98351852 | 32.66727 | -117.119933 |
| 5.6564236 | 32.670627 | -117.120547 | 5.81824074 | 32.66866 | -117.12248 | 5.98369213 | 32.66726 | -117.119893 |
| 5.6565972 | 32.670617 | -117.120547 | 5.81841435 | 32.66865 | -117.12248 | 5.98385417 | 32.66725 | -117.119867 |
| 5.6567708 | 32.670600 | -117.120547 | 5.81858796 | 32.66865 | -117.12248 | 5.98402778 | 32.66725 | -117.119867 |
| 5.6569560 | 32.670593 | -117.120573 | 5.81876157 | 32.66865 | -117.12248 | 5.98456019 | 32.66724 | -117.119827 |
| 5.6571296 | 32.670587 | -117.120587 | 5.81893519 | 32.66865 | -117.12248 | 5.9847338 | 32.66724 | -117.119813 |
| 5.6573032 | 32.670580 | -117.120600 | 5.81909722 | 32.66865 | -117.12248 | 5.98490741 | 32.66722 | -117.119813 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6574769 | 32.670573 | -117.120627 | 5.81927083 | 32.66865 | -117.12248 | 5.98508102 | 32.66721 | -117.119787 |
| 5.6576389 | 32.670563 | -117.120653 | 5.81944444 | 32.66865 | -117.12248 | 5.98524306 | 32.6672 | -117.119773 |
| 5.6578125 | 32.670557 | -117.120667 | 5.81961806 | 32.66865 | -117.122493 | 5.98541667 | 32.6672 | -117.119773 |
| 5.6579861 | 32.670550 | -117.120693 | 5.81979167 | 32.66865 | -117.122493 | 5.98559028 | 32.6672 | -117.11976 |
| 5.6581713 | 32.670540 | -117.120693 | 5.81996528 | 32.66865 | -117.122507 | 5.98577546 | 32.66719 | -117.119747 |
| 5.6583449 | 32.670527 | -117.120720 | 5.82072917 | 32.66864 | -117.12252 | 5.98594907 | 32.66718 | -117.119747 |
| 5.6585185 | 32.670513 | -117.120733 | 5.82083333 | 32.66864 | -117.12252 | 5.98612269 | 32.66716 | -117.11972 |
| 5.6586921 | 32.670507 | -117.120747 | 5.82100694 | 32.66862 | -117.122573 | 5.98628472 | 32.66716 | -117.119693 |
| 5.6588657 | 32.670503 | -117.120747 | 5.82119213 | 32.66861 | -117.122613 | 5.98645833 | 32.66715 | -117.11968 |
| 5.6590278 | 32.670497 | -117.120787 | 5.82136574 | 32.6686 | -117.122587 | 5.98664352 | 32.66714 | -117.11968 |
| 5.6593866 | 32.670487 | -117.120800 | 5.82153935 | 32.6686 | -117.122587 | 5.98681713 | 32.66712 | -117.119667 |
| 5.6595602 | 32.670480 | -117.120813 | 5.82170139 | 32.66861 | -117.122587 | 5.98699074 | 32.66712 | -117.119667 |
| 5.6597338 | 32.670477 | -117.120840 | 5.821875 | 32.66861 | -117.122587 | 5.98715278 | 32.66713 | -117.119667 |
| 5.6599074 | 32.670470 | -117.120853 | 5.82204861 | 32.66861 | -117.122587 | 5.98732639 | 32.66712 | -117.11968 |
| 5.6600694 | 32.670470 | -117.120853 | 5.82222222 | 32.66861 | -117.122587 | 5.9875 | 32.66711 | -117.11968 |
| 5.6602431 | 32.670467 | -117.120867 | 5.82239583 | 32.66861 | -117.122587 | 5.98767361 | 32.66711 | -117.11968 |
| 5.6604282 | 32.670463 | -117.120880 | 5.82258102 | 32.66861 | -117.122587 | 5.9878588 | 32.6671 | -117.119693 |
| 5.6606019 | 32.670467 | -117.120893 | 5.82275463 | 32.66861 | -117.122587 | 5.98837963 | 32.66707 | -117.11968 |
| 5.6607755 | 32.670460 | -117.120920 | 5.82292824 | 32.66861 | -117.122587 | 5.98855324 | 32.66708 | -117.11968 |
| 5.6609491 | 32.670453 | -117.120920 | 5.82310185 | 32.66861 | -117.122587 | 5.98872685 | 32.66706 | -117.119667 |
| 5.6611111 | 32.670453 | -117.120933 | 5.82327546 | 32.66861 | -117.122573 | 5.98888889 | 32.66707 | -117.119667 |
| 5.6612847 | 32.670447 | -117.120947 | 5.82344907 | 32.66861 | -117.122573 | 5.9890625 | 32.66707 | -117.119667 |
| 5.6614583 | 32.670440 | -117.120960 | 5.82361111 | 32.66861 | -117.122587 | 5.98923611 | 32.66707 | -117.119667 |
| 5.6616435 | 32.670440 | -117.120973 | 5.82378472 | 32.66861 | -117.122573 | 5.98940972 | 32.66707 | -117.119667 |
| 5.6618171 | 32.670440 | -117.120973 | 5.82396991 | 32.66861 | -117.122587 | 5.98958333 | 32.66705 | -117.119667 |
| 5.6619907 | 32.670440 | -117.121000 | 5.82449074 | 32.66862 | -117.122573 | 5.98975694 | 32.66709 | -117.119667 |
| 5.6621644 | 32.670440 | -117.121000 | 5.82466435 | 32.66862 | -117.122573 | 5.98994213 | 32.66715 | -117.11972 |
| 5.6623264 | 32.670440 | -117.121000 | 5.82482639 | 32.66862 | -117.122573 | 5.99011574 | 32.66719 | -117.11972 |
| 5.6625000 | 32.670440 | -117.121000 | 5.825 | 32.66862 | -117.12256 | 5.99028935 | 32.66725 | -117.11972 |
| 5.6626736 | 32.670440 | -117.121000 | 5.82518519 | 32.66862 | -117.12256 | 5.99045139 | 32.66732 | -117.11972 |
| 5.6630903 | 32.670443 | -117.121013 | 5.8253588 | 32.66862 | -117.12256 | 5.990625 | 32.6674 | -117.11976 |
| 5.6631944 | 32.670443 | -117.121013 | 5.82553241 | 32.66863 | -117.122573 | 5.99081019 | 32.66746 | -117.119813 |
| 5.6633796 | 32.670447 | -117.121027 | 5.82569444 | 32.66863 | -117.12256 | 5.9909838 | 32.6675 | -117.119827 |
| 5.6635532 | 32.670447 | -117.121040 | 5.82586806 | 32.66864 | -117.122613 | 5.99115741 | 32.66757 | -117.119853 |
| 5.6637269 | 32.670447 | -117.121067 | 5.82605324 | 32.66864 | -117.122587 | 5.99131944 | 32.66764 | -117.119867 |
| 5.6639005 | 32.670443 | -117.121067 | 5.82622685 | 32.66864 | -117.122587 | 5.99149306 | 32.66769 | -117.11992 |
| 5.6640625 | 32.670447 | -117.121067 | 5.82638889 | 32.66864 | -117.122587 | 5.99166667 | 32.66773 | -117.119973 |
| 5.6642361 | 32.670440 | -117.121067 | 5.8265625 | 32.66864 | -117.122587 | 5.99202546 | 32.66778 | -117.120067 |
| 5.6644097 | 32.670447 | -117.121067 | 5.82673611 | 32.66864 | -117.122587 | 5.99219907 | 32.66779 | -117.120067 |
| 5.6645833 | 32.670447 | -117.121067 | 5.8269213 | 32.66863 | -117.122587 | 5.99237269 | 32.66778 | -117.120053 |
| 5.6647685 | 32.670453 | -117.121080 | 5.82709491 | 32.66863 | -117.122613 | 5.9925463 | 32.66779 | -117.120053 |
| 5.6649421 | 32.670453 | -117.121080 | 5.82726852 | 32.66863 | -117.122587 | 5.99270833 | 32.66779 | -117.12004 |
| 5.6651157 | 32.670453 | -117.121093 | 5.82743056 | 32.66863 | -117.122587 | 5.99288194 | 32.66778 | -117.120013 |
| 5.6652894 | 32.670453 | -117.121093 | 5.82760417 | 32.66863 | -117.122587 | 5.99305556 | 32.66778 | -117.120013 |
| 5.6654514 | 32.670453 | -117.121107 | 5.82778935 | 32.66863 | -117.122587 | 5.99324074 | 32.6678 | -117.120013 |
| 5.6656250 | 32.670453 | -117.121107 | 5.82900463 | 32.66864 | -117.122587 | 5.99341435 | 32.6678 | -117.12004 |
| 5.6657986 | 32.670453 | -117.121120 | 5.82917824 | 32.66864 | -117.122573 | 5.99358796 | 32.66779 | -117.120053 |
| 5.6659838 | 32.670453 | -117.121120 | 5.82943287 | 32.66863 | -117.122573 | 5.99376157 | 32.6678 | -117.120053 |
| 5.6661574 | 32.670453 | -117.121120 | 5.82951389 | 32.66862 | -117.122573 | 5.99393519 | 32.66779 | -117.120013 |
| 5.6663310 | 32.670453 | -117.121120 | 5.8296875 | 32.66861 | -117.12256 | 5.9941088 | 32.6678 | -117.120013 |
| 5.6668519 | 32.670453 | -117.121120 | 5.82986111 | 32.66861 | -117.122547 | 5.99427083 | 32.6678 | -117.120013 |
| 5.6670255 | 32.670453 | -117.121120 | 5.8300463 | 32.66861 | -117.122547 | 5.99444444 | 32.6678 | -117.120013 |
| 5.6671991 | 32.670453 | -117.121147 | 5.83021991 | 32.66861 | -117.122547 | 5.99461806 | 32.6678 | -117.12 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6673727 | 32.670453 | -117.121147 | 5.83038194 | 32.66861 | -117.122547 | 5.99480324 | 32.66781 | -117.12 |
| 5.6675463 | 32.670450 | -117.121147 | 5.83055556 | 32.66861 | -117.122547 | 5.99497685 | 32.6678 | -117.12 |
| 5.6677199 | 32.670450 | -117.121147 | 5.83074074 | 32.66861 | -117.122547 | 5.99515046 | 32.66783 | -117.120013 |
| 5.6678935 | 32.670447 | -117.121173 | 5.83091435 | 32.66861 | -117.122547 | 5.99532407 | 32.66782 | -117.12 |
| 5.6680671 | 32.670447 | -117.121187 | 5.83108796 | 32.66861 | -117.122547 | 5.99584491 | 32.6678 | -117.119987 |
| 5.6682407 | 32.670447 | -117.121187 | 5.83126157 | 32.66861 | -117.122547 | 5.99601852 | 32.66779 | -117.119973 |
| 5.6684144 | 32.670447 | -117.121187 | 5.83142361 | 32.66861 | -117.122547 | 5.99619213 | 32.66779 | -117.11996 |
| 5.6685764 | 32.670450 | -117.121187 | 5.83159722 | 32.66862 | -117.122547 | 5.99636574 | 32.66779 | -117.119987 |
| 5.6687500 | 32.670450 | -117.121213 | 5.83178241 | 32.66859 | -117.122547 | 5.99653935 | 32.66779 | -117.119987 |
| 5.6689236 | 32.670450 | -117.121213 | 5.83195602 | 32.66859 | -117.12252 | 5.99670139 | 32.66778 | -117.12 |
| 5.6690972 | 32.670450 | -117.121213 | 5.83211806 | 32.66859 | -117.12252 | 5.996875 | 32.66779 | -117.12 |
| 5.6692708 | 32.670447 | -117.121213 | 5.83229167 | 32.66859 | -117.12252 | 5.99704861 | 32.66779 | -117.119987 |
| 5.6694444 | 32.670450 | -117.121213 | 5.83369213 | 32.6686 | -117.12252 | 5.9972338 | 32.6678 | -117.119987 |
| 5.6696181 | 32.670443 | -117.121213 | 5.83386574 | 32.6686 | -117.12252 | 5.99740741 | 32.66781 | -117.119987 |
| 5.6698032 | 32.670443 | -117.121213 | 5.83403935 | 32.66861 | -117.122547 | 5.99758102 | 32.66781 | -117.119987 |
| 5.6699769 | 32.670440 | -117.121213 | 5.83420139 | 32.6686 | -117.12256 | 5.99775463 | 32.66782 | -117.119987 |
| 5.6701505 | 32.670443 | -117.121227 | 5.834375 | 32.6686 | -117.122573 | 5.99792824 | 32.66783 | -117.119987 |
| 5.6704861 | 32.670443 | -117.121253 | 5.83454861 | 32.6686 | -117.12256 | 5.99809028 | 32.66784 | -117.119973 |
| 5.6706597 | 32.670443 | -117.121253 | 5.8347338 | 32.6686 | -117.12256 | 5.99826389 | 32.66784 | -117.119987 |
| 5.6708333 | 32.670443 | -117.121253 | 5.83490741 | 32.6686 | -117.12256 | 5.9984375 | 32.66784 | -117.119987 |
| 5.6710069 | 32.670443 | -117.121253 | 5.83508102 | 32.6686 | -117.12256 | 5.99865741 | 32.66785 | -117.119987 |
| 5.6711806 | 32.670443 | -117.121253 | 5.83525463 | 32.6686 | -117.122573 | 5.9987963 | 32.66785 | -117.119987 |
| 5.6713542 | 32.670443 | -117.121267 | 5.83542824 | 32.6686 | -117.122587 | 5.99896991 | 32.66785 | -117.119987 |
| 5.6715278 | 32.670440 | -117.121267 | 5.83560185 | 32.6686 | -117.122587 | 5.99914352 | 32.66785 | -117.119987 |
| 5.6717014 | 32.670440 | -117.121267 | 5.83576389 | 32.6686 | -117.122587 | 5.99966435 | 32.66786 | -117.11996 |
| 5.6719213 | 32.670440 | -117.121267 | 5.8359375 | 32.6686 | -117.122587 | 5.99983796 | 32.66788 | -117.119987 |
| 5.6720486 | 32.670440 | -117.121267 | 5.83611111 | 32.6686 | -117.122587 | 6.00001157 | 32.6679 | -117.119987 |
| 5.6722222 | 32.670440 | -117.121267 | 5.8362963 | 32.6686 | -117.122587 | 6.00018519 | 32.6679 | -117.119973 |
| 5.6724074 | 32.670440 | -117.121267 | 5.83646991 | 32.6686 | -117.122587 | 6.0003588 | 32.6679 | -117.119987 |
| 5.6725810 | 32.670440 | -117.121267 | 5.83664352 | 32.6686 | -117.122587 | 6.00052083 | 32.6679 | -117.119987 |
| 5.6727546 | 32.670433 | -117.121267 | 5.83681713 | 32.6686 | -117.122587 | 6.00069444 | 32.6679 | -117.119987 |
| 5.6729282 | 32.670433 | -117.121267 | 5.83699074 | 32.6686 | -117.122587 | 6.00086806 | 32.66791 | -117.119987 |
| 5.6731019 | 32.670433 | -117.121267 | 5.83923611 | 32.6686 | -117.122587 | 6.00108796 | 32.66792 | -117.119987 |
| 5.6732755 | 32.670433 | -117.121267 | 5.83940972 | 32.6686 | -117.122587 | 6.00122685 | 32.66793 | -117.119987 |
| 5.6734491 | 32.670433 | -117.121293 | 5.83958333 | 32.6686 | -117.122587 | 6.00140046 | 32.66794 | -117.119987 |
| 5.6736227 | 32.670440 | -117.121320 | 5.83976852 | 32.66861 | -117.122587 | 6.00157407 | 32.66793 | -117.12 |
| 5.6737963 | 32.670440 | -117.121320 | 5.83994213 | 32.6686 | -117.122587 | 6.00173611 | 32.66791 | -117.120013 |
| 5.6741319 | 32.670440 | -117.121320 | 5.84011574 | 32.66861 | -117.122587 | 6.00190972 | 32.66791 | -117.120013 |
| 5.6743056 | 32.670440 | -117.121320 | 5.84028935 | 32.66861 | -117.122587 | 6.00208333 | 32.66792 | -117.120013 |
| 5.6744792 | 32.670440 | -117.121320 | 5.84046296 | 32.66861 | -117.122587 | 6.00226852 | 32.66793 | -117.120013 |
| 5.6746528 | 32.670440 | -117.121320 | 5.84063657 | 32.66861 | -117.122613 | 6.00244213 | 32.66795 | -117.120013 |
| 5.6748264 | 32.670440 | -117.121320 | 5.84079861 | 32.66861 | -117.122613 | 6.00261574 | 32.66796 | -117.120013 |
| 5.6750000 | 32.670440 | -117.121333 | 5.84097222 | 32.66861 | -117.122613 | 6.00278935 | 32.66796 | -117.120013 |
| 5.6751736 | 32.670440 | -117.121333 | 5.84114583 | 32.66862 | -117.12264 | 6.00295139 | 32.66796 | -117.120013 |
| 5.6753588 | 32.670440 | -117.121333 | 5.84133102 | 32.66863 | -117.122653 | 6.00347222 | 32.66796 | -117.120013 |
| 5.6755324 | 32.670440 | -117.121333 | 5.84150463 | 32.66863 | -117.122653 | 6.00364583 | 32.66796 | -117.120013 |
| 5.6757060 | 32.670440 | -117.121333 | 5.84167824 | 32.66863 | -117.122653 | 6.00381944 | 32.66796 | -117.120013 |
| 5.6758796 | 32.670440 | -117.121333 | 5.84184028 | 32.66863 | -117.122653 | 6.00400463 | 32.66796 | -117.120013 |
| 5.6760532 | 32.670440 | -117.121333 | 5.84201389 | 32.66863 | -117.122653 | 6.00417824 | 32.66798 | -117.12004 |
| 5.6762269 | 32.670440 | -117.121333 | 5.8421875 | 32.66863 | -117.122653 | 6.00435185 | 32.66797 | -117.120053 |
| 5.6764005 | 32.670440 | -117.121333 | 5.84237269 | 32.66863 | -117.122653 | 6.00452546 | 32.66799 | -117.120053 |
| 5.6765741 | 32.670443 | -117.121360 | 5.84322917 | 32.66863 | -117.122667 | 6.0046875 | 32.66799 | -117.120053 |
| 5.6767361 | 32.670440 | -117.121360 | 5.84340278 | 32.66863 | -117.122667 | 6.00486111 | 32.668 | -117.120053 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6769097 | 32.670440 | -117.121360 | 5.84358796 | 32.66862 | -117.122667 | 6.00503472 | 32.66802 | -117.120067 |
| 5.6770833 | 32.670440 | -117.121360 | 5.84376157 | 32.66862 | -117.122667 | 6.00521991 | 32.66801 | -117.12008 |
| 5.6772569 | 32.670447 | -117.121360 | 5.84392361 | 32.66862 | -117.122667 | 6.00539352 | 32.668 | -117.120067 |
| 5.6774306 | 32.670440 | -117.121360 | 5.84409722 | 32.66862 | -117.122667 | 6.00556713 | 32.668 | -117.120067 |
| 5.6779630 | 32.670450 | -117.121360 | 5.84427083 | 32.66862 | -117.122667 | 6.00574074 | 32.66801 | -117.120067 |
| 5.6781250 | 32.670450 | -117.121360 | 5.84458333 | 32.66862 | -117.122667 | 6.00590278 | 32.66803 | -117.120067 |
| 5.6782986 | 32.670453 | -117.121360 | 5.84480324 | 32.66862 | -117.122667 | 6.00607639 | 32.66804 | -117.120067 |
| 5.6784722 | 32.670460 | -117.121360 | 5.84497685 | 32.66862 | -117.122667 | 6.00625 | 32.66805 | -117.120067 |
| 5.6786574 | 32.670460 | -117.121360 | 5.84513889 | 32.66862 | -117.122667 | 6.00643519 | 32.66805 | -117.120067 |
| 5.6788310 | 32.670467 | -117.121360 | 5.8453125 | 32.66862 | -117.122667 | 6.0066088 | 32.66806 | -117.120067 |
| 5.6790046 | 32.670470 | -117.121360 | 5.84548611 | 32.66862 | -117.122667 | 6.00678241 | 32.66805 | -117.12008 |
| 5.6791782 | 32.670477 | -117.121360 | 5.8456713 | 32.66862 | -117.122667 | 6.00730324 | 32.66807 | -117.12008 |
| 5.6793403 | 32.670477 | -117.121360 | 5.84584491 | 32.66862 | -117.122667 | 6.00747685 | 32.66807 | -117.12008 |
| 5.6795139 | 32.670480 | -117.121373 | 5.84601852 | 32.66862 | -117.122667 | 6.00763889 | 32.66807 | -117.120107 |
| 5.6796875 | 32.670487 | -117.121360 | 5.84618056 | 32.66862 | -117.122667 | 6.0078125 | 32.66807 | -117.120107 |
| 5.6798727 | 32.670497 | -117.121360 | 5.84635417 | 32.66862 | -117.122667 | 6.00799769 | 32.66809 | -117.12012 |
| 5.6800463 | 32.670503 | -117.121360 | 5.84653935 | 32.66862 | -117.122667 | 6.0081713 | 32.66808 | -117.12012 |
| 5.6802199 | 32.670517 | -117.121373 | 5.84671296 | 32.66862 | -117.122667 | 6.00834491 | 32.66808 | -117.12012 |
| 5.6803819 | 32.670523 | -117.121373 | 5.84756944 | 32.66862 | -117.122667 | 6.00850694 | 32.66808 | -117.12012 |
| 5.6805556 | 32.670537 | -117.121360 | 5.84774306 | 32.66862 | -117.122667 | 6.00868056 | 32.66808 | -117.12012 |
| 5.6807292 | 32.670550 | -117.121360 | 5.84792824 | 32.66862 | -117.122667 | 6.00885417 | 32.6681 | -117.12012 |
| 5.6809144 | 32.670557 | -117.121360 | 5.84810185 | 32.66862 | -117.122667 | 6.00903935 | 32.66811 | -117.12012 |
| 5.6810880 | 32.670570 | -117.121333 | 5.84827546 | 32.66862 | -117.122667 | 6.00921296 | 32.66811 | -117.12012 |
| 5.6812616 | 32.670577 | -117.121320 | 5.8484375 | 32.66862 | -117.122667 | 6.00938657 | 32.66812 | -117.120107 |
| 5.6817824 | 32.670623 | -117.121307 | 5.84861111 | 32.66861 | -117.122667 | 6.00956019 | 32.66813 | -117.120107 |
| 5.6819560 | 32.670633 | -117.121293 | 5.84878472 | 32.66861 | -117.122667 | 6.00972222 | 32.66812 | -117.12012 |
| 5.6821296 | 32.670643 | -117.121267 | 5.84895833 | 32.66861 | -117.122667 | 6.00989583 | 32.66813 | -117.120133 |
| 5.6822917 | 32.670643 | -117.121267 | 5.84914352 | 32.66861 | -117.122667 | 6.01008102 | 32.66813 | -117.120133 |
| 5.6824653 | 32.670650 | -117.121267 | 5.84931713 | 32.66861 | -117.122667 | 6.01025463 | 32.66815 | -117.12012 |
| 5.6826505 | 32.670660 | -117.121253 | 5.84949074 | 32.66861 | -117.122667 | 6.01042824 | 32.66813 | -117.12012 |
| 5.6828241 | 32.670673 | -117.121253 | 5.84966435 | 32.66861 | -117.122667 | 6.01059028 | 32.66814 | -117.12012 |
| 5.6829977 | 32.670680 | -117.121240 | 5.84983796 | 32.66861 | -117.122667 | 6.0109375 | 32.66816 | -117.12012 |
| 5.6831713 | 32.670690 | -117.121227 | 5.85 | 32.66861 | -117.122667 | 6.01111111 | 32.66816 | -117.120133 |
| 5.6833333 | 32.670693 | -117.121213 | 5.85017361 | 32.66861 | -117.122667 | 6.01128472 | 32.66816 | -117.120133 |
| 5.6835069 | 32.670707 | -117.121213 | 5.85034722 | 32.66861 | -117.122667 | 6.01146991 | 32.66817 | -117.120133 |
| 5.6836806 | 32.670717 | -117.121213 | 5.85053241 | 32.66861 | -117.122667 | 6.01164352 | 32.66817 | -117.120133 |
| 5.6838542 | 32.670720 | -117.121187 | 5.85070602 | 32.66861 | -117.122667 | 6.01181713 | 32.66816 | -117.120147 |
| 5.6840394 | 32.670720 | -117.121173 | 5.85087963 | 32.66861 | -117.122667 | 6.01199074 | 32.66816 | -117.120133 |
| 5.6842130 | 32.670737 | -117.121187 | 5.85225694 | 32.6686 | -117.122667 | 6.01216435 | 32.66816 | -117.120147 |
| 5.6843866 | 32.670743 | -117.121187 | 5.85243056 | 32.6686 | -117.122667 | 6.01233796 | 32.66816 | -117.120147 |
| 5.6845486 | 32.670753 | -117.121173 | 5.85261574 | 32.6686 | -117.122667 | 6.01251157 | 32.66817 | -117.120147 |
| 5.6847222 | 32.670757 | -117.121160 | 5.85278935 | 32.6686 | -117.122667 | 6.01268519 | 32.66817 | -117.120147 |
| 5.6848958 | 32.670767 | -117.121147 | 5.85296296 | 32.6686 | -117.122667 | 6.0128588 | 32.66816 | -117.120147 |
| 5.6850694 | 32.670767 | -117.121120 | 5.85313657 | 32.6686 | -117.122667 | 6.01303241 | 32.66817 | -117.12016 |
| 5.6856019 | 32.670793 | -117.121120 | 5.85329861 | 32.6686 | -117.122667 | 6.01320602 | 32.66817 | -117.120147 |
| 5.6857755 | 32.670797 | -117.121120 | 5.85347222 | 32.6686 | -117.122667 | 6.01337963 | 32.66819 | -117.120147 |
| 5.6859491 | 32.670793 | -117.121120 | 5.85364583 | 32.6686 | -117.122667 | 6.01355324 | 32.66819 | -117.120133 |
| 5.6861227 | 32.670793 | -117.121107 | 5.85383102 | 32.6686 | -117.122667 | 6.01372685 | 32.66819 | -117.120133 |
| 5.6862847 | 32.670797 | -117.121093 | 5.85400463 | 32.6686 | -117.122667 | 6.01390046 | 32.66821 | -117.12012 |
| 5.6864583 | 32.670820 | -117.121067 | 5.85417824 | 32.6686 | -117.122667 | 6.01407407 | 32.66821 | -117.120133 |
| 5.6866782 | 32.670827 | -117.121067 | 5.85434028 | 32.6686 | -117.122667 | 6.01423611 | 32.66825 | -117.120133 |
| 5.6868171 | 32.670830 | -117.121067 | 5.85451389 | 32.6686 | -117.122667 | 6.01458333 | 32.66829 | -117.120147 |
| 5.6869907 | 32.670837 | -117.121027 | 5.8546875 | 32.6686 | -117.122667 | 6.01475694 | 32.66829 | -117.120147 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6871644 | 32.670840 | -117.121027 | 5.85487269 | 32.6686 | -117.122667 | 6.01493056 | 32.66833 | -117.120147 |
| 5.6873264 | 32.670850 | -117.121013 | 5.8550463 | 32.6686 | -117.122667 | 6.01510417 | 32.66838 | -117.120147 |
| 5.6875000 | 32.670857 | -117.121000 | 5.85521991 | 32.6686 | -117.122653 | 6.01527778 | 32.66834 | -117.120147 |
| 5.6876852 | 32.670863 | -117.120973 | 5.85538194 | 32.6686 | -117.122653 | 6.01546296 | 32.66833 | -117.120147 |
| 5.6878588 | 32.670863 | -117.120973 | 5.85555556 | 32.6686 | -117.122653 | 6.01563657 | 32.66831 | -117.120187 |
| 5.6880324 | 32.670877 | -117.120973 | 5.85608796 | 32.6686 | -117.122653 | 6.01581019 | 32.6683 | -117.1202 |
| 5.6882060 | 32.670887 | -117.120960 | 5.85626157 | 32.6686 | -117.122653 | 6.0159838 | 32.66831 | -117.1202 |
| 5.6883796 | 32.670890 | -117.120960 | 5.85643519 | 32.6686 | -117.122653 | 6.01615741 | 32.6683 | -117.1202 |
| 5.6885532 | 32.670893 | -117.120947 | 5.8566088 | 32.6686 | -117.122653 | 6.01633102 | 32.6683 | -117.120213 |
| 5.6887153 | 32.670890 | -117.120920 | 5.85677083 | 32.6686 | -117.122667 | 6.01650463 | 32.66827 | -117.1202 |
| 5.6888889 | 32.670893 | -117.120920 | 5.85694444 | 32.6686 | -117.122667 | 6.01666667 | 32.66827 | -117.1202 |
| 5.6892361 | 32.670910 | -117.120867 | 5.85711806 | 32.6686 | -117.122667 | 6.01684028 | 32.66827 | -117.1202 |
| 5.6894097 | 32.670920 | -117.120867 | 5.85730324 | 32.6686 | -117.122667 | 6.01701389 | 32.66828 | -117.1202 |
| 5.6895949 | 32.670927 | -117.120853 | 5.85747685 | 32.6686 | -117.122653 | 6.0171875 | 32.66827 | -117.120213 |
| 5.6897685 | 32.670930 | -117.120853 | 5.85765046 | 32.6686 | -117.122653 | 6.01737269 | 32.66828 | -117.120213 |
| 5.6899306 | 32.670943 | -117.120840 | 5.8578125 | 32.6686 | -117.122653 | 6.0175463 | 32.66827 | -117.120213 |
| 5.6901042 | 32.670937 | -117.120813 | 5.85798611 | 32.6686 | -117.122653 | 6.01771991 | 32.66826 | -117.120253 |
| 5.6902778 | 32.670930 | -117.120787 | 5.85815972 | 32.6686 | -117.122653 | 6.01789352 | 32.66826 | -117.120253 |
| 5.6904514 | 32.670947 | -117.120800 | 5.85834491 | 32.6686 | -117.122653 | 6.01840278 | 32.6683 | -117.120213 |
| 5.6906366 | 32.670950 | -117.120773 | 5.85851852 | 32.6686 | -117.122653 | 6.01857639 | 32.66831 | -117.120213 |
| 5.6908102 | 32.670963 | -117.120747 | 5.85869213 | 32.6686 | -117.122653 | 6.01875 | 32.66832 | -117.120213 |
| 5.6909838 | 32.670980 | -117.120720 | 5.85885417 | 32.6686 | -117.122653 | 6.01892361 | 32.66836 | -117.120253 |
| 5.6911574 | 32.670993 | -117.120707 | 5.85902778 | 32.6686 | -117.122653 | 6.01909722 | 32.66834 | -117.120253 |
| 5.6913310 | 32.670993 | -117.120693 | 5.85921296 | 32.6686 | -117.122653 | 6.01927083 | 32.66846 | -117.120267 |
| 5.6914931 | 32.671003 | -117.120693 | 5.86011574 | 32.6686 | -117.122653 | 6.01944444 | 32.66847 | -117.12028 |
| 5.6916667 | 32.671007 | -117.120667 | 5.86024306 | 32.66859 | -117.122653 | 6.01961806 | 32.66844 | -117.120253 |
| 5.6918403 | 32.671000 | -117.120653 | 5.86041667 | 32.66859 | -117.12264 | 6.01979167 | 32.6684 | -117.120213 |
| 5.6920255 | 32.670993 | -117.120653 | 5.86060185 | 32.66859 | -117.12264 | 6.01996528 | 32.66839 | -117.120213 |
| 5.6921991 | 32.671003 | -117.120653 | 5.86077546 | 32.66859 | -117.12264 | 6.02013889 | 32.66838 | -117.120213 |
| 5.6923727 | 32.671007 | -117.120600 | 5.86094907 | 32.66859 | -117.12264 | 6.02032407 | 32.66838 | -117.120227 |
| 5.6925463 | 32.671020 | -117.120600 | 5.86111111 | 32.66859 | -117.12264 | 6.02049769 | 32.66839 | -117.120227 |
| 5.6930671 | 32.671037 | -117.120547 | 5.86128472 | 32.66859 | -117.12264 | 6.0206713 | 32.66838 | -117.120253 |
| 5.6932407 | 32.671043 | -117.120547 | 5.86145833 | 32.66859 | -117.12264 | 6.02084491 | 32.66838 | -117.120267 |
| 5.6934144 | 32.671050 | -117.120547 | 5.86164352 | 32.66859 | -117.12264 | 6.02101852 | 32.66837 | -117.120253 |
| 5.6935880 | 32.671067 | -117.120520 | 5.86181713 | 32.66859 | -117.12264 | 6.02119213 | 32.66837 | -117.120267 |
| 5.6937500 | 32.671073 | -117.120493 | 5.86199074 | 32.66859 | -117.12264 | 6.02136574 | 32.66836 | -117.120267 |
| 5.6939236 | 32.671080 | -117.120480 | 5.86215278 | 32.66859 | -117.12264 | 6.02153935 | 32.66834 | -117.120267 |
| 5.6940972 | 32.671080 | -117.120453 | 5.86232639 | 32.66859 | -117.12264 | 6.021875 | 32.66834 | -117.120253 |
| 5.6942708 | 32.671077 | -117.120453 | 5.8625 | 32.66859 | -117.12264 | 6.02206019 | 32.66835 | -117.120267 |
| 5.6944560 | 32.671070 | -117.120453 | 5.86267361 | 32.66859 | -117.122627 | 6.0222338 | 32.66836 | -117.120253 |
| 5.6946296 | 32.671077 | -117.120427 | 5.86284722 | 32.66859 | -117.122627 | 6.02240741 | 32.66838 | -117.120267 |
| 5.6948032 | 32.671080 | -117.120427 | 5.86303241 | 32.6686 | -117.122627 | 6.02258102 | 32.66839 | -117.12028 |
| 5.6949653 | 32.671087 | -117.120400 | 5.86320602 | 32.6686 | -117.122627 | 6.02275463 | 32.66839 | -117.12028 |
| 5.6951389 | 32.671103 | -117.120400 | 5.86337963 | 32.6686 | -117.122627 | 6.02292824 | 32.66838 | -117.120253 |
| 5.6953125 | 32.671103 | -117.120373 | 5.86394676 | 32.66859 | -117.122627 | 6.02310185 | 32.66837 | -117.120293 |
| 5.6954861 | 32.671103 | -117.120360 | 5.86407407 | 32.66859 | -117.122627 | 6.02327546 | 32.66836 | -117.120307 |
| 5.6956713 | 32.671107 | -117.120333 | 5.86424769 | 32.66859 | -117.122627 | 6.02344907 | 32.66838 | -117.120307 |
| 5.6958449 | 32.671103 | -117.120307 | 5.86440972 | 32.66859 | -117.122627 | 6.02362269 | 32.66838 | -117.120307 |
| 5.6960185 | 32.671113 | -117.120307 | 5.86458333 | 32.66859 | -117.122627 | 6.0237963 | 32.66837 | -117.120293 |
| 5.6961806 | 32.671130 | -117.120307 | 5.86476852 | 32.66859 | -117.122627 | 6.02396991 | 32.66837 | -117.120293 |
| 5.6963542 | 32.671133 | -117.120293 | 5.86494213 | 32.6686 | -117.122627 | 6.02414352 | 32.66837 | -117.120307 |
| 5.6967014 | 32.671117 | -117.120267 | 5.86511574 | 32.66859 | -117.122627 | 6.02431713 | 32.66836 | -117.120307 |
| 5.6968750 | 32.671110 | -117.120253 | 5.86527778 | 32.66859 | -117.122613 | 6.02449074 | 32.66836 | -117.120307 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6970486 | 32.671097 | -117.120227 | 5.86545139 | 32.66859 | -117.122613 | 6.02466435 | 32.66835 | -117.120293 |
| 5.6972222 | 32.671067 | -117.120227 | 5.865625 | 32.66859 | -117.122627 | 6.02483796 | 32.66834 | -117.12028 |
| 5.6974074 | 32.671040 | -117.120213 | 5.86581019 | 32.6686 | -117.122627 | 6.02501157 | 32.66835 | -117.120293 |
| 5.6975810 | 32.671007 | -117.120213 | 5.8659838 | 32.6686 | -117.122613 | 6.02518519 | 32.66836 | -117.120293 |
| 5.6977546 | 32.670987 | -117.120213 | 5.86615741 | 32.6686 | -117.122613 | 6.02572917 | 32.66841 | -117.12028 |
| 5.6979282 | 32.670973 | -117.120200 | 5.86631944 | 32.6686 | -117.122613 | 6.02586806 | 32.66841 | -117.12028 |
| 5.6981019 | 32.670927 | -117.120187 | 5.86649306 | 32.6686 | -117.122613 | 6.02604167 | 32.66847 | -117.120333 |
| 5.6982639 | 32.670903 | -117.120160 | 5.86666667 | 32.6686 | -117.122613 | 6.02621528 | 32.66852 | -117.120333 |
| 5.6984375 | 32.670877 | -117.120187 | 5.86685185 | 32.6686 | -117.122613 | 6.02640046 | 32.6685 | -117.120307 |
| 5.6986111 | 32.670857 | -117.120187 | 5.86702546 | 32.6686 | -117.122613 | 6.02657407 | 32.66847 | -117.120333 |
| 5.6987847 | 32.670840 | -117.120187 | 5.86737269 | 32.6686 | -117.122613 | 6.02674769 | 32.66844 | -117.120333 |
| 5.6989699 | 32.670827 | -117.120187 | 5.8675463 | 32.6686 | -117.122613 | 6.0269213 | 32.66845 | -117.120333 |
| 5.6991435 | 32.670803 | -117.120160 | 5.86770833 | 32.6686 | -117.122613 | 6.02709491 | 32.66842 | -117.120347 |
| 5.6993171 | 32.670780 | -117.120147 | 5.86788194 | 32.6686 | -117.122613 | 6.02726852 | 32.66841 | -117.12036 |
| 5.6994792 | 32.670740 | -117.120160 | 5.86805556 | 32.6686 | -117.122613 | 6.02744213 | 32.6684 | -117.120307 |
| 5.6996528 | 32.670737 | -117.120147 | 5.86824074 | 32.6686 | -117.122613 | 6.02760417 | 32.66839 | -117.120307 |
| 5.6998727 | 32.670727 | -117.120133 | 5.86841435 | 32.6686 | -117.122613 | 6.02777778 | 32.66838 | -117.120307 |
| 5.7000116 | 32.670723 | -117.120147 | 5.86858796 | 32.6686 | -117.122613 | 6.02795139 | 32.66836 | -117.120307 |
| 5.7003588 | 32.670690 | -117.120120 | 5.86876157 | 32.6686 | -117.122613 | 6.028125 | 32.66839 | -117.120293 |
| 5.7005324 | 32.670680 | -117.120120 | 5.86893519 | 32.6686 | -117.122613 | 6.02829861 | 32.66838 | -117.120293 |
| 5.7007060 | 32.670663 | -117.120147 | 5.86909722 | 32.6686 | -117.122613 | 6.0284838 | 32.66837 | -117.120293 |
| 5.7008681 | 32.670647 | -117.120160 | 5.86927083 | 32.6686 | -117.122613 | 6.02865741 | 32.66837 | -117.12028 |
| 5.7010417 | 32.670627 | -117.120187 | 5.86944444 | 32.66861 | -117.122587 | 6.02883102 | 32.6683 | -117.120227 |
| 5.7012153 | 32.670610 | -117.120200 | 5.86962963 | 32.66861 | -117.122587 | 6.02900463 | 32.66837 | -117.120293 |
| 5.7013889 | 32.670597 | -117.120227 | 5.86980324 | 32.66861 | -117.122587 | 6.02954861 | 32.6684 | -117.120307 |
| 5.7015625 | 32.670570 | -117.120227 | 5.86997685 | 32.66861 | -117.122587 | 6.0296875 | 32.66841 | -117.120333 |
| 5.7017477 | 32.670570 | -117.120267 | 5.87015046 | 32.66861 | -117.122573 | 6.02986111 | 32.66841 | -117.120347 |
| 5.7019213 | 32.670560 | -117.120280 | 5.87032407 | 32.66861 | -117.12256 | 6.03003472 | 32.66838 | -117.120333 |
| 5.7020949 | 32.670533 | -117.120307 | 5.87049769 | 32.66861 | -117.12256 | 6.03020833 | 32.66837 | -117.120333 |
| 5.7022685 | 32.670507 | -117.120333 | 5.87065972 | 32.66862 | -117.122547 | 6.03042824 | 32.66839 | -117.1204 |
| 5.7024421 | 32.670490 | -117.120347 | 5.87119213 | 32.66862 | -117.122547 | 6.03056713 | 32.66837 | -117.120373 |
| 5.7026042 | 32.670477 | -117.120360 | 5.87136574 | 32.66862 | -117.122547 | 6.03074074 | 32.66838 | -117.12036 |
| 5.7027778 | 32.670453 | -117.120400 | 5.87153935 | 32.66862 | -117.122547 | 6.03091435 | 32.66836 | -117.120333 |
| 5.7029514 | 32.670440 | -117.120413 | 5.87171296 | 32.66861 | -117.12252 | 6.03107639 | 32.66835 | -117.120333 |
| 5.7031250 | 32.670417 | -117.120453 | 5.87188657 | 32.66861 | -117.12252 | 6.03125 | 32.66831 | -117.120333 |
| 5.7033102 | 32.670390 | -117.120453 | 5.87204861 | 32.66861 | -117.122507 | 6.03143519 | 32.6683 | -117.120347 |
| 5.7034838 | 32.670383 | -117.120493 | 5.87222222 | 32.66861 | -117.122493 | 6.0316088 | 32.66832 | -117.1204 |
| 5.7036574 | 32.670360 | -117.120520 | 5.87239583 | 32.66861 | -117.12248 | 6.03177083 | 32.66834 | -117.1204 |
| 5.7041667 | 32.670317 | -117.120600 | 5.87256944 | 32.6686 | -117.122467 | 6.03194444 | 32.66835 | -117.120373 |
| 5.7043403 | 32.670300 | -117.120600 | 5.87275463 | 32.6686 | -117.122467 | 6.03211806 | 32.66832 | -117.120347 |
| 5.7045139 | 32.670273 | -117.120640 | 5.87292824 | 32.66861 | -117.122467 | 6.03230324 | 32.66839 | -117.1204 |
| 5.7046875 | 32.670277 | -117.120667 | 5.87310185 | 32.66861 | -117.122467 | 6.03247685 | 32.66839 | -117.1204 |
| 5.7048727 | 32.670263 | -117.120707 | 5.87327546 | 32.66861 | -117.122467 | 6.03265046 | 32.6684 | -117.1204 |
| 5.7050463 | 32.670250 | -117.120720 | 5.8734375 | 32.66861 | -117.122467 | 6.0331713 | 32.66842 | -117.1204 |
| 5.7052199 | 32.670260 | -117.120733 | 5.87361111 | 32.66861 | -117.122467 | 6.03333333 | 32.66841 | -117.1204 |
| 5.7053935 | 32.670237 | -117.120773 | 5.87378472 | 32.66861 | -117.122467 | 6.03350694 | 32.66837 | -117.1204 |
| 5.7055556 | 32.670223 | -117.120787 | 5.87396991 | 32.66861 | -117.122467 | 6.03368056 | 32.66839 | -117.120427 |
| 5.7057292 | 32.670213 | -117.120813 | 5.87414352 | 32.66861 | -117.122467 | 6.03390046 | 32.66836 | -117.1204 |
| 5.7059028 | 32.670187 | -117.120840 | 5.87431713 | 32.66861 | -117.122467 | 6.03403935 | 32.66835 | -117.1204 |
| 5.7060880 | 32.670177 | -117.120853 | 5.87447917 | 32.66861 | -117.122467 | 6.03421296 | 32.66835 | -117.1204 |
| 5.7062616 | 32.670163 | -117.120880 | 5.87638889 | 32.66867 | -117.122253 | 6.034375 | 32.66834 | -117.120413 |
| 5.7064352 | 32.670163 | -117.120893 | 5.8765625 | 32.66867 | -117.122253 | 6.03454861 | 32.66832 | -117.1204 |
| 5.7066088 | 32.670153 | -117.120920 | 5.87673611 | 32.66867 | -117.122253 | 6.0347338 | 32.66831 | -117.1204 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7067824 | 32.670133 | -117.120933 | 5.8769213 | 32.66867 | -117.122253 | 6.03490741 | 32.66832 | -117.1204 |
| 5.7069444 | 32.670120 | -117.120960 | 5.87709491 | 32.66867 | -117.122227 | 6.03508102 | 32.66828 | -117.12036 |
| 5.7071181 | 32.670103 | -117.120973 | 5.87726852 | 32.66867 | -117.122227 | 6.03524306 | 32.66832 | -117.1204 |
| 5.7073032 | 32.670097 | -117.121013 | 5.87743056 | 32.66866 | -117.122227 | 6.03541667 | 32.66832 | -117.120347 |
| 5.7074769 | 32.670083 | -117.121040 | 5.87760417 | 32.66866 | -117.1222 | 6.03559028 | 32.66834 | -117.1204 |
| 5.7078241 | 32.670057 | -117.121067 | 5.87778935 | 32.66867 | -117.122147 | 6.03576389 | 32.66833 | -117.1204 |
| 5.7079977 | 32.670043 | -117.121080 | 5.87796296 | 32.66866 | -117.122027 | 6.0359375 | 32.66836 | -117.1204 |
| 5.7081713 | 32.670037 | -117.121093 | 5.87813657 | 32.66863 | -117.122027 | 6.03611111 | 32.66839 | -117.120413 |
| 5.7083449 | 32.670027 | -117.121120 | 5.87829861 | 32.66863 | -117.122027 | 6.03628472 | 32.66838 | -117.120413 |
| 5.7085069 | 32.670027 | -117.121120 | 5.87847222 | 32.66861 | -117.122 | 6.03645833 | 32.66837 | -117.120427 |
| 5.7086806 | 32.670010 | -117.121120 | 5.87864583 | 32.66855 | -117.122027 | 6.03699074 | 32.66837 | -117.120493 |
| 5.7088657 | 32.670020 | -117.121120 | 5.87881944 | 32.66851 | -117.122053 | 6.03716435 | 32.6684 | -117.120493 |
| 5.7090394 | 32.670023 | -117.121120 | 5.87900463 | 32.66844 | -117.122027 | 6.03733796 | 32.6684 | -117.120453 |
| 5.7092130 | 32.670040 | -117.121160 | 5.87917824 | 32.66839 | -117.122053 | 6.03751157 | 32.6684 | -117.120453 |
| 5.7093866 | 32.670040 | -117.121187 | 5.87935185 | 32.66836 | -117.12208 | 6.03768519 | 32.66838 | -117.120453 |
| 5.7095602 | 32.670040 | -117.121213 | 5.87951389 | 32.6683 | -117.122133 | 6.0378588 | 32.66839 | -117.120493 |
| 5.7097222 | 32.670040 | -117.121213 | 5.88003472 | 32.66825 | -117.122147 | 6.03803241 | 32.66836 | -117.120547 |
| 5.7098958 | 32.670043 | -117.121213 | 5.88020833 | 32.66824 | -117.122147 | 6.03820602 | 32.66836 | -117.12052 |
| 5.7101042 | 32.670047 | -117.121213 | 5.88039352 | 32.66824 | -117.122147 | 6.03837963 | 32.66833 | -117.12052 |
| 5.7102546 | 32.670070 | -117.121240 | 5.88056713 | 32.66823 | -117.122147 | 6.03855324 | 32.66831 | -117.12052 |
| 5.7104282 | 32.670060 | -117.121267 | 5.88074074 | 32.66824 | -117.122133 | 6.03872685 | 32.66832 | -117.120453 |
| 5.7105903 | 32.670040 | -117.121253 | 5.88090278 | 32.66823 | -117.122147 | 6.03890046 | 32.66832 | -117.120453 |
| 5.7107639 | 32.670047 | -117.121267 | 5.88107639 | 32.66822 | -117.122147 | 6.03907407 | 32.66833 | -117.120453 |
| 5.7109375 | 32.670063 | -117.121320 | 5.88125 | 32.66821 | -117.122147 | 6.03924769 | 32.66834 | -117.120453 |
| 5.7111227 | 32.670057 | -117.121320 | 5.88143519 | 32.66821 | -117.122133 | 6.0394213 | 32.66837 | -117.12048 |
| 5.7116319 | 32.670037 | -117.121387 | 5.8816088 | 32.6682 | -117.122133 | 6.03959491 | 32.66838 | -117.12052 |
| 5.7118056 | 32.670053 | -117.121400 | 5.88178241 | 32.6682 | -117.122133 | 6.03976852 | 32.66838 | -117.120547 |
| 5.7119792 | 32.670047 | -117.121440 | 5.88195602 | 32.66821 | -117.122133 | 6.03994213 | 32.66838 | -117.12052 |
| 5.7121644 | 32.670033 | -117.121400 | 5.88211806 | 32.66823 | -117.122133 | 6.04011574 | 32.66837 | -117.120547 |
| 5.7123380 | 32.670033 | -117.121453 | 5.88229167 | 32.66823 | -117.122133 | 6.04028935 | 32.66833 | -117.12052 |
| 5.7125116 | 32.670027 | -117.121467 | 5.88246528 | 32.66823 | -117.122133 | 6.040625 | 32.66835 | -117.120547 |
| 5.7126852 | 32.670027 | -117.121480 | 5.88263889 | 32.66822 | -117.122133 | 6.04079861 | 32.66836 | -117.120547 |
| 5.7128588 | 32.670047 | -117.121507 | 5.88282407 | 32.66819 | -117.122133 | 6.04097222 | 32.66834 | -117.12052 |
| 5.7130208 | 32.670047 | -117.121520 | 5.88299769 | 32.66819 | -117.122133 | 6.04114583 | 32.66833 | -117.120547 |
| 5.7131944 | 32.670043 | -117.121520 | 5.8831713 | 32.66817 | -117.122147 | 6.04131944 | 32.66826 | -117.120547 |
| 5.7133681 | 32.670047 | -117.121533 | 5.88333333 | 32.66817 | -117.122147 | 6.04149306 | 32.66829 | -117.120547 |
| 5.7135532 | 32.670047 | -117.121560 | 5.88386574 | 32.66817 | -117.122147 | 6.04166667 | 32.66832 | -117.120547 |
| 5.7137269 | 32.670043 | -117.121560 | 5.88403935 | 32.66817 | -117.122147 | 6.04184028 | 32.6683 | -117.120547 |
| 5.7139005 | 32.670033 | -117.121600 | 5.88421296 | 32.66817 | -117.122147 | 6.04201389 | 32.66827 | -117.120547 |
| 5.7140625 | 32.670020 | -117.121587 | 5.88438657 | 32.66817 | -117.122147 | 6.0421875 | 32.66829 | -117.120547 |
| 5.7142361 | 32.669967 | -117.121587 | 5.88456019 | 32.66816 | -117.122147 | 6.04236111 | 32.66829 | -117.120547 |
| 5.7144097 | 32.669997 | -117.121627 | 5.8847338 | 32.66815 | -117.122147 | 6.04253472 | 32.66828 | -117.120547 |
| 5.7145833 | 32.670000 | -117.121653 | 5.88490741 | 32.66816 | -117.122133 | 6.04270833 | 32.66829 | -117.12056 |
| 5.7147685 | 32.669997 | -117.121667 | 5.88506944 | 32.66816 | -117.122133 | 6.04288194 | 32.66831 | -117.12056 |
| 5.7149421 | 32.669997 | -117.121693 | 5.88524306 | 32.66816 | -117.122133 | 6.04305556 | 32.66829 | -117.1206 |
| 5.7152894 | 32.670033 | -117.121747 | 5.88541667 | 32.66816 | -117.122133 | 6.04322917 | 32.66829 | -117.1206 |
| 5.7154630 | 32.670027 | -117.121773 | 5.88560185 | 32.66816 | -117.122147 | 6.04340278 | 32.6683 | -117.1206 |
| 5.7156250 | 32.670027 | -117.121800 | 5.88577546 | 32.66816 | -117.122147 | 6.04357639 | 32.66829 | -117.1206 |
| 5.7157986 | 32.670023 | -117.121800 | 5.88594907 | 32.66817 | -117.122147 | 6.04375 | 32.66829 | -117.1206 |
| 5.7159722 | 32.670023 | -117.121813 | 5.88611111 | 32.66817 | -117.122147 | 6.04392361 | 32.66831 | -117.120627 |
| 5.7161574 | 32.670020 | -117.121827 | 5.88628472 | 32.66817 | -117.122133 | 6.04427083 | 32.66824 | -117.12064 |
| 5.7163310 | 32.669997 | -117.121853 | 5.88645833 | 32.66817 | -117.122133 | 6.04444444 | 32.66825 | -117.12064 |
| 5.7165046 | 32.669987 | -117.121853 | 5.88664352 | 32.66817 | -117.122133 | 6.04461806 | 32.66825 | -117.120667 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7166782 | 32.669980 | -117.121853 | 5.88681713 | 32.66816 | -117.122133 | 6.04479167 | 32.66823 | -117.120627 |
| 5.7168403 | 32.669973 | -117.121880 | 5.88699074 | 32.66818 | -117.122133 | 6.04496528 | 32.66824 | -117.120667 |
| 5.71701389 | 32.66997 | -117.121853 | 5.88716435 | 32.66814 | -117.122133 | 6.04513889 | 32.66819 | -117.120627 |
| 5.71719907 | 32.66997 | -117.121853 | 5.8875 | 32.66813 | -117.122133 | 6.0453125 | 32.66823 | -117.1206 |
| 5.71737269 | 32.66995 | -117.12188 | 5.88768519 | 32.66813 | -117.122133 | 6.04548611 | 32.6682 | -117.1206 |
| 5.7175463 | 32.66994 | -117.121907 | 5.8878588 | 32.66813 | -117.122133 | 6.04565972 | 32.6682 | -117.1206 |
| 5.71771991 | 32.66993 | -117.12192 | 5.88803241 | 32.66813 | -117.122133 | 6.04583333 | 32.66823 | -117.120627 |
| 5.71789352 | 32.66993 | -117.121947 | 5.88820602 | 32.66815 | -117.12212 | 6.04600694 | 32.66824 | -117.120653 |
| 5.71806713 | 32.66993 | -117.121947 | 5.88836806 | 32.66816 | -117.12212 | 6.04618056 | 32.66825 | -117.120653 |
| 5.71822917 | 32.66993 | -117.121947 | 5.88854167 | 32.66817 | -117.122107 | 6.04635417 | 32.66824 | -117.120653 |
| 5.71840278 | 32.66993 | -117.121947 | 5.88871528 | 32.66817 | -117.12212 | 6.04652778 | 32.66826 | -117.120693 |
| 5.71857639 | 32.66993 | -117.121947 | 5.88890046 | 32.66818 | -117.122107 | 6.04670139 | 32.66826 | -117.120693 |
| 5.71893519 | 32.66993 | -117.121947 | 5.88907407 | 32.66818 | -117.12208 | 6.046875 | 32.66823 | -117.120693 |
| 5.7191088 | 32.66993 | -117.12196 | 5.88924769 | 32.66817 | -117.12208 | 6.04704861 | 32.66821 | -117.120693 |
| 5.71928241 | 32.66993 | -117.12196 | 5.88940972 | 32.66817 | -117.122107 | 6.04722222 | 32.66823 | -117.12072 |
| 5.71944444 | 32.66993 | -117.121973 | 5.88958333 | 32.66817 | -117.12208 | 6.04739583 | 32.66823 | -117.12072 |
| 5.71961806 | 32.66993 | -117.121987 | 5.88976852 | 32.66817 | -117.12208 | 6.04756944 | 32.66819 | -117.120747 |
| 5.71980324 | 32.66993 | -117.121987 | 5.88994213 | 32.66816 | -117.12208 | 6.04811343 | 32.66826 | -117.120787 |
| 5.71997685 | 32.66993 | -117.122 | 5.89010417 | 32.66815 | -117.12208 | 6.04826389 | 32.6683 | -117.1208 |
| 5.72015046 | 32.66993 | -117.122 | 5.89027778 | 32.66816 | -117.12208 | 6.0484375 | 32.6683 | -117.1208 |
| 5.72032407 | 32.66993 | -117.122 | 5.89045139 | 32.66816 | -117.12208 | 6.04862269 | 32.66826 | -117.1208 |
| 5.72048611 | 32.66993 | -117.122 | 5.89063657 | 32.66818 | -117.12212 | 6.0487963 | 32.66823 | -117.120813 |
| 5.72065972 | 32.66993 | -117.122 | 5.89081019 | 32.66818 | -117.12212 | 6.04896991 | 32.6682 | -117.120813 |
| 5.72083333 | 32.66993 | -117.122027 | 5.89115741 | 32.66818 | -117.12212 | 6.04914352 | 32.66823 | -117.120813 |
| 5.72100694 | 32.66993 | -117.122053 | 5.89133102 | 32.66818 | -117.12212 | 6.04931713 | 32.66824 | -117.120893 |
| 5.72119213 | 32.66992 | -117.122053 | 5.89149306 | 32.66817 | -117.12212 | 6.04949074 | 32.66824 | -117.120813 |
| 5.72136574 | 32.6699 | -117.122067 | 5.89166667 | 32.66817 | -117.12212 | 6.04966435 | 32.66823 | -117.12084 |
| 5.72153935 | 32.6699 | -117.12208 | 5.89184028 | 32.66817 | -117.12212 | 6.04983796 | 32.6682 | -117.120853 |
| 5.72170139 | 32.6699 | -117.12208 | 5.89201389 | 32.66816 | -117.12212 | 6.05001157 | 32.66819 | -117.120867 |
| 5.721875 | 32.66989 | -117.12208 | 5.89219907 | 32.66814 | -117.12208 | 6.05018519 | 32.66819 | -117.120867 |
| 5.72204861 | 32.66989 | -117.12208 | 5.89237269 | 32.66823 | -117.122067 | 6.0503588 | 32.66818 | -117.120853 |
| 5.7222338 | 32.66989 | -117.122107 | 5.89253472 | 32.66823 | -117.122067 | 6.05053241 | 32.66823 | -117.120853 |
| 5.72256944 | 32.66992 | -117.122133 | 5.89270833 | 32.6682 | -117.12208 | 6.05070602 | 32.66823 | -117.120853 |
| 5.72274306 | 32.66989 | -117.122133 | 5.89288194 | 32.6682 | -117.12208 | 6.05087963 | 32.66823 | -117.120853 |
| 5.72292824 | 32.66989 | -117.122133 | 5.89305556 | 32.66819 | -117.12208 | 6.05105324 | 32.6682 | -117.120853 |
| 5.72310185 | 32.6699 | -117.122173 | 5.89324074 | 32.66818 | -117.12212 | 6.05122685 | 32.66823 | -117.120867 |
| 5.72327546 | 32.66991 | -117.122173 | 5.89341435 | 32.66815 | -117.12212 | 6.05174769 | 32.6682 | -117.120853 |
| 5.72344907 | 32.6699 | -117.122173 | 5.89358796 | 32.66814 | -117.12212 | 6.0519213 | 32.66821 | -117.12084 |
| 5.72361111 | 32.66989 | -117.122173 | 5.89376157 | 32.66814 | -117.12212 | 6.05209491 | 32.66817 | -117.12084 |
| 5.72378472 | 32.66989 | -117.122187 | 5.89393519 | 32.66813 | -117.122107 | 6.05226852 | 32.66818 | -117.120853 |
| 5.72396991 | 32.66989 | -117.1222 | 5.8941088 | 32.66813 | -117.12208 | 6.05244213 | 32.66818 | -117.120853 |
| 5.72414352 | 32.66989 | -117.1222 | 5.89427083 | 32.66813 | -117.12208 | 6.05261574 | 32.66818 | -117.120867 |
| 5.72431713 | 32.66989 | -117.122213 | 5.89444444 | 32.66812 | -117.12208 | 6.05278935 | 32.66823 | -117.120853 |
| 5.72449074 | 32.66989 | -117.122213 | 5.89479167 | 32.66812 | -117.12212 | 6.05296296 | 32.66821 | -117.120853 |
| 5.72465278 | 32.6699 | -117.122213 | 5.89496528 | 32.66812 | -117.122133 | 6.05313657 | 32.66821 | -117.120853 |
| 5.72482639 | 32.66989 | -117.122227 | 5.89513889 | 32.66811 | -117.122133 | 6.05331019 | 32.6682 | -117.12084 |
| 5.725 | 32.66988 | -117.122227 | 5.89532407 | 32.66811 | -117.122133 | 6.0534838 | 32.66823 | -117.1208 |
| 5.72517361 | 32.66986 | -117.122253 | 5.89549769 | 32.66812 | -117.122133 | 6.05365741 | 32.6682 | -117.120867 |
| 5.72534722 | 32.66986 | -117.122267 | 5.8956713 | 32.66811 | -117.122133 | 6.05383102 | 32.66817 | -117.12088 |
| 5.72552083 | 32.66984 | -117.122267 | 5.89583333 | 32.66811 | -117.122133 | 6.05400463 | 32.66816 | -117.120893 |
| 5.72569444 | 32.66985 | -117.122267 | 5.89600694 | 32.6681 | -117.122133 | 6.05417824 | 32.66817 | -117.12092 |
| 5.72587963 | 32.66985 | -117.12232 | 5.89618056 | 32.6681 | -117.122107 | 6.05435185 | 32.66816 | -117.12092 |
| 5.72640046 | 32.66985 | -117.122333 | 5.89636574 | 32.6681 | -117.122107 | 6.05452546 | 32.66816 | -117.12092 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72657407 | 32.66986 | -117.122347 | 5.89653935 | 32.66809 | -117.122107 | 6.05469907 | 32.66816 | -117.12092 |
| 5.72674769 | 32.66984 | -117.12236 | 5.89671296 | 32.66809 | -117.12212 | 6.05487269 | 32.66815 | -117.120893 |
| 5.7269213 | 32.66985 | -117.12236 | 5.89688657 | 32.66809 | -117.122107 | 6.0550463 | 32.66815 | -117.120893 |
| 5.72709491 | 32.66985 | -117.122373 | 5.89706019 | 32.66808 | -117.12212 | 6.05600694 | 32.66823 | -117.12088 |
| 5.72726852 | 32.66985 | -117.1224 | 5.89722222 | 32.66807 | -117.122107 | 6.05608796 | 32.66823 | -117.12088 |
| 5.72744213 | 32.66984 | -117.1224 | 5.89739583 | 32.66808 | -117.12212 | 6.05626157 | 32.66823 | -117.12088 |
| 5.72760417 | 32.66983 | -117.122413 | 5.89756944 | 32.66805 | -117.12208 | 6.05643519 | 32.66825 | -117.12088 |
| 5.72777778 | 32.66984 | -117.122427 | 5.89774306 | 32.66803 | -117.12212 | 6.0566088 | 32.66825 | -117.12088 |
| 5.72795139 | 32.66982 | -117.12244 | 5.89792824 | 32.66802 | -117.12212 | 6.05677083 | 32.66825 | -117.120933 |
| 5.728125 | 32.66983 | -117.122467 | 5.89810185 | 32.66802 | -117.122133 | 6.05694444 | 32.66825 | -117.120933 |
| 5.72829861 | 32.66983 | -117.122467 | 5.89844907 | 32.66802 | -117.122133 | 6.05711806 | 32.66825 | -117.120947 |
| 5.7284838 | 32.66984 | -117.12248 | 5.89862269 | 32.66803 | -117.12212 | 6.05729167 | 32.66825 | -117.120947 |
| 5.72865741 | 32.66983 | -117.122493 | 5.8987963 | 32.66803 | -117.122133 | 6.05746528 | 32.66826 | -117.12096 |
| 5.72883102 | 32.66983 | -117.12252 | 5.89895833 | 32.66803 | -117.122133 | 6.05763889 | 32.66827 | -117.120947 |
| 5.72900463 | 32.66981 | -117.12252 | 5.89913194 | 32.66801 | -117.12212 | 6.0578125 | 32.66827 | -117.12096 |
| 5.72917824 | 32.66981 | -117.12252 | 5.89930556 | 32.668 | -117.122133 | 6.05798611 | 32.66828 | -117.120947 |
| 5.72935185 | 32.66982 | -117.12252 | 5.89949074 | 32.668 | -117.12212 | 6.05815972 | 32.66824 | -117.12096 |
| 5.72951389 | 32.66982 | -117.12252 | 5.89966435 | 32.66801 | -117.122133 | 6.05833333 | 32.66824 | -117.120947 |
| 5.7296875 | 32.66981 | -117.12252 | 5.89983796 | 32.66802 | -117.122147 | 6.05850694 | 32.66823 | -117.120947 |
| 5.73020833 | 32.66981 | -117.12256 | 5.9 | 32.66802 | -117.122133 | 6.05868056 | 32.66824 | -117.12096 |
| 5.73038194 | 32.6698 | -117.122573 | 5.90017361 | 32.66801 | -117.122133 | 6.05885417 | 32.66825 | -117.12096 |
| 5.73055556 | 32.6698 | -117.122587 | 5.90034722 | 32.66799 | -117.122133 | 6.05902778 | 32.66825 | -117.12096 |
| 5.73072917 | 32.6698 | -117.122587 | 5.90052083 | 32.66799 | -117.122147 | 6.05920139 | 32.66822 | -117.120973 |
| 5.73091435 | 32.6698 | -117.122587 | 5.90069444 | 32.66799 | -117.122147 | 6.06128472 | 32.66822 | -117.121067 |
| 5.73108796 | 32.6698 | -117.122613 | 5.90087963 | 32.66799 | -117.122133 | 6.06145833 | 32.66825 | -117.121027 |
| 5.73126157 | 32.6698 | -117.122613 | 5.90105324 | 32.66799 | -117.122133 | 6.06163194 | 32.66826 | -117.12104 |
| 5.73143519 | 32.6698 | -117.122613 | 5.90122685 | 32.66799 | -117.122133 | 6.06180556 | 32.66826 | -117.12104 |
| 5.73159722 | 32.66982 | -117.122667 | 5.90138889 | 32.66799 | -117.12212 | 6.06197917 | 32.66827 | -117.12104 |
| 5.73177083 | 32.66982 | -117.12272 | 5.9015625 | 32.66799 | -117.12212 | 6.06215278 | 32.66824 | -117.121067 |
| 5.73195602 | 32.66982 | -117.12272 | 5.90173611 | 32.66799 | -117.12212 | 6.06232639 | 32.66826 | -117.121067 |
| 5.73212963 | 32.66984 | -117.122733 | 5.90212963 | 32.66799 | -117.12212 | 6.0625 | 32.66818 | -117.121067 |
| 5.73229167 | 32.66987 | -117.122773 | 5.90225694 | 32.66799 | -117.12212 | 6.06267361 | 32.66817 | -117.121067 |
| 5.73246528 | 32.66991 | -117.1228 | 5.90243056 | 32.66798 | -117.12208 | 6.06284722 | 32.66818 | -117.12108 |
| 5.73268519 | 32.66994 | -117.122813 | 5.90261574 | 32.66797 | -117.12208 | 6.06302083 | 32.66824 | -117.12108 |
| 5.73282407 | 32.66996 | -117.12284 | 5.90278935 | 32.66797 | -117.122067 | 6.06319444 | 32.66827 | -117.12108 |
| 5.73299769 | 32.66997 | -117.122867 | 5.90296296 | 32.66798 | -117.122067 | 6.06337963 | 32.66823 | -117.121093 |
| 5.7331713 | 32.67 | -117.122907 | 5.903125 | 32.66797 | -117.122067 | 6.06355324 | 32.6682 | -117.12108 |
| 5.73334491 | 32.67004 | -117.12292 | 5.90329861 | 32.66798 | -117.122067 | 6.06372685 | 32.66821 | -117.121067 |
| 5.73350694 | 32.67007 | -117.122947 | 5.90347222 | 32.66796 | -117.122067 | 6.06390046 | 32.66822 | -117.12108 |
| 5.73403935 | 32.67008 | -117.122987 | 5.90365741 | 32.66795 | -117.122067 | 6.06407407 | 32.66822 | -117.12108 |
| 5.73421296 | 32.67008 | -117.123 | 5.90383102 | 32.66795 | -117.122053 | 6.06424769 | 32.66823 | -117.12108 |
| 5.734375 | 32.67008 | -117.123 | 5.90400463 | 32.66796 | -117.122053 | 6.0644213 | 32.66822 | -117.121067 |
| 5.73454861 | 32.67008 | -117.123013 | 5.90417824 | 32.66795 | -117.122067 | 6.06459491 | 32.66818 | -117.121093 |
| 5.73472222 | 32.67008 | -117.123027 | 5.90434028 | 32.66794 | -117.122067 | 6.06510417 | 32.66823 | -117.12112 |
| 5.73489583 | 32.67007 | -117.123053 | 5.90451389 | 32.66794 | -117.122067 | 6.06527778 | 32.66825 | -117.12112 |
| 5.73508102 | 32.67008 | -117.123067 | 5.9046875 | 32.66793 | -117.122067 | 6.06545139 | 32.66821 | -117.12112 |
| 5.73525463 | 32.67008 | -117.12308 | 5.90487269 | 32.66792 | -117.12208 | 6.065625 | 32.66823 | -117.12112 |
| 5.73542824 | 32.67008 | -117.123093 | 5.9050463 | 32.66793 | -117.122067 | 6.06579861 | 32.66828 | -117.121107 |
| 5.73560185 | 32.67009 | -117.123107 | 5.90521991 | 32.66794 | -117.122053 | 6.06597222 | 32.66823 | -117.12112 |
| 5.73577546 | 32.6701 | -117.123133 | 5.90538194 | 32.66794 | -117.122053 | 6.06614583 | 32.66827 | -117.12112 |
| 5.7359375 | 32.6701 | -117.123147 | 5.90590278 | 32.66799 | -117.122 | 6.06631944 | 32.66827 | -117.12112 |
| 5.73611111 | 32.6701 | -117.123173 | 5.90608796 | 32.66798 | -117.122027 | 6.06649306 | 32.66827 | -117.12112 |
| 5.7362963 | 32.67009 | -117.1232 | 5.90626157 | 32.66798 | -117.122 | 6.06666667 | 32.66829 | -117.121147 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73646991 | 32.67009 | -117.1232 | 5.90643519 | 32.66799 | -117.122 | 6.06684028 | 32.66828 | -117.12116 |
| 5.73664352 | 32.67008 | -117.1232 | 5.90659722 | 32.66796 | -117.122027 | 6.06701389 | 32.66828 | -117.121187 |
| 5.73680556 | 32.67008 | -117.123213 | 5.90677083 | 32.66796 | -117.122027 | 6.0671875 | 32.66829 | -117.121213 |
| 5.73697917 | 32.67008 | -117.123213 | 5.90695602 | 32.66796 | -117.122027 | 6.06736111 | 32.66829 | -117.121213 |
| 5.73715278 | 32.67008 | -117.12324 | 5.90712963 | 32.66796 | -117.122027 | 6.06753472 | 32.66829 | -117.121213 |
| 5.73733796 | 32.67008 | -117.12328 | 5.90730324 | 32.66796 | -117.122 | 6.06770833 | 32.66822 | -117.121213 |
| 5.7378588 | 32.67009 | -117.123293 | 5.90747685 | 32.66796 | -117.122 | 6.06788194 | 32.66821 | -117.121213 |
| 5.73803241 | 32.67009 | -117.123307 | 5.90763889 | 32.66796 | -117.122 | 6.06805556 | 32.66826 | -117.121213 |
| 5.73820602 | 32.67008 | -117.12332 | 5.9078125 | 32.66795 | -117.122 | 6.06822917 | 32.66827 | -117.121213 |
| 5.73837963 | 32.67008 | -117.123333 | 5.90798611 | 32.66796 | -117.122 | 6.06840278 | 32.66821 | -117.121227 |
| 5.73855324 | 32.67009 | -117.123333 | 5.90815972 | 32.66795 | -117.122 | 6.06892361 | 32.6682 | -117.121253 |
| 5.73872685 | 32.67008 | -117.123333 | 5.90834491 | 32.66795 | -117.122 | 6.06909722 | 32.6682 | -117.121253 |
| 5.73890046 | 32.67008 | -117.12336 | 5.90851852 | 32.66794 | -117.122 | 6.06927083 | 32.66821 | -117.121253 |
| 5.73907407 | 32.67009 | -117.123387 | 5.90869213 | 32.66793 | -117.122 | 6.06944444 | 32.66819 | -117.121267 |
| 5.73924769 | 32.67009 | -117.1234 | 5.90886574 | 32.66792 | -117.122 | 6.06962963 | 32.66817 | -117.121267 |
| 5.73940972 | 32.6701 | -117.123427 | 5.90902778 | 32.66792 | -117.122 | 6.06980324 | 32.6682 | -117.121267 |
| 5.73958333 | 32.6701 | -117.123427 | 5.90920139 | 32.66791 | -117.122 | 6.06997685 | 32.66825 | -117.121267 |
| 5.73975694 | 32.67011 | -117.12344 | 5.9097338 | 32.66793 | -117.121987 | 6.07015046 | 32.66825 | -117.121267 |
| 5.73994213 | 32.67011 | -117.123453 | 5.90990741 | 32.66792 | -117.121987 | 6.07032407 | 32.66822 | -117.121307 |
| 5.74011574 | 32.6701 | -117.123467 | 5.91008102 | 32.66792 | -117.121987 | 6.07049769 | 32.66828 | -117.121307 |
| 5.74028935 | 32.67009 | -117.12348 | 5.91025463 | 32.66788 | -117.121987 | 6.0706713 | 32.66825 | -117.121293 |
| 5.74046296 | 32.67009 | -117.12348 | 5.91042824 | 32.66789 | -117.122 | 6.07084491 | 32.66825 | -117.121293 |
| 5.74063657 | 32.6701 | -117.12348 | 5.91060185 | 32.66786 | -117.122 | 6.07101852 | 32.66824 | -117.121293 |
| 5.74079861 | 32.6701 | -117.123507 | 5.91077546 | 32.6679 | -117.121987 | 6.07119213 | 32.66822 | -117.12132 |
| 5.74097222 | 32.6701 | -117.12352 | 5.9109375 | 32.6679 | -117.121987 | 6.07136574 | 32.6682 | -117.12132 |
| 5.74114583 | 32.67009 | -117.123533 | 5.91111111 | 32.66791 | -117.121987 | 6.07153935 | 32.66817 | -117.12132 |
| 5.74167824 | 32.67007 | -117.123573 | 5.91133102 | 32.66788 | -117.121973 | 6.07171296 | 32.66817 | -117.121333 |
| 5.74185185 | 32.67007 | -117.123587 | 5.91146991 | 32.6679 | -117.12196 | 6.07188657 | 32.66816 | -117.121373 |
| 5.74202546 | 32.67007 | -117.1236 | 5.91164352 | 32.66793 | -117.122 | 6.07206019 | 32.66786 | -117.121387 |
| 5.74219907 | 32.67007 | -117.1236 | 5.91181713 | 32.66791 | -117.122 | 6.0722338 | 32.66789 | -117.121413 |
| 5.74237269 | 32.67007 | -117.1236 | 5.91199074 | 32.66791 | -117.122 | 6.07275463 | 32.66784 | -117.12148 |
| 5.7425463 | 32.67007 | -117.1236 | 5.91215278 | 32.66788 | -117.122053 | 6.07292824 | 32.66787 | -117.12148 |
| 5.74271991 | 32.67007 | -117.1236 | 5.91232639 | 32.66789 | -117.122053 | 6.07310185 | 32.66786 | -117.121453 |
| 5.74289352 | 32.67005 | -117.1236 | 5.9125 | 32.66788 | -117.122027 | 6.07327546 | 32.66788 | -117.12144 |
| 5.74306713 | 32.67005 | -117.123613 | 5.91267361 | 32.6679 | -117.122 | 6.07344907 | 32.66788 | -117.121453 |
| 5.74324074 | 32.67006 | -117.123653 | 5.9128588 | 32.66794 | -117.122 | 6.07362269 | 32.66788 | -117.12148 |
| 5.74341435 | 32.67005 | -117.123653 | 5.91303241 | 32.66793 | -117.122 | 6.0737963 | 32.66786 | -117.12148 |
| 5.74358796 | 32.67006 | -117.12368 | 5.91355324 | 32.66794 | -117.121987 | 6.07396991 | 32.66786 | -117.12148 |
| 5.74376157 | 32.67005 | -117.12368 | 5.91372685 | 32.66794 | -117.122 | 6.07414352 | 32.66788 | -117.121507 |
| 5.74393519 | 32.67005 | -117.123693 | 5.91390046 | 32.6679 | -117.122 | 6.07431713 | 32.6679 | -117.121507 |
| 5.7441088 | 32.67004 | -117.12372 | 5.9140625 | 32.6679 | -117.122 | 6.07449074 | 32.6679 | -117.12152 |
| 5.74428241 | 32.67004 | -117.12372 | 5.91423611 | 32.66789 | -117.122 | 6.07466435 | 32.66793 | -117.12152 |
| 5.74445602 | 32.67003 | -117.123733 | 5.91440972 | 32.66789 | -117.122 | 6.07483796 | 32.66794 | -117.12152 |
| 5.74462963 | 32.67001 | -117.123747 | 5.91459491 | 32.6679 | -117.122 | 6.07501157 | 32.66794 | -117.121533 |
| 5.74480324 | 32.67 | -117.12376 | 5.91476852 | 32.66788 | -117.122 | 6.07518519 | 32.66799 | -117.12152 |
| 5.74497685 | 32.66999 | -117.123773 | 5.91494213 | 32.66788 | -117.122 | 6.0753588 | 32.66796 | -117.121547 |
| 5.74549769 | 32.66995 | -117.123813 | 5.91511574 | 32.66788 | -117.122 | 6.07553241 | 32.66795 | -117.121547 |
| 5.7456713 | 32.66995 | -117.123813 | 5.91527778 | 32.66789 | -117.122 | 6.07570602 | 32.66791 | -117.12156 |
| 5.74584491 | 32.66993 | -117.123827 | 5.91545139 | 32.6679 | -117.122 | 6.07587963 | 32.66791 | -117.12156 |
| 5.74601852 | 32.66992 | -117.12384 | 5.91563657 | 32.66789 | -117.122 | 6.07605324 | 32.6679 | -117.12156 |
| 5.74619213 | 32.66991 | -117.123867 | | | | | | |

DrEx 107

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5663194 | 32.674117 | -117.115880 | 5.72847222 | 32.67047 | -117.122547 | 5.89461806 | 32.66779 | -117.119533 |
| 5.5664931 | 32.674110 | -117.115880 | 5.72869213 | 32.67046 | -117.122587 | 5.89513889 | 32.66783 | -117.119493 |
| 5.5666667 | 32.674103 | -117.115880 | 5.72883102 | 32.67047 | -117.122613 | 5.8953125 | 32.66785 | -117.11948 |
| 5.5668519 | 32.674100 | -117.115880 | 5.72900463 | 32.67046 | -117.122613 | 5.89548611 | 32.66786 | -117.11948 |
| 5.5670255 | 32.674100 | -117.115880 | 5.72917824 | 32.67046 | -117.122627 | 5.89575232 | 32.66789 | -117.11948 |
| 5.5671991 | 32.674100 | -117.115880 | 5.72935185 | 32.67047 | -117.122653 | 5.89585648 | 32.6679 | -117.119467 |
| 5.5673727 | 32.674100 | -117.115907 | 5.72961806 | 32.67046 | -117.122667 | 5.89600694 | 32.66792 | -117.119453 |
| 5.5675463 | 32.674097 | -117.115907 | 5.72969907 | 32.67046 | -117.122693 | 5.89627315 | 32.66794 | -117.119467 |
| 5.5677083 | 32.674097 | -117.115907 | 5.72987269 | 32.67045 | -117.12272 | 5.89635417 | 32.66795 | -117.11948 |
| 5.5678819 | 32.674097 | -117.115907 | 5.73038194 | 32.67045 | -117.122773 | 5.89653935 | 32.66796 | -117.11948 |
| 5.5680556 | 32.674093 | -117.115920 | 5.73069444 | 32.67045 | -117.122813 | 5.89671296 | 32.66798 | -117.11948 |
| 5.5682292 | 32.674090 | -117.115920 | 5.73091435 | 32.67044 | -117.122813 | 5.89688657 | 32.66798 | -117.11948 |
| 5.5684144 | 32.674090 | -117.115920 | 5.73108796 | 32.67044 | -117.122853 | 5.89706019 | 32.66799 | -117.119493 |
| 5.5685880 | 32.674090 | -117.115920 | 5.73125 | 32.67044 | -117.122867 | 5.8972338 | 32.66801 | -117.119493 |
| 5.5687616 | 32.674083 | -117.115920 | 5.73142361 | 32.67043 | -117.12288 | 5.89740741 | 32.66801 | -117.119493 |
| 5.5689236 | 32.674083 | -117.115920 | 5.73159722 | 32.67043 | -117.122907 | 5.89758102 | 32.66802 | -117.11948 |
| 5.5690972 | 32.674083 | -117.115920 | 5.73177083 | 32.67043 | -117.12292 | 5.89774306 | 32.66803 | -117.11948 |
| 5.5696181 | 32.674080 | -117.115920 | 5.73194444 | 32.67043 | -117.122947 | 5.89791667 | 32.66804 | -117.119467 |
| 5.5697917 | 32.674080 | -117.115920 | 5.73212963 | 32.67044 | -117.122987 | 5.89813657 | 32.66804 | -117.11948 |
| 5.5699653 | 32.674077 | -117.115920 | 5.73230324 | 32.67043 | -117.123 | 5.89826389 | 32.66805 | -117.11948 |
| 5.5701620 | 32.674077 | -117.115933 | 5.73246528 | 32.67043 | -117.123013 | 5.8984375 | 32.66805 | -117.119493 |
| 5.5703241 | 32.674073 | -117.115933 | 5.73263889 | 32.67043 | -117.123053 | 5.89930556 | 32.66806 | -117.11948 |
| 5.5704977 | 32.674073 | -117.115933 | 5.73282407 | 32.67042 | -117.123053 | 5.89950232 | 32.66806 | -117.119467 |
| 5.5706597 | 32.674067 | -117.115933 | 5.73299769 | 32.67043 | -117.12308 | 5.89965278 | 32.66806 | -117.119467 |
| 5.5708333 | 32.674067 | -117.115933 | 5.7331713 | 32.67043 | -117.123107 | 5.89983796 | 32.66806 | -117.119467 |
| 5.5710069 | 32.674067 | -117.115933 | 5.73334491 | 32.67044 | -117.123133 | 5.90001157 | 32.66806 | -117.119467 |
| 5.5711806 | 32.674067 | -117.115933 | 5.73350694 | 32.67044 | -117.12316 | 5.90018519 | 32.66806 | -117.119467 |
| 5.5713542 | 32.674067 | -117.115933 | 5.73368056 | 32.67043 | -117.1232 | 5.90034722 | 32.66806 | -117.119467 |
| 5.5715278 | 32.674063 | -117.115933 | 5.73385417 | 32.67044 | -117.1232 | 5.90052083 | 32.66806 | -117.119467 |
| 5.5717477 | 32.674063 | -117.115933 | 5.73438657 | 32.67045 | -117.123253 | 5.90069444 | 32.66806 | -117.119467 |
| 5.5718866 | 32.674060 | -117.115933 | 5.73454861 | 32.67045 | -117.12328 | 5.90092593 | 32.66806 | -117.119467 |
| 5.5720602 | 32.674030 | -117.115933 | 5.73472222 | 32.67045 | -117.12328 | 5.90105324 | 32.66806 | -117.119467 |
| 5.5722222 | 32.674020 | -117.115933 | 5.73489583 | 32.67045 | -117.123293 | 5.90122685 | 32.66806 | -117.119467 |
| 5.5723958 | 32.674020 | -117.115933 | 5.73506944 | 32.67045 | -117.12332 | 5.90140046 | 32.66806 | -117.11948 |
| 5.5725694 | 32.674020 | -117.115933 | 5.73524306 | 32.67045 | -117.123333 | 5.9016088 | 32.66807 | -117.11948 |
| 5.5727546 | 32.674017 | -117.115933 | 5.73541667 | 32.67046 | -117.12336 | 5.90173611 | 32.66807 | -117.11948 |
| 5.5729282 | 32.674017 | -117.115933 | 5.73560185 | 32.67046 | -117.123387 | 5.90190972 | 32.66807 | -117.119493 |
| 5.5736227 | 32.674010 | -117.115947 | 5.73577546 | 32.67046 | -117.1234 | 5.90208333 | 32.66807 | -117.119493 |
| 5.5738889 | 32.674007 | -117.115947 | 5.73594907 | 32.67047 | -117.123427 | 5.90226852 | 32.66807 | -117.119493 |
| 5.5739931 | 32.674007 | -117.115947 | 5.73612269 | 32.67047 | -117.12344 | 5.90244213 | 32.66806 | -117.119493 |
| 5.5742014 | 32.674007 | -117.115947 | 5.73635417 | 32.67048 | -117.123467 | 5.90261574 | 32.66806 | -117.119493 |
| 5.5743056 | 32.674000 | -117.115947 | 5.73645833 | 32.67049 | -117.12348 | 5.90399306 | 32.66807 | -117.119493 |
| 5.5744907 | 32.673987 | -117.115947 | 5.73665509 | 32.67048 | -117.12352 | 5.90416667 | 32.66807 | -117.119493 |
| 5.5746644 | 32.673970 | -117.115947 | 5.73681713 | 32.67048 | -117.123533 | 5.90434028 | 32.66807 | -117.119493 |
| 5.5748264 | 32.673960 | -117.115973 | 5.73699074 | 32.67048 | -117.123547 | 5.90452546 | 32.66807 | -117.119493 |
| 5.5750000 | 32.673943 | -117.115973 | 5.73716435 | 32.67048 | -117.123573 | 5.90469907 | 32.66807 | -117.119493 |
| 5.5752662 | 32.673923 | -117.115973 | 5.73732639 | 32.67048 | -117.123587 | 5.90486111 | 32.66807 | -117.119493 |
| 5.5753472 | 32.673913 | -117.115973 | 5.7375 | 32.67048 | -117.1236 | 5.9050463 | 32.66807 | -117.119493 |
| 5.5755208 | 32.673897 | -117.115987 | 5.73767361 | 32.67048 | -117.123613 | 5.90521991 | 32.66807 | -117.119493 |
| 5.5757060 | 32.673887 | -117.115987 | 5.73855324 | 32.67046 | -117.123693 | 5.90539352 | 32.66807 | -117.119493 |
| 5.5758796 | 32.673870 | -117.115987 | 5.73872685 | 32.67048 | -117.12372 | 5.90556713 | 32.66807 | -117.119493 |
| 5.5760532 | 32.673857 | -117.116000 | 5.73890046 | 32.67046 | -117.123733 | 5.90574074 | 32.66807 | -117.11952 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5762731 | 32.673843 | -117.116000 | 5.73907407 | 32.67046 | -117.123747 | 5.90592593 | 32.66807 | -117.11952 |
| 5.5764005 | 32.673833 | -117.116000 | 5.73923611 | 32.67046 | -117.123773 | 5.90607639 | 32.66807 | -117.11952 |
| 5.5765741 | 32.673823 | -117.116000 | 5.73940972 | 32.67046 | -117.123773 | 5.90625 | 32.66807 | -117.11952 |
| 5.5767477 | 32.673813 | -117.116000 | 5.73958333 | 32.67046 | -117.1238 | 5.90642361 | 32.66807 | -117.11952 |
| 5.5769213 | 32.673800 | -117.116013 | 5.73976852 | 32.67044 | -117.12384 | 5.9066088 | 32.66807 | -117.11952 |
| 5.5772569 | 32.673777 | -117.116013 | 5.73994213 | 32.67044 | -117.123867 | 5.90678241 | 32.66807 | -117.11952 |
| 5.5774306 | 32.673777 | -117.116013 | 5.74010417 | 32.67044 | -117.123867 | 5.90697917 | 32.66806 | -117.11952 |
| 5.5776157 | 32.673777 | -117.116013 | 5.74027778 | 32.67044 | -117.12388 | 5.90711806 | 32.66806 | -117.11952 |
| 5.5777894 | 32.673770 | -117.116013 | 5.74045139 | 32.67043 | -117.123893 | 5.90729167 | 32.66806 | -117.11952 |
| 5.5780093 | 32.673760 | -117.116027 | 5.740625 | 32.67042 | -117.12392 | 5.90833333 | 32.66806 | -117.11952 |
| 5.5781366 | 32.673750 | -117.116027 | 5.7408912 | 32.67041 | -117.12392 | 5.90856482 | 32.66806 | -117.11952 |
| 5.5783102 | 32.673740 | -117.116053 | 5.74097222 | 32.67041 | -117.12392 | 5.90869213 | 32.66806 | -117.11952 |
| 5.5784722 | 32.673723 | -117.116053 | 5.74114583 | 32.67041 | -117.123947 | 5.90886574 | 32.66806 | -117.11952 |
| 5.5786458 | 32.673710 | -117.116067 | 5.74131944 | 32.6704 | -117.123947 | 5.90903935 | 32.66806 | -117.11952 |
| 5.5788657 | 32.673693 | -117.116080 | 5.74149306 | 32.6704 | -117.123973 | 5.90920139 | 32.66806 | -117.119533 |
| 5.5789931 | 32.673680 | -117.116080 | 5.74166667 | 32.67039 | -117.123987 | 5.909375 | 32.66806 | -117.119533 |
| 5.5791667 | 32.673670 | -117.116093 | 5.74184028 | 32.67039 | -117.123987 | 5.90954861 | 32.66806 | -117.119533 |
| 5.5793519 | 32.673657 | -117.116107 | 5.74237269 | 32.67036 | -117.12404 | 5.9097338 | 32.66806 | -117.119533 |
| 5.5795255 | 32.673647 | -117.116107 | 5.7425463 | 32.67035 | -117.124053 | 5.90990741 | 32.66806 | -117.119533 |
| 5.5797454 | 32.673633 | -117.116133 | 5.74271991 | 32.67035 | -117.124067 | 5.91011574 | 32.66806 | -117.119533 |
| 5.5798727 | 32.673623 | -117.116133 | 5.74289352 | 32.67033 | -117.124067 | 5.91024306 | 32.66806 | -117.119533 |
| 5.5800463 | 32.673617 | -117.116147 | 5.74306713 | 32.67031 | -117.124067 | 5.91041667 | 32.66806 | -117.119533 |
| 5.5802083 | 32.673610 | -117.116160 | 5.74324074 | 32.67029 | -117.124093 | 5.91059028 | 32.66806 | -117.119533 |
| 5.5804282 | 32.673593 | -117.116173 | 5.74341435 | 32.67028 | -117.12412 | 5.91076389 | 32.66807 | -117.119533 |
| 5.5805556 | 32.673583 | -117.116200 | 5.74358796 | 32.67027 | -117.12412 | 5.9109375 | 32.66807 | -117.119533 |
| 5.5812037 | 32.673523 | -117.116253 | 5.74376157 | 32.67026 | -117.124133 | 5.91111111 | 32.66807 | -117.119533 |
| 5.5814236 | 32.673507 | -117.116253 | 5.74393519 | 32.67025 | -117.12416 | 5.91128472 | 32.66806 | -117.119533 |
| 5.5815972 | 32.673500 | -117.116253 | 5.7441088 | 32.67024 | -117.12416 | 5.91146991 | 32.6681 | -117.119587 |
| 5.5817824 | 32.673487 | -117.116280 | 5.74428241 | 32.67024 | -117.12416 | 5.91164352 | 32.66809 | -117.119587 |
| 5.5820255 | 32.673473 | -117.116307 | 5.74445602 | 32.67024 | -117.12416 | 5.9140625 | 32.66809 | -117.119587 |
| 5.5821296 | 32.673467 | -117.116320 | 5.74462963 | 32.67022 | -117.12416 | 5.91423611 | 32.66809 | -117.119587 |
| 5.5823264 | 32.673450 | -117.116347 | 5.74480324 | 32.6702 | -117.124173 | 5.9144213 | 32.66807 | -117.119587 |
| 5.5824769 | 32.673437 | -117.116347 | 5.74497685 | 32.67018 | -117.124187 | 5.91459491 | 32.66806 | -117.1196 |
| 5.5826389 | 32.673427 | -117.116347 | 5.74515046 | 32.67017 | -117.1242 | 5.91475694 | 32.66804 | -117.1196 |
| 5.5828125 | 32.673410 | -117.116347 | 5.74532407 | 32.67016 | -117.1242 | 5.91493056 | 32.66802 | -117.119613 |
| 5.5829861 | 32.673397 | -117.116360 | 5.74549769 | 32.67015 | -117.124213 | 5.91510417 | 32.66799 | -117.119667 |
| 5.5831713 | 32.673383 | -117.116373 | 5.7456713 | 32.67015 | -117.124213 | 5.91527778 | 32.66799 | -117.119693 |
| 5.5834375 | 32.673363 | -117.116387 | 5.74619213 | 32.67013 | -117.124253 | 5.91546296 | 32.66796 | -117.11972 |
| 5.5835185 | 32.673357 | -117.116400 | 5.74636574 | 32.67013 | -117.124267 | 5.91563657 | 32.66796 | -117.119747 |
| 5.5836921 | 32.673347 | -117.116400 | 5.74653935 | 32.67012 | -117.124267 | 5.91581019 | 32.66795 | -117.11976 |
| 5.5839005 | 32.673333 | -117.116400 | 5.74671296 | 32.67012 | -117.124267 | 5.91597222 | 32.66796 | -117.11976 |
| 5.5840278 | 32.673327 | -117.116400 | 5.74688657 | 32.6701 | -117.12428 | 5.91614583 | 32.66798 | -117.11976 |
| 5.5842014 | 32.673310 | -117.116427 | 5.74706019 | 32.67009 | -117.12428 | 5.91631944 | 32.66798 | -117.119747 |
| 5.5844676 | 32.673297 | -117.116453 | 5.7472338 | 32.67008 | -117.12428 | 5.91649306 | 32.66799 | -117.11976 |
| 5.5845486 | 32.673287 | -117.116453 | 5.74740741 | 32.67007 | -117.124307 | 5.91666667 | 32.668 | -117.11976 |
| 5.5849074 | 32.673263 | -117.116493 | 5.74758102 | 32.67007 | -117.124307 | 5.91684028 | 32.668 | -117.119773 |
| 5.5850810 | 32.673250 | -117.116493 | 5.74775463 | 32.67007 | -117.12432 | 5.91701389 | 32.668 | -117.119773 |
| 5.5852431 | 32.673243 | -117.116493 | 5.74792824 | 32.67006 | -117.124307 | 5.9171875 | 32.668 | -117.119773 |
| 5.5854167 | 32.673223 | -117.116520 | 5.74810185 | 32.67005 | -117.124307 | 5.91737269 | 32.66801 | -117.119787 |
| 5.5856019 | 32.673207 | -117.116533 | 5.74827546 | 32.67003 | -117.12428 | 5.91814815 | 32.66804 | -117.119813 |
| 5.5857755 | 32.673193 | -117.116547 | 5.74844907 | 32.67001 | -117.12428 | 5.91822917 | 32.66804 | -117.119813 |
| 5.5859491 | 32.673180 | -117.116547 | 5.74862269 | 32.67 | -117.124267 | 5.91840278 | 32.66805 | -117.119813 |
| 5.5861458 | 32.673163 | -117.116547 | 5.7487963 | 32.66998 | -117.124267 | 5.91857639 | 32.66806 | -117.119813 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5862963 | 32.673160 | -117.116547 | 5.74896991 | 32.66996 | -117.124267 | 5.91875 | 32.66806 | -117.119813 |
| 5.5864931 | 32.673150 | -117.116587 | 5.74914352 | 32.66995 | -117.124253 | 5.91892361 | 32.66805 | -117.119813 |
| 5.5866435 | 32.673140 | -117.116587 | 5.74931713 | 32.66993 | -117.12424 | 5.91909722 | 32.66808 | -117.119813 |
| 5.5868171 | 32.673127 | -117.116587 | 5.74949074 | 32.66992 | -117.124213 | 5.91927083 | 32.66812 | -117.119813 |
| 5.5869907 | 32.673117 | -117.116600 | 5.75001157 | 32.66989 | -117.124213 | 5.91944444 | 32.66812 | -117.119813 |
| 5.5871528 | 32.673107 | -117.116613 | 5.75018519 | 32.66988 | -117.124213 | 5.91961806 | 32.66812 | -117.119813 |
| 5.5873958 | 32.673090 | -117.116613 | 5.7503588 | 32.66987 | -117.124213 | 5.91979167 | 32.66816 | -117.119813 |
| 5.5875000 | 32.673083 | -117.116640 | 5.75053241 | 32.66986 | -117.124213 | 5.91996528 | 32.66815 | -117.119813 |
| 5.5878009 | 32.673063 | -117.116653 | 5.75070602 | 32.66987 | -117.124213 | 5.92013889 | 32.66816 | -117.119813 |
| 5.5880208 | 32.673057 | -117.116667 | 5.75087963 | 32.66986 | -117.124213 | 5.9203125 | 32.66815 | -117.119813 |
| 5.5882407 | 32.673033 | -117.116680 | 5.75105324 | 32.66986 | -117.124213 | 5.92048611 | 32.66814 | -117.119827 |
| 5.5883681 | 32.673030 | -117.116680 | 5.75122685 | 32.66985 | -117.124213 | 5.92065972 | 32.66815 | -117.119813 |
| 5.5888889 | 32.672997 | -117.116720 | 5.75138889 | 32.66983 | -117.1242 | 5.92083333 | 32.66818 | -117.11984 |
| 5.5890625 | 32.672987 | -117.116733 | 5.7515625 | 32.66981 | -117.1242 | 5.92100694 | 32.66818 | -117.119853 |
| 5.5892361 | 32.672977 | -117.116733 | 5.75173611 | 32.66979 | -117.124187 | 5.92118056 | 32.66818 | -117.119867 |
| 5.5894213 | 32.672960 | -117.116747 | 5.75190972 | 32.66978 | -117.124173 | 5.92135417 | 32.66819 | -117.119867 |
| 5.5895949 | 32.672953 | -117.116747 | 5.75208333 | 32.66977 | -117.12416 | 5.92188657 | 32.6682 | -117.119867 |
| 5.5897685 | 32.672947 | -117.116760 | 5.75225694 | 32.66976 | -117.124133 | 5.92206019 | 32.66821 | -117.119867 |
| 5.5899537 | 32.672933 | -117.116787 | 5.75243056 | 32.66975 | -117.124133 | 5.9222338 | 32.66823 | -117.119867 |
| 5.5901042 | 32.672923 | -117.116787 | 5.75260417 | 32.66975 | -117.12412 | 5.92240741 | 32.66823 | -117.119867 |
| 5.5902894 | 32.672913 | -117.116787 | 5.75277778 | 32.66974 | -117.124093 | 5.92258102 | 32.66823 | -117.119867 |
| 5.5904861 | 32.672903 | -117.116800 | 5.75295139 | 32.66974 | -117.124067 | 5.92274306 | 32.66823 | -117.119867 |
| 5.5907060 | 32.672887 | -117.116813 | 5.753125 | 32.66973 | -117.124067 | 5.92291667 | 32.66823 | -117.119867 |
| 5.5908102 | 32.672883 | -117.116813 | 5.75331019 | 32.66972 | -117.124067 | 5.92309028 | 32.66823 | -117.119867 |
| 5.5909838 | 32.672873 | -117.116827 | 5.75383102 | 32.66967 | -117.124013 | 5.92327546 | 32.66824 | -117.119867 |
| 5.5911574 | 32.672863 | -117.116840 | 5.75400463 | 32.66965 | -117.124013 | 5.92344907 | 32.66826 | -117.119893 |
| 5.5913194 | 32.672850 | -117.116840 | 5.75417824 | 32.66963 | -117.124013 | 5.92362269 | 32.66826 | -117.119893 |
| 5.5914931 | 32.672847 | -117.116867 | 5.75435185 | 32.66963 | -117.124013 | 5.92378472 | 32.66826 | -117.119867 |
| 5.5917361 | 32.672830 | -117.116880 | 5.75452546 | 32.66962 | -117.124013 | 5.92395833 | 32.66827 | -117.119893 |
| 5.5918403 | 32.672827 | -117.116893 | 5.75469907 | 32.66961 | -117.124013 | 5.92414352 | 32.66829 | -117.119867 |
| 5.5920139 | 32.672813 | -117.116907 | 5.75486111 | 32.6696 | -117.123987 | 5.92431713 | 32.6683 | -117.119867 |
| 5.5923264 | 32.672803 | -117.116933 | 5.75503472 | 32.66958 | -117.123987 | 5.92449074 | 32.6683 | -117.119893 |
| 5.5928935 | 32.672777 | -117.116947 | 5.75520833 | 32.66957 | -117.12396 | 5.92466435 | 32.66833 | -117.119907 |
| 5.5930671 | 32.672770 | -117.116960 | 5.75539352 | 32.66955 | -117.12392 | 5.92483796 | 32.66835 | -117.11992 |
| 5.5932292 | 32.672757 | -117.116987 | 5.75556713 | 32.66954 | -117.12392 | 5.92501157 | 32.66835 | -117.11992 |
| 5.5934028 | 32.672753 | -117.116987 | 5.75574074 | 32.66953 | -117.12392 | 5.92518519 | 32.66835 | -117.11992 |
| 5.5936458 | 32.672743 | -117.116987 | 5.75591435 | 32.66951 | -117.12392 | 5.92570602 | 32.66835 | -117.11992 |
| 5.5937500 | 32.672737 | -117.117013 | 5.75607639 | 32.6695 | -117.123907 | 5.92587963 | 32.66836 | -117.11992 |
| 5.5939236 | 32.672727 | -117.117013 | 5.75625 | 32.66948 | -117.12388 | 5.92604167 | 32.66837 | -117.11992 |
| 5.5941088 | 32.672717 | -117.117040 | 5.75642361 | 32.66947 | -117.123893 | 5.92621528 | 32.66837 | -117.11992 |
| 5.5942824 | 32.672710 | -117.117053 | 5.75659722 | 32.66945 | -117.12388 | 5.92638889 | 32.66838 | -117.11992 |
| 5.5944560 | 32.672700 | -117.117080 | 5.75677083 | 32.66942 | -117.123867 | 5.92657407 | 32.6684 | -117.11992 |
| 5.5946412 | 32.672693 | -117.117080 | 5.75694444 | 32.66942 | -117.123813 | 5.92674769 | 32.66839 | -117.119933 |
| 5.5947917 | 32.672683 | -117.117080 | 5.75711806 | 32.66941 | -117.123813 | 5.9269213 | 32.6684 | -117.119933 |
| 5.5949653 | 32.672680 | -117.117093 | 5.75751157 | 32.66938 | -117.1238 | 5.92709491 | 32.66842 | -117.119933 |
| 5.5951620 | 32.672670 | -117.117120 | 5.75763889 | 32.66937 | -117.1238 | 5.92726852 | 32.66842 | -117.11996 |
| 5.5953241 | 32.672663 | -117.117120 | 5.7578125 | 32.66935 | -117.123773 | 5.92744213 | 32.6684 | -117.119933 |
| 5.5954861 | 32.672657 | -117.117133 | 5.75798611 | 32.66934 | -117.123773 | 5.92761574 | 32.6684 | -117.11992 |
| 5.5956597 | 32.672647 | -117.117133 | 5.75815972 | 32.66934 | -117.12376 | 5.92778935 | 32.66841 | -117.11992 |
| 5.5958333 | 32.672643 | -117.117133 | 5.75833333 | 32.66934 | -117.123747 | 5.92795139 | 32.66841 | -117.11992 |
| 5.5960648 | 32.672637 | -117.117187 | 5.75850694 | 32.66932 | -117.123747 | 5.92821759 | 32.66844 | -117.11992 |
| 5.5961921 | 32.672633 | -117.117187 | 5.75868056 | 32.66932 | -117.123733 | 5.92829861 | 32.66844 | -117.119907 |
| 5.5967130 | 32.672610 | -117.117227 | 5.75886574 | 32.66931 | -117.123733 | 5.9284838 | 32.66846 | -117.119893 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5968866 | 32.672603 | -117.117253 | 5.75903935 | 32.6693 | -117.123733 | 5.92865741 | 32.66846 | -117.119867 |
| 5.5970602 | 32.672597 | -117.117267 | 5.75921296 | 32.66929 | -117.12372 | 5.92883102 | 32.66845 | -117.11992 |
| 5.5972338 | 32.672590 | -117.117280 | 5.75938657 | 32.66928 | -117.12372 | 5.92903935 | 32.66846 | -117.11992 |
| 5.5973958 | 32.672583 | -117.117280 | 5.75956019 | 32.66929 | -117.123693 | 5.92969907 | 32.66848 | -117.11992 |
| 5.5975694 | 32.672573 | -117.117307 | 5.7597338 | 32.66927 | -117.12368 | 5.92987269 | 32.66848 | -117.11992 |
| 5.5977546 | 32.672570 | -117.117320 | 5.75990741 | 32.66926 | -117.123667 | 5.9300463 | 32.66848 | -117.119933 |
| 5.5979282 | 32.672563 | -117.117333 | 5.76008102 | 32.66925 | -117.123667 | 5.93021991 | 32.66848 | -117.119933 |
| 5.5981019 | 32.672553 | -117.117347 | 5.76025463 | 32.66924 | -117.123653 | 5.93039352 | 32.66847 | -117.119933 |
| 5.5982755 | 32.672543 | -117.117360 | 5.76042824 | 32.66921 | -117.123667 | 5.93055556 | 32.66848 | -117.119933 |
| 5.5984491 | 32.672537 | -117.117387 | 5.76060185 | 32.66919 | -117.123653 | 5.93072917 | 32.66848 | -117.119933 |
| 5.5986227 | 32.672523 | -117.117400 | 5.76076389 | 32.66917 | -117.123653 | 5.93097222 | 32.66848 | -117.119933 |
| 5.5987963 | 32.672517 | -117.117413 | 5.76128472 | 32.66914 | -117.123627 | 5.93107639 | 32.66848 | -117.119933 |
| 5.5990278 | 32.672507 | -117.117427 | 5.76145833 | 32.66913 | -117.123627 | 5.93125 | 32.66848 | -117.119933 |
| 5.5991898 | 32.672500 | -117.117453 | 5.76163194 | 32.66912 | -117.123613 | 5.93142361 | 32.66849 | -117.119933 |
| 5.5993171 | 32.672493 | -117.117467 | 5.76180556 | 32.6691 | -117.1236 | 5.93159722 | 32.66848 | -117.119933 |
| 5.5994907 | 32.672487 | -117.117480 | 5.76197917 | 32.66909 | -117.1236 | 5.93177083 | 32.66848 | -117.119987 |
| 5.5996528 | 32.672473 | -117.117480 | 5.76215278 | 32.66908 | -117.1236 | 5.93194444 | 32.66847 | -117.12004 |
| 5.5998264 | 32.672467 | -117.117507 | 5.76233796 | 32.66907 | -117.123587 | 5.93216435 | 32.66846 | -117.120053 |
| 5.6000000 | 32.672453 | -117.117507 | 5.76251157 | 32.66907 | -117.123573 | 5.93229167 | 32.66844 | -117.120067 |
| 5.6005324 | 32.672430 | -117.117547 | 5.76268519 | 32.66906 | -117.123547 | 5.93247685 | 32.66839 | -117.12008 |
| 5.6007060 | 32.672420 | -117.117560 | 5.7628588 | 32.66904 | -117.123533 | 5.93265046 | 32.66836 | -117.120107 |
| 5.6008796 | 32.672413 | -117.117573 | 5.76303241 | 32.66902 | -117.123533 | 5.93282407 | 32.66833 | -117.12008 |
| 5.6010417 | 32.672407 | -117.117600 | 5.76320602 | 32.669 | -117.123533 | 5.93299769 | 32.66831 | -117.12008 |
| 5.6012153 | 32.672400 | -117.117600 | 5.76337963 | 32.66899 | -117.123533 | 5.93350694 | 32.66831 | -117.120053 |
| 5.6013889 | 32.672393 | -117.117600 | 5.76355324 | 32.66898 | -117.123533 | 5.93368056 | 32.66831 | -117.120053 |
| 5.6015741 | 32.672387 | -117.117613 | 5.76372685 | 32.66897 | -117.12352 | 5.93385417 | 32.66832 | -117.120053 |
| 5.6017477 | 32.672380 | -117.117613 | 5.76390046 | 32.66896 | -117.12352 | 5.93403935 | 32.66832 | -117.120053 |
| 5.6019213 | 32.672370 | -117.117627 | 5.76407407 | 32.66896 | -117.12352 | 5.93421296 | 32.66833 | -117.120067 |
| 5.6020949 | 32.672367 | -117.117653 | 5.76424769 | 32.66895 | -117.12352 | 5.93438657 | 32.66833 | -117.120067 |
| 5.6022685 | 32.672357 | -117.117653 | 5.7644213 | 32.66894 | -117.12352 | 5.93456019 | 32.66833 | -117.120067 |
| 5.6024306 | 32.672350 | -117.117653 | 5.76459491 | 32.66892 | -117.12348 | 5.9347338 | 32.66834 | -117.120067 |
| 5.6026042 | 32.672347 | -117.117680 | 5.7659838 | 32.6688 | -117.1234 | 5.93490741 | 32.66835 | -117.120067 |
| 5.6027778 | 32.672340 | -117.117680 | 5.76615741 | 32.66878 | -117.123387 | 5.93506944 | 32.66835 | -117.120067 |
| 5.6029630 | 32.672333 | -117.117693 | 5.76631944 | 32.66876 | -117.123373 | 5.93524306 | 32.66835 | -117.120067 |
| 5.6031366 | 32.672330 | -117.117720 | 5.76650463 | 32.66872 | -117.123387 | 5.93541667 | 32.66836 | -117.120067 |
| 5.6033102 | 32.672327 | -117.117720 | 5.76667824 | 32.66868 | -117.123373 | 5.93559028 | 32.66836 | -117.120067 |
| 5.6034722 | 32.672323 | -117.117720 | 5.76685185 | 32.66865 | -117.123333 | 5.93577546 | 32.66836 | -117.120067 |
| 5.6036458 | 32.672320 | -117.117747 | 5.76702546 | 32.66863 | -117.123333 | 5.93594907 | 32.66837 | -117.120053 |
| 5.6038542 | 32.672320 | -117.117747 | 5.76719907 | 32.66861 | -117.12332 | 5.93612269 | 32.66838 | -117.120067 |
| 5.6048611 | 32.672277 | -117.117800 | 5.76737269 | 32.66858 | -117.123307 | 5.9362963 | 32.66839 | -117.120067 |
| 5.6050347 | 32.672270 | -117.117800 | 5.7675463 | 32.66855 | -117.12328 | 5.93646991 | 32.6684 | -117.12008 |
| 5.6052662 | 32.672260 | -117.117800 | 5.76771991 | 32.66854 | -117.12328 | 5.93664352 | 32.66841 | -117.12008 |
| 5.6053935 | 32.672260 | -117.117827 | 5.76788194 | 32.66853 | -117.12328 | 5.93681713 | 32.66841 | -117.12008 |
| 5.6055671 | 32.672253 | -117.117853 | 5.76805556 | 32.66852 | -117.123253 | 5.93855324 | 32.66842 | -117.120053 |
| 5.6057292 | 32.672247 | -117.117853 | 5.76822917 | 32.66851 | -117.123253 | 5.93872685 | 32.66843 | -117.120053 |
| 5.6059028 | 32.672247 | -117.117867 | 5.76840278 | 32.66849 | -117.123213 | 5.93890046 | 32.66843 | -117.120053 |
| 5.6060764 | 32.672240 | -117.117867 | 5.76857639 | 32.66848 | -117.1232 | 5.9390625 | 32.66844 | -117.120053 |
| 5.6062500 | 32.672233 | -117.117867 | 5.76875 | 32.66848 | -117.1232 | 5.93923611 | 32.66844 | -117.12004 |
| 5.6064236 | 32.672223 | -117.117893 | 5.76892361 | 32.66847 | -117.1232 | 5.93940972 | 32.66844 | -117.120013 |
| 5.6066435 | 32.672223 | -117.117893 | 5.76909722 | 32.66845 | -117.1232 | 5.93958333 | 32.66846 | -117.120013 |
| 5.6067708 | 32.672223 | -117.117893 | 5.76928241 | 32.66843 | -117.123147 | 5.93975694 | 32.66846 | -117.120013 |
| 5.6069560 | 32.672223 | -117.117893 | 5.76980324 | 32.66841 | -117.123133 | 5.93994213 | 32.66846 | -117.120013 |
| 5.6071296 | 32.672220 | -117.117893 | 5.76997685 | 32.66839 | -117.123107 | 5.94011574 | 32.66846 | -117.120013 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6073032 | 32.672217 | -117.117893 | 5.77013889 | 32.66838 | -117.123107 | 5.94028935 | 32.66847 | -117.120013 |
| 5.6075694 | 32.672217 | -117.117893 | 5.7703125 | 32.66838 | -117.123093 | 5.94046296 | 32.66847 | -117.120013 |
| 5.6076505 | 32.672213 | -117.117893 | 5.77049769 | 32.66836 | -117.12308 | 5.94063657 | 32.66848 | -117.120013 |
| 5.6078241 | 32.672213 | -117.117893 | 5.7706713 | 32.66836 | -117.123067 | 5.94081019 | 32.66849 | -117.120013 |
| 5.6079977 | 32.672210 | -117.117907 | 5.77084491 | 32.66835 | -117.123053 | 5.9409838 | 32.6685 | -117.120013 |
| 5.6081713 | 32.672203 | -117.117907 | 5.77101852 | 32.66836 | -117.123053 | 5.94115741 | 32.66849 | -117.12 |
| 5.6086921 | 32.672187 | -117.117933 | 5.77119213 | 32.66835 | -117.123013 | 5.94133102 | 32.66849 | -117.12 |
| 5.6088542 | 32.672183 | -117.117947 | 5.77136574 | 32.66833 | -117.123013 | 5.94149306 | 32.6685 | -117.120013 |
| 5.6090278 | 32.672183 | -117.117947 | 5.77153935 | 32.66832 | -117.122987 | 5.94166667 | 32.6685 | -117.120013 |
| 5.6092130 | 32.672180 | -117.117947 | 5.77171296 | 32.66831 | -117.122987 | 5.94184028 | 32.6685 | -117.12 |
| 5.6093866 | 32.672180 | -117.117947 | 5.77188657 | 32.6683 | -117.12296 | 5.94289352 | 32.66851 | -117.120013 |
| 5.6095486 | 32.672177 | -117.117947 | 5.77206019 | 32.66831 | -117.12296 | 5.94306713 | 32.66852 | -117.120013 |
| 5.6097222 | 32.672177 | -117.117947 | 5.7722338 | 32.6683 | -117.12296 | 5.94322917 | 32.66852 | -117.12 |
| 5.6098958 | 32.672180 | -117.117947 | 5.77240741 | 32.6683 | -117.122947 | 5.94340278 | 32.66852 | -117.12 |
| 5.6100694 | 32.672177 | -117.117987 | 5.77258102 | 32.66829 | -117.122933 | 5.94358796 | 32.66853 | -117.12 |
| 5.6102431 | 32.672177 | -117.117987 | 5.77275463 | 32.66827 | -117.122933 | 5.94376157 | 32.66853 | -117.12 |
| 5.6104282 | 32.672173 | -117.117987 | 5.77292824 | 32.66825 | -117.12292 | 5.94393519 | 32.66853 | -117.12 |
| 5.6106019 | 32.672167 | -117.118000 | 5.77310185 | 32.66824 | -117.12292 | 5.9441088 | 32.66853 | -117.12 |
| 5.6108333 | 32.672160 | -117.118013 | 5.77361111 | 32.66819 | -117.122907 | 5.94427083 | 32.66853 | -117.120013 |
| 5.6109375 | 32.672160 | -117.118013 | 5.77378472 | 32.66818 | -117.122907 | 5.94444444 | 32.66853 | -117.120013 |
| 5.6111227 | 32.672157 | -117.118040 | 5.77395833 | 32.66818 | -117.12288 | 5.94461806 | 32.66853 | -117.120013 |
| 5.6112963 | 32.672153 | -117.118040 | 5.77413194 | 32.66818 | -117.12288 | 5.94479167 | 32.66853 | -117.120013 |
| 5.6114699 | 32.672153 | -117.118053 | 5.77430556 | 32.66819 | -117.122867 | 5.94496528 | 32.66853 | -117.120013 |
| 5.6116435 | 32.672147 | -117.118053 | 5.77452546 | 32.66819 | -117.122853 | 5.94515046 | 32.66855 | -117.120053 |
| 5.6118171 | 32.672143 | -117.118053 | 5.77465278 | 32.66818 | -117.12284 | 5.94532407 | 32.66856 | -117.120053 |
| 5.6119907 | 32.672140 | -117.118053 | 5.77483796 | 32.66819 | -117.122813 | 5.94549769 | 32.66856 | -117.120067 |
| 5.6123264 | 32.672140 | -117.118067 | 5.77501157 | 32.66818 | -117.122813 | 5.9456713 | 32.66857 | -117.120067 |
| 5.6125000 | 32.672137 | -117.118067 | 5.77518519 | 32.66816 | -117.1228 | 5.94584491 | 32.66858 | -117.120053 |
| 5.6126736 | 32.672137 | -117.118067 | 5.77538194 | 32.66815 | -117.1228 | 5.94601852 | 32.66859 | -117.120107 |
| 5.6128472 | 32.672137 | -117.118067 | 5.77553241 | 32.66814 | -117.122773 | 5.94791667 | 32.66861 | -117.120053 |
| 5.6130324 | 32.672137 | -117.118067 | 5.77570602 | 32.66814 | -117.12276 | 5.94809028 | 32.66861 | -117.120013 |
| 5.6132060 | 32.672130 | -117.118067 | 5.77587963 | 32.66813 | -117.12276 | 5.94826389 | 32.66862 | -117.12 |
| 5.6133796 | 32.672130 | -117.118067 | 5.77605324 | 32.66812 | -117.122733 | 5.9484375 | 32.66862 | -117.12 |
| 5.6135532 | 32.672130 | -117.118067 | 5.77622685 | 32.66812 | -117.12272 | 5.94862269 | 32.66861 | -117.119987 |
| 5.6137269 | 32.672130 | -117.118067 | 5.77640046 | 32.66812 | -117.122693 | 5.9487963 | 32.66861 | -117.119987 |
| 5.6139005 | 32.672130 | -117.118080 | 5.7765625 | 32.66812 | -117.122667 | 5.94896991 | 32.66861 | -117.119973 |
| 5.6140741 | 32.672130 | -117.118080 | 5.77673611 | 32.66812 | -117.122667 | 5.94914352 | 32.66861 | -117.119973 |
| 5.6142477 | 32.672127 | -117.118080 | 5.77690972 | 32.66812 | -117.122653 | 5.94931713 | 32.66861 | -117.119987 |
| 5.6144213 | 32.672120 | -117.118080 | 5.77888889 | 32.66809 | -117.12248 | 5.94947917 | 32.66861 | -117.119987 |
| 5.6145949 | 32.672120 | -117.118093 | 5.77899306 | 32.6681 | -117.12248 | 5.94965278 | 32.66861 | -117.119987 |
| 5.6148264 | 32.672117 | -117.118093 | 5.77917824 | 32.6681 | -117.122467 | 5.94983796 | 32.66862 | -117.119987 |
| 5.6149306 | 32.672117 | -117.118093 | 5.77935185 | 32.6681 | -117.122467 | 5.95001157 | 32.66862 | -117.119987 |
| 5.6151042 | 32.672117 | -117.118093 | 5.77952546 | 32.6681 | -117.12244 | 5.95017361 | 32.66862 | -117.119987 |
| 5.6152778 | 32.672117 | -117.118093 | 5.77969907 | 32.66809 | -117.122427 | 5.95034722 | 32.66862 | -117.119987 |
| 5.6154514 | 32.672117 | -117.118093 | 5.77987269 | 32.6681 | -117.122413 | 5.95052083 | 32.66862 | -117.119987 |
| 5.6156250 | 32.672110 | -117.118120 | 5.7800463 | 32.6681 | -117.1224 | 5.95070602 | 32.66862 | -117.119987 |
| 5.6161574 | 32.672093 | -117.118147 | 5.78020833 | 32.66809 | -117.1224 | 5.95087963 | 32.66862 | -117.119987 |
| 5.6163310 | 32.672073 | -117.118200 | 5.78038194 | 32.66809 | -117.12236 | 5.95105324 | 32.66862 | -117.119987 |
| 5.6165278 | 32.672073 | -117.118200 | 5.78055556 | 32.66808 | -117.122333 | 5.95122685 | 32.66862 | -117.119987 |
| 5.6166782 | 32.672067 | -117.118213 | 5.78077546 | 32.66808 | -117.12232 | 5.95270833 | 32.66864 | -117.119987 |
| 5.6168519 | 32.672063 | -117.118213 | 5.78090278 | 32.66807 | -117.12232 | 5.95278935 | 32.66864 | -117.119987 |
| 5.6170255 | 32.672057 | -117.118227 | 5.78107639 | 32.66807 | -117.12228 | 5.95296296 | 32.66864 | -117.119987 |
| 5.6171991 | 32.672053 | -117.118240 | 5.78125 | 32.66807 | -117.122267 | 5.95313657 | 32.66865 | -117.119987 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6173611 | 32.672047 | -117.118267 | 5.78142361 | 32.66807 | -117.122253 | 5.95336806 | 32.66866 | -117.119987 |
| 5.6175347 | 32.672027 | -117.118307 | 5.7816088 | 32.66807 | -117.122227 | 5.95347222 | 32.66866 | -117.119987 |
| 5.6177662 | 32.672013 | -117.118333 | 5.78178241 | 32.66807 | -117.122227 | 5.95364583 | 32.66866 | -117.119987 |
| 5.6178935 | 32.672013 | -117.118333 | 5.78195602 | 32.66807 | -117.122213 | 5.95381944 | 32.66866 | -117.119987 |
| 5.6181250 | 32.672007 | -117.118360 | 5.78212963 | 32.66808 | -117.1222 | 5.95400463 | 32.66866 | -117.119987 |
| 5.6182292 | 32.672007 | -117.118373 | 5.78265046 | 32.66808 | -117.122147 | 5.95417824 | 32.66866 | -117.119987 |
| 5.6184028 | 32.671997 | -117.118387 | 5.78282407 | 32.66808 | -117.122133 | 5.95435185 | 32.66866 | -117.119987 |
| 5.6185764 | 32.671993 | -117.118387 | 5.78298611 | 32.66808 | -117.12212 | 5.95451389 | 32.66866 | -117.119987 |
| 5.6187500 | 32.671983 | -117.118413 | 5.78315972 | 32.66809 | -117.12212 | 5.9546875 | 32.66866 | -117.119987 |
| 5.6189236 | 32.671983 | -117.118413 | 5.78333333 | 32.66809 | -117.12212 | 5.95487269 | 32.66866 | -117.119987 |
| 5.6191088 | 32.671983 | -117.118440 | 5.78351852 | 32.66812 | -117.122107 | 5.9550463 | 32.66866 | -117.119987 |
| 5.6192824 | 32.671983 | -117.118453 | 5.78369213 | 32.66813 | -117.12208 | 5.95521991 | 32.66866 | -117.119987 |
| 5.6203241 | 32.671970 | -117.118560 | 5.78386574 | 32.66813 | -117.12208 | 5.95539352 | 32.66866 | -117.119987 |
| 5.6204861 | 32.671963 | -117.118560 | 5.78403935 | 32.66813 | -117.12208 | 5.95556713 | 32.66866 | -117.119987 |
| 5.6206944 | 32.671960 | -117.118573 | 5.78422454 | 32.66813 | -117.12208 | 5.95574074 | 32.66866 | -117.119987 |
| 5.6208449 | 32.671957 | -117.118587 | 5.784375 | 32.66814 | -117.122067 | 5.95746528 | 32.66867 | -117.119987 |
| 5.6210532 | 32.671957 | -117.118600 | 5.78454861 | 32.66814 | -117.122053 | 5.95769676 | 32.66867 | -117.119987 |
| 5.6211806 | 32.671953 | -117.118600 | 5.7847338 | 32.66814 | -117.122027 | 5.95782407 | 32.66867 | -117.119987 |
| 5.6213542 | 32.671933 | -117.118653 | 5.78490741 | 32.66814 | -117.122027 | 5.95799769 | 32.66867 | -117.119987 |
| 5.6215278 | 32.671917 | -117.118667 | 5.78508102 | 32.66815 | -117.122 | 5.9581713 | 32.66867 | -117.119987 |
| 5.6217593 | 32.671910 | -117.118680 | 5.78524306 | 32.66814 | -117.121987 | 5.95833333 | 32.66867 | -117.119987 |
| 5.6218866 | 32.671910 | -117.118707 | 5.78541667 | 32.66814 | -117.12196 | 5.95850694 | 32.66867 | -117.119987 |
| 5.6220486 | 32.671920 | -117.118720 | 5.78563657 | 32.66815 | -117.121947 | 5.95868056 | 32.66867 | -117.119987 |
| 5.6222222 | 32.671917 | -117.118720 | 5.78576389 | 32.66815 | -117.121947 | 5.95885417 | 32.66867 | -117.119987 |
| 5.6223958 | 32.671917 | -117.118747 | 5.78594907 | 32.66815 | -117.121947 | 5.95903935 | 32.66867 | -117.119987 |
| 5.6225810 | 32.671920 | -117.118747 | 5.78646991 | 32.6682 | -117.12192 | 5.95921296 | 32.66867 | -117.119987 |
| 5.6227546 | 32.671920 | -117.118760 | 5.78664352 | 32.66821 | -117.12188 | 5.95938657 | 32.66867 | -117.119987 |
| 5.6229282 | 32.671910 | -117.118787 | 5.78681713 | 32.66822 | -117.121853 | 5.95956019 | 32.66867 | -117.119987 |
| 5.6231019 | 32.671900 | -117.118800 | 5.78699074 | 32.66823 | -117.121853 | 5.95972222 | 32.66867 | -117.119987 |
| 5.6232639 | 32.671897 | -117.118813 | 5.78716435 | 32.66823 | -117.12184 | 5.95989583 | 32.66867 | -117.119987 |
| 5.6234375 | 32.671897 | -117.118827 | 5.78733796 | 32.66824 | -117.121827 | 5.96008102 | 32.66868 | -117.119987 |
| 5.6236227 | 32.671887 | -117.118853 | 5.78751157 | 32.66824 | -117.121827 | 5.96025463 | 32.66868 | -117.119987 |
| 5.6241319 | 32.671870 | -117.118880 | 5.78768519 | 32.66824 | -117.121813 | 5.96041667 | 32.66868 | -117.119987 |
| 5.6244329 | 32.671853 | -117.118907 | 5.7878588 | 32.66823 | -117.121813 | 5.96059028 | 32.66868 | -117.119987 |
| 5.6246528 | 32.671853 | -117.118933 | 5.78803241 | 32.66824 | -117.1218 | 5.96112269 | 32.66868 | -117.119987 |
| 5.6248380 | 32.671853 | -117.118947 | 5.78820602 | 32.66828 | -117.121747 | 5.9612963 | 32.66868 | -117.119987 |
| 5.6250116 | 32.671853 | -117.118960 | 5.78837963 | 32.6683 | -117.121707 | 5.96146991 | 32.66868 | -117.119987 |
| 5.6251852 | 32.671847 | -117.119000 | 5.78854167 | 32.66833 | -117.121667 | 5.96164352 | 32.66868 | -117.119987 |
| 5.6253472 | 32.671840 | -117.119000 | 5.78871528 | 32.6683 | -117.12168 | 5.96181713 | 32.66868 | -117.119987 |
| 5.6255208 | 32.671830 | -117.119013 | 5.78888889 | 32.66827 | -117.121693 | 5.96199074 | 32.66868 | -117.119987 |
| 5.6256944 | 32.671823 | -117.119027 | 5.7890625 | 32.66827 | -117.12168 | 5.96215278 | 32.66868 | -117.119987 |
| 5.6258681 | 32.671813 | -117.119053 | 5.78923611 | 32.66826 | -117.12168 | 5.96241898 | 32.66869 | -117.119987 |
| 5.6260532 | 32.671807 | -117.119053 | 5.7894213 | 32.66827 | -117.121667 | 5.96251157 | 32.66869 | -117.119987 |
| 5.6262269 | 32.671797 | -117.119053 | 5.78959491 | 32.66827 | -117.121627 | 5.96268519 | 32.66869 | -117.119987 |
| 5.6263889 | 32.671793 | -117.119080 | 5.78976852 | 32.66827 | -117.1216 | 5.96284722 | 32.66869 | -117.119973 |
| 5.6265972 | 32.671780 | -117.119107 | 5.79027778 | 32.6683 | -117.121533 | 5.96302083 | 32.66869 | -117.119973 |
| 5.6267477 | 32.671780 | -117.119147 | 5.79045139 | 32.66831 | -117.121533 | 5.96320602 | 32.66869 | -117.119973 |
| 5.6269097 | 32.671780 | -117.119147 | 5.79063657 | 32.66831 | -117.121533 | 5.96337963 | 32.66869 | -117.119973 |
| 5.6270833 | 32.671780 | -117.119147 | 5.79081019 | 32.6683 | -117.12152 | 5.96355324 | 32.66869 | -117.119973 |
| 5.6272685 | 32.671780 | -117.119147 | 5.7909838 | 32.66829 | -117.12152 | 5.96372685 | 32.6687 | -117.119973 |
| 5.6274421 | 32.671780 | -117.119147 | 5.79115741 | 32.6683 | -117.12152 | 5.96390046 | 32.6687 | -117.119973 |
| 5.6276157 | 32.671777 | -117.119147 | 5.79133102 | 32.66829 | -117.121507 | 5.96407407 | 32.6687 | -117.119973 |
| 5.6279514 | 32.671777 | -117.119147 | 5.79150463 | 32.66831 | -117.12148 | 5.96424769 | 32.6687 | -117.119973 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6281250 | 32.671773 | -117.119147 | 5.79177083 | 32.66832 | -117.121467 | 5.96528935 | 32.66848 | -117.119987 |
| 5.6282986 | 32.671773 | -117.119147 | 5.79185185 | 32.66833 | -117.121453 | 5.96546296 | 32.66844 | -117.119987 |
| 5.6284838 | 32.671773 | -117.119147 | 5.79202546 | 32.66833 | -117.12144 | 5.965625 | 32.6684 | -117.12 |
| 5.6286574 | 32.671770 | -117.119147 | 5.7921875 | 32.66831 | -117.12144 | 5.96584491 | 32.66838 | -117.120067 |
| 5.6288310 | 32.671767 | -117.119147 | 5.79236111 | 32.6683 | -117.121453 | 5.96597222 | 32.66837 | -117.12012 |
| 5.6289931 | 32.671757 | -117.119147 | 5.79253472 | 32.66827 | -117.121413 | 5.96615741 | 32.66834 | -117.120147 |
| 5.6291667 | 32.671743 | -117.119160 | 5.79270833 | 32.66826 | -117.121413 | 5.96633102 | 32.66833 | -117.1202 |
| 5.6293403 | 32.671740 | -117.119173 | 5.79288194 | 32.66825 | -117.121413 | 5.96650463 | 32.66831 | -117.120253 |
| 5.6296412 | 32.671723 | -117.119187 | 5.79305556 | 32.66826 | -117.121413 | 5.96673611 | 32.66831 | -117.120267 |
| 5.6298611 | 32.671707 | -117.119200 | 5.79322917 | 32.66824 | -117.1214 | 5.96684028 | 32.66832 | -117.120267 |
| 5.6300810 | 32.671700 | -117.119200 | 5.79341435 | 32.66823 | -117.1214 | 5.96703704 | 32.66833 | -117.120253 |
| 5.6302083 | 32.671693 | -117.119227 | 5.79358796 | 32.66823 | -117.121387 | 5.9671875 | 32.66833 | -117.120267 |
| 5.6303935 | 32.671670 | -117.119253 | 5.79601852 | 32.66824 | -117.121267 | 5.96737269 | 32.66832 | -117.120267 |
| 5.6305787 | 32.671657 | -117.119253 | 5.79619213 | 32.66823 | -117.121307 | 5.9675463 | 32.66832 | -117.120267 |
| 5.6307292 | 32.671657 | -117.119267 | 5.79636574 | 32.6682 | -117.12132 | 5.96778935 | 32.66831 | -117.120267 |
| 5.6309028 | 32.671650 | -117.119267 | 5.79653935 | 32.66818 | -117.12132 | 5.96789352 | 32.66832 | -117.120267 |
| 5.6310880 | 32.671640 | -117.119293 | 5.79671296 | 32.66818 | -117.121333 | 5.96806713 | 32.66832 | -117.120267 |
| 5.6312616 | 32.671630 | -117.119293 | 5.79688657 | 32.6682 | -117.12136 | 5.96825232 | 32.66831 | -117.120267 |
| 5.6314352 | 32.671620 | -117.119307 | 5.79706019 | 32.6682 | -117.12136 | 5.96840278 | 32.66832 | -117.120267 |
| 5.6319444 | 32.671583 | -117.119347 | 5.7972338 | 32.66819 | -117.12136 | 5.96857639 | 32.66832 | -117.120267 |
| 5.6321181 | 32.671570 | -117.119347 | 5.79740741 | 32.66819 | -117.12136 | 5.97032407 | 32.66833 | -117.120293 |
| 5.6322917 | 32.671563 | -117.119373 | 5.79758102 | 32.66819 | -117.12132 | 5.97049769 | 32.66836 | -117.120307 |
| 5.6324653 | 32.671553 | -117.119387 | 5.79775463 | 32.6682 | -117.12132 | 5.97065972 | 32.66835 | -117.120307 |
| 5.6326505 | 32.671547 | -117.119387 | 5.79792824 | 32.6682 | -117.12132 | 5.97083333 | 32.66835 | -117.120307 |
| 5.6328241 | 32.671540 | -117.119387 | 5.79810185 | 32.6682 | -117.12132 | 5.97100694 | 32.66837 | -117.120333 |
| 5.6329977 | 32.671533 | -117.119400 | 5.79827546 | 32.6682 | -117.121333 | 5.97118056 | 32.6684 | -117.120347 |
| 5.6331713 | 32.671530 | -117.119413 | 5.79844907 | 32.66821 | -117.12136 | 5.97135417 | 32.66841 | -117.12036 |
| 5.6333449 | 32.671527 | -117.119413 | 5.79862269 | 32.66823 | -117.1214 | 5.97159722 | 32.66841 | -117.120347 |
| 5.6335185 | 32.671513 | -117.119440 | 5.7987963 | 32.66822 | -117.1214 | 5.97170139 | 32.66841 | -117.120347 |
| 5.6336806 | 32.671503 | -117.119440 | 5.79896991 | 32.66823 | -117.1214 | 5.97188657 | 32.66842 | -117.120307 |
| 5.6338542 | 32.671497 | -117.119453 | 5.79914352 | 32.66821 | -117.121413 | 5.97211806 | 32.66842 | -117.120307 |
| 5.6340278 | 32.671483 | -117.119467 | 5.79982639 | 32.66822 | -117.1214 | 5.97222222 | 32.66842 | -117.120293 |
| 5.6342014 | 32.671467 | -117.119467 | 5.8 | 32.66823 | -117.1214 | 5.97239583 | 32.66841 | -117.120293 |
| 5.6343750 | 32.671463 | -117.119480 | 5.80017361 | 32.66823 | -117.1214 | 5.97256944 | 32.66839 | -117.120293 |
| 5.6345486 | 32.671453 | -117.119480 | 5.80034722 | 32.66823 | -117.121413 | 5.97274306 | 32.6684 | -117.120293 |
| 5.6347338 | 32.671437 | -117.119480 | 5.80052083 | 32.66825 | -117.121413 | 5.97291667 | 32.6684 | -117.120293 |
| 5.6349074 | 32.671423 | -117.119493 | 5.80069444 | 32.66825 | -117.121453 | 5.97310185 | 32.66839 | -117.120307 |
| 5.6350810 | 32.671417 | -117.119520 | 5.80086806 | 32.66825 | -117.121467 | 5.97327546 | 32.66838 | -117.120307 |
| 5.6352546 | 32.671400 | -117.119520 | 5.80104167 | 32.66824 | -117.12148 | 5.97344907 | 32.66838 | -117.120307 |
| 5.6359491 | 32.671357 | -117.119533 | 5.80121528 | 32.66824 | -117.121507 | 5.97362269 | 32.66838 | -117.120307 |
| 5.6362500 | 32.671337 | -117.119547 | 5.80138889 | 32.66824 | -117.12152 | 5.97413194 | 32.66841 | -117.120293 |
| 5.6364699 | 32.671327 | -117.119560 | 5.80157407 | 32.66825 | -117.12152 | 5.97430556 | 32.6684 | -117.120307 |
| 5.6366435 | 32.671320 | -117.119560 | 5.80174769 | 32.66825 | -117.121533 | 5.97449074 | 32.6684 | -117.120307 |
| 5.6368171 | 32.671317 | -117.119587 | 5.8019213 | 32.66824 | -117.121533 | 5.97466435 | 32.66839 | -117.120307 |
| 5.6369907 | 32.671317 | -117.119587 | 5.80209491 | 32.66824 | -117.121533 | 5.97483796 | 32.66839 | -117.120307 |
| 5.6371644 | 32.671317 | -117.119587 | 5.80226852 | 32.66825 | -117.121533 | 5.97501157 | 32.6684 | -117.12028 |
| 5.6373611 | 32.671313 | -117.119587 | 5.80244213 | 32.66828 | -117.121533 | 5.97518519 | 32.6684 | -117.120293 |
| 5.6375347 | 32.671307 | -117.119600 | 5.80260417 | 32.66829 | -117.121533 | 5.9753588 | 32.6684 | -117.120293 |
| 5.6376852 | 32.671307 | -117.119613 | 5.80277778 | 32.6683 | -117.121547 | 5.97552083 | 32.6684 | -117.120293 |
| 5.6378588 | 32.671283 | -117.119627 | 5.80295139 | 32.66828 | -117.12156 | 5.97569444 | 32.66841 | -117.120293 |
| 5.6380324 | 32.671270 | -117.119667 | 5.803125 | 32.66827 | -117.12156 | 5.97587963 | 32.6684 | -117.120307 |
| 5.6382060 | 32.671250 | -117.119667 | 5.80364583 | 32.66825 | -117.1216 | 5.97605324 | 32.66841 | -117.12028 |
| 5.6383796 | 32.671223 | -117.119680 | 5.80383102 | 32.66823 | -117.121613 | 5.97622685 | 32.66843 | -117.12028 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6385417 | 32.671207 | -117.119707 | 5.80400463 | 32.66823 | -117.121613 | 5.97638889 | 32.66843 | -117.12028 |
| 5.6387153 | 32.671200 | -117.119720 | 5.80417824 | 32.66823 | -117.121627 | 5.97657407 | 32.66844 | -117.12028 |
| 5.6388889 | 32.671190 | -117.119720 | 5.80435185 | 32.66824 | -117.121627 | 5.97674769 | 32.66844 | -117.12028 |
| 5.6392014 | 32.671170 | -117.119747 | 5.80452546 | 32.66827 | -117.121653 | 5.9769213 | 32.66844 | -117.12028 |
| 5.6394213 | 32.671153 | -117.119747 | 5.8046875 | 32.66826 | -117.121653 | 5.97709491 | 32.66844 | -117.12028 |
| 5.6395949 | 32.671143 | -117.119760 | 5.80486111 | 32.66828 | -117.121653 | 5.97726852 | 32.66843 | -117.12028 |
| 5.6401042 | 32.671103 | -117.119787 | 5.8050463 | 32.66831 | -117.12168 | 5.97744213 | 32.66843 | -117.12028 |
| 5.6402778 | 32.671097 | -117.119787 | 5.80521991 | 32.66831 | -117.121707 | 5.97831019 | 32.66843 | -117.12028 |
| 5.6404514 | 32.671087 | -117.119787 | 5.80539352 | 32.66831 | -117.121733 | 5.97855324 | 32.66843 | -117.12028 |
| 5.6406366 | 32.671073 | -117.119813 | 5.80556713 | 32.66826 | -117.121747 | 5.97865741 | 32.66843 | -117.12028 |
| 5.6408102 | 32.671060 | -117.119813 | 5.80574074 | 32.66831 | -117.121747 | 5.97883102 | 32.66842 | -117.12028 |
| 5.6409838 | 32.671050 | -117.119813 | 5.80591435 | 32.66833 | -117.1218 | 5.97900463 | 32.66842 | -117.12028 |
| 5.6411574 | 32.671040 | -117.119827 | 5.80608796 | 32.66833 | -117.1218 | 5.97917824 | 32.66842 | -117.12028 |
| 5.6413310 | 32.671033 | -117.119853 | 5.80626157 | 32.66832 | -117.121813 | 5.97934028 | 32.66842 | -117.12028 |
| 5.6415278 | 32.671020 | -117.119853 | 5.80643519 | 32.66834 | -117.1218 | 5.97951389 | 32.66843 | -117.12028 |
| 5.6416667 | 32.671007 | -117.119867 | 5.8066088 | 32.66834 | -117.121827 | 5.9797338 | 32.66843 | -117.12028 |
| 5.6418403 | 32.671000 | -117.119867 | 5.80678241 | 32.66833 | -117.12184 | 5.97986111 | 32.66843 | -117.12028 |
| 5.6420255 | 32.670997 | -117.119867 | 5.80695602 | 32.66832 | -117.121853 | 5.9800463 | 32.66843 | -117.120267 |
| 5.6421991 | 32.670980 | -117.119867 | 5.80746528 | 32.66832 | -117.121853 | 5.98021991 | 32.66844 | -117.120253 |
| 5.6423611 | 32.670967 | -117.119867 | 5.80763889 | 32.6683 | -117.12188 | 5.98039352 | 32.66844 | -117.120253 |
| 5.6425347 | 32.670957 | -117.119867 | 5.8078125 | 32.66829 | -117.12188 | 5.98056713 | 32.66822 | -117.120307 |
| 5.6427546 | 32.670950 | -117.119867 | 5.80799769 | 32.66828 | -117.121893 | 5.98072917 | 32.66829 | -117.120267 |
| 5.6428935 | 32.670947 | -117.119867 | 5.8081713 | 32.66828 | -117.12192 | 5.98090278 | 32.66819 | -117.12028 |
| 5.6430671 | 32.670940 | -117.119867 | 5.80834491 | 32.66828 | -117.12192 | 5.98109954 | 32.66833 | -117.120213 |
| 5.6432407 | 32.670930 | -117.119893 | 5.80851852 | 32.6683 | -117.12192 | 5.98125 | 32.66825 | -117.120213 |
| 5.6434028 | 32.670913 | -117.119907 | 5.80869213 | 32.66832 | -117.12192 | 5.98143519 | 32.6683 | -117.1202 |
| 5.6437500 | 32.670900 | -117.119920 | 5.80886574 | 32.66832 | -117.121947 | 5.9816088 | 32.66842 | -117.1202 |
| 5.6439352 | 32.670883 | -117.119933 | 5.80903935 | 32.66832 | -117.12196 | 5.98216435 | 32.66853 | -117.120187 |
| 5.6441088 | 32.670873 | -117.119933 | 5.80921296 | 32.66833 | -117.12196 | 5.98229167 | 32.66852 | -117.120187 |
| 5.6442824 | 32.670863 | -117.119960 | 5.80938657 | 32.66833 | -117.121947 | 5.98247685 | 32.66851 | -117.120187 |
| 5.6444676 | 32.670850 | -117.119960 | 5.80956019 | 32.66833 | -117.121947 | 5.98265046 | 32.66851 | -117.120147 |
| 5.6446181 | 32.670837 | -117.119960 | 5.8097338 | 32.66833 | -117.121947 | 5.98282407 | 32.66852 | -117.120133 |
| 5.6448032 | 32.670833 | -117.119987 | 5.80990741 | 32.66832 | -117.121947 | 5.98299769 | 32.66852 | -117.120133 |
| 5.6449769 | 32.670820 | -117.119987 | 5.81008102 | 32.66832 | -117.121947 | 5.9831713 | 32.66854 | -117.12012 |
| 5.6451505 | 32.670813 | -117.120000 | 5.81025463 | 32.66833 | -117.121947 | 5.98334491 | 32.66854 | -117.120107 |
| 5.6453241 | 32.670803 | -117.120000 | 5.81042824 | 32.66832 | -117.121987 | 5.98350694 | 32.66856 | -117.120067 |
| 5.6454977 | 32.670800 | -117.120013 | 5.81060185 | 32.66831 | -117.122 | 5.98368056 | 32.66855 | -117.120013 |
| 5.6456713 | 32.670797 | -117.120040 | 5.81077546 | 32.66829 | -117.122 | 5.98386574 | 32.66847 | -117.119933 |
| 5.6458333 | 32.670797 | -117.120053 | 5.8112963 | 32.66829 | -117.122067 | 5.98403935 | 32.66844 | -117.11992 |
| 5.6460069 | 32.670790 | -117.120067 | 5.81146991 | 32.66828 | -117.12208 | 5.98421296 | 32.66842 | -117.119933 |
| 5.6461806 | 32.670780 | -117.120080 | 5.81164352 | 32.66828 | -117.12208 | 5.984375 | 32.6684 | -117.11996 |
| 5.6463657 | 32.670780 | -117.120107 | 5.81181713 | 32.66827 | -117.122107 | 5.98454861 | 32.66837 | -117.119973 |
| 5.6465394 | 32.670760 | -117.120120 | 5.81199074 | 32.66824 | -117.122133 | 5.98472222 | 32.66836 | -117.12 |
| 5.6467130 | 32.670753 | -117.120133 | 5.81216435 | 32.66824 | -117.122133 | 5.98490741 | 32.6683 | -117.11996 |
| 5.6468750 | 32.670743 | -117.120147 | 5.81233796 | 32.66824 | -117.122147 | 5.98508102 | 32.66825 | -117.11996 |
| 5.6470486 | 32.670730 | -117.120147 | 5.81251157 | 32.66823 | -117.122173 | 5.9852662 | 32.6682 | -117.120013 |
| 5.6475694 | 32.670700 | -117.120200 | 5.81268519 | 32.66823 | -117.122187 | 5.98541667 | 32.66816 | -117.120067 |
| 5.6477431 | 32.670690 | -117.120200 | 5.8128588 | 32.66822 | -117.1222 | 5.98663194 | 32.66809 | -117.12012 |
| 5.6479167 | 32.670680 | -117.120213 | 5.81303241 | 32.66821 | -117.122213 | 5.98680556 | 32.66809 | -117.120107 |
| 5.6480903 | 32.670667 | -117.120227 | 5.81320602 | 32.66823 | -117.122213 | 5.98697917 | 32.66808 | -117.120107 |
| 5.6482755 | 32.670650 | -117.120253 | 5.81337963 | 32.66822 | -117.122227 | 5.98716435 | 32.66808 | -117.120107 |
| 5.6484954 | 32.670637 | -117.120253 | 5.81355324 | 32.66822 | -117.122227 | 5.98733796 | 32.66808 | -117.120107 |
| 5.6486227 | 32.670633 | -117.120267 | 5.81372685 | 32.66822 | -117.122253 | 5.98751157 | 32.66808 | -117.120107 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6487963 | 32.670623 | -117.120267 | 5.81390046 | 32.6682 | -117.122253 | 5.98768519 | 32.66807 | -117.120107 |
| 5.6489583 | 32.670610 | -117.120280 | 5.81407407 | 32.6682 | -117.122267 | 5.9878588 | 32.66807 | -117.120107 |
| 5.6491319 | 32.670600 | -117.120280 | 5.81424769 | 32.6682 | -117.12228 | 5.98811343 | 32.66807 | -117.12008 |
| 5.6493171 | 32.670590 | -117.120293 | 5.8144213 | 32.66819 | -117.12228 | 5.98819444 | 32.66807 | -117.12008 |
| 5.6494907 | 32.670577 | -117.120307 | 5.81459491 | 32.66819 | -117.12232 | 5.98836806 | 32.66807 | -117.120067 |
| 5.6496528 | 32.670563 | -117.120307 | 5.81719907 | 32.66814 | -117.122493 | 5.98858796 | 32.66807 | -117.120067 |
| 5.6498264 | 32.670553 | -117.120333 | 5.81737269 | 32.66813 | -117.12252 | 5.98878472 | 32.66807 | -117.120067 |
| 5.6500116 | 32.670543 | -117.120347 | 5.8175463 | 32.66814 | -117.12252 | 5.98895833 | 32.66807 | -117.120067 |
| 5.6501852 | 32.670533 | -117.120360 | 5.81771991 | 32.66814 | -117.12252 | 5.9890625 | 32.66808 | -117.120067 |
| 5.6503472 | 32.670527 | -117.120373 | 5.81789352 | 32.66814 | -117.12252 | 5.98928241 | 32.66808 | -117.120067 |
| 5.6505208 | 32.670520 | -117.120400 | 5.81806713 | 32.66813 | -117.122547 | 5.98940972 | 32.66808 | -117.120053 |
| 5.6507060 | 32.670513 | -117.120400 | 5.81827546 | 32.66813 | -117.12256 | 5.98959491 | 32.66808 | -117.120053 |
| 5.6508796 | 32.670503 | -117.120400 | 5.81840278 | 32.66813 | -117.12256 | 5.98976852 | 32.66808 | -117.120053 |
| 5.6522569 | 32.670427 | -117.120520 | 5.81857639 | 32.66813 | -117.122587 | 5.98993056 | 32.66808 | -117.120053 |
| 5.6524306 | 32.670417 | -117.120547 | 5.81876157 | 32.66812 | -117.122587 | 5.99028935 | 32.66809 | -117.120013 |
| 5.6526157 | 32.670413 | -117.120547 | 5.81893519 | 32.66813 | -117.122613 | 5.99049769 | 32.66809 | -117.120013 |
| 5.6527894 | 32.670407 | -117.120547 | 5.8191088 | 32.66813 | -117.122613 | 5.990625 | 32.6681 | -117.120013 |
| 5.6529514 | 32.670397 | -117.120573 | 5.81928241 | 32.66815 | -117.122613 | 5.99079861 | 32.66811 | -117.12 |
| 5.6531366 | 32.670390 | -117.120587 | 5.81945602 | 32.66815 | -117.122613 | 5.99097222 | 32.66812 | -117.12 |
| 5.6533102 | 32.670383 | -117.120600 | 5.81962963 | 32.66816 | -117.122627 | 5.99114583 | 32.66812 | -117.12 |
| 5.6535185 | 32.670370 | -117.120600 | 5.81980324 | 32.66817 | -117.12264 | 5.99133102 | 32.66812 | -117.119987 |
| 5.6536458 | 32.670367 | -117.120600 | 5.81997685 | 32.66816 | -117.12264 | 5.99149306 | 32.66812 | -117.119987 |
| 5.6538194 | 32.670353 | -117.120627 | 5.82015046 | 32.66816 | -117.12264 | 5.99172454 | 32.66812 | -117.119987 |
| 5.6540046 | 32.670347 | -117.120653 | 5.82032407 | 32.66814 | -117.122667 | 5.99185185 | 32.66812 | -117.119987 |
| 5.6541782 | 32.670340 | -117.120653 | 5.82049769 | 32.66815 | -117.122653 | 5.99202546 | 32.66813 | -117.119987 |
| 5.6543634 | 32.670333 | -117.120667 | 5.82204861 | 32.66812 | -117.12272 | 5.99219907 | 32.66814 | -117.119987 |
| 5.6545139 | 32.670320 | -117.120693 | 5.8222338 | 32.66812 | -117.122733 | 5.99236111 | 32.66815 | -117.119987 |
| 5.6546875 | 32.670317 | -117.120693 | 5.82240741 | 32.66811 | -117.122733 | 5.99253472 | 32.66815 | -117.119987 |
| 5.6548727 | 32.670310 | -117.120720 | 5.82258102 | 32.6681 | -117.122733 | 5.99275463 | 32.66816 | -117.119987 |
| 5.6550463 | 32.670310 | -117.120720 | 5.82277778 | 32.66809 | -117.12276 | 5.99289352 | 32.66816 | -117.119987 |
| 5.6552199 | 32.670303 | -117.120733 | 5.82292824 | 32.66809 | -117.122733 | 5.99306713 | 32.66817 | -117.119987 |
| 5.6553819 | 32.670300 | -117.120747 | 5.82310185 | 32.6681 | -117.122733 | 5.99322917 | 32.66817 | -117.119987 |
| 5.6555556 | 32.670303 | -117.120747 | 5.82327546 | 32.66808 | -117.12276 | 5.99340278 | 32.66818 | -117.119987 |
| 5.6562616 | 32.670293 | -117.120813 | 5.82344907 | 32.66807 | -117.12276 | 5.99357639 | 32.66818 | -117.119973 |
| 5.6564352 | 32.670287 | -117.120840 | 5.82362269 | 32.66807 | -117.122787 | 5.99392361 | 32.66818 | -117.119973 |
| 5.6566088 | 32.670283 | -117.120853 | 5.8237963 | 32.66806 | -117.122787 | 5.9941088 | 32.66819 | -117.119973 |
| 5.6567824 | 32.670280 | -117.120867 | 5.82396991 | 32.66807 | -117.122787 | 5.99438657 | 32.66819 | -117.119973 |
| 5.6569560 | 32.670277 | -117.120880 | 5.82414352 | 32.66805 | -117.122787 | 5.99446759 | 32.6682 | -117.119973 |
| 5.6571296 | 32.670277 | -117.120880 | 5.82430556 | 32.66805 | -117.122787 | 5.99461806 | 32.6682 | -117.119973 |
| 5.6573843 | 32.670273 | -117.120920 | 5.82457176 | 32.66804 | -117.122787 | 5.99479167 | 32.6682 | -117.119973 |
| 5.6574653 | 32.670267 | -117.120920 | 5.82465278 | 32.66804 | -117.122787 | 5.99496528 | 32.6682 | -117.119973 |
| 5.6576505 | 32.670257 | -117.120947 | 5.82483796 | 32.66803 | -117.122787 | 5.99515046 | 32.66821 | -117.119987 |
| 5.6578241 | 32.670250 | -117.120947 | 5.82501157 | 32.66802 | -117.122787 | 5.99532407 | 32.66823 | -117.119987 |
| 5.6579977 | 32.670243 | -117.120947 | 5.82518519 | 32.66801 | -117.122787 | 5.99549769 | 32.66823 | -117.119987 |
| 5.6581597 | 32.670237 | -117.120960 | 5.82534722 | 32.668 | -117.122787 | 5.9956713 | 32.66825 | -117.12 |
| 5.6583333 | 32.670227 | -117.120973 | 5.82708333 | 32.66796 | -117.122787 | 5.99586806 | 32.66825 | -117.12 |
| 5.6585069 | 32.670227 | -117.120973 | 5.82725694 | 32.66796 | -117.122787 | 5.99601852 | 32.66826 | -117.12 |
| 5.6586806 | 32.670227 | -117.120973 | 5.82744213 | 32.66794 | -117.122813 | 5.99619213 | 32.66827 | -117.120013 |
| 5.6589120 | 32.670227 | -117.120973 | 5.82761574 | 32.66793 | -117.122813 | 5.99640046 | 32.66827 | -117.120013 |
| 5.6590394 | 32.670227 | -117.120973 | 5.82778935 | 32.66792 | -117.12284 | 5.99658565 | 32.66827 | -117.120013 |
| 5.6592245 | 32.670227 | -117.120973 | 5.82796296 | 32.66792 | -117.12284 | 5.99671296 | 32.66828 | -117.120013 |
| 5.6593750 | 32.670227 | -117.120973 | 5.82813657 | 32.66791 | -117.122853 | 5.99688657 | 32.66828 | -117.120013 |
| 5.6595486 | 32.670227 | -117.120973 | 5.82833333 | 32.6679 | -117.122853 | 5.99704861 | 32.66828 | -117.12004 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6600694 | 32.670227 | -117.121000 | 5.8284838 | 32.6679 | -117.122853 | 5.99722222 | 32.66829 | -117.120053 |
| 5.6602546 | 32.670227 | -117.121000 | 5.82864583 | 32.6679 | -117.122853 | 5.9987963 | 32.66839 | -117.120053 |
| 5.6604282 | 32.670227 | -117.121000 | 5.82883102 | 32.66789 | -117.122853 | 5.99896991 | 32.6684 | -117.120067 |
| 5.6606019 | 32.670227 | -117.121000 | 5.82900463 | 32.66789 | -117.122853 | 5.99914352 | 32.66841 | -117.120107 |
| 5.6607755 | 32.670227 | -117.121000 | 5.82917824 | 32.66788 | -117.122853 | 5.99931713 | 32.66841 | -117.120107 |
| 5.6609491 | 32.670227 | -117.121000 | 5.82934028 | 32.66788 | -117.122853 | 5.99947917 | 32.66841 | -117.120107 |
| 5.6611227 | 32.670227 | -117.121000 | 5.82951389 | 32.66788 | -117.122853 | 5.99965278 | 32.66841 | -117.120107 |
| 5.6612963 | 32.670227 | -117.121000 | 5.8296875 | 32.66788 | -117.122853 | 5.99983796 | 32.66841 | -117.12012 |
| 5.6614583 | 32.670227 | -117.121013 | 5.82987269 | 32.66787 | -117.122867 | 6.00001157 | 32.6684 | -117.12012 |
| 5.6616319 | 32.670227 | -117.121013 | 5.8300463 | 32.66786 | -117.122853 | 6.00018519 | 32.66841 | -117.12012 |
| 5.6618171 | 32.670227 | -117.121013 | 5.83021991 | 32.66785 | -117.122853 | 6.0003588 | 32.66841 | -117.120133 |
| 5.6619907 | 32.670223 | -117.121013 | 5.83039352 | 32.66784 | -117.122853 | 6.00052083 | 32.66841 | -117.12012 |
| 5.6621528 | 32.670223 | -117.121027 | 5.83108796 | 32.66781 | -117.122813 | 6.00069444 | 32.66841 | -117.120133 |
| 5.6623264 | 32.670223 | -117.121067 | 5.83126157 | 32.66781 | -117.122813 | 6.00086806 | 32.66841 | -117.120133 |
| 5.6625000 | 32.670223 | -117.121067 | 5.83143519 | 32.66781 | -117.122813 | 6.00104167 | 32.66842 | -117.120147 |
| 5.6626968 | 32.670230 | -117.121107 | 5.8316088 | 32.6678 | -117.122813 | 6.00130787 | 32.66843 | -117.12016 |
| 5.6628472 | 32.670223 | -117.121120 | 5.83178241 | 32.66781 | -117.122813 | 6.00138889 | 32.66843 | -117.120187 |
| 5.6630208 | 32.670220 | -117.121120 | 5.83194444 | 32.6678 | -117.122813 | 6.0015625 | 32.66843 | -117.120187 |
| 5.6632060 | 32.670230 | -117.121160 | 5.83211806 | 32.66781 | -117.122813 | 6.00173611 | 32.66847 | -117.12016 |
| 5.6633796 | 32.670237 | -117.121187 | 5.83229167 | 32.66779 | -117.122813 | 6.0019213 | 32.66845 | -117.120187 |
| 5.6639005 | 32.670220 | -117.121293 | 5.83251157 | 32.66778 | -117.122813 | 6.00209491 | 32.66847 | -117.12016 |
| 5.6640741 | 32.670220 | -117.121320 | 5.83263889 | 32.66779 | -117.1228 | 6.00261574 | 32.66848 | -117.120213 |
| 5.6642477 | 32.670213 | -117.121320 | 5.83282407 | 32.66779 | -117.1228 | 6.00278935 | 32.6685 | -117.120227 |
| 5.6644213 | 32.670213 | -117.121320 | 5.83299769 | 32.66779 | -117.1228 | 6.00295139 | 32.66852 | -117.120253 |
| 5.6645949 | 32.670213 | -117.121320 | 5.8331713 | 32.66779 | -117.1228 | 6.003125 | 32.66851 | -117.120267 |
| 5.6647685 | 32.670213 | -117.121320 | 5.83334491 | 32.6678 | -117.1228 | 6.00329861 | 32.66849 | -117.120293 |
| 5.6649421 | 32.670213 | -117.121320 | 5.83351852 | 32.66781 | -117.1228 | 6.00347222 | 32.66847 | -117.120347 |
| 5.6651505 | 32.670213 | -117.121333 | 5.83372685 | 32.66781 | -117.1228 | 6.00365741 | 32.66837 | -117.1204 |
| 5.6652778 | 32.670213 | -117.121333 | 5.83385417 | 32.6678 | -117.1228 | 6.00393519 | 32.66818 | -117.120427 |
| 5.6655093 | 32.670213 | -117.121333 | 5.83402778 | 32.66779 | -117.1228 | 6.00403935 | 32.66812 | -117.120453 |
| 5.6656366 | 32.670213 | -117.121333 | 5.83420139 | 32.66779 | -117.122813 | 6.00416667 | 32.66803 | -117.120493 |
| 5.6658102 | 32.670213 | -117.121333 | 5.83438657 | 32.66778 | -117.1228 | 6.00434028 | 32.66797 | -117.120547 |
| 5.6659722 | 32.670213 | -117.121333 | 5.83601852 | 32.66772 | -117.122787 | 6.00452546 | 32.66796 | -117.120547 |
| 5.6661458 | 32.670210 | -117.121360 | 5.83612269 | 32.66772 | -117.122787 | 6.00476852 | 32.66796 | -117.120547 |
| 5.6663657 | 32.670207 | -117.121360 | 5.8362963 | 32.66771 | -117.122787 | 6.00487269 | 32.66796 | -117.120547 |
| 5.6664931 | 32.670207 | -117.121360 | 5.83646991 | 32.66771 | -117.122773 | 6.0050463 | 32.66795 | -117.120547 |
| 5.6666782 | 32.670207 | -117.121373 | 5.83663194 | 32.6677 | -117.122773 | 6.00521991 | 32.66794 | -117.120547 |
| 5.6668519 | 32.670210 | -117.121387 | 5.83680556 | 32.6677 | -117.12276 | 6.00539352 | 32.66794 | -117.120547 |
| 5.6670255 | 32.670213 | -117.121387 | 5.83697917 | 32.66769 | -117.12276 | 6.00556713 | 32.66794 | -117.120547 |
| 5.6671991 | 32.670210 | -117.121400 | 5.83716435 | 32.66769 | -117.12276 | 6.00574074 | 32.66794 | -117.120547 |
| 5.6675347 | 32.670210 | -117.121413 | 5.83733796 | 32.66768 | -117.12276 | 6.00590278 | 32.66794 | -117.120547 |
| 5.6677431 | 32.670210 | -117.121413 | 5.83758102 | 32.66768 | -117.12276 | 6.00642361 | 32.66794 | -117.120547 |
| 5.6678935 | 32.670210 | -117.121413 | 5.83768519 | 32.66767 | -117.12276 | 6.0066088 | 32.66794 | -117.120547 |
| 5.6680671 | 32.670210 | -117.121413 | 5.8378588 | 32.66766 | -117.12276 | 6.00678241 | 32.66794 | -117.12056 |
| 5.6682407 | 32.670207 | -117.121413 | 5.83802083 | 32.66766 | -117.12276 | 6.00697917 | 32.66794 | -117.12056 |
| 5.6684144 | 32.670207 | -117.121413 | 5.83819444 | 32.66766 | -117.12276 | 6.00711806 | 32.66794 | -117.120573 |
| 5.6685880 | 32.670207 | -117.121413 | 5.83836806 | 32.66765 | -117.122733 | 6.00729167 | 32.66794 | -117.120573 |
| 5.6687616 | 32.670207 | -117.121413 | 5.83863426 | 32.66764 | -117.12272 | 6.00747685 | 32.66794 | -117.120587 |
| 5.6689352 | 32.670207 | -117.121413 | 5.83871528 | 32.66764 | -117.12272 | 6.00765046 | 32.66794 | -117.120587 |
| 5.6691088 | 32.670207 | -117.121413 | 5.83888889 | 32.66763 | -117.12272 | 6.00782407 | 32.66794 | -117.120587 |
| 5.6692824 | 32.670207 | -117.121413 | 5.83907407 | 32.66763 | -117.122693 | 6.00798611 | 32.66794 | -117.1206 |
| 5.6694560 | 32.670203 | -117.121413 | 5.83924769 | 32.66762 | -117.122693 | 6.00815972 | 32.66794 | -117.1206 |
| 5.6696296 | 32.670203 | -117.121440 | 5.83975694 | 32.6676 | -117.122693 | 6.00833333 | 32.66794 | -117.1206 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6698032 | 32.670203 | -117.121440 | 5.83993056 | 32.6676 | -117.122693 | 6.00851852 | 32.66795 | -117.120587 |
| 5.6699769 | 32.670203 | -117.121440 | 5.84010417 | 32.66759 | -117.122693 | 6.00869213 | 32.66795 | -117.120587 |
| 5.6701505 | 32.670200 | -117.121453 | 5.84027778 | 32.66759 | -117.122693 | 6.00886574 | 32.66795 | -117.120587 |
| 5.6703241 | 32.670200 | -117.121453 | 5.84049769 | 32.66757 | -117.122707 | 6.00903935 | 32.66795 | -117.120587 |
| 5.6704977 | 32.670200 | -117.121453 | 5.840625 | 32.66756 | -117.122707 | 6.00921296 | 32.66795 | -117.120587 |
| 5.6706713 | 32.670200 | -117.121467 | 5.84081019 | 32.66756 | -117.122693 | 6.00944444 | 32.66795 | -117.120587 |
| 5.6708449 | 32.670200 | -117.121467 | 5.8409838 | 32.66755 | -117.122693 | 6.00954861 | 32.66795 | -117.120587 |
| 5.6713657 | 32.670210 | -117.121480 | 5.84115741 | 32.66754 | -117.122693 | 6.0097338 | 32.66795 | -117.120573 |
| 5.6715394 | 32.670210 | -117.121480 | 5.84133102 | 32.66754 | -117.122667 | 6.01027778 | 32.66796 | -117.12056 |
| 5.6717130 | 32.670210 | -117.121480 | 5.84149306 | 32.66754 | -117.122667 | 6.01042824 | 32.66796 | -117.120573 |
| 5.6718866 | 32.670207 | -117.121480 | 5.84166667 | 32.66753 | -117.122667 | 6.01060185 | 32.66796 | -117.120573 |
| 5.6720486 | 32.670207 | -117.121480 | 5.84184028 | 32.66752 | -117.122667 | 6.01077546 | 32.66796 | -117.120587 |
| 5.6722222 | 32.670207 | -117.121507 | 5.84202546 | 32.66753 | -117.122667 | 6.01094907 | 32.66796 | -117.120587 |
| 5.6723958 | 32.670207 | -117.121507 | 5.84219907 | 32.6675 | -117.122667 | 6.01112269 | 32.66797 | -117.120587 |
| 5.6725694 | 32.670203 | -117.121520 | 5.84237269 | 32.66749 | -117.122667 | 6.0112963 | 32.66797 | -117.120587 |
| 5.6727431 | 32.670200 | -117.121520 | 5.84253472 | 32.66748 | -117.122667 | 6.01146991 | 32.66797 | -117.120587 |
| 5.6729167 | 32.670200 | -117.121520 | 5.84270833 | 32.66747 | -117.122667 | 6.01164352 | 32.66797 | -117.1206 |
| 5.6731019 | 32.670193 | -117.121533 | 5.84288194 | 32.66746 | -117.122667 | 6.01181713 | 32.66798 | -117.1206 |
| 5.6732755 | 32.670190 | -117.121533 | 5.8430787 | 32.66745 | -117.122653 | 6.01197917 | 32.66798 | -117.1206 |
| 5.6734491 | 32.670190 | -117.121533 | 5.84358796 | 32.66742 | -117.122667 | 6.01215278 | 32.66798 | -117.1206 |
| 5.6736227 | 32.670190 | -117.121533 | 5.84376157 | 32.66741 | -117.122667 | 6.01232639 | 32.66798 | -117.1206 |
| 5.6737963 | 32.670190 | -117.121533 | 5.84393519 | 32.6674 | -117.122667 | 6.0125463 | 32.66798 | -117.1206 |
| 5.6739699 | 32.670190 | -117.121547 | 5.8441088 | 32.6674 | -117.122653 | 6.01267361 | 32.66798 | -117.1206 |
| 5.6741435 | 32.670190 | -117.121547 | 5.84427083 | 32.6674 | -117.12264 | 6.01284722 | 32.66798 | -117.1206 |
| 5.6743171 | 32.670190 | -117.121547 | 5.84444444 | 32.6674 | -117.122627 | 6.01302083 | 32.66797 | -117.1206 |
| 5.6744907 | 32.670190 | -117.121547 | 5.84462963 | 32.6674 | -117.122627 | 6.01319444 | 32.66797 | -117.1206 |
| 5.6746644 | 32.670190 | -117.121547 | 5.84480324 | 32.66739 | -117.122613 | 6.01336806 | 32.66797 | -117.1206 |
| 5.6751736 | 32.670190 | -117.121547 | 5.84497685 | 32.66738 | -117.122613 | 6.01354167 | 32.66797 | -117.1206 |
| 5.6753472 | 32.670190 | -117.121547 | 5.84513889 | 32.66737 | -117.122613 | 6.01423611 | 32.66799 | -117.12064 |
| 5.6755208 | 32.670190 | -117.121560 | 5.84532407 | 32.66736 | -117.122613 | 6.01440972 | 32.66799 | -117.120653 |
| 5.6756944 | 32.670190 | -117.121560 | 5.84549769 | 32.66735 | -117.122613 | 6.01458333 | 32.66799 | -117.120653 |
| 5.6758681 | 32.670193 | -117.121560 | 5.84569444 | 32.66734 | -117.122613 | 6.01475694 | 32.66798 | -117.120653 |
| 5.6760417 | 32.670190 | -117.121587 | 5.84584491 | 32.66733 | -117.122613 | 6.01493056 | 32.66799 | -117.120653 |
| 5.6762153 | 32.670190 | -117.121600 | 5.84601852 | 32.66733 | -117.122613 | 6.01511574 | 32.66799 | -117.120653 |
| 5.6763889 | 32.670193 | -117.121613 | 5.84619213 | 32.66732 | -117.122587 | 6.01528935 | 32.66799 | -117.120653 |
| 5.6765741 | 32.670193 | -117.121627 | 5.84636574 | 32.66732 | -117.122587 | 6.01546296 | 32.66799 | -117.120653 |
| 5.6767477 | 32.670193 | -117.121627 | 5.84653935 | 32.66732 | -117.122573 | 6.01563657 | 32.66799 | -117.120653 |
| 5.6769213 | 32.670193 | -117.121653 | 5.84671296 | 32.66732 | -117.122573 | 6.01579861 | 32.66799 | -117.120667 |
| 5.6770949 | 32.670193 | -117.121653 | 5.84688657 | 32.66731 | -117.122573 | 6.01597222 | 32.66799 | -117.120667 |
| 5.6772685 | 32.670193 | -117.121653 | 5.84740741 | 32.6673 | -117.12256 | 6.01614583 | 32.66799 | -117.120693 |
| 5.6774421 | 32.670193 | -117.121653 | 5.84774306 | 32.66729 | -117.12256 | 6.01631944 | 32.66799 | -117.120693 |
| 5.6776157 | 32.670200 | -117.121653 | 5.84791667 | 32.66729 | -117.12256 | 6.0165162 | 32.66798 | -117.120693 |
| 5.6777778 | 32.670200 | -117.121653 | 5.84809028 | 32.66729 | -117.122547 | 6.01666667 | 32.66797 | -117.120693 |
| 5.6779514 | 32.670200 | -117.121653 | 5.84827546 | 32.66729 | -117.122547 | 6.01684028 | 32.66796 | -117.120693 |
| 5.6781250 | 32.670200 | -117.121653 | 5.84844907 | 32.66729 | -117.122547 | 6.01701389 | 32.66796 | -117.120693 |
| 5.6782986 | 32.670200 | -117.121653 | 5.84862269 | 32.66729 | -117.122547 | 6.01719907 | 32.66796 | -117.120707 |
| 5.6784838 | 32.670200 | -117.121653 | 5.8487963 | 32.66729 | -117.122547 | 6.01737269 | 32.66796 | -117.120707 |
| 5.6795255 | 32.670213 | -117.121667 | 5.84895833 | 32.66729 | -117.122547 | 6.0175463 | 32.66796 | -117.120707 |
| 5.6796991 | 32.670223 | -117.121667 | 5.84913194 | 32.66729 | -117.122547 | 6.01809028 | 32.66798 | -117.12072 |
| 5.6798611 | 32.670230 | -117.121667 | 5.84930556 | 32.66728 | -117.122547 | 6.01822917 | 32.66798 | -117.12072 |
| 5.6800347 | 32.670240 | -117.121680 | 5.84949074 | 32.66728 | -117.12252 | 6.01840278 | 32.66799 | -117.12072 |
| 5.6802083 | 32.670247 | -117.121680 | 5.84966435 | 32.66728 | -117.12252 | 6.01857639 | 32.66799 | -117.12072 |
| 5.6803819 | 32.670250 | -117.121680 | 5.84983796 | 32.66727 | -117.12252 | 6.01875 | 32.668 | -117.12072 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6805556 | 32.670250 | -117.121680 | 5.85 | 32.66726 | -117.12252 | 6.01894676 | 32.668 | -117.12072 |
| 5.6807292 | 32.670260 | -117.121680 | 5.85017361 | 32.66726 | -117.12252 | 6.01909722 | 32.668 | -117.12072 |
| 5.6810301 | 32.670277 | -117.121680 | 5.85034722 | 32.66726 | -117.12252 | 6.01927083 | 32.668 | -117.12072 |
| 5.6812500 | 32.670287 | -117.121680 | 5.85052083 | 32.66726 | -117.12252 | 6.01944444 | 32.668 | -117.120733 |
| 5.6814236 | 32.670303 | -117.121667 | 5.85069444 | 32.66725 | -117.12252 | 6.01961806 | 32.668 | -117.120733 |
| 5.6816204 | 32.670313 | -117.121667 | 5.85087963 | 32.66726 | -117.12252 | 6.01979167 | 32.66801 | -117.120733 |
| 5.6817824 | 32.670323 | -117.121667 | 5.85209491 | 32.66725 | -117.122493 | 6.01996528 | 32.66801 | -117.120733 |
| 5.6819560 | 32.670330 | -117.121653 | 5.85226852 | 32.66725 | -117.122493 | 6.02013889 | 32.66801 | -117.120747 |
| 5.6821296 | 32.670340 | -117.121653 | 5.85244213 | 32.66725 | -117.122493 | 6.0203125 | 32.66801 | -117.120747 |
| 5.6823032 | 32.670357 | -117.121653 | 5.85261574 | 32.66725 | -117.122493 | 6.02049769 | 32.66801 | -117.120773 |
| 5.6824769 | 32.670377 | -117.121667 | 5.85278935 | 32.66725 | -117.122493 | 6.0206713 | 32.66801 | -117.120787 |
| 5.6826620 | 32.670383 | -117.121667 | 5.85295139 | 32.66724 | -117.12248 | 6.02084491 | 32.66801 | -117.120787 |
| 5.6828125 | 32.670383 | -117.121667 | 5.853125 | 32.66724 | -117.12248 | 6.02101852 | 32.66802 | -117.1208 |
| 5.6829861 | 32.670387 | -117.121667 | 5.85331019 | 32.66724 | -117.12248 | 6.02119213 | 32.66802 | -117.1208 |
| 5.6838542 | 32.670417 | -117.121653 | 5.8534838 | 32.66723 | -117.12248 | 6.021875 | 32.66802 | -117.1208 |
| 5.6840278 | 32.670440 | -117.121667 | 5.85365741 | 32.66723 | -117.12248 | 6.02204861 | 32.66802 | -117.120813 |
| 5.6842014 | 32.670447 | -117.121680 | 5.85383102 | 32.66722 | -117.122467 | 6.02222222 | 32.66802 | -117.120813 |
| 5.6843866 | 32.670453 | -117.121667 | 5.85400463 | 32.66721 | -117.122467 | 6.02239583 | 32.66803 | -117.12084 |
| 5.6845833 | 32.670470 | -117.121667 | 5.85416667 | 32.66722 | -117.122467 | 6.02256944 | 32.66804 | -117.12084 |
| 5.6847338 | 32.670477 | -117.121667 | 5.85434028 | 32.66722 | -117.12244 | 6.02274306 | 32.66805 | -117.12084 |
| 5.6848958 | 32.670490 | -117.121667 | 5.85451389 | 32.66722 | -117.12244 | 6.02292824 | 32.66805 | -117.120853 |
| 5.6850694 | 32.670497 | -117.121667 | 5.8546875 | 32.66721 | -117.122467 | 6.02310185 | 32.66805 | -117.120853 |
| 5.6852778 | 32.670513 | -117.121653 | 5.85490741 | 32.66721 | -117.122427 | 6.02327546 | 32.66805 | -117.120853 |
| 5.6854282 | 32.670517 | -117.121653 | 5.85503472 | 32.66721 | -117.122427 | 6.02344907 | 32.66806 | -117.120867 |
| 5.6856019 | 32.670523 | -117.121653 | 5.85530093 | 32.66721 | -117.122413 | 6.02362269 | 32.66806 | -117.120867 |
| 5.6857755 | 32.670523 | -117.121653 | 5.85538194 | 32.66721 | -117.122413 | 6.0237963 | 32.66805 | -117.12088 |
| 5.6859491 | 32.670527 | -117.121653 | 5.85626157 | 32.6672 | -117.122413 | 6.02396991 | 32.66805 | -117.12088 |
| 5.6861111 | 32.670540 | -117.121653 | 5.85643519 | 32.6672 | -117.1224 | 6.02414352 | 32.66805 | -117.12088 |
| 5.6862847 | 32.670550 | -117.121627 | 5.8566088 | 32.6672 | -117.1224 | 6.02430556 | 32.66805 | -117.120893 |
| 5.6864583 | 32.670550 | -117.121627 | 5.85678241 | 32.6672 | -117.122373 | 6.02447917 | 32.66805 | -117.12092 |
| 5.6866435 | 32.670550 | -117.121627 | 5.85694444 | 32.6672 | -117.122373 | 6.02465278 | 32.66805 | -117.12092 |
| 5.6868171 | 32.670560 | -117.121627 | 5.85711806 | 32.66719 | -117.122373 | 6.02483796 | 32.66805 | -117.12092 |
| 5.6869907 | 32.670560 | -117.121627 | 5.85729167 | 32.66719 | -117.1224 | 6.02501157 | 32.66805 | -117.12092 |
| 5.6871528 | 32.670570 | -117.121613 | 5.85747685 | 32.66718 | -117.122413 | 6.02518519 | 32.66805 | -117.12092 |
| 5.6876736 | 32.670587 | -117.121600 | 5.85765046 | 32.66718 | -117.122413 | 6.02569444 | 32.66803 | -117.120933 |
| 5.6878472 | 32.670587 | -117.121600 | 5.85782407 | 32.66718 | -117.122413 | 6.02586806 | 32.66804 | -117.120947 |
| 5.6880324 | 32.670600 | -117.121600 | 5.85799769 | 32.66716 | -117.1224 | 6.02605324 | 32.66803 | -117.120947 |
| 5.6882060 | 32.670600 | -117.121600 | 5.8581713 | 32.66716 | -117.1224 | 6.02622685 | 32.66805 | -117.120947 |
| 5.6883912 | 32.670607 | -117.121587 | 5.85834491 | 32.66716 | -117.122373 | 6.02640046 | 32.66806 | -117.12096 |
| 5.6885417 | 32.670613 | -117.121600 | 5.85851852 | 32.66717 | -117.122373 | 6.02657407 | 32.66806 | -117.120973 |
| 5.6887153 | 32.670613 | -117.121587 | 5.85876157 | 32.66717 | -117.122373 | 6.02674769 | 32.66806 | -117.120973 |
| 5.6889352 | 32.670610 | -117.121560 | 5.85886574 | 32.66717 | -117.12236 | 6.0269213 | 32.66806 | -117.120973 |
| 5.6890625 | 32.670610 | -117.121560 | 5.85903935 | 32.66716 | -117.122347 | 6.02709491 | 32.66806 | -117.120973 |
| 5.6892477 | 32.670610 | -117.121560 | 5.85921296 | 32.66717 | -117.122347 | 6.02726852 | 32.66806 | -117.120973 |
| 5.6894213 | 32.670613 | -117.121560 | 5.859375 | 32.66717 | -117.122333 | 6.02744213 | 32.66806 | -117.120973 |
| 5.6895949 | 32.670613 | -117.121560 | 5.85954861 | 32.66717 | -117.122333 | 6.02761574 | 32.66806 | -117.120973 |
| 5.6897685 | 32.670623 | -117.121560 | 5.86008102 | 32.66716 | -117.12232 | 6.02777778 | 32.66806 | -117.120973 |
| 5.6899421 | 32.670630 | -117.121547 | 5.86025463 | 32.66715 | -117.12228 | 6.02795139 | 32.66806 | -117.120973 |
| 5.6901505 | 32.670650 | -117.121533 | 5.86042824 | 32.66716 | -117.12228 | 6.028125 | 32.66806 | -117.120973 |
| 5.6902778 | 32.670663 | -117.121520 | 5.86060185 | 32.66717 | -117.122267 | 6.02829861 | 32.66806 | -117.120973 |
| 5.6904514 | 32.670663 | -117.121520 | 5.86077546 | 32.66716 | -117.122267 | 6.0284838 | 32.66806 | -117.120973 |
| 5.6906250 | 32.670667 | -117.121507 | 5.86094907 | 32.66716 | -117.122253 | 6.02865741 | 32.66806 | -117.121 |
| 5.6907986 | 32.670673 | -117.121480 | 5.86112269 | 32.66716 | -117.122227 | 6.02881944 | 32.66807 | -117.121 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6909838 | 32.670673 | -117.121467 | 5.8612963 | 32.66715 | -117.122227 | 6.02899306 | 32.66806 | -117.121013 |
| 5.6914931 | 32.670690 | -117.121413 | 5.86146991 | 32.66715 | -117.122213 | 6.02987269 | 32.66805 | -117.12108 |
| 5.6916782 | 32.670687 | -117.121413 | 5.86168982 | 32.66715 | -117.1222 | 6.0300463 | 32.66806 | -117.121093 |
| 5.6918519 | 32.670693 | -117.121400 | 5.86181713 | 32.66715 | -117.122187 | 6.03021991 | 32.66806 | -117.121093 |
| 5.6920602 | 32.670687 | -117.121387 | 5.86199074 | 32.66715 | -117.1222 | 6.03039352 | 32.66806 | -117.121093 |
| 5.6921875 | 32.670683 | -117.121387 | 5.86216435 | 32.66714 | -117.122187 | 6.03056713 | 32.66806 | -117.121107 |
| 5.6923611 | 32.670693 | -117.121373 | 5.86233796 | 32.66714 | -117.122173 | 6.03074074 | 32.66807 | -117.121107 |
| 5.6925347 | 32.670693 | -117.121360 | 5.86251157 | 32.66714 | -117.122173 | 6.03092593 | 32.66807 | -117.12112 |
| 5.6927083 | 32.670690 | -117.121360 | 5.86268519 | 32.66715 | -117.122147 | 6.03107639 | 32.66807 | -117.12112 |
| 5.6928819 | 32.670683 | -117.121360 | 5.8628588 | 32.66715 | -117.122133 | 6.03125 | 32.66807 | -117.12112 |
| 5.6930556 | 32.670690 | -117.121333 | 5.86303241 | 32.66715 | -117.122133 | 6.03143519 | 32.66807 | -117.12112 |
| 5.6932292 | 32.670687 | -117.121333 | 5.86320602 | 32.66715 | -117.12212 | 6.0316088 | 32.66807 | -117.12112 |
| 5.6934028 | 32.670710 | -117.121320 | 5.86337963 | 32.66715 | -117.12208 | 6.03178241 | 32.66807 | -117.12112 |
| 5.6935764 | 32.670710 | -117.121307 | 5.86390046 | 32.66716 | -117.122053 | 6.03196759 | 32.66807 | -117.12112 |
| 5.6937500 | 32.670710 | -117.121293 | 5.86407407 | 32.66716 | -117.122027 | 6.03211806 | 32.66807 | -117.121147 |
| 5.6939236 | 32.670710 | -117.121267 | 5.86424769 | 32.66717 | -117.122 | 6.03230324 | 32.66807 | -117.121147 |
| 5.6940972 | 32.670717 | -117.121267 | 5.8644213 | 32.66717 | -117.122 | 6.03247685 | 32.66807 | -117.12116 |
| 5.6942708 | 32.670710 | -117.121267 | 5.86466435 | 32.66717 | -117.121973 | 6.03263889 | 32.66807 | -117.12116 |
| 5.6944560 | 32.670710 | -117.121267 | 5.86476852 | 32.66717 | -117.12196 | 6.0328125 | 32.66806 | -117.121173 |
| 5.6946296 | 32.670703 | -117.121267 | 5.86493056 | 32.66718 | -117.121947 | 6.03299769 | 32.66807 | -117.121187 |
| 5.6948032 | 32.670703 | -117.121253 | 5.86510417 | 32.66719 | -117.121947 | 6.0331713 | 32.66807 | -117.121187 |
| 5.6960185 | 32.670717 | -117.121160 | 5.86527778 | 32.66719 | -117.12192 | 6.03369213 | 32.66808 | -117.121213 |
| 5.6961921 | 32.670717 | -117.121147 | 5.86550926 | 32.66719 | -117.121893 | 6.03385417 | 32.66809 | -117.121253 |
| 5.6963657 | 32.670703 | -117.121120 | 5.86563657 | 32.66719 | -117.12188 | 6.03402778 | 32.66809 | -117.121253 |
| 5.6965394 | 32.670700 | -117.121120 | 5.86581019 | 32.66719 | -117.121853 | 6.03421296 | 32.66809 | -117.121267 |
| 5.6967014 | 32.670707 | -117.121107 | 5.86597222 | 32.66719 | -117.121853 | 6.03438657 | 32.66809 | -117.121267 |
| 5.6968750 | 32.670717 | -117.121093 | 5.86614583 | 32.66719 | -117.121853 | 6.03454861 | 32.66809 | -117.121293 |
| 5.6970486 | 32.670717 | -117.121067 | 5.86631944 | 32.66719 | -117.121827 | 6.03472222 | 32.66809 | -117.121293 |
| 5.6972338 | 32.670700 | -117.121067 | 5.86658565 | 32.66719 | -117.121813 | 6.03489583 | 32.66809 | -117.12132 |
| 5.6974074 | 32.670693 | -117.121067 | 5.86666667 | 32.66719 | -117.1218 | 6.03508102 | 32.6681 | -117.121333 |
| 5.6975810 | 32.670703 | -117.121040 | 5.86685185 | 32.66719 | -117.1218 | 6.03525463 | 32.66811 | -117.121333 |
| 5.6977546 | 32.670693 | -117.121027 | 5.86702546 | 32.6672 | -117.121773 | 6.03541667 | 32.66811 | -117.121333 |
| 5.6979167 | 32.670693 | -117.121013 | 5.86719907 | 32.6672 | -117.12176 | 6.03559028 | 32.66811 | -117.121333 |
| 5.6980903 | 32.670693 | -117.121000 | 5.86770833 | 32.66719 | -117.121707 | 6.03576389 | 32.66811 | -117.121333 |
| 5.6982639 | 32.670700 | -117.120973 | 5.86792824 | 32.66719 | -117.12168 | 6.03594907 | 32.66812 | -117.12136 |
| 5.6984491 | 32.670700 | -117.120973 | 5.86806713 | 32.66719 | -117.121667 | 6.03612269 | 32.66812 | -117.12136 |
| 5.6986227 | 32.670693 | -117.120973 | 5.86824074 | 32.66719 | -117.121653 | 6.0362963 | 32.66813 | -117.12136 |
| 5.6987963 | 32.670693 | -117.120947 | 5.86841435 | 32.6672 | -117.121627 | 6.03646991 | 32.66813 | -117.121373 |
| 5.6989583 | 32.670693 | -117.120933 | 5.86858796 | 32.6672 | -117.1216 | 6.03664352 | 32.66813 | -117.1214 |
| 5.6991319 | 32.670687 | -117.120920 | 5.86875 | 32.6672 | -117.121587 | 6.03681713 | 32.66813 | -117.121413 |
| 5.6993056 | 32.670687 | -117.120920 | 5.86892361 | 32.6672 | -117.12156 | 6.03699074 | 32.66813 | -117.121413 |
| 5.7010995 | 32.670707 | -117.120773 | 5.86909722 | 32.6672 | -117.121533 | 6.03768519 | 32.66813 | -117.121413 |
| 5.7012269 | 32.670717 | -117.120747 | 5.86927083 | 32.6672 | -117.12152 | 6.0378588 | 32.66813 | -117.121413 |
| 5.7014005 | 32.670710 | -117.120733 | 5.86945602 | 32.6672 | -117.12148 | 6.03803241 | 32.66813 | -117.121413 |
| 5.7015741 | 32.670717 | -117.120733 | 5.86962963 | 32.6672 | -117.121467 | 6.03820602 | 32.66813 | -117.12144 |
| 5.7017477 | 32.670707 | -117.120733 | 5.86979167 | 32.6672 | -117.121453 | 6.03837963 | 32.66813 | -117.121453 |
| 5.7019213 | 32.670703 | -117.120720 | 5.86997685 | 32.6672 | -117.12144 | 6.03855324 | 32.66814 | -117.121467 |
| 5.7020949 | 32.670717 | -117.120707 | 5.87015046 | 32.6672 | -117.121413 | 6.03872685 | 32.66814 | -117.12148 |
| 5.7022685 | 32.670717 | -117.120693 | 5.87032407 | 32.66721 | -117.1214 | 6.03890046 | 32.66815 | -117.121507 |
| 5.7024421 | 32.670720 | -117.120693 | 5.87049769 | 32.66721 | -117.121387 | 6.03907407 | 32.66815 | -117.12152 |
| 5.7026157 | 32.670723 | -117.120653 | 5.8706713 | 32.66721 | -117.12136 | 6.03924769 | 32.66816 | -117.121533 |
| 5.7027894 | 32.670723 | -117.120640 | 5.87090278 | 32.66721 | -117.121333 | 6.0394213 | 32.66817 | -117.121533 |
| 5.7029514 | 32.670727 | -117.120600 | 5.87106482 | 32.66721 | -117.12132 | 6.03959491 | 32.66818 | -117.121533 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7031250 | 32.670717 | -117.120600 | 5.87152778 | 32.66722 | -117.121267 | 6.03976852 | 32.6682 | -117.121547 |
| 5.7033102 | 32.670717 | -117.120600 | 5.87175926 | 32.66722 | -117.121253 | 6.03994213 | 32.66821 | -117.121547 |
| 5.7034838 | 32.67069 | -117.120587 | 5.87188657 | 32.66722 | -117.121227 | 6.04011574 | 32.66822 | -117.12156 |
| 5.70365741 | 32.67068 | -117.120587 | 5.87206019 | 32.66722 | -117.121213 | 6.04028935 | 32.66821 | -117.121587 |
| 5.70381944 | 32.67067 | -117.120587 | 5.87222222 | 32.66722 | -117.121213 | 6.04046296 | 32.66821 | -117.121587 |
| 5.70399306 | 32.67065 | -117.120587 | 5.87239583 | 32.66722 | -117.121187 | 6.040625 | 32.66821 | -117.121587 |
| 5.70416667 | 32.67063 | -117.120587 | 5.87260417 | 32.66722 | -117.121147 | 6.04079861 | 32.66821 | -117.121587 |
| 5.70435185 | 32.67063 | -117.1206 | 5.87275463 | 32.66722 | -117.12112 | 6.04097222 | 32.6682 | -117.1216 |
| 5.70608796 | 32.67068 | -117.120773 | 5.87292824 | 32.66722 | -117.12112 | 6.04150463 | 32.66823 | -117.121613 |
| 5.70626157 | 32.67067 | -117.120773 | 5.87310185 | 32.66722 | -117.121093 | 6.04167824 | 32.66823 | -117.121627 |
| 5.70643519 | 32.67069 | -117.120787 | 5.87327546 | 32.66722 | -117.12108 | 6.04185185 | 32.66824 | -117.121653 |
| 5.70659722 | 32.67069 | -117.1208 | 5.87350694 | 32.66722 | -117.121067 | 6.04202546 | 32.66824 | -117.121653 |
| 5.70677083 | 32.6707 | -117.120813 | 5.87362269 | 32.66722 | -117.121067 | 6.04219907 | 32.66823 | -117.121653 |
| 5.70695602 | 32.6707 | -117.12084 | 5.8737963 | 32.66722 | -117.121027 | 6.04237269 | 32.66823 | -117.121653 |
| 5.70712963 | 32.6707 | -117.120853 | 5.87396991 | 32.66722 | -117.121013 | 6.0425463 | 32.66822 | -117.121667 |
| 5.70730324 | 32.6707 | -117.12088 | 5.87414352 | 32.66722 | -117.121013 | 6.04271991 | 32.66822 | -117.121667 |
| 5.70747685 | 32.67069 | -117.120893 | 5.87431713 | 32.66721 | -117.120973 | 6.04289352 | 32.66822 | -117.121667 |
| 5.70765046 | 32.67069 | -117.12092 | 5.87449074 | 32.66721 | -117.120973 | 6.04306713 | 32.66821 | -117.121667 |
| 5.70783565 | 32.67069 | -117.120933 | 5.87466435 | 32.66722 | -117.120947 | 6.04324074 | 32.66821 | -117.12168 |
| 5.70798611 | 32.67069 | -117.120933 | 5.87482639 | 32.66722 | -117.120947 | 6.04340278 | 32.66821 | -117.12168 |
| 5.70815972 | 32.67069 | -117.120947 | 5.87517361 | 32.66722 | -117.12092 | 6.04357639 | 32.66821 | -117.12168 |
| 5.70833333 | 32.67071 | -117.120947 | 5.87534722 | 32.66723 | -117.120893 | 6.04375 | 32.66821 | -117.12168 |
| 5.70851852 | 32.6707 | -117.120947 | 5.87552083 | 32.66723 | -117.120867 | 6.04392361 | 32.66821 | -117.12168 |
| 5.70869213 | 32.67072 | -117.120947 | 5.87572917 | 32.66723 | -117.120853 | 6.04409722 | 32.66822 | -117.121693 |
| 5.70886574 | 32.67072 | -117.120933 | 5.87587963 | 32.66723 | -117.12084 | 6.04427083 | 32.66822 | -117.121693 |
| 5.70902778 | 32.67072 | -117.120933 | 5.87604167 | 32.66723 | -117.120813 | 6.04444444 | 32.66823 | -117.121693 |
| 5.70920139 | 32.67072 | -117.12092 | 5.87621528 | 32.66723 | -117.1208 | 6.04461806 | 32.66825 | -117.121693 |
| 5.70944444 | 32.67072 | -117.12092 | 5.87638889 | 32.66723 | -117.120773 | 6.04479167 | 32.66825 | -117.121693 |
| 5.71006944 | 32.6707 | -117.120867 | 5.8765625 | 32.66723 | -117.120747 | 6.04584491 | 32.66827 | -117.121707 |
| 5.71024306 | 32.6707 | -117.120853 | 5.87674769 | 32.66724 | -117.120733 | 6.04601852 | 32.66827 | -117.121707 |
| 5.71041667 | 32.67069 | -117.120853 | 5.8769213 | 32.66724 | -117.12072 | 6.04619213 | 32.66827 | -117.121747 |
| 5.71059028 | 32.67068 | -117.120853 | 5.87709491 | 32.66724 | -117.120693 | 6.04636574 | 32.66828 | -117.1218 |
| 5.71077546 | 32.67067 | -117.12084 | 5.87728009 | 32.66724 | -117.120667 | 6.04653935 | 32.66828 | -117.1218 |
| 5.71094907 | 32.67067 | -117.12084 | 5.87743056 | 32.66725 | -117.120653 | 6.04671296 | 32.66828 | -117.121813 |
| 5.71111111 | 32.67067 | -117.12084 | 5.87761574 | 32.66725 | -117.1206 | 6.04688657 | 32.66827 | -117.121813 |
| 5.71128472 | 32.67066 | -117.120853 | 5.87778935 | 32.66726 | -117.1206 | 6.04706019 | 32.66827 | -117.121813 |
| 5.71145833 | 32.67065 | -117.120853 | 5.87796296 | 32.66726 | -117.120587 | 6.0472338 | 32.66827 | -117.121827 |
| 5.71164352 | 32.67064 | -117.120853 | 5.878125 | 32.66727 | -117.12056 | 6.04740741 | 32.66827 | -117.121827 |
| 5.71181713 | 32.67063 | -117.120867 | 5.87829861 | 32.66727 | -117.120547 | 6.04758102 | 32.66824 | -117.121853 |
| 5.71199074 | 32.67063 | -117.120867 | 5.87916667 | 32.66729 | -117.120427 | 6.04775463 | 32.66823 | -117.12188 |
| 5.71216435 | 32.6706 | -117.120867 | 5.87934028 | 32.66729 | -117.1204 | 6.04792824 | 32.66823 | -117.12188 |
| 5.71233796 | 32.67059 | -117.12088 | 5.87952546 | 32.6673 | -117.1204 | 6.04810185 | 32.66823 | -117.12188 |
| 5.71251157 | 32.67058 | -117.12088 | 5.87969907 | 32.6673 | -117.120347 | 6.04827546 | 32.66822 | -117.12188 |
| 5.71268519 | 32.67056 | -117.12088 | 5.87987269 | 32.66731 | -117.120333 | 6.04844907 | 32.66822 | -117.12188 |
| 5.71284722 | 32.67055 | -117.120893 | 5.88003472 | 32.66731 | -117.120307 | 6.04862269 | 32.66822 | -117.12188 |
| 5.71302083 | 32.67054 | -117.12092 | 5.88020833 | 32.66731 | -117.12028 | 6.0487963 | 32.66822 | -117.121893 |
| 5.71319444 | 32.67053 | -117.12092 | 5.88038194 | 32.66732 | -117.120267 | 6.04896991 | 32.66822 | -117.121893 |
| 5.71337963 | 32.67052 | -117.120933 | 5.88055556 | 32.66733 | -117.120253 | 6.04914352 | 32.66822 | -117.121907 |
| 5.71440972 | 32.67047 | -117.121 | 5.88074074 | 32.66734 | -117.120213 | 6.04966435 | 32.66822 | -117.12192 |
| 5.71458333 | 32.67045 | -117.121013 | 5.88091435 | 32.66735 | -117.120187 | 6.04983796 | 32.66822 | -117.12192 |
| 5.71489583 | 32.67045 | -117.121067 | 5.88108796 | 32.66736 | -117.12016 | 6.05001157 | 32.66822 | -117.12192 |
| 5.71511574 | 32.67044 | -117.121067 | 5.88126157 | 32.66736 | -117.120133 | 6.05018519 | 32.66822 | -117.12192 |
| 5.71528935 | 32.67043 | -117.12108 | 5.88142361 | 32.66737 | -117.12012 | 6.0503588 | 32.66822 | -117.12192 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71546296 | 32.67042 | -117.121093 | 5.88159722 | 32.66737 | -117.12008 | 6.05053241 | 32.66822 | -117.12192 |
| 5.715625 | 32.67042 | -117.12112 | 5.88177083 | 32.66737 | -117.120067 | 6.05070602 | 32.66822 | -117.12192 |
| 5.71579861 | 32.67041 | -117.12112 | 5.88195602 | 32.66737 | -117.120053 | 6.05087963 | 32.66822 | -117.12192 |
| 5.71597222 | 32.67041 | -117.12112 | 5.88212963 | 32.66738 | -117.120013 | 6.05105324 | 32.66822 | -117.121947 |
| 5.71615741 | 32.67041 | -117.121147 | 5.88230324 | 32.66738 | -117.12 | 6.05122685 | 32.66823 | -117.121947 |
| 5.71637732 | 32.67041 | -117.121173 | 5.88247685 | 32.66739 | -117.119987 | 6.05140046 | 32.66823 | -117.121947 |
| 5.71650463 | 32.6704 | -117.121187 | 5.88351852 | 32.6674 | -117.11984 | 6.05157407 | 32.66823 | -117.121947 |
| 5.71667824 | 32.6704 | -117.121213 | 5.88369213 | 32.6674 | -117.119827 | 6.05174769 | 32.66823 | -117.121947 |
| 5.71689815 | 32.67039 | -117.121213 | 5.88386574 | 32.6674 | -117.119813 | 6.0519213 | 32.66823 | -117.121947 |
| 5.71704861 | 32.6704 | -117.121213 | 5.88402778 | 32.6674 | -117.119813 | 6.05209491 | 32.66823 | -117.121947 |
| 5.71719907 | 32.67039 | -117.12124 | 5.88420139 | 32.6674 | -117.119773 | 6.05226852 | 32.66822 | -117.121947 |
| 5.71736111 | 32.6704 | -117.121253 | 5.88438657 | 32.6674 | -117.119747 | 6.05244213 | 32.66822 | -117.12196 |
| 5.71753472 | 32.6704 | -117.121267 | 5.88456019 | 32.6674 | -117.11972 | 6.05261574 | 32.66822 | -117.12196 |
| 5.71777778 | 32.6704 | -117.121293 | 5.88472222 | 32.66739 | -117.119707 | 6.05278935 | 32.66822 | -117.12196 |
| 5.71788194 | 32.6704 | -117.121307 | 5.88489583 | 32.66738 | -117.11968 | 6.05296296 | 32.66822 | -117.12196 |
| 5.71840278 | 32.67042 | -117.12136 | 5.88511574 | 32.6674 | -117.119667 | 6.05416667 | 32.6682 | -117.122067 |
| 5.71857639 | 32.67042 | -117.121387 | 5.88530093 | 32.6674 | -117.119627 | 6.05434028 | 32.6682 | -117.122067 |
| 5.71881944 | 32.67042 | -117.121413 | 5.88542824 | 32.6674 | -117.119613 | 6.05451389 | 32.6682 | -117.122067 |
| 5.71892361 | 32.67042 | -117.121413 | 5.88560185 | 32.6674 | -117.1196 | 6.0546875 | 32.6682 | -117.122067 |
| 5.71918982 | 32.67043 | -117.121453 | 5.88577546 | 32.66739 | -117.119587 | 6.05486111 | 32.6682 | -117.122067 |
| 5.71927083 | 32.67043 | -117.121453 | 5.88594907 | 32.6674 | -117.11956 | 6.05503472 | 32.6682 | -117.122067 |
| 5.71952546 | 32.67043 | -117.121507 | 5.88611111 | 32.6674 | -117.119533 | 6.05520833 | 32.6682 | -117.122067 |
| 5.71962963 | 32.67043 | -117.121507 | 5.88628472 | 32.6674 | -117.119533 | 6.05538194 | 32.6682 | -117.12208 |
| 5.71980324 | 32.67043 | -117.12152 | 5.88645833 | 32.66741 | -117.11952 | 6.05555556 | 32.6682 | -117.12208 |
| 5.71997685 | 32.67043 | -117.121533 | 5.88663194 | 32.66742 | -117.11952 | 6.05572917 | 32.6682 | -117.12208 |
| 5.72015046 | 32.67043 | -117.121547 | 5.88686343 | 32.66742 | -117.119493 | 6.05590278 | 32.6682 | -117.12208 |
| 5.7203125 | 32.67042 | -117.1216 | 5.88768519 | 32.66746 | -117.119453 | 6.05607639 | 32.6682 | -117.12208 |
| 5.72048611 | 32.67042 | -117.121653 | 5.8878588 | 32.66747 | -117.119453 | 6.05625 | 32.6682 | -117.122107 |
| 5.72071759 | 32.67042 | -117.121667 | 5.88803241 | 32.66748 | -117.119453 | 6.05642361 | 32.6682 | -117.122107 |
| 5.72084491 | 32.67041 | -117.12168 | 5.88820602 | 32.66749 | -117.11944 | 6.05659722 | 32.6682 | -117.122107 |
| 5.72101852 | 32.67041 | -117.121707 | 5.88837963 | 32.6675 | -117.11944 | 6.05677083 | 32.6682 | -117.12212 |
| 5.72119213 | 32.6704 | -117.121733 | 5.88855324 | 32.6675 | -117.11944 | 6.05694444 | 32.6682 | -117.12212 |
| 5.72136574 | 32.67041 | -117.121747 | 5.88872685 | 32.66752 | -117.11944 | 6.05711806 | 32.6682 | -117.12212 |
| 5.72152778 | 32.67041 | -117.1218 | 5.88890046 | 32.66752 | -117.119453 | 6.05729167 | 32.66819 | -117.122133 |
| 5.72170139 | 32.67042 | -117.1218 | 5.88907407 | 32.66752 | -117.119467 | 6.05746528 | 32.66819 | -117.122147 |
| 5.7222338 | 32.67041 | -117.121853 | 5.88923611 | 32.66753 | -117.119467 | 6.05782407 | 32.66819 | -117.122187 |
| 5.72240741 | 32.67042 | -117.121853 | 5.88940972 | 32.66753 | -117.11948 | 6.05799769 | 32.66819 | -117.1222 |
| 5.72258102 | 32.67042 | -117.121893 | 5.88959491 | 32.66753 | -117.11948 | 6.0581713 | 32.66819 | -117.122213 |
| 5.72275463 | 32.67041 | -117.12192 | 5.88975694 | 32.66755 | -117.11948 | 6.05834491 | 32.66819 | -117.122227 |
| 5.72292824 | 32.67042 | -117.121947 | 5.88993056 | 32.66755 | -117.119467 | 6.05851852 | 32.6682 | -117.122253 |
| 5.72313657 | 32.67041 | -117.12196 | 5.89010417 | 32.66755 | -117.11948 | 6.05869213 | 32.6682 | -117.122267 |
| 5.72326389 | 32.67042 | -117.121987 | 5.89033565 | 32.66757 | -117.11948 | 6.05886574 | 32.6682 | -117.12228 |
| 5.7234375 | 32.67043 | -117.121987 | 5.89046296 | 32.66756 | -117.119467 | 6.05903935 | 32.6682 | -117.122293 |
| 5.72361111 | 32.67043 | -117.122 | 5.89063657 | 32.66758 | -117.119467 | 6.05921296 | 32.6682 | -117.12232 |
| 5.7237963 | 32.67044 | -117.122 | 5.89081019 | 32.66759 | -117.119467 | 6.05938657 | 32.6682 | -117.12232 |
| 5.72396991 | 32.67044 | -117.12204 | 5.8909838 | 32.66758 | -117.119467 | 6.05956019 | 32.6682 | -117.122333 |
| 5.72413194 | 32.67044 | -117.122053 | 5.89133102 | 32.6676 | -117.119453 | 6.0597338 | 32.6682 | -117.122347 |
| 5.72430556 | 32.67044 | -117.12208 | 5.89149306 | 32.66761 | -117.119453 | 6.05990741 | 32.66821 | -117.12236 |
| 5.72447917 | 32.67043 | -117.12208 | 5.89166667 | 32.66762 | -117.119467 | 6.06008102 | 32.66822 | -117.122373 |
| 5.72465278 | 32.67043 | -117.12212 | 5.89184028 | 32.66764 | -117.11948 | 6.06025463 | 32.66823 | -117.1224 |
| 5.72483796 | 32.67043 | -117.12212 | 5.89207176 | 32.66764 | -117.119453 | 6.06042824 | 32.66823 | -117.1224 |
| 5.72501157 | 32.67043 | -117.122133 | 5.89219907 | 32.66764 | -117.11948 | 6.06060185 | 32.66823 | -117.122427 |
| 5.72518519 | 32.67043 | -117.122147 | 5.89237269 | 32.66765 | -117.11948 | 6.06077546 | 32.66824 | -117.122467 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7253588 | 32.67043 | -117.122173 | 5.8925463 | 32.66764 | -117.119493 | 6.06094907 | 32.66824 | -117.122467 |
| 5.72553241 | 32.67044 | -117.1222 | 5.89271991 | 32.66768 | -117.119493 | 6.06112269 | 32.66824 | -117.122467 |
| 5.7265625 | 32.67046 | -117.122333 | 5.89289352 | 32.66768 | -117.119493 | 6.06388889 | 32.66824 | -117.122653 |
| 5.72673611 | 32.67047 | -117.122347 | 5.89306713 | 32.66769 | -117.11952 | 6.0640625 | 32.66825 | -117.122667 |
| 5.7269213 | 32.67046 | -117.12236 | 5.89324074 | 32.66771 | -117.119493 | 6.06423611 | 32.66825 | -117.122667 |
| 5.72709491 | 32.67046 | -117.122373 | 5.89341435 | 32.66772 | -117.11948 | 6.06440972 | 32.66825 | -117.122667 |
| 5.72729167 | 32.67046 | -117.1224 | 5.89357639 | 32.66772 | -117.119493 | 6.06458333 | 32.66825 | -117.122693 |
| 5.72744213 | 32.67045 | -117.122413 | 5.89375 | 32.66773 | -117.119493 | 6.06475694 | 32.66825 | -117.122707 |
| 5.72760417 | 32.67046 | -117.12244 | 5.89393519 | 32.66775 | -117.11948 | 6.06493056 | 32.66825 | -117.122707 |
| 5.7278125 | 32.67046 | -117.122467 | 5.8941088 | 32.66777 | -117.11948 | 6.06510417 | 32.66825 | -117.122707 |
| 5.72796296 | 32.67045 | -117.12248 | 5.89427083 | 32.66778 | -117.119493 | 6.06527778 | 32.66825 | -117.12272 |
| 5.72813657 | 32.67046 | -117.122507 | 5.89444444 | 32.6678 | -117.11952 | 6.06545139 | 32.66825 | -117.12272 |
| 5.72829861 | 32.67045 | -117.12252 | | | | | | |

DrEx 108

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5813426 | 32.674150 | -117.115920 | 5.74513889 | 32.67042 | -117.12424 | 5.91303241 | 32.67277 | -117.11696 |
| 5.5814352 | 32.674170 | -117.115907 | 5.7453125 | 32.67041 | -117.124253 | 5.91320602 | 32.67277 | -117.116947 |
| 5.5816088 | 32.674147 | -117.115920 | 5.74548611 | 32.67038 | -117.124253 | 5.91337963 | 32.67277 | -117.116933 |
| 5.5817824 | 32.674130 | -117.115920 | 5.74565972 | 32.67038 | -117.124267 | 5.91355324 | 32.67278 | -117.116933 |
| 5.5819444 | 32.674110 | -117.115933 | 5.74583333 | 32.67036 | -117.124267 | 5.91372685 | 32.67277 | -117.116933 |
| 5.5821181 | 32.674090 | -117.115947 | 5.74600694 | 32.67035 | -117.12428 | 5.91388889 | 32.67277 | -117.116933 |
| 5.5823032 | 32.674067 | -117.115947 | 5.74618056 | 32.67035 | -117.124307 | 5.9140625 | 32.67276 | -117.116933 |
| 5.5824769 | 32.674057 | -117.115947 | 5.74635417 | 32.67034 | -117.124307 | 5.91423611 | 32.67276 | -117.116947 |
| 5.5826505 | 32.674030 | -117.115973 | 5.74652778 | 32.67034 | -117.124307 | 5.91445602 | 32.67275 | -117.116947 |
| 5.5828125 | 32.674010 | -117.115973 | 5.74670139 | 32.67034 | -117.124307 | 5.91459491 | 32.67275 | -117.116933 |
| 5.5829861 | 32.673987 | -117.115987 | 5.746875 | 32.67034 | -117.124307 | 5.91476852 | 32.67276 | -117.116933 |
| 5.5831597 | 32.673967 | -117.116000 | 5.74704861 | 32.67034 | -117.124307 | 5.91493056 | 32.67276 | -117.116933 |
| 5.5833449 | 32.673943 | -117.116000 | 5.74722222 | 32.67033 | -117.124307 | 5.91510417 | 32.67276 | -117.116933 |
| 5.5835185 | 32.673927 | -117.116013 | 5.74739583 | 32.67034 | -117.124307 | 5.91527778 | 32.67276 | -117.116933 |
| 5.5836921 | 32.673907 | -117.116013 | 5.74756944 | 32.67034 | -117.124307 | 5.91546296 | 32.67277 | -117.116933 |
| 5.5838657 | 32.673887 | -117.116027 | 5.74774306 | 32.67032 | -117.124307 | 5.9159838 | 32.67278 | -117.116933 |
| 5.5840394 | 32.673870 | -117.116053 | 5.74878472 | 32.67028 | -117.124307 | 5.91615741 | 32.67278 | -117.116933 |
| 5.5842014 | 32.673850 | -117.116053 | 5.74895833 | 32.67028 | -117.124307 | 5.91633102 | 32.67278 | -117.116933 |
| 5.5843750 | 32.673827 | -117.116067 | 5.74913194 | 32.67027 | -117.124307 | 5.91649306 | 32.67278 | -117.116933 |
| 5.5845486 | 32.673813 | -117.116080 | 5.74930556 | 32.67026 | -117.124307 | 5.91666667 | 32.67278 | -117.116907 |
| 5.5851273 | 32.673753 | -117.116093 | 5.74947917 | 32.67025 | -117.12428 | 5.91684028 | 32.67279 | -117.116893 |
| 5.5852546 | 32.673740 | -117.116107 | 5.74965278 | 32.67025 | -117.12428 | 5.91701389 | 32.67279 | -117.116893 |
| 5.5854282 | 32.673723 | -117.116107 | 5.74982639 | 32.67025 | -117.12428 | 5.9171875 | 32.67279 | -117.116893 |
| 5.5855903 | 32.673707 | -117.116107 | 5.75 | 32.67025 | -117.12428 | 5.91737269 | 32.67279 | -117.11688 |
| 5.5857639 | 32.673690 | -117.116133 | 5.75017361 | 32.67024 | -117.124267 | 5.9175463 | 32.6728 | -117.11688 |
| 5.5859375 | 32.673677 | -117.116133 | 5.75034722 | 32.67024 | -117.124267 | 5.91771991 | 32.6728 | -117.11688 |
| 5.5861227 | 32.673660 | -117.116133 | 5.75052083 | 32.67024 | -117.124253 | 5.91789352 | 32.6728 | -117.11688 |
| 5.5862963 | 32.673647 | -117.116147 | 5.75069444 | 32.67024 | -117.12424 | 5.91806713 | 32.67281 | -117.116867 |
| 5.5864583 | 32.673630 | -117.116147 | 5.75086806 | 32.67022 | -117.124213 | 5.91824074 | 32.67281 | -117.116867 |
| 5.5866319 | 32.673617 | -117.116160 | 5.75104167 | 32.67022 | -117.124213 | 5.91841435 | 32.67281 | -117.116867 |
| 5.5868056 | 32.673600 | -117.116173 | 5.75121528 | 32.67023 | -117.1242 | 5.91858796 | 32.67281 | -117.116867 |
| 5.5869907 | 32.673580 | -117.116200 | 5.75138889 | 32.67021 | -117.124173 | 5.91876157 | 32.67281 | -117.116867 |
| 5.5871644 | 32.673567 | -117.116200 | 5.7515625 | 32.67021 | -117.12416 | 5.91893519 | 32.6728 | -117.116867 |
| 5.5873380 | 32.673550 | -117.116200 | 5.75173611 | 32.6702 | -117.124133 | 5.9191088 | 32.6728 | -117.116867 |
| 5.5875000 | 32.673537 | -117.116213 | 5.75190972 | 32.67019 | -117.12412 | 5.91928241 | 32.6728 | -117.116867 |
| 5.5876736 | 32.673513 | -117.116227 | 5.75208333 | 32.67017 | -117.12412 | 5.91979167 | 32.6728 | -117.116867 |
| 5.5878588 | 32.673500 | -117.116253 | 5.753125 | 32.67014 | -117.124053 | 5.91996528 | 32.6728 | -117.116867 |
| 5.5880324 | 32.673487 | -117.116253 | 5.75329861 | 32.67014 | -117.124027 | 5.92013889 | 32.67281 | -117.11684 |
| 5.5882060 | 32.673470 | -117.116280 | 5.75347222 | 32.67013 | -117.124013 | 5.9203125 | 32.67281 | -117.11684 |
| 5.5883681 | 32.673457 | -117.116293 | 5.75364583 | 32.67013 | -117.124013 | 5.92048611 | 32.67281 | -117.11684 |
| 5.5894097 | 32.673367 | -117.116400 | 5.75381944 | 32.67013 | -117.124013 | 5.92065972 | 32.67281 | -117.11684 |
| 5.5895833 | 32.673347 | -117.116400 | 5.75399306 | 32.67012 | -117.123987 | 5.92083333 | 32.67281 | -117.11684 |
| 5.5897569 | 32.673333 | -117.116427 | 5.75416667 | 32.67012 | -117.123973 | 5.92100694 | 32.67281 | -117.11684 |
| 5.5899421 | 32.673317 | -117.116453 | 5.75434028 | 32.67011 | -117.123947 | 5.92118056 | 32.6728 | -117.116827 |
| 5.5901157 | 32.673303 | -117.116453 | 5.75452546 | 32.6701 | -117.123947 | 5.92135417 | 32.67279 | -117.116827 |
| 5.5902894 | 32.673287 | -117.116467 | 5.75469907 | 32.6701 | -117.12392 | 5.92152778 | 32.67279 | -117.116813 |
| 5.5904630 | 32.673273 | -117.116493 | 5.75487269 | 32.6701 | -117.12392 | 5.92170139 | 32.6728 | -117.116827 |
| 5.5906250 | 32.673260 | -117.116493 | 5.7550463 | 32.6701 | -117.12388 | 5.92188657 | 32.6728 | -117.116813 |
| 5.5907986 | 32.673243 | -117.116520 | 5.75521991 | 32.6701 | -117.123867 | 5.92206019 | 32.6728 | -117.116813 |
| 5.5909722 | 32.673230 | -117.116533 | 5.75539352 | 32.67009 | -117.123867 | 5.9222338 | 32.67279 | -117.116813 |
| 5.5911458 | 32.673217 | -117.116547 | 5.75556713 | 32.67008 | -117.12384 | 5.92240741 | 32.67279 | -117.116813 |
| 5.5913310 | 32.673200 | -117.116547 | 5.75574074 | 32.67009 | -117.123813 | 5.92256944 | 32.67279 | -117.116813 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5915046 | 32.673187 | -117.116587 | 5.75591435 | 32.67009 | -117.1238 | 5.92274306 | 32.67279 | -117.116813 |
| 5.5916782 | 32.673173 | -117.116587 | 5.75608796 | 32.67008 | -117.1238 | 5.92291667 | 32.67279 | -117.116813 |
| 5.5918403 | 32.673157 | -117.116600 | 5.75626157 | 32.67008 | -117.123773 | 5.92309028 | 32.67279 | -117.116813 |
| 5.5920139 | 32.673143 | -117.116613 | 5.75643519 | 32.67007 | -117.12376 | 5.92361111 | 32.67279 | -117.1168 |
| 5.5921991 | 32.673127 | -117.116640 | 5.75694444 | 32.67005 | -117.123733 | 5.92378472 | 32.67278 | -117.1168 |
| 5.5923727 | 32.673113 | -117.116653 | 5.75711806 | 32.67005 | -117.12372 | 5.92395833 | 32.67278 | -117.116787 |
| 5.5925463 | 32.673103 | -117.116667 | 5.75729167 | 32.67004 | -117.12372 | 5.92414352 | 32.67278 | -117.116787 |
| 5.5927199 | 32.673090 | -117.116667 | 5.75747685 | 32.67004 | -117.12372 | 5.92431713 | 32.67279 | -117.11676 |
| 5.5932292 | 32.673050 | -117.116720 | 5.75765046 | 32.67004 | -117.123693 | 5.92449074 | 32.67279 | -117.116747 |
| 5.5934028 | 32.673033 | -117.116733 | 5.75782407 | 32.67003 | -117.12368 | 5.92466435 | 32.67278 | -117.116747 |
| 5.5935764 | 32.673023 | -117.116747 | 5.75799769 | 32.67003 | -117.12368 | 5.92483796 | 32.67278 | -117.116747 |
| 5.5937616 | 32.673010 | -117.116760 | 5.7581713 | 32.67001 | -117.123667 | 5.92501157 | 32.67279 | -117.116733 |
| 5.5939352 | 32.672997 | -117.116787 | 5.75834491 | 32.67 | -117.123653 | 5.92518519 | 32.67279 | -117.116733 |
| 5.5941088 | 32.672987 | -117.116787 | 5.75851852 | 32.67 | -117.123627 | 5.9253588 | 32.67279 | -117.11672 |
| 5.5942824 | 32.672973 | -117.116800 | 5.75868056 | 32.67 | -117.123627 | 5.92553241 | 32.67279 | -117.11672 |
| 5.5944444 | 32.672960 | -117.116813 | 5.75885417 | 32.67 | -117.123627 | 5.92570602 | 32.67279 | -117.11672 |
| 5.5946181 | 32.672950 | -117.116827 | 5.75902778 | 32.67 | -117.123627 | 5.92587963 | 32.67279 | -117.116693 |
| 5.5948032 | 32.672940 | -117.116840 | 5.75920139 | 32.66999 | -117.123627 | 5.92605324 | 32.6728 | -117.11668 |
| 5.5949769 | 32.672930 | -117.116867 | 5.759375 | 32.66999 | -117.123613 | 5.92622685 | 32.6728 | -117.11668 |
| 5.5951505 | 32.672920 | -117.116867 | 5.75954861 | 32.66998 | -117.1236 | 5.92640046 | 32.6728 | -117.11668 |
| 5.5953241 | 32.672910 | -117.116880 | 5.75972222 | 32.66999 | -117.1236 | 5.92657407 | 32.67281 | -117.116667 |
| 5.5954861 | 32.672897 | -117.116893 | 5.75989583 | 32.66999 | -117.123587 | 5.92673611 | 32.67281 | -117.116667 |
| 5.5956597 | 32.672887 | -117.116907 | 5.76006944 | 32.66999 | -117.123573 | 5.92690972 | 32.67282 | -117.116667 |
| 5.5958333 | 32.672877 | -117.116933 | 5.76024306 | 32.66999 | -117.123573 | 5.92743056 | 32.67279 | -117.116667 |
| 5.5960185 | 32.672873 | -117.116933 | 5.76077546 | 32.67001 | -117.123533 | 5.92761574 | 32.67279 | -117.116667 |
| 5.5961921 | 32.672863 | -117.116947 | 5.76094907 | 32.67002 | -117.123533 | 5.92778935 | 32.67279 | -117.116667 |
| 5.5963657 | 32.672857 | -117.116947 | 5.76112269 | 32.67002 | -117.12352 | 5.92796296 | 32.67279 | -117.116667 |
| 5.5965394 | 32.672847 | -117.116960 | 5.7612963 | 32.67002 | -117.123507 | 5.928125 | 32.67279 | -117.116667 |
| 5.5970486 | 32.672813 | -117.116987 | 5.76146991 | 32.67002 | -117.12348 | 5.92829861 | 32.67279 | -117.116667 |
| 5.5972222 | 32.672810 | -117.117013 | 5.76164352 | 32.67003 | -117.12348 | 5.92847222 | 32.67279 | -117.116667 |
| 5.5973958 | 32.672803 | -117.117027 | 5.76181713 | 32.67001 | -117.123467 | 5.92864583 | 32.67279 | -117.116667 |
| 5.5975810 | 32.672800 | -117.117040 | 5.76199074 | 32.67002 | -117.123467 | 5.92881944 | 32.67279 | -117.116667 |
| 5.5977546 | 32.672790 | -117.117053 | 5.76216435 | 32.67001 | -117.123467 | 5.92899306 | 32.67279 | -117.116667 |
| 5.5979282 | 32.672777 | -117.117080 | 5.76233796 | 32.67001 | -117.123453 | 5.92916667 | 32.67279 | -117.116653 |
| 5.5981019 | 32.672773 | -117.117080 | 5.76251157 | 32.67001 | -117.12344 | 5.92934028 | 32.67279 | -117.116653 |
| 5.5982639 | 32.672767 | -117.117080 | 5.76268519 | 32.67001 | -117.123427 | 5.92952546 | 32.67279 | -117.116653 |
| 5.5984375 | 32.672757 | -117.117093 | 5.7628588 | 32.67001 | -117.123427 | 5.92969907 | 32.67279 | -117.116653 |
| 5.5986111 | 32.672750 | -117.117107 | 5.76303241 | 32.67 | -117.1234 | 5.92987269 | 32.67279 | -117.116653 |
| 5.5988310 | 32.672743 | -117.117120 | 5.76320602 | 32.67 | -117.123387 | 5.9300463 | 32.67279 | -117.116653 |
| 5.5989699 | 32.672733 | -117.117133 | 5.76337963 | 32.67001 | -117.123387 | 5.93021991 | 32.67279 | -117.116653 |
| 5.5991435 | 32.672720 | -117.117133 | 5.76355324 | 32.67001 | -117.123373 | 5.93039352 | 32.67279 | -117.116653 |
| 5.5993171 | 32.672717 | -117.117133 | 5.76372685 | 32.67001 | -117.123333 | 5.93055556 | 32.67279 | -117.116653 |
| 5.5994907 | 32.672710 | -117.117173 | 5.76390046 | 32.67001 | -117.123333 | 5.93072917 | 32.67278 | -117.116653 |
| 5.5996528 | 32.672700 | -117.117187 | 5.76407407 | 32.67001 | -117.123333 | 5.93178241 | 32.67278 | -117.116587 |
| 5.5998264 | 32.672697 | -117.117200 | 5.76458333 | 32.67001 | -117.12332 | 5.93195602 | 32.67278 | -117.116587 |
| 5.6000000 | 32.672690 | -117.117227 | 5.76475694 | 32.67001 | -117.12332 | 5.93212963 | 32.67278 | -117.116573 |
| 5.6001852 | 32.672683 | -117.117227 | 5.76493056 | 32.67001 | -117.12332 | 5.93229167 | 32.67277 | -117.116573 |
| 5.6006944 | 32.672670 | -117.117267 | 5.76510417 | 32.67001 | -117.12332 | 5.93246528 | 32.67277 | -117.116573 |
| 5.6008681 | 32.672663 | -117.117267 | 5.76527778 | 32.67001 | -117.123307 | 5.93263889 | 32.67277 | -117.116573 |
| 5.6010532 | 32.672653 | -117.117280 | 5.76545139 | 32.67001 | -117.123293 | 5.9328125 | 32.67277 | -117.116573 |
| 5.6012269 | 32.672647 | -117.117307 | 5.76563657 | 32.67001 | -117.12328 | 5.93299769 | 32.67277 | -117.116573 |
| 5.6014005 | 32.672640 | -117.117320 | 5.76581019 | 32.67003 | -117.123253 | 5.9331713 | 32.67277 | -117.116573 |
| 5.6015625 | 32.672633 | -117.117320 | 5.7659838 | 32.67003 | -117.123227 | 5.93334491 | 32.67277 | -117.116573 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6017361 | 32.672627 | -117.117333 | 5.76615741 | 32.67004 | -117.123213 | 5.93351852 | 32.67277 | -117.116573 |
| 5.6019097 | 32.672623 | -117.117347 | 5.76633102 | 32.67004 | -117.1232 | 5.93369213 | 32.67276 | -117.116573 |
| 5.6020949 | 32.672620 | -117.117347 | 5.76650463 | 32.67004 | -117.12316 | 5.93386574 | 32.67276 | -117.116573 |
| 5.6022685 | 32.672620 | -117.117360 | 5.76667824 | 32.67003 | -117.12316 | 5.93403935 | 32.67276 | -117.116573 |
| 5.6024421 | 32.672617 | -117.117387 | 5.76685185 | 32.67004 | -117.123147 | 5.93421296 | 32.67276 | -117.116573 |
| 5.6026157 | 32.672610 | -117.117400 | 5.76702546 | 32.67004 | -117.123147 | 5.934375 | 32.67276 | -117.116573 |
| 5.6027778 | 32.672603 | -117.117413 | 5.76719907 | 32.67003 | -117.123147 | 5.93454861 | 32.67276 | -117.116573 |
| 5.6029514 | 32.672597 | -117.117427 | 5.76737269 | 32.67003 | -117.123147 | 5.93472222 | 32.67276 | -117.116573 |
| 5.6031250 | 32.672590 | -117.117453 | 5.76753472 | 32.67003 | -117.123147 | 5.93489583 | 32.67276 | -117.116573 |
| 5.6033102 | 32.672583 | -117.117453 | 5.76770833 | 32.67003 | -117.123147 | 5.93506944 | 32.67276 | -117.116573 |
| 5.6034838 | 32.672580 | -117.117467 | 5.76788194 | 32.67005 | -117.123133 | 5.93559028 | 32.67275 | -117.116573 |
| 5.6036574 | 32.672573 | -117.117480 | 5.76841435 | 32.67004 | -117.123093 | 5.93577546 | 32.67275 | -117.116573 |
| 5.6038194 | 32.672567 | -117.117493 | 5.76858796 | 32.67005 | -117.12308 | 5.93594907 | 32.67275 | -117.116573 |
| 5.6039931 | 32.672563 | -117.117507 | 5.76876157 | 32.67006 | -117.123067 | 5.93612269 | 32.67275 | -117.116573 |
| 5.6050463 | 32.672537 | -117.117600 | 5.76893519 | 32.67007 | -117.123053 | 5.9362963 | 32.67275 | -117.116573 |
| 5.6052199 | 32.672537 | -117.117613 | 5.7691088 | 32.67007 | -117.123027 | 5.93646991 | 32.67275 | -117.116573 |
| 5.6053935 | 32.672530 | -117.117627 | 5.76928241 | 32.67007 | -117.123013 | 5.93664352 | 32.67275 | -117.116573 |
| 5.6055556 | 32.672527 | -117.117640 | 5.76945602 | 32.67006 | -117.123 | 5.93680556 | 32.67275 | -117.116573 |
| 5.6057292 | 32.672523 | -117.117653 | 5.76962963 | 32.67007 | -117.122987 | 5.93697917 | 32.67273 | -117.116547 |
| 5.6059144 | 32.672523 | -117.117653 | 5.76980324 | 32.67006 | -117.12296 | 5.93715278 | 32.67271 | -117.116547 |
| 5.6060880 | 32.672517 | -117.117680 | 5.76997685 | 32.67006 | -117.122947 | 5.93732639 | 32.67266 | -117.116547 |
| 5.6062616 | 32.672513 | -117.117693 | 5.77013889 | 32.67007 | -117.122947 | 5.9375 | 32.67268 | -117.116547 |
| 5.6064352 | 32.672510 | -117.117707 | 5.7703125 | 32.67006 | -117.122933 | 5.93767361 | 32.67268 | -117.116547 |
| 5.6066088 | 32.672510 | -117.117720 | 5.77048611 | 32.67005 | -117.12292 | 5.9378588 | 32.67268 | -117.116547 |
| 5.6067708 | 32.672507 | -117.117747 | 5.77065972 | 32.67005 | -117.122907 | 5.93803241 | 32.67268 | -117.116547 |
| 5.6069444 | 32.672507 | -117.117747 | 5.77083333 | 32.67003 | -117.12288 | 5.93820602 | 32.67267 | -117.116547 |
| 5.6071181 | 32.672500 | -117.117760 | 5.77100694 | 32.67003 | -117.122867 | 5.93837963 | 32.67267 | -117.116547 |
| 5.6073032 | 32.672500 | -117.117787 | 5.77118056 | 32.67002 | -117.12288 | 5.93855324 | 32.67267 | -117.116547 |
| 5.6074769 | 32.672497 | -117.117787 | 5.77135417 | 32.67001 | -117.122867 | 5.93872685 | 32.67267 | -117.116547 |
| 5.6076505 | 32.672493 | -117.117800 | 5.77153935 | 32.67002 | -117.122853 | 5.93890046 | 32.67267 | -117.116547 |
| 5.6078125 | 32.672490 | -117.117800 | 5.77171296 | 32.67001 | -117.12284 | 5.93994213 | 32.67266 | -117.116547 |
| 5.6079861 | 32.672487 | -117.117827 | 5.77258102 | 32.67002 | -117.122787 | 5.94011574 | 32.67266 | -117.116547 |
| 5.6081597 | 32.672487 | -117.117853 | 5.77275463 | 32.67001 | -117.122773 | 5.94028935 | 32.67266 | -117.116547 |
| 5.6083449 | 32.672477 | -117.117867 | 5.77292824 | 32.67001 | -117.12276 | 5.94046296 | 32.67266 | -117.116547 |
| 5.6088657 | 32.672467 | -117.117893 | 5.77310185 | 32.67001 | -117.12276 | 5.940625 | 32.67266 | -117.116547 |
| 5.6090394 | 32.672457 | -117.117920 | 5.77327546 | 32.67 | -117.122733 | 5.94079861 | 32.67266 | -117.116547 |
| 5.6092130 | 32.672457 | -117.117933 | 5.77344907 | 32.67 | -117.122733 | 5.94097222 | 32.67266 | -117.116547 |
| 5.6093750 | 32.672453 | -117.117933 | 5.77362269 | 32.67 | -117.122707 | 5.94114583 | 32.67266 | -117.116547 |
| 5.6095486 | 32.672450 | -117.117947 | 5.7737963 | 32.67 | -117.122693 | 5.94133102 | 32.67266 | -117.116547 |
| 5.6097338 | 32.672443 | -117.117947 | 5.77396991 | 32.67 | -117.122667 | 5.94150463 | 32.67266 | -117.116547 |
| 5.6099074 | 32.672443 | -117.117973 | 5.77414352 | 32.67 | -117.122667 | 5.94167824 | 32.67265 | -117.116547 |
| 5.6100810 | 32.672440 | -117.117987 | 5.77431713 | 32.67 | -117.122653 | 5.94185185 | 32.67265 | -117.116547 |
| 5.6102431 | 32.672437 | -117.118000 | 5.77449074 | 32.67 | -117.122653 | 5.94201389 | 32.67265 | -117.116547 |
| 5.6104167 | 32.672433 | -117.118013 | 5.77465278 | 32.67 | -117.122627 | 5.9421875 | 32.67265 | -117.116573 |
| 5.6105903 | 32.672430 | -117.118040 | 5.77482639 | 32.67 | -117.122613 | 5.94236111 | 32.67265 | -117.116573 |
| 5.6107755 | 32.672430 | -117.118053 | 5.775 | 32.66999 | -117.122613 | 5.94253472 | 32.67265 | -117.116573 |
| 5.6109491 | 32.672423 | -117.118053 | 5.77518519 | 32.66998 | -117.122613 | 5.94270833 | 32.67265 | -117.116573 |
| 5.6111227 | 32.672420 | -117.118067 | 5.7753588 | 32.66996 | -117.122613 | 5.94288194 | 32.67265 | -117.116573 |
| 5.6112847 | 32.672417 | -117.118080 | 5.77553241 | 32.66996 | -117.122613 | 5.94305556 | 32.67265 | -117.116573 |
| 5.6114583 | 32.672413 | -117.118093 | 5.77570602 | 32.66996 | -117.122587 | 5.94324074 | 32.67265 | -117.116573 |
| 5.6116435 | 32.672407 | -117.118120 | 5.77587963 | 32.66996 | -117.122587 | 5.94445602 | 32.67271 | -117.116653 |
| 5.6118171 | 32.672403 | -117.118120 | 5.77638889 | 32.66996 | -117.122573 | 5.94462963 | 32.67273 | -117.11668 |
| 5.6119907 | 32.672400 | -117.118133 | 5.7765625 | 32.66996 | -117.122573 | 5.94480324 | 32.67275 | -117.116747 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6121644 | 32.672397 | -117.118147 | 5.77673611 | 32.66996 | -117.12256 | 5.94497685 | 32.67277 | -117.11676 |
| 5.6126736 | 32.672380 | -117.118200 | 5.77690972 | 32.66996 | -117.12256 | 5.94515046 | 32.67277 | -117.11676 |
| 5.6128472 | 32.672370 | -117.118200 | 5.77708333 | 32.66996 | -117.12256 | 5.94532407 | 32.67276 | -117.116747 |
| 5.6130324 | 32.672363 | -117.118227 | 5.77726852 | 32.66996 | -117.12256 | 5.94549769 | 32.67276 | -117.116747 |
| 5.6132060 | 32.672360 | -117.118240 | 5.77744213 | 32.66996 | -117.12256 | 5.9456713 | 32.67276 | -117.116747 |
| 5.6133796 | 32.672357 | -117.118267 | 5.77761574 | 32.66997 | -117.122547 | 5.94584491 | 32.67276 | -117.116747 |
| 5.6135417 | 32.672347 | -117.118267 | 5.77778935 | 32.66997 | -117.122547 | 5.94601852 | 32.67276 | -117.116747 |
| 5.6137153 | 32.672343 | -117.118280 | 5.77795139 | 32.66997 | -117.122547 | 5.94619213 | 32.67276 | -117.116747 |
| 5.6139005 | 32.672340 | -117.118293 | 5.778125 | 32.66997 | -117.12252 | 5.94636574 | 32.67275 | -117.116747 |
| 5.6140741 | 32.672333 | -117.118333 | 5.77829861 | 32.66997 | -117.12252 | 5.94653935 | 32.67275 | -117.116747 |
| 5.6142477 | 32.672330 | -117.118333 | 5.77847222 | 32.66997 | -117.12252 | 5.94671296 | 32.67275 | -117.116747 |
| 5.6144213 | 32.672327 | -117.118333 | 5.77864583 | 32.66997 | -117.12252 | 5.94688657 | 32.67275 | -117.116747 |
| 5.6145833 | 32.672323 | -117.118347 | 5.77881944 | 32.66997 | -117.122507 | 5.94706019 | 32.67275 | -117.116747 |
| 5.6147569 | 32.672320 | -117.118360 | 5.77899306 | 32.66997 | -117.122493 | 5.9472338 | 32.67275 | -117.116747 |
| 5.6149306 | 32.672313 | -117.118387 | 5.77916667 | 32.66996 | -117.12248 | 5.94740741 | 32.67275 | -117.116747 |
| 5.6151042 | 32.672307 | -117.118387 | 5.77935185 | 32.66996 | -117.122467 | 5.94758102 | 32.67275 | -117.116747 |
| 5.6152894 | 32.672297 | -117.118387 | 5.77952546 | 32.66996 | -117.122467 | 5.94775463 | 32.67275 | -117.116747 |
| 5.6154630 | 32.672297 | -117.118413 | 5.77969907 | 32.66996 | -117.122467 | 5.94827546 | 32.67274 | -117.116747 |
| 5.6156366 | 32.672290 | -117.118413 | 5.78020833 | 32.66996 | -117.12244 | 5.94844907 | 32.67274 | -117.116747 |
| 5.6157986 | 32.672287 | -117.118427 | 5.78038194 | 32.66995 | -117.1224 | 5.94862269 | 32.67274 | -117.116747 |
| 5.6159722 | 32.672283 | -117.118427 | 5.78055556 | 32.66995 | -117.122373 | 5.9487963 | 32.67274 | -117.116747 |
| 5.6165046 | 32.672283 | -117.118427 | 5.78072917 | 32.66995 | -117.122373 | 5.94896991 | 32.67274 | -117.116733 |
| 5.6166782 | 32.672277 | -117.118427 | 5.78091435 | 32.66995 | -117.122373 | 5.94913194 | 32.67274 | -117.116733 |
| 5.6168403 | 32.672277 | -117.118427 | 5.78108796 | 32.66995 | -117.122347 | 5.94930556 | 32.67273 | -117.116733 |
| 5.6170139 | 32.672277 | -117.118440 | 5.78126157 | 32.66995 | -117.122347 | 5.94947917 | 32.67273 | -117.116733 |
| 5.6171875 | 32.672277 | -117.118440 | 5.78143519 | 32.66995 | -117.122347 | 5.94966435 | 32.67273 | -117.116733 |
| 5.6173727 | 32.672273 | -117.118440 | 5.7816088 | 32.66994 | -117.122333 | 5.94983796 | 32.67273 | -117.116733 |
| 5.6175463 | 32.672273 | -117.118440 | 5.78178241 | 32.66994 | -117.12232 | 5.95001157 | 32.67273 | -117.116733 |
| 5.6177199 | 32.672273 | -117.118453 | 5.78195602 | 32.66994 | -117.12232 | 5.95017361 | 32.67273 | -117.116733 |
| 5.6178935 | 32.672270 | -117.118453 | 5.78212963 | 32.66994 | -117.12232 | 5.95034722 | 32.67273 | -117.116733 |
| 5.6180556 | 32.672270 | -117.118453 | 5.78230324 | 32.66994 | -117.122293 | 5.95052083 | 32.67273 | -117.116733 |
| 5.6182292 | 32.672270 | -117.118453 | 5.78247685 | 32.66993 | -117.12228 | 5.95070602 | 32.67273 | -117.116733 |
| 5.6184144 | 32.672267 | -117.118453 | 5.78265046 | 32.66994 | -117.122267 | 5.95087963 | 32.67273 | -117.116733 |
| 5.6185880 | 32.672267 | -117.118453 | 5.78282407 | 32.66993 | -117.122253 | 5.95105324 | 32.67272 | -117.116733 |
| 5.6187616 | 32.672267 | -117.118453 | 5.78298611 | 32.66993 | -117.122253 | 5.95122685 | 32.67272 | -117.116733 |
| 5.6189236 | 32.672260 | -117.118467 | 5.78315972 | 32.66991 | -117.122227 | 5.95138889 | 32.67272 | -117.116733 |
| 5.6190972 | 32.672253 | -117.118467 | 5.78333333 | 32.66991 | -117.122213 | 5.9515625 | 32.67272 | -117.116733 |
| 5.6192708 | 32.672250 | -117.118493 | 5.78350694 | 32.66992 | -117.122187 | 5.95209491 | 32.67272 | -117.116733 |
| 5.6194560 | 32.672247 | -117.118520 | 5.78402778 | 32.66992 | -117.122147 | 5.95226852 | 32.67272 | -117.116733 |
| 5.6196296 | 32.672240 | -117.118533 | 5.78421296 | 32.66992 | -117.122133 | 5.95244213 | 32.67272 | -117.11672 |
| 5.6210069 | 32.672210 | -117.118613 | 5.78438657 | 32.66992 | -117.122133 | 5.95261574 | 32.67272 | -117.11672 |
| 5.6211806 | 32.672210 | -117.118613 | 5.78456019 | 32.66992 | -117.12212 | 5.95278935 | 32.67272 | -117.11672 |
| 5.6213542 | 32.672210 | -117.118613 | 5.78472222 | 32.66992 | -117.122107 | 5.95295139 | 32.67271 | -117.11672 |
| 5.6215394 | 32.672200 | -117.118653 | 5.78489583 | 32.66992 | -117.12208 | 5.953125 | 32.67271 | -117.11672 |
| 5.6217130 | 32.672193 | -117.118667 | 5.78506944 | 32.66992 | -117.12208 | 5.95329861 | 32.67271 | -117.11672 |
| 5.6218866 | 32.672187 | -117.118707 | 5.78525463 | 32.66992 | -117.122067 | 5.9534838 | 32.67271 | -117.11672 |
| 5.6220602 | 32.672180 | -117.118680 | 5.78542824 | 32.66992 | -117.122053 | 5.95365741 | 32.67271 | -117.11672 |
| 5.6222338 | 32.672177 | -117.118707 | 5.78560185 | 32.66992 | -117.122053 | 5.95383102 | 32.67271 | -117.11672 |
| 5.6224074 | 32.672167 | -117.118720 | 5.78577546 | 32.66992 | -117.122053 | 5.95400463 | 32.67271 | -117.11672 |
| 5.6225810 | 32.672163 | -117.118733 | 5.7859375 | 32.66991 | -117.12204 | 5.95416667 | 32.67271 | -117.11672 |
| 5.6227431 | 32.672160 | -117.118747 | 5.78611111 | 32.6699 | -117.122027 | 5.95434028 | 32.67271 | -117.11672 |
| 5.6229167 | 32.672157 | -117.118760 | 5.78628472 | 32.66988 | -117.122 | 5.95451389 | 32.67271 | -117.11672 |
| 5.6230903 | 32.672157 | -117.118760 | 5.78645833 | 32.66988 | -117.121987 | 5.95469907 | 32.67271 | -117.11672 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6232755 | 32.672157 | -117.118760 | 5.78663194 | 32.66988 | -117.121973 | 5.95487269 | 32.67271 | -117.11672 |
| 5.6234491 | 32.672157 | -117.118760 | 5.78680556 | 32.66989 | -117.121973 | 5.9550463 | 32.67271 | -117.11672 |
| 5.6236227 | 32.672157 | -117.118760 | 5.78697917 | 32.66989 | -117.121973 | 5.95521991 | 32.67271 | -117.11672 |
| 5.6237847 | 32.672153 | -117.118787 | 5.78715278 | 32.66991 | -117.12196 | 5.95539352 | 32.67271 | -117.11672 |
| 5.6239583 | 32.672147 | -117.118800 | 5.78732639 | 32.66991 | -117.12196 | 5.95591435 | 32.6727 | -117.116693 |
| 5.6241319 | 32.672143 | -117.118827 | 5.78768519 | 32.66991 | -117.12196 | 5.95608796 | 32.6727 | -117.116693 |
| 5.6243171 | 32.672137 | -117.118853 | 5.7878588 | 32.66991 | -117.121947 | 5.95626157 | 32.6727 | -117.116693 |
| 5.6248380 | 32.672127 | -117.118867 | 5.78803241 | 32.66991 | -117.121947 | 5.95642361 | 32.6727 | -117.116693 |
| 5.6250116 | 32.672127 | -117.118867 | 5.78819444 | 32.66991 | -117.121947 | 5.95659722 | 32.6727 | -117.116693 |
| 5.6251852 | 32.672120 | -117.118880 | 5.78836806 | 32.6699 | -117.121947 | 5.95677083 | 32.6727 | -117.116693 |
| 5.6253588 | 32.672117 | -117.118880 | 5.78854167 | 32.66989 | -117.121947 | 5.95695602 | 32.6727 | -117.11668 |
| 5.6255324 | 32.672110 | -117.118893 | 5.78871528 | 32.6699 | -117.121947 | 5.95712963 | 32.6727 | -117.11668 |
| 5.6256944 | 32.672107 | -117.118907 | 5.78888889 | 32.66989 | -117.12192 | 5.95730324 | 32.6727 | -117.11668 |
| 5.6258681 | 32.672100 | -117.118907 | 5.7890625 | 32.66991 | -117.12192 | 5.95747685 | 32.6727 | -117.11668 |
| 5.6260532 | 32.672093 | -117.118947 | 5.78923611 | 32.66991 | -117.121893 | 5.95763889 | 32.6727 | -117.11668 |
| 5.6262269 | 32.672087 | -117.119000 | 5.78940972 | 32.66991 | -117.12188 | 5.9578125 | 32.6727 | -117.11668 |
| 5.6264005 | 32.672090 | -117.119000 | 5.78959491 | 32.66991 | -117.12188 | 5.95798611 | 32.6727 | -117.11668 |
| 5.6265625 | 32.672073 | -117.119013 | 5.78976852 | 32.66991 | -117.12188 | 5.95815972 | 32.6727 | -117.11668 |
| 5.6267361 | 32.672073 | -117.119053 | 5.78994213 | 32.66991 | -117.12188 | 5.95834491 | 32.6727 | -117.11668 |
| 5.6269097 | 32.672073 | -117.119053 | 5.79011574 | 32.6699 | -117.121853 | 5.95851852 | 32.67269 | -117.11668 |
| 5.6270949 | 32.672067 | -117.119080 | 5.79028935 | 32.66991 | -117.121853 | 5.95869213 | 32.67269 | -117.11668 |
| 5.6272685 | 32.672057 | -117.119080 | 5.79046296 | 32.6699 | -117.121853 | 5.95885417 | 32.67269 | -117.11668 |
| 5.6274421 | 32.672057 | -117.119107 | 5.790625 | 32.6699 | -117.12184 | 5.95902778 | 32.67269 | -117.116667 |
| 5.6276042 | 32.672053 | -117.119120 | 5.79079861 | 32.6699 | -117.121813 | 5.95921296 | 32.67269 | -117.116667 |
| 5.6277778 | 32.672043 | -117.119147 | 5.79097222 | 32.66991 | -117.121813 | 5.9597338 | 32.67269 | -117.116667 |
| 5.6279630 | 32.672033 | -117.119147 | 5.79201389 | 32.67002 | -117.121813 | 5.95990741 | 32.67269 | -117.116667 |
| 5.6281366 | 32.672030 | -117.119147 | 5.7921875 | 32.67002 | -117.121813 | 5.96006944 | 32.67269 | -117.116667 |
| 5.6290046 | 32.671993 | -117.119200 | 5.79236111 | 32.67002 | -117.121813 | 5.96024306 | 32.67269 | -117.116667 |
| 5.6291782 | 32.671983 | -117.119227 | 5.7925463 | 32.67002 | -117.121813 | 5.96041667 | 32.67269 | -117.116667 |
| 5.6293519 | 32.671983 | -117.119253 | 5.79271991 | 32.67002 | -117.1218 | 5.96060185 | 32.67269 | -117.116667 |
| 5.6295139 | 32.671973 | -117.119253 | 5.79289352 | 32.67003 | -117.1218 | 5.96077546 | 32.67269 | -117.116667 |
| 5.6296875 | 32.671970 | -117.119267 | 5.79306713 | 32.67003 | -117.1218 | 5.96094907 | 32.67269 | -117.116653 |
| 5.6298611 | 32.671960 | -117.119253 | 5.79322917 | 32.67003 | -117.121773 | 5.96111111 | 32.67269 | -117.116653 |
| 5.6300463 | 32.671947 | -117.119267 | 5.79340278 | 32.67004 | -117.1218 | 5.96128472 | 32.67268 | -117.116653 |
| 5.6302199 | 32.671940 | -117.119293 | 5.79357639 | 32.67004 | -117.12176 | 5.96145833 | 32.67268 | -117.116653 |
| 5.6303935 | 32.671933 | -117.119293 | 5.79375 | 32.67005 | -117.12176 | 5.96163194 | 32.67268 | -117.116653 |
| 5.6305671 | 32.671923 | -117.119293 | 5.79392361 | 32.67006 | -117.12176 | 5.96181713 | 32.67268 | -117.116653 |
| 5.6307407 | 32.671920 | -117.119293 | 5.79409722 | 32.67007 | -117.121747 | 5.96199074 | 32.67268 | -117.116653 |
| 5.6309028 | 32.671910 | -117.119293 | 5.79427083 | 32.67007 | -117.121747 | 5.96216435 | 32.67268 | -117.116653 |
| 5.6310764 | 32.671900 | -117.119307 | 5.79445602 | 32.67007 | -117.121733 | 5.96233796 | 32.67268 | -117.116653 |
| 5.6312616 | 32.671887 | -117.119320 | 5.79462963 | 32.67008 | -117.121707 | 5.96251157 | 32.67268 | -117.116653 |
| 5.6314352 | 32.671880 | -117.119333 | 5.79480324 | 32.67007 | -117.121707 | 5.96267361 | 32.67268 | -117.116653 |
| 5.6316088 | 32.671870 | -117.119347 | 5.79496528 | 32.67007 | -117.121693 | 5.96284722 | 32.67268 | -117.116653 |
| 5.6317824 | 32.671863 | -117.119347 | 5.79513889 | 32.67007 | -117.12168 | 5.96302083 | 32.67268 | -117.116653 |
| 5.6319560 | 32.671853 | -117.119387 | 5.7953125 | 32.67007 | -117.12168 | 5.96371528 | 32.67268 | -117.11664 |
| 5.6321296 | 32.671847 | -117.119400 | 5.79601852 | 32.67008 | -117.121653 | 5.96388889 | 32.67268 | -117.11664 |
| 5.6323032 | 32.671840 | -117.119400 | 5.79619213 | 32.67007 | -117.121653 | 5.9640625 | 32.67268 | -117.11664 |
| 5.6328125 | 32.671810 | -117.119440 | 5.79636574 | 32.67008 | -117.121627 | 5.96423611 | 32.67268 | -117.11664 |
| 5.6329861 | 32.671803 | -117.119453 | 5.79653935 | 32.67008 | -117.121613 | 5.9644213 | 32.67268 | -117.11664 |
| 5.6331597 | 32.671780 | -117.119453 | 5.79671296 | 32.6701 | -117.1216 | 5.96459491 | 32.67268 | -117.11664 |
| 5.6333333 | 32.671777 | -117.119467 | 5.79688657 | 32.67009 | -117.12156 | 5.96476852 | 32.67268 | -117.11664 |
| 5.6335069 | 32.671770 | -117.119480 | 5.79706019 | 32.6701 | -117.12156 | 5.96494213 | 32.67268 | -117.11664 |
| 5.6336921 | 32.671760 | -117.119480 | 5.7972338 | 32.6701 | -117.121547 | 5.96511574 | 32.67268 | -117.11664 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6338657 | 32.671753 | -117.119493 | 5.79740741 | 32.6701 | -117.121547 | 5.96528935 | 32.67268 | -117.11664 |
| 5.6340394 | 32.671743 | -117.119493 | 5.79758102 | 32.67009 | -117.121547 | 5.96546296 | 32.67268 | -117.11664 |
| 5.6342130 | 32.671737 | -117.119493 | 5.79775463 | 32.67009 | -117.121547 | 5.965625 | 32.67268 | -117.11664 |
| 5.6343866 | 32.671723 | -117.119520 | 5.79792824 | 32.67009 | -117.121547 | 5.96579861 | 32.67268 | -117.116613 |
| 5.6345602 | 32.671707 | -117.119520 | 5.79810185 | 32.67008 | -117.121533 | 5.96597222 | 32.67268 | -117.116613 |
| 5.6347338 | 32.671693 | -117.119533 | 5.79827546 | 32.67007 | -117.121533 | 5.96615741 | 32.67268 | -117.116613 |
| 5.6349074 | 32.671683 | -117.119547 | 5.79844907 | 32.67007 | -117.121533 | 5.96633102 | 32.67268 | -117.116613 |
| 5.6350694 | 32.671670 | -117.119560 | 5.79862269 | 32.67008 | -117.12152 | 5.96650463 | 32.67268 | -117.116613 |
| 5.6352431 | 32.671657 | -117.119560 | 5.7987963 | 32.67009 | -117.12152 | 5.96667824 | 32.67268 | -117.116613 |
| 5.6354282 | 32.671643 | -117.119587 | 5.79896991 | 32.67009 | -117.12152 | 5.96685185 | 32.67268 | -117.116613 |
| 5.6356019 | 32.671633 | -117.119587 | 5.79914352 | 32.67009 | -117.12152 | 5.96701389 | 32.67268 | -117.116613 |
| 5.6357755 | 32.671623 | -117.119587 | 5.79931713 | 32.67013 | -117.121507 | 5.96753472 | 32.67267 | -117.116613 |
| 5.6359491 | 32.671613 | -117.119587 | 5.80001157 | 32.67012 | -117.121467 | 5.96770833 | 32.67267 | -117.1166 |
| 5.6361111 | 32.671603 | -117.119600 | 5.80018519 | 32.67011 | -117.121453 | 5.96788194 | 32.67267 | -117.1166 |
| 5.6366435 | 32.671567 | -117.119613 | 5.8003588 | 32.67011 | -117.12144 | 5.96806713 | 32.67267 | -117.1166 |
| 5.6368171 | 32.671563 | -117.119627 | 5.80053241 | 32.6701 | -117.121413 | 5.96824074 | 32.67267 | -117.1166 |
| 5.6369907 | 32.671547 | -117.119640 | 5.80070602 | 32.67011 | -117.121413 | 5.96841435 | 32.67267 | -117.1166 |
| 5.6371528 | 32.671540 | -117.119667 | 5.80087963 | 32.67011 | -117.121413 | 5.96858796 | 32.67267 | -117.1166 |
| 5.6373264 | 32.671527 | -117.119667 | 5.80105324 | 32.67013 | -117.121413 | 5.96875 | 32.67267 | -117.1166 |
| 5.6375116 | 32.671510 | -117.119667 | 5.80122685 | 32.67013 | -117.1214 | 5.96892361 | 32.67267 | -117.1166 |
| 5.6376852 | 32.671500 | -117.119680 | 5.80140046 | 32.67013 | -117.121387 | 5.96909722 | 32.67267 | -117.1166 |
| 5.6378588 | 32.671490 | -117.119680 | 5.80157407 | 32.67013 | -117.121387 | 5.96928241 | 32.67267 | -117.1166 |
| 5.6380324 | 32.671467 | -117.119680 | 5.80174769 | 32.67013 | -117.121373 | 5.96945602 | 32.67267 | -117.1166 |
| 5.6381944 | 32.671460 | -117.119693 | 5.8019213 | 32.67013 | -117.12136 | 5.96962963 | 32.67267 | -117.116587 |
| 5.6383681 | 32.671447 | -117.119720 | 5.80209491 | 32.67013 | -117.12136 | 5.96980324 | 32.67267 | -117.116587 |
| 5.6385417 | 32.671430 | -117.119720 | 5.80225694 | 32.67012 | -117.12136 | 5.96997685 | 32.67267 | -117.116587 |
| 5.6387153 | 32.671420 | -117.119720 | 5.80243056 | 32.67013 | -117.121333 | 5.97015046 | 32.67267 | -117.116587 |
| 5.6389005 | 32.671407 | -117.119720 | 5.80260417 | 32.67013 | -117.12132 | 5.97032407 | 32.67267 | -117.116587 |
| 5.6390741 | 32.671393 | -117.119720 | 5.80277778 | 32.67013 | -117.12132 | 5.97048611 | 32.67267 | -117.116587 |
| 5.6392477 | 32.671383 | -117.119720 | 5.80295139 | 32.67015 | -117.121307 | 5.97065972 | 32.67267 | -117.116587 |
| 5.6394097 | 32.671380 | -117.119747 | 5.803125 | 32.67016 | -117.121293 | 5.97083333 | 32.67267 | -117.116587 |
| 5.6395833 | 32.671367 | -117.119747 | 5.80329861 | 32.67016 | -117.121267 | 5.97275463 | 32.67266 | -117.116493 |
| 5.6397569 | 32.671350 | -117.119760 | 5.80383102 | 32.67018 | -117.121253 | 5.97292824 | 32.67266 | -117.116493 |
| 5.6399421 | 32.671343 | -117.119787 | 5.80400463 | 32.67018 | -117.121253 | 5.97309028 | 32.67266 | -117.116493 |
| 5.6404630 | 32.671300 | -117.119813 | 5.80417824 | 32.67019 | -117.121253 | 5.97326389 | 32.67265 | -117.116493 |
| 5.6406366 | 32.671290 | -117.119813 | 5.80435185 | 32.6702 | -117.12124 | 5.9734375 | 32.67266 | -117.116467 |
| 5.6408102 | 32.671277 | -117.119813 | 5.80452546 | 32.67021 | -117.121227 | 5.97362269 | 32.67266 | -117.116467 |
| 5.6409722 | 32.671257 | -117.119813 | 5.80469907 | 32.67023 | -117.121213 | 5.9737963 | 32.67266 | -117.116467 |
| 5.6411458 | 32.671250 | -117.119827 | 5.80487269 | 32.67024 | -117.121213 | 5.97396991 | 32.67266 | -117.116467 |
| 5.6413310 | 32.671227 | -117.119840 | 5.8050463 | 32.67024 | -117.121213 | 5.97414352 | 32.67266 | -117.116467 |
| 5.6415046 | 32.671217 | -117.119853 | 5.80521991 | 32.67024 | -117.121213 | 5.97431713 | 32.67266 | -117.116467 |
| 5.6416782 | 32.671203 | -117.119853 | 5.80539352 | 32.67024 | -117.121187 | 5.97449074 | 32.67266 | -117.116467 |
| 5.6418403 | 32.671190 | -117.119867 | 5.80556713 | 32.67024 | -117.121187 | 5.97465278 | 32.67266 | -117.116467 |
| 5.6420139 | 32.671190 | -117.119867 | 5.80574074 | 32.67024 | -117.121187 | 5.97482639 | 32.67267 | -117.116453 |
| 5.6421875 | 32.671183 | -117.119867 | 5.80591435 | 32.67024 | -117.121187 | 5.97501157 | 32.67268 | -117.116453 |
| 5.6423727 | 32.671170 | -117.119867 | 5.80608796 | 32.67024 | -117.121173 | 5.97518519 | 32.67268 | -117.116453 |
| 5.6425463 | 32.671163 | -117.119867 | 5.80626157 | 32.67024 | -117.121173 | 5.9753588 | 32.67268 | -117.116453 |
| 5.6427199 | 32.671153 | -117.119893 | 5.80643519 | 32.67024 | -117.12116 | 5.97553241 | 32.67268 | -117.116453 |
| 5.6428935 | 32.671140 | -117.119907 | 5.8066088 | 32.67024 | -117.121147 | 5.97570602 | 32.67268 | -117.116453 |
| 5.6430556 | 32.671127 | -117.119920 | 5.80678241 | 32.67025 | -117.12112 | 5.97586806 | 32.67268 | -117.116453 |
| 5.6432292 | 32.671113 | -117.119920 | 5.80695602 | 32.67024 | -117.12112 | 5.97604167 | 32.67268 | -117.116453 |
| 5.6434144 | 32.671103 | -117.119920 | 5.80712963 | 32.67024 | -117.12112 | 5.97658565 | 32.6727 | -117.116453 |
| 5.6435880 | 32.671087 | -117.119920 | 5.80782407 | 32.67025 | -117.121067 | 5.97674769 | 32.6727 | -117.116453 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6437616 | 32.671067 | -117.119920 | 5.80799769 | 32.67025 | -117.121067 | 5.9769213 | 32.67271 | -117.11644 |
| 5.6449769 | 32.671000 | -117.119973 | 5.8081713 | 32.67025 | -117.121067 | 5.97709491 | 32.6727 | -117.116427 |
| 5.6451389 | 32.670987 | -117.119987 | 5.80834491 | 32.67025 | -117.121067 | 5.97725694 | 32.6727 | -117.1164 |
| 5.6453125 | 32.670973 | -117.120000 | 5.80851852 | 32.67025 | -117.121067 | 5.97743056 | 32.6727 | -117.1164 |
| 5.6454861 | 32.670960 | -117.120000 | 5.80869213 | 32.67026 | -117.121027 | 5.97760417 | 32.6727 | -117.1164 |
| 5.6456597 | 32.670950 | -117.120013 | 5.80886574 | 32.67026 | -117.121013 | 5.97778935 | 32.6727 | -117.1164 |
| 5.6458449 | 32.670940 | -117.120013 | 5.80903935 | 32.67026 | -117.121 | 5.97796296 | 32.6727 | -117.1164 |
| 5.6460185 | 32.670930 | -117.120040 | 5.80921296 | 32.67029 | -117.121 | 5.97813657 | 32.6727 | -117.1164 |
| 5.6461921 | 32.670923 | -117.120053 | 5.80938657 | 32.67029 | -117.120973 | 5.97829861 | 32.6727 | -117.1164 |
| 5.6463542 | 32.670913 | -117.120067 | 5.80956019 | 32.6703 | -117.120973 | 5.97847222 | 32.6727 | -117.1164 |
| 5.6465278 | 32.670903 | -117.120080 | 5.8097338 | 32.6703 | -117.120973 | 5.97864583 | 32.6727 | -117.1164 |
| 5.6467130 | 32.670893 | -117.120107 | 5.80990741 | 32.6703 | -117.120973 | 5.97883102 | 32.6727 | -117.1164 |
| 5.6468866 | 32.670887 | -117.120120 | 5.81008102 | 32.67032 | -117.120973 | 5.97900463 | 32.67271 | -117.1164 |
| 5.6470602 | 32.670877 | -117.120133 | 5.81025463 | 32.67032 | -117.120973 | 5.97917824 | 32.67269 | -117.1164 |
| 5.6472222 | 32.670867 | -117.120133 | 5.81042824 | 32.67032 | -117.12096 | 5.97935185 | 32.67271 | -117.116387 |
| 5.6473958 | 32.670857 | -117.120147 | 5.81060185 | 32.67032 | -117.120947 | 5.97951389 | 32.6727 | -117.116387 |
| 5.6475810 | 32.670847 | -117.120147 | 5.81077546 | 32.67032 | -117.120933 | 5.9796875 | 32.6727 | -117.116387 |
| 5.6477546 | 32.670837 | -117.120160 | 5.81094907 | 32.67032 | -117.12092 | 5.98107639 | 32.67281 | -117.11632 |
| 5.6479282 | 32.670830 | -117.120187 | 5.81112269 | 32.6703 | -117.12088 | 5.98126157 | 32.67281 | -117.11632 |
| 5.6481019 | 32.670820 | -117.120187 | 5.81166667 | 32.67031 | -117.120853 | 5.98143519 | 32.67278 | -117.116347 |
| 5.6482639 | 32.670810 | -117.120200 | 5.81181713 | 32.67031 | -117.120853 | 5.9816088 | 32.67279 | -117.116347 |
| 5.6493171 | 32.670737 | -117.120253 | 5.81199074 | 32.67031 | -117.12084 | 5.98178241 | 32.67278 | -117.116347 |
| 5.6494907 | 32.670730 | -117.120267 | 5.81216435 | 32.67032 | -117.12084 | 5.98195602 | 32.67278 | -117.116347 |
| 5.6496644 | 32.670717 | -117.120267 | 5.81233796 | 32.67032 | -117.120813 | 5.98211806 | 32.67278 | -117.116347 |
| 5.6498380 | 32.670707 | -117.120267 | 5.81251157 | 32.67032 | -117.1208 | 5.98229167 | 32.67278 | -117.116347 |
| 5.6500116 | 32.670693 | -117.120280 | 5.81268519 | 32.67033 | -117.1208 | 5.98247685 | 32.67281 | -117.116347 |
| 5.6501852 | 32.670680 | -117.120280 | 5.8128588 | 32.67034 | -117.120773 | 5.98265046 | 32.6728 | -117.116387 |
| 5.6503472 | 32.670670 | -117.120293 | 5.81303241 | 32.67034 | -117.120747 | 5.98282407 | 32.6728 | -117.116373 |
| 5.6505208 | 32.670670 | -117.120307 | 5.81320602 | 32.67038 | -117.120747 | 5.98299769 | 32.6728 | -117.116373 |
| 5.6506944 | 32.670670 | -117.120333 | 5.81337963 | 32.67039 | -117.120747 | 5.98315972 | 32.67281 | -117.116347 |
| 5.6508681 | 32.670663 | -117.120347 | 5.81355324 | 32.6704 | -117.120733 | 5.98333333 | 32.67287 | -117.11636 |
| 5.6510532 | 32.670660 | -117.120347 | 5.81372685 | 32.67039 | -117.12072 | 5.98350694 | 32.67287 | -117.11636 |
| 5.6512269 | 32.670650 | -117.120373 | 5.81390046 | 32.6704 | -117.120733 | 5.98369213 | 32.67288 | -117.116347 |
| 5.6514005 | 32.670637 | -117.120400 | 5.81407407 | 32.67041 | -117.120693 | 5.98386574 | 32.6729 | -117.116347 |
| 5.6515741 | 32.670633 | -117.120400 | 5.81424769 | 32.67041 | -117.120707 | 5.98402778 | 32.6729 | -117.116347 |
| 5.6517361 | 32.670627 | -117.120413 | 5.8144213 | 32.67041 | -117.120693 | 5.98420139 | 32.6729 | -117.11632 |
| 5.6519097 | 32.670623 | -117.120413 | 5.81459491 | 32.67042 | -117.120693 | 5.984375 | 32.67292 | -117.11632 |
| 5.6520833 | 32.670617 | -117.120427 | 5.81476852 | 32.67042 | -117.120693 | 5.98494213 | 32.67293 | -117.116347 |
| 5.6522685 | 32.670613 | -117.120453 | 5.81494213 | 32.67043 | -117.120693 | 5.98506944 | 32.67291 | -117.116347 |
| 5.6524421 | 32.670610 | -117.120453 | 5.81545139 | 32.67045 | -117.12064 | 5.98524306 | 32.67293 | -117.116347 |
| 5.6526157 | 32.670600 | -117.120453 | 5.815625 | 32.67044 | -117.120627 | 5.98542824 | 32.67289 | -117.116347 |
| 5.6531366 | 32.670597 | -117.120507 | 5.81579861 | 32.67045 | -117.1206 | 5.98560185 | 32.67288 | -117.116373 |
| 5.6533102 | 32.670593 | -117.120520 | 5.81597222 | 32.67046 | -117.1206 | 5.98577546 | 32.67289 | -117.116373 |
| 5.6534838 | 32.670597 | -117.120547 | 5.81614583 | 32.67047 | -117.120587 | 5.9859375 | 32.6729 | -117.116347 |
| 5.6536458 | 32.670590 | -117.120547 | 5.81631944 | 32.67048 | -117.120573 | 5.98611111 | 32.67293 | -117.116347 |
| 5.6538194 | 32.670587 | -117.120547 | 5.81649306 | 32.67049 | -117.120547 | 5.9862963 | 32.67292 | -117.11636 |
| 5.6539931 | 32.670580 | -117.120560 | 5.81666667 | 32.6705 | -117.120547 | 5.98646991 | 32.67291 | -117.116347 |
| 5.6541782 | 32.670573 | -117.120587 | 5.81684028 | 32.67049 | -117.12056 | 5.98664352 | 32.67293 | -117.116347 |
| 5.6543519 | 32.670563 | -117.120587 | 5.81701389 | 32.6705 | -117.120547 | 5.98680556 | 32.67292 | -117.11632 |
| 5.6545255 | 32.670557 | -117.120600 | 5.8171875 | 32.6705 | -117.120547 | 5.98697917 | 32.67287 | -117.11632 |
| 5.6546991 | 32.670550 | -117.120600 | 5.81736111 | 32.6705 | -117.12052 | 5.98716435 | 32.67287 | -117.116347 |
| 5.6548611 | 32.670543 | -117.120600 | 5.81753472 | 32.67051 | -117.12052 | 5.98733796 | 32.67288 | -117.116347 |
| 5.6550347 | 32.670527 | -117.120640 | 5.81770833 | 32.67052 | -117.120507 | 5.9875 | 32.67288 | -117.116347 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6552083 | 32.670520 | -117.120653 | 5.81788194 | 32.67052 | -117.12048 | 5.98767361 | 32.67289 | -117.116387 |
| 5.6553819 | 32.670513 | -117.120667 | 5.81805556 | 32.67053 | -117.120493 | 5.98793982 | 32.67292 | -117.116387 |
| 5.6555671 | 32.670500 | -117.120693 | 5.81822917 | 32.67054 | -117.12048 | 5.98802083 | 32.67292 | -117.116387 |
| 5.6557407 | 32.670487 | -117.120707 | 5.81840278 | 32.67054 | -117.12048 | 5.98855324 | 32.6729 | -117.116347 |
| 5.6559144 | 32.670477 | -117.120720 | 5.81857639 | 32.67054 | -117.12048 | 5.98872685 | 32.6729 | -117.116347 |
| 5.6560880 | 32.670470 | -117.120733 | 5.81876157 | 32.67054 | -117.120453 | 5.98890046 | 32.6729 | -117.116387 |
| 5.6562500 | 32.670463 | -117.120747 | 5.81966435 | 32.67058 | -117.1204 | 5.9890625 | 32.6729 | -117.116387 |
| 5.6564236 | 32.670453 | -117.120773 | 5.81979167 | 32.67059 | -117.1204 | 5.98923611 | 32.67291 | -117.116373 |
| 5.6569444 | 32.670440 | -117.120800 | 5.81996528 | 32.67059 | -117.120373 | 5.98940972 | 32.67292 | -117.116373 |
| 5.6571181 | 32.670433 | -117.120813 | 5.82013889 | 32.67061 | -117.12036 | 5.98959491 | 32.67293 | -117.11636 |
| 5.6573032 | 32.670427 | -117.120840 | 5.8203125 | 32.67062 | -117.12036 | 5.98976852 | 32.67293 | -117.11636 |
| 5.6574769 | 32.670427 | -117.120853 | 5.82049769 | 32.67061 | -117.12036 | 5.98994213 | 32.67292 | -117.11636 |
| 5.6576389 | 32.670423 | -117.120853 | 5.8206713 | 32.67062 | -117.12036 | 5.99010417 | 32.67292 | -117.11636 |
| 5.6578125 | 32.670417 | -117.120867 | 5.82084491 | 32.67062 | -117.120347 | 5.99027778 | 32.67292 | -117.11636 |
| 5.6579861 | 32.670413 | -117.120880 | 5.82101852 | 32.67062 | -117.120347 | 5.99045139 | 32.67292 | -117.116347 |
| 5.6581713 | 32.670417 | -117.120920 | 5.82118056 | 32.67063 | -117.120333 | 5.990625 | 32.67292 | -117.11636 |
| 5.6583449 | 32.670417 | -117.120920 | 5.82135417 | 32.67064 | -117.120307 | 5.99079861 | 32.67291 | -117.11636 |
| 5.6585185 | 32.670423 | -117.120933 | 5.82152778 | 32.67065 | -117.120307 | 5.99097222 | 32.67291 | -117.11636 |
| 5.6586921 | 32.670417 | -117.120947 | 5.82171296 | 32.67066 | -117.120293 | 5.99115741 | 32.67291 | -117.11636 |
| 5.6588657 | 32.670417 | -117.120973 | 5.82188657 | 32.67067 | -117.12028 | 5.99133102 | 32.67291 | -117.116373 |
| 5.6590278 | 32.670417 | -117.120973 | 5.82206019 | 32.67067 | -117.120267 | 5.99150463 | 32.67291 | -117.116387 |
| 5.6592014 | 32.670417 | -117.121000 | 5.82222222 | 32.67067 | -117.120267 | 5.99167824 | 32.67291 | -117.116373 |
| 5.6594213 | 32.670427 | -117.121013 | 5.82239583 | 32.67067 | -117.120253 | 5.99270833 | 32.67291 | -117.1164 |
| 5.6595602 | 32.670427 | -117.121013 | 5.82256944 | 32.67067 | -117.120253 | 5.99289352 | 32.67291 | -117.1164 |
| 5.6597338 | 32.670427 | -117.121040 | 5.82274306 | 32.67068 | -117.120213 | 5.99306713 | 32.67291 | -117.1164 |
| 5.6598958 | 32.670423 | -117.121067 | 5.82291667 | 32.67069 | -117.1202 | 5.99324074 | 32.67291 | -117.1164 |
| 5.6600694 | 32.670423 | -117.121067 | 5.82466435 | 32.67074 | -117.12012 | 5.99341435 | 32.67289 | -117.1164 |
| 5.6602431 | 32.670417 | -117.121067 | 5.82482639 | 32.67074 | -117.12012 | 5.99358796 | 32.67291 | -117.116387 |
| 5.6607639 | 32.670417 | -117.121080 | 5.825 | 32.67074 | -117.120107 | 5.99375 | 32.67292 | -117.116387 |
| 5.6609375 | 32.670417 | -117.121093 | 5.82517361 | 32.67075 | -117.120107 | 5.99392361 | 32.67294 | -117.116373 |
| 5.6611111 | 32.670417 | -117.121093 | 5.8253588 | 32.67075 | -117.12008 | 5.9941088 | 32.67295 | -117.116387 |
| 5.6612963 | 32.670417 | -117.121093 | 5.82553241 | 32.67076 | -117.12008 | 5.99428241 | 32.67295 | -117.116373 |
| 5.6614699 | 32.670423 | -117.121093 | 5.82570602 | 32.67077 | -117.120067 | 5.99445602 | 32.67298 | -117.116347 |
| 5.6616319 | 32.670423 | -117.121093 | 5.82587963 | 32.67078 | -117.120067 | 5.99461806 | 32.67297 | -117.116347 |
| 5.6618056 | 32.670423 | -117.121093 | 5.82604167 | 32.67078 | -117.120053 | 5.99479167 | 32.67297 | -117.116347 |
| 5.6619792 | 32.670423 | -117.121107 | 5.82621528 | 32.67079 | -117.12004 | 5.99496528 | 32.67297 | -117.116347 |
| 5.6621644 | 32.670423 | -117.121107 | 5.82640046 | 32.67079 | -117.120013 | 5.99515046 | 32.67297 | -117.116347 |
| 5.6623380 | 32.670423 | -117.121107 | 5.82657407 | 32.6708 | -117.12 | 5.99532407 | 32.67297 | -117.116347 |
| 5.6625116 | 32.670423 | -117.121120 | 5.82674769 | 32.6708 | -117.12 | 5.99549769 | 32.67297 | -117.116347 |
| 5.6626736 | 32.670423 | -117.121120 | 5.82690972 | 32.6708 | -117.119987 | 5.9956713 | 32.67297 | -117.116347 |
| 5.6628472 | 32.670423 | -117.121120 | 5.82708333 | 32.6708 | -117.119987 | 5.99583333 | 32.67297 | -117.116347 |
| 5.6630208 | 32.670423 | -117.121120 | 5.82725694 | 32.6708 | -117.119973 | 5.99653935 | 32.67297 | -117.116347 |
| 5.6632060 | 32.670423 | -117.121120 | 5.82744213 | 32.6708 | -117.11996 | 5.99671296 | 32.67297 | -117.116347 |
| 5.6633796 | 32.670423 | -117.121120 | 5.82761574 | 32.67082 | -117.11996 | 5.99688657 | 32.67297 | -117.116347 |
| 5.6635532 | 32.670423 | -117.121120 | 5.82778935 | 32.67083 | -117.11996 | 5.99704861 | 32.67297 | -117.116347 |
| 5.6637269 | 32.670423 | -117.121120 | 5.82795139 | 32.67083 | -117.119933 | 5.99722222 | 32.67297 | -117.116347 |
| 5.6638889 | 32.670423 | -117.121120 | 5.82986111 | 32.67092 | -117.119867 | 5.99739583 | 32.67297 | -117.116347 |
| 5.6640625 | 32.670427 | -117.121120 | 5.83003472 | 32.67092 | -117.119853 | 5.99758102 | 32.67297 | -117.116347 |
| 5.6654630 | 32.670430 | -117.121147 | 5.83021991 | 32.67094 | -117.119853 | 5.99775463 | 32.67297 | -117.116347 |
| 5.6656366 | 32.670430 | -117.121147 | 5.83039352 | 32.67094 | -117.11984 | 5.99791667 | 32.67297 | -117.116347 |
| 5.6658102 | 32.670430 | -117.121147 | 5.83056713 | 32.67095 | -117.119827 | 5.99809028 | 32.67297 | -117.116347 |
| 5.6659838 | 32.670430 | -117.121147 | 5.83074074 | 32.67096 | -117.119813 | 5.99826389 | 32.67296 | -117.116347 |
| 5.6661458 | 32.670430 | -117.121147 | 5.83090278 | 32.67097 | -117.119813 | 5.9984375 | 32.67296 | -117.116347 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6663194 | 32.670430 | -117.121160 | 5.83107639 | 32.67097 | -117.119813 | 5.99862269 | 32.67296 | -117.116347 |
| 5.6664931 | 32.670427 | -117.121160 | 5.83125 | 32.67098 | -117.119813 | 5.9987963 | 32.67296 | -117.116347 |
| 5.6666782 | 32.670427 | -117.121160 | 5.83142361 | 32.67099 | -117.119787 | 5.99895833 | 32.67296 | -117.116347 |
| 5.6668519 | 32.670427 | -117.121160 | 5.8316088 | 32.67099 | -117.119773 | 5.99913194 | 32.67296 | -117.116347 |
| 5.6670255 | 32.670427 | -117.121173 | 5.83178241 | 32.67099 | -117.11976 | 5.99930556 | 32.67296 | -117.116347 |
| 5.6671991 | 32.670427 | -117.121173 | 5.83195602 | 32.67099 | -117.119773 | 5.99949074 | 32.67296 | -117.116347 |
| 5.6673727 | 32.670427 | -117.121173 | 5.83212963 | 32.671 | -117.11976 | 5.99966435 | 32.67296 | -117.116347 |
| 5.6675463 | 32.670427 | -117.121187 | 5.83229167 | 32.67101 | -117.119747 | 6.00017361 | 32.67296 | -117.116347 |
| 5.6677199 | 32.670430 | -117.121187 | 5.83246528 | 32.67101 | -117.119747 | 6.00034722 | 32.67296 | -117.116347 |
| 5.6678935 | 32.670430 | -117.121187 | 5.83263889 | 32.67101 | -117.119747 | 6.00055556 | 32.67296 | -117.116347 |
| 5.6680671 | 32.670430 | -117.121187 | 5.83282407 | 32.67102 | -117.119747 | 6.00070602 | 32.67296 | -117.116347 |
| 5.6682407 | 32.670430 | -117.121187 | 5.83299769 | 32.67103 | -117.119747 | 6.00087963 | 32.67296 | -117.116347 |
| 5.6684144 | 32.670430 | -117.121187 | 5.83315972 | 32.67104 | -117.119773 | 6.00105324 | 32.67295 | -117.116347 |
| 5.6685880 | 32.670430 | -117.121187 | 5.83490741 | 32.67111 | -117.11972 | 6.00121528 | 32.67295 | -117.116347 |
| 5.6687616 | 32.670430 | -117.121213 | 5.83506944 | 32.67111 | -117.11972 | 6.00138889 | 32.67295 | -117.116347 |
| 5.6694792 | 32.670430 | -117.121213 | 5.83524306 | 32.67111 | -117.119707 | 6.0015625 | 32.67295 | -117.116347 |
| 5.6696296 | 32.670430 | -117.121213 | 5.83541667 | 32.67112 | -117.119693 | 6.00174769 | 32.67295 | -117.116347 |
| 5.6698032 | 32.670430 | -117.121213 | 5.83560185 | 32.67112 | -117.11968 | 6.0019213 | 32.67295 | -117.116347 |
| 5.6699653 | 32.670427 | -117.121213 | 5.83577546 | 32.67113 | -117.11968 | 6.00209491 | 32.67295 | -117.116347 |
| 5.6701389 | 32.670427 | -117.121213 | 5.83594907 | 32.67113 | -117.11968 | 6.00226852 | 32.67295 | -117.116347 |
| 5.6703588 | 32.670427 | -117.121213 | 5.83611111 | 32.67114 | -117.11968 | 6.00243056 | 32.67295 | -117.116347 |
| 5.6704977 | 32.670427 | -117.121213 | 5.83628472 | 32.67114 | -117.119667 | 6.00260417 | 32.67295 | -117.116347 |
| 5.6706713 | 32.670427 | -117.121213 | 5.83650463 | 32.67114 | -117.119667 | 6.00282407 | 32.67295 | -117.116347 |
| 5.6708449 | 32.670427 | -117.121213 | 5.83664352 | 32.67115 | -117.119667 | 6.00296296 | 32.67295 | -117.116347 |
| 5.6710185 | 32.670427 | -117.121227 | 5.83681713 | 32.67116 | -117.119667 | 6.00313657 | 32.67295 | -117.116347 |
| 5.6711806 | 32.670427 | -117.121227 | 5.83699074 | 32.67117 | -117.11964 | 6.00331019 | 32.67295 | -117.116347 |
| 5.6713542 | 32.670423 | -117.121227 | 5.83715278 | 32.67116 | -117.119667 | 6.0050463 | 32.67295 | -117.116347 |
| 5.6715278 | 32.670423 | -117.121240 | 5.83732639 | 32.67117 | -117.11964 | 6.00521991 | 32.67295 | -117.116347 |
| 5.6717014 | 32.670423 | -117.121240 | 5.8375 | 32.67118 | -117.119667 | 6.00539352 | 32.67295 | -117.116347 |
| 5.6718750 | 32.670417 | -117.121253 | 5.83768519 | 32.67118 | -117.119667 | 6.00556713 | 32.67295 | -117.116347 |
| 5.6720602 | 32.670417 | -117.121253 | 5.8378588 | 32.67118 | -117.119667 | 6.00576389 | 32.67295 | -117.116347 |
| 5.6722338 | 32.670417 | -117.121253 | 5.83803241 | 32.67118 | -117.119667 | 6.00590278 | 32.67295 | -117.116347 |
| 5.6724074 | 32.670410 | -117.121253 | 5.83819444 | 32.67118 | -117.119667 | 6.00607639 | 32.67295 | -117.116347 |
| 5.6725810 | 32.670407 | -117.121267 | 5.83923611 | 32.67123 | -117.119587 | 6.00626157 | 32.67294 | -117.116347 |
| 5.6727546 | 32.670407 | -117.121267 | 5.83940972 | 32.67123 | -117.119587 | 6.00643519 | 32.67293 | -117.11632 |
| 5.6732755 | 32.670407 | -117.121267 | 5.83959491 | 32.67123 | -117.119587 | 6.0066088 | 32.67292 | -117.11632 |
| 5.6734491 | 32.670407 | -117.121267 | 5.83976852 | 32.67123 | -117.119587 | 6.00677083 | 32.67292 | -117.11632 |
| 5.6736227 | 32.670407 | -117.121267 | 5.83994213 | 32.67123 | -117.119587 | 6.00694444 | 32.67292 | -117.11632 |
| 5.6737963 | 32.670407 | -117.121267 | 5.84010417 | 32.67124 | -117.119587 | 6.00712963 | 32.67292 | -117.11632 |
| 5.6739699 | 32.670407 | -117.121267 | 5.84027778 | 32.67124 | -117.11956 | 6.00730324 | 32.67292 | -117.11632 |
| 5.6741435 | 32.670407 | -117.121267 | 5.84045139 | 32.67124 | -117.11956 | 6.00747685 | 32.67292 | -117.11632 |
| 5.6743171 | 32.670407 | -117.121267 | 5.84063657 | 32.67125 | -117.119547 | 6.00763889 | 32.67295 | -117.11632 |
| 5.6744907 | 32.670403 | -117.121267 | 5.84081019 | 32.67125 | -117.119547 | 6.0078125 | 32.67295 | -117.11632 |
| 5.6746644 | 32.670407 | -117.121267 | 5.8409838 | 32.67125 | -117.119533 | 6.00798611 | 32.67296 | -117.116347 |
| 5.6748380 | 32.670403 | -117.121293 | 5.84114583 | 32.67126 | -117.119533 | 6.0081713 | 32.67297 | -117.116347 |
| 5.6750116 | 32.670403 | -117.121293 | 5.84131944 | 32.67126 | -117.119533 | 6.00834491 | 32.67297 | -117.116347 |
| 5.6751736 | 32.670403 | -117.121293 | 5.84149306 | 32.67126 | -117.119533 | 6.009375 | 32.67298 | -117.116347 |
| 5.6753472 | 32.670403 | -117.121293 | 5.84167824 | 32.67126 | -117.119493 | 6.00954861 | 32.67297 | -117.116347 |
| 5.6755208 | 32.670403 | -117.121307 | 5.84185185 | 32.67126 | -117.119493 | 6.00975694 | 32.67297 | -117.116347 |
| 5.6757060 | 32.670403 | -117.121307 | 5.84202546 | 32.67127 | -117.119493 | 6.00990741 | 32.67297 | -117.116347 |
| 5.6758796 | 32.670403 | -117.121307 | 5.8421875 | 32.67127 | -117.119493 | 6.01008102 | 32.67297 | -117.116347 |
| 5.6760532 | 32.670403 | -117.121320 | 5.84236111 | 32.67128 | -117.119493 | 6.01024306 | 32.67297 | -117.116347 |
| 5.6762269 | 32.670403 | -117.121320 | 5.84253472 | 32.67127 | -117.119493 | 6.01041667 | 32.67297 | -117.116347 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6763889 | 32.670403 | -117.121320 | 5.84305556 | 32.67128 | -117.11948 | 6.01060185 | 32.67297 | -117.11636 |
| 5.6765625 | 32.670403 | -117.121320 | 5.84322917 | 32.67128 | -117.11948 | 6.01077546 | 32.67296 | -117.116347 |
| 5.6770833 | 32.670407 | -117.121320 | 5.84340278 | 32.67128 | -117.119467 | 6.0109375 | 32.67297 | -117.116347 |
| 5.6772569 | 32.670407 | -117.121320 | 5.84357639 | 32.67128 | -117.119467 | 6.01111111 | 32.67298 | -117.116347 |
| 5.6774306 | 32.670407 | -117.121320 | 5.84376157 | 32.67127 | -117.119467 | 6.01128472 | 32.67299 | -117.116347 |
| 5.6776042 | 32.670407 | -117.121320 | 5.84393519 | 32.67128 | -117.119467 | 6.01145833 | 32.673 | -117.116347 |
| 5.6777778 | 32.670407 | -117.121333 | 5.8441088 | 32.67128 | -117.119453 | 6.01164352 | 32.673 | -117.11632 |
| 5.6779630 | 32.670407 | -117.121333 | 5.84428241 | 32.67127 | -117.119453 | 6.01181713 | 32.67298 | -117.11632 |
| 5.6781366 | 32.670410 | -117.121333 | 5.84445602 | 32.67128 | -117.119453 | 6.01199074 | 32.67296 | -117.11632 |
| 5.6783102 | 32.670410 | -117.121333 | 5.84462963 | 32.67128 | -117.119453 | 6.01216435 | 32.67295 | -117.116307 |
| 5.6784838 | 32.670410 | -117.121333 | 5.84479167 | 32.67128 | -117.119453 | 6.01233796 | 32.67293 | -117.116307 |
| 5.6786574 | 32.670407 | -117.121360 | 5.84496528 | 32.67129 | -117.119453 | 6.01251157 | 32.67292 | -117.116293 |
| 5.6788194 | 32.670403 | -117.121360 | 5.84515046 | 32.6713 | -117.119453 | 6.01458333 | 32.67292 | -117.11636 |
| 5.6789931 | 32.670403 | -117.121360 | 5.84532407 | 32.6713 | -117.119453 | 6.01475694 | 32.67295 | -117.11636 |
| 5.6791782 | 32.670403 | -117.121360 | 5.84549769 | 32.6713 | -117.119453 | 6.01494213 | 32.67296 | -117.116373 |
| 5.6793519 | 32.670413 | -117.121400 | 5.84565972 | 32.6713 | -117.119453 | 6.01511574 | 32.67297 | -117.116373 |
| 5.6795255 | 32.670417 | -117.121400 | 5.84583333 | 32.67131 | -117.119453 | 6.01528935 | 32.67299 | -117.116373 |
| 5.6796875 | 32.670443 | -117.121413 | 5.84600694 | 32.67131 | -117.11944 | 6.01546296 | 32.67299 | -117.116373 |
| 5.6798611 | 32.670453 | -117.121440 | 5.84619213 | 32.67131 | -117.11944 | 6.01563657 | 32.67299 | -117.116373 |
| 5.6800347 | 32.670470 | -117.121467 | 5.84636574 | 32.67132 | -117.11944 | 6.01581019 | 32.67299 | -117.116373 |
| 5.6802199 | 32.670483 | -117.121467 | 5.846875 | 32.67132 | -117.11944 | 6.0159838 | 32.67299 | -117.11636 |
| 5.6803935 | 32.670487 | -117.121480 | 5.84706019 | 32.67133 | -117.11944 | 6.01615741 | 32.67298 | -117.1164 |
| 5.6809028 | 32.670507 | -117.121480 | 5.8472338 | 32.67133 | -117.11944 | 6.01633102 | 32.67298 | -117.116387 |
| 5.6810880 | 32.670520 | -117.121467 | 5.84740741 | 32.67133 | -117.11944 | 6.01650463 | 32.67299 | -117.1164 |
| 5.6812616 | 32.670533 | -117.121467 | 5.84756944 | 32.67133 | -117.11944 | 6.01667824 | 32.673 | -117.116387 |
| 5.6814352 | 32.670543 | -117.121453 | 5.84774306 | 32.67134 | -117.119413 | 6.01685185 | 32.67303 | -117.1164 |
| 5.6816088 | 32.670553 | -117.121467 | 5.84796296 | 32.67134 | -117.119413 | 6.01701389 | 32.67304 | -117.1164 |
| 5.6817708 | 32.670553 | -117.121453 | 5.84810185 | 32.67134 | -117.119413 | 6.0171875 | 32.67303 | -117.1164 |
| 5.6819444 | 32.670563 | -117.121453 | 5.84827546 | 32.67134 | -117.119413 | 6.01736111 | 32.67295 | -117.11636 |
| 5.6821181 | 32.670573 | -117.121440 | 5.84844907 | 32.67134 | -117.119413 | 6.01753472 | 32.67293 | -117.116347 |
| 5.6823032 | 32.670593 | -117.121440 | 5.84861111 | 32.67134 | -117.119413 | 6.01771991 | 32.67292 | -117.116347 |
| 5.6824769 | 32.670600 | -117.121413 | 5.84878472 | 32.67134 | -117.119413 | 6.01826389 | 32.67292 | -117.116347 |
| 5.6826505 | 32.670613 | -117.121413 | 5.84896991 | 32.67134 | -117.119413 | 6.01841435 | 32.67292 | -117.116347 |
| 5.6828241 | 32.670623 | -117.121413 | 5.84914352 | 32.67134 | -117.119413 | 6.01858796 | 32.67292 | -117.116347 |
| 5.6829861 | 32.670637 | -117.121413 | 5.84931713 | 32.67134 | -117.119413 | 6.01876157 | 32.67292 | -117.116347 |
| 5.6831597 | 32.670650 | -117.121413 | 5.84947917 | 32.67134 | -117.119413 | 6.01892361 | 32.67292 | -117.116347 |
| 5.6833333 | 32.670660 | -117.121400 | 5.84965278 | 32.67135 | -117.119413 | 6.01909722 | 32.67292 | -117.116347 |
| 5.6835185 | 32.670673 | -117.121387 | 5.84982639 | 32.67135 | -117.119413 | 6.01927083 | 32.67292 | -117.116347 |
| 5.6836921 | 32.670680 | -117.121387 | 5.85001157 | 32.67135 | -117.119413 | 6.01944444 | 32.67292 | -117.116347 |
| 5.6838657 | 32.670693 | -117.121360 | 5.85018519 | 32.67135 | -117.1194 | 6.01961806 | 32.67292 | -117.116347 |
| 5.6840394 | 32.670700 | -117.121360 | 5.85070602 | 32.67136 | -117.1194 | 6.01979167 | 32.67292 | -117.116347 |
| 5.6842130 | 32.670710 | -117.121333 | 5.85087963 | 32.67137 | -117.1194 | 6.01996528 | 32.67292 | -117.116347 |
| 5.6848958 | 32.670737 | -117.121333 | 5.85105324 | 32.67137 | -117.1194 | 6.02015046 | 32.67292 | -117.116347 |
| 5.6850810 | 32.670740 | -117.121333 | 5.85121528 | 32.67137 | -117.119387 | 6.02032407 | 32.67293 | -117.116347 |
| 5.6852546 | 32.670747 | -117.121320 | 5.85138889 | 32.67138 | -117.119387 | 6.02049769 | 32.67293 | -117.116347 |
| 5.6854282 | 32.670753 | -117.121320 | 5.8515625 | 32.67138 | -117.119387 | 6.0206713 | 32.67293 | -117.116347 |
| 5.6856019 | 32.670753 | -117.121307 | 5.85174769 | 32.67138 | -117.119387 | 6.02083333 | 32.67293 | -117.116347 |
| 5.6857639 | 32.670753 | -117.121307 | 5.8519213 | 32.67138 | -117.119387 | 6.02100694 | 32.67293 | -117.116347 |
| 5.6859375 | 32.670760 | -117.121293 | 5.85209491 | 32.67138 | -117.119387 | 6.02118056 | 32.67293 | -117.116347 |
| 5.6861227 | 32.670767 | -117.121267 | 5.85226852 | 32.67139 | -117.119387 | 6.02135417 | 32.67293 | -117.116347 |
| 5.6862963 | 32.670773 | -117.121267 | 5.85243056 | 32.67139 | -117.119387 | 6.02259259 | 32.67295 | -117.116347 |
| 5.6864699 | 32.670773 | -117.121267 | 5.85260417 | 32.67139 | -117.119387 | 6.02274306 | 32.67295 | -117.116347 |
| 5.6866319 | 32.670773 | -117.121267 | 5.85277778 | 32.6714 | -117.119347 | 6.02291667 | 32.67295 | -117.116347 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6868056 | 32.670780 | -117.121253 | 5.85296296 | 32.67141 | -117.119347 | 6.02309028 | 32.67295 | -117.116347 |
| 5.6869792 | 32.670790 | -117.121253 | 5.85313657 | 32.67142 | -117.119347 | 6.02326389 | 32.67295 | -117.116347 |
| 5.6871644 | 32.670790 | -117.121240 | 5.85329861 | 32.67142 | -117.119333 | 6.02344907 | 32.67295 | -117.116347 |
| 5.6873380 | 32.670800 | -117.121227 | 5.85347222 | 32.67143 | -117.119333 | 6.02362269 | 32.67295 | -117.116347 |
| 5.6875116 | 32.670813 | -117.121213 | 5.85369213 | 32.67143 | -117.11932 | 6.0237963 | 32.67295 | -117.116347 |
| 5.6876736 | 32.670820 | -117.121213 | 5.85383102 | 32.67144 | -117.11932 | 6.02396991 | 32.67295 | -117.116347 |
| 5.6878472 | 32.670820 | -117.121213 | 5.85400463 | 32.67143 | -117.119333 | 6.02414352 | 32.67296 | -117.116347 |
| 5.6880324 | 32.670827 | -117.121213 | 5.85486111 | 32.67144 | -117.11932 | 6.02431713 | 32.67296 | -117.116347 |
| 5.6882060 | 32.670833 | -117.121187 | 5.85503472 | 32.67145 | -117.11932 | 6.02449074 | 32.67296 | -117.116347 |
| 5.6887153 | 32.670840 | -117.121147 | 5.85520833 | 32.67145 | -117.11932 | 6.02466435 | 32.67296 | -117.116347 |
| 5.6888889 | 32.670850 | -117.121120 | 5.85539352 | 32.67145 | -117.11932 | 6.02483796 | 32.67296 | -117.116347 |
| 5.6890625 | 32.670863 | -117.121120 | 5.85556713 | 32.67145 | -117.11932 | 6.02501157 | 32.67296 | -117.116347 |
| 5.6892477 | 32.670873 | -117.121107 | 5.85574074 | 32.67145 | -117.11932 | 6.02518519 | 32.67296 | -117.116347 |
| 5.6894213 | 32.670877 | -117.121080 | 5.85590278 | 32.67145 | -117.11932 | 6.0253588 | 32.67296 | -117.116347 |
| 5.6895949 | 32.670883 | -117.121067 | 5.85607639 | 32.67145 | -117.11932 | 6.02553241 | 32.67296 | -117.116347 |
| 5.6897569 | 32.670900 | -117.121067 | 5.85626157 | 32.67146 | -117.11932 | 6.02570602 | 32.67297 | -117.116347 |
| 5.6899306 | 32.670900 | -117.121013 | 5.85643519 | 32.67146 | -117.11932 | 6.02587963 | 32.67298 | -117.116347 |
| 5.6901042 | 32.670877 | -117.121000 | 5.8566088 | 32.67145 | -117.11932 | 6.02642361 | 32.67298 | -117.116347 |
| 5.6902778 | 32.670877 | -117.121000 | 5.85677083 | 32.67146 | -117.11932 | 6.02657407 | 32.67298 | -117.116347 |
| 5.6904630 | 32.670893 | -117.120973 | 5.85694444 | 32.67146 | -117.11932 | 6.02673611 | 32.67298 | -117.116347 |
| 5.6906366 | 32.670890 | -117.120960 | 5.85711806 | 32.67147 | -117.119307 | 6.02690972 | 32.67298 | -117.116347 |
| 5.6908102 | 32.670903 | -117.120947 | 5.85730324 | 32.67148 | -117.119293 | 6.02708333 | 32.67298 | -117.116347 |
| 5.6909838 | 32.670907 | -117.120933 | 5.85747685 | 32.67148 | -117.119293 | 6.02725694 | 32.67298 | -117.116347 |
| 5.6911458 | 32.670930 | -117.120920 | 5.85765046 | 32.67149 | -117.119293 | 6.02743056 | 32.67298 | -117.116347 |
| 5.6913194 | 32.670937 | -117.120920 | 5.8578125 | 32.67149 | -117.119293 | 6.02760417 | 32.67298 | -117.116347 |
| 5.6914931 | 32.670943 | -117.120880 | 5.85798611 | 32.67149 | -117.119293 | 6.02778935 | 32.67298 | -117.116347 |
| 5.6916667 | 32.670963 | -117.120880 | 5.85815972 | 32.6715 | -117.119293 | 6.02796296 | 32.67298 | -117.116347 |
| 5.6918519 | 32.670963 | -117.120867 | 5.85903935 | 32.6715 | -117.119267 | 6.02813657 | 32.67298 | -117.116347 |
| 5.6920255 | 32.670973 | -117.120853 | 5.85921296 | 32.6715 | -117.119267 | 6.02831019 | 32.67293 | -117.116347 |
| 5.6935764 | 32.671000 | -117.120733 | 5.85938657 | 32.6715 | -117.119267 | 6.0284838 | 32.67286 | -117.11636 |
| 5.6937500 | 32.671007 | -117.120720 | 5.85954861 | 32.6715 | -117.119267 | 6.02865741 | 32.67284 | -117.116427 |
| 5.6939236 | 32.671007 | -117.120720 | 5.85972222 | 32.6715 | -117.119267 | 6.02883102 | 32.67285 | -117.116493 |
| 5.6940972 | 32.671007 | -117.120693 | 5.85989583 | 32.6715 | -117.119267 | 6.02899306 | 32.6729 | -117.116547 |
| 5.6942708 | 32.671020 | -117.120693 | 5.86006944 | 32.6715 | -117.119267 | 6.02916667 | 32.67292 | -117.1166 |
| 5.6944560 | 32.671030 | -117.120653 | 5.86025463 | 32.6715 | -117.119267 | 6.02934028 | 32.67291 | -117.1166 |
| 5.6946296 | 32.671037 | -117.120653 | 5.86042824 | 32.6715 | -117.119267 | 6.02951389 | 32.67291 | -117.1166 |
| 5.6948032 | 32.671043 | -117.120640 | 5.86060185 | 32.6715 | -117.119267 | 6.03021991 | 32.6729 | -117.1166 |
| 5.6949769 | 32.671060 | -117.120627 | 5.86076389 | 32.6715 | -117.119267 | 6.03038194 | 32.6729 | -117.1166 |
| 5.6951505 | 32.671067 | -117.120600 | 5.8609375 | 32.6715 | -117.119267 | 6.03055556 | 32.6729 | -117.1166 |
| 5.6953241 | 32.671070 | -117.120600 | 5.86112269 | 32.6715 | -117.119267 | 6.03072917 | 32.6729 | -117.1166 |
| 5.6954861 | 32.671073 | -117.120587 | 5.8612963 | 32.6715 | -117.119267 | 6.03090278 | 32.6729 | -117.1166 |
| 5.6956597 | 32.671077 | -117.120573 | 5.86146991 | 32.67151 | -117.119253 | 6.03107639 | 32.67291 | -117.1166 |
| 5.6958333 | 32.671093 | -117.120560 | 5.86163194 | 32.67152 | -117.119253 | 6.03126157 | 32.67291 | -117.1166 |
| 5.6960069 | 32.671090 | -117.120547 | 5.86180556 | 32.67152 | -117.119253 | 6.03143519 | 32.67291 | -117.116587 |
| 5.6961806 | 32.671093 | -117.120547 | 5.86202546 | 32.67152 | -117.119253 | 6.0316088 | 32.67291 | -117.116587 |
| 5.6963657 | 32.671097 | -117.120547 | 5.86216435 | 32.67153 | -117.119253 | 6.03178241 | 32.67292 | -117.116587 |
| 5.6965394 | 32.671103 | -117.120520 | 5.86233796 | 32.67153 | -117.119253 | 6.03194444 | 32.67292 | -117.116587 |
| 5.6967130 | 32.671103 | -117.120520 | 5.86475694 | 32.6716 | -117.1192 | 6.03211806 | 32.67292 | -117.116587 |
| 5.6968750 | 32.671107 | -117.120507 | 5.86493056 | 32.6716 | -117.1192 | 6.03230324 | 32.67292 | -117.116587 |
| 5.6984491 | 32.670997 | -117.120400 | 5.86510417 | 32.67161 | -117.1192 | 6.03247685 | 32.67292 | -117.116587 |
| 5.6986227 | 32.670973 | -117.120400 | 5.86528935 | 32.67161 | -117.1192 | 6.03265046 | 32.67292 | -117.116573 |
| 5.6987963 | 32.670963 | -117.120400 | 5.86546296 | 32.67161 | -117.1192 | 6.0328125 | 32.67292 | -117.116573 |
| 5.6989583 | 32.670947 | -117.120400 | 5.86563657 | 32.67161 | -117.1192 | 6.03298611 | 32.67292 | -117.116573 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6991319 | 32.670927 | -117.120400 | 5.86581019 | 32.67161 | -117.1192 | 6.03315972 | 32.67291 | -117.116573 |
| 5.6993171 | 32.670910 | -117.120373 | 5.86597222 | 32.67161 | -117.1192 | 6.03334491 | 32.67291 | -117.116547 |
| 5.6994907 | 32.670883 | -117.120360 | 5.86614583 | 32.67161 | -117.1192 | 6.03351852 | 32.67291 | -117.116547 |
| 5.6996644 | 32.670877 | -117.120347 | 5.86631944 | 32.67161 | -117.1192 | 6.03402778 | 32.67291 | -117.116547 |
| 5.6998380 | 32.670867 | -117.120333 | 5.86650463 | 32.67161 | -117.1192 | 6.03420139 | 32.67291 | -117.116547 |
| 5.7000116 | 32.670857 | -117.120307 | 5.86667824 | 32.67161 | -117.1192 | 6.03438657 | 32.67291 | -117.116533 |
| 5.7001852 | 32.670827 | -117.120307 | 5.86684028 | 32.67161 | -117.1192 | 6.03456019 | 32.67291 | -117.116533 |
| 5.7003472 | 32.670820 | -117.120280 | 5.86701389 | 32.67162 | -117.1192 | 6.0347338 | 32.67291 | -117.116533 |
| 5.7005208 | 32.670803 | -117.120280 | 5.8671875 | 32.67162 | -117.1192 | 6.03490741 | 32.67291 | -117.116533 |
| 5.7006944 | 32.670790 | -117.120267 | 5.86737269 | 32.67162 | -117.1192 | 6.03508102 | 32.6729 | -117.116533 |
| 5.7008681 | 32.670783 | -117.120267 | 5.8675463 | 32.67162 | -117.1192 | 6.03525463 | 32.6729 | -117.116533 |
| 5.7010532 | 32.670773 | -117.120267 | 5.86771991 | 32.67162 | -117.1192 | 6.03542824 | 32.6729 | -117.116533 |
| 5.7012269 | 32.670767 | -117.120267 | 5.86788194 | 32.67162 | -117.1192 | 6.03560185 | 32.67291 | -117.11652 |
| 5.7014005 | 32.670740 | -117.120267 | 5.86805556 | 32.67162 | -117.1192 | 6.03577546 | 32.6729 | -117.11652 |
| 5.7015741 | 32.670730 | -117.120267 | 5.87001157 | 32.67167 | -117.11912 | 6.03594907 | 32.6729 | -117.116493 |
| 5.7017477 | 32.670730 | -117.120267 | 5.87013889 | 32.67167 | -117.11912 | 6.03612269 | 32.67289 | -117.116493 |
| 5.7022569 | 32.670673 | -117.120347 | 5.8703125 | 32.67168 | -117.11912 | 6.0362963 | 32.67289 | -117.116493 |
| 5.7024306 | 32.670673 | -117.120360 | 5.87048611 | 32.67168 | -117.11912 | 6.03646991 | 32.67289 | -117.116493 |
| 5.7026042 | 32.670663 | -117.120360 | 5.8706713 | 32.67168 | -117.11912 | 6.03664352 | 32.6729 | -117.116467 |
| 5.7027778 | 32.670653 | -117.120400 | 5.87084491 | 32.67168 | -117.11912 | 6.03681713 | 32.6729 | -117.116467 |
| 5.7029514 | 32.670633 | -117.120413 | 5.87101852 | 32.67168 | -117.11912 | 6.03699074 | 32.6729 | -117.116453 |
| 5.7031366 | 32.670617 | -117.120427 | 5.87118056 | 32.67168 | -117.11912 | 6.03716435 | 32.67291 | -117.11644 |
| 5.7033102 | 32.670600 | -117.120427 | 5.87135417 | 32.67168 | -117.11912 | 6.03733796 | 32.67292 | -117.11644 |
| 5.7034838 | 32.670577 | -117.120453 | 5.87152778 | 32.67168 | -117.11912 | 6.03854167 | 32.67295 | -117.116387 |
| 5.7036458 | 32.670570 | -117.120453 | 5.87170139 | 32.67169 | -117.11912 | 6.03871528 | 32.67294 | -117.116387 |
| 5.7038194 | 32.670563 | -117.120453 | 5.87188657 | 32.67169 | -117.11912 | 6.03888889 | 32.67295 | -117.116387 |
| 5.7039931 | 32.670557 | -117.120493 | 5.87206019 | 32.67169 | -117.119107 | 6.0390625 | 32.67295 | -117.116387 |
| 5.7041782 | 32.670550 | -117.120520 | 5.8722338 | 32.67169 | -117.119107 | 6.03923611 | 32.67295 | -117.11636 |
| 5.7043519 | 32.670540 | -117.120520 | 5.87239583 | 32.67169 | -117.119107 | 6.03940972 | 32.67294 | -117.11636 |
| 5.7045255 | 32.670527 | -117.120547 | 5.87256944 | 32.67169 | -117.119107 | 6.03958333 | 32.67295 | -117.116347 |
| 5.7046875 | 32.670503 | -117.120547 | 5.87275463 | 32.67169 | -117.119093 | 6.03975694 | 32.67295 | -117.116347 |
| 5.7048611 | 32.670490 | -117.120573 | 5.87292824 | 32.67169 | -117.119093 | 6.03993056 | 32.67295 | -117.116347 |
| 5.7050347 | 32.670483 | -117.120600 | 5.87310185 | 32.6717 | -117.119093 | 6.04010417 | 32.67295 | -117.116347 |
| 5.7052199 | 32.670467 | -117.120627 | 5.87326389 | 32.6717 | -117.119093 | 6.04027778 | 32.67295 | -117.116347 |
| 5.7053935 | 32.670460 | -117.120653 | 5.87378472 | 32.6717 | -117.11908 | 6.04045139 | 32.67293 | -117.116347 |
| 5.7055671 | 32.670440 | -117.120667 | 5.87395833 | 32.6717 | -117.11908 | 6.040625 | 32.67293 | -117.116347 |
| 5.7060764 | 32.670403 | -117.120733 | 5.87413194 | 32.6717 | -117.11908 | 6.04079861 | 32.67292 | -117.116347 |
| 5.7062500 | 32.670393 | -117.120733 | 5.87431713 | 32.6717 | -117.11908 | 6.04097222 | 32.67296 | -117.116347 |
| 5.7064352 | 32.670383 | -117.120747 | 5.87449074 | 32.6717 | -117.11908 | 6.04114583 | 32.67294 | -117.116347 |
| 5.7066088 | 32.670367 | -117.120787 | 5.87465278 | 32.67171 | -117.119053 | 6.04131944 | 32.67291 | -117.116347 |
| 5.7067824 | 32.670353 | -117.120800 | 5.87482639 | 32.67172 | -117.119053 | 6.04149306 | 32.6729 | -117.11632 |
| 5.7069560 | 32.670347 | -117.120813 | 5.87501157 | 32.67173 | -117.119053 | 6.04166667 | 32.67289 | -117.11632 |
| 5.7071181 | 32.670337 | -117.120840 | 5.87518519 | 32.67173 | -117.11904 | 6.04184028 | 32.67289 | -117.11632 |
| 5.7072917 | 32.670317 | -117.120853 | 5.8753588 | 32.67174 | -117.119027 | 6.04219907 | 32.67289 | -117.116307 |
| 5.7074653 | 32.670310 | -117.120867 | 5.87552083 | 32.67174 | -117.119027 | 6.04237269 | 32.67289 | -117.116293 |
| 5.7076505 | 32.670300 | -117.120880 | 5.87569444 | 32.67174 | -117.119027 | 6.0425463 | 32.67288 | -117.116293 |
| 5.7078241 | 32.670287 | -117.120920 | 5.87587963 | 32.67175 | -117.119013 | 6.04271991 | 32.67288 | -117.116293 |
| 5.7079977 | 32.670293 | -117.120933 | 5.87605324 | 32.67176 | -117.119013 | 6.04289352 | 32.67289 | -117.116293 |
| 5.7081713 | 32.670297 | -117.120960 | 5.87622685 | 32.67176 | -117.119 | 6.04306713 | 32.67289 | -117.116293 |
| 5.7083333 | 32.670277 | -117.120973 | 5.87638889 | 32.67176 | -117.119 | 6.04324074 | 32.67288 | -117.116293 |
| 5.7085069 | 32.670263 | -117.121000 | 5.8765625 | 32.67176 | -117.119 | 6.04341435 | 32.67289 | -117.11632 |
| 5.7086806 | 32.670267 | -117.121027 | 5.87674769 | 32.67176 | -117.119 | 6.04358796 | 32.67288 | -117.11632 |
| 5.7088657 | 32.670247 | -117.121067 | 5.8769213 | 32.67177 | -117.119 | 6.04376157 | 32.67288 | -117.11632 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7090394 | 32.670243 | -117.121067 | 5.87709491 | 32.67177 | -117.119 | 6.04393519 | 32.67287 | -117.11632 |
| 5.7092130 | 32.670237 | -117.121093 | 5.87760417 | 32.67177 | -117.119 | 6.0441088 | 32.67288 | -117.116307 |
| 5.7099074 | 32.670207 | -117.121187 | 5.87778935 | 32.67178 | -117.11896 | 6.04428241 | 32.67288 | -117.116307 |
| 5.7100694 | 32.670200 | -117.121213 | 5.87796296 | 32.67178 | -117.11896 | 6.04445602 | 32.67288 | -117.116307 |
| 5.7102431 | 32.670200 | -117.121213 | 5.87813657 | 32.67178 | -117.11896 | 6.04462963 | 32.67288 | -117.116307 |
| 5.7104167 | 32.670187 | -117.121213 | 5.87829861 | 32.67179 | -117.11896 | 6.04480324 | 32.67287 | -117.11632 |
| 5.7105903 | 32.670187 | -117.121227 | 5.87847222 | 32.67179 | -117.11896 | 6.04497685 | 32.67287 | -117.11632 |
| 5.7107755 | 32.670187 | -117.121267 | 5.87864583 | 32.67179 | -117.118947 | 6.04515046 | 32.67287 | -117.11632 |
| 5.7109491 | 32.670177 | -117.121267 | 5.87883102 | 32.67179 | -117.118947 | 6.04532407 | 32.67287 | -117.11632 |
| 5.7111227 | 32.670177 | -117.121320 | 5.87900463 | 32.67179 | -117.118947 | 6.04549769 | 32.67287 | -117.11632 |
| 5.7112847 | 32.670177 | -117.121333 | 5.87917824 | 32.67179 | -117.118947 | 6.04584491 | 32.67287 | -117.11632 |
| 5.7114583 | 32.670177 | -117.121360 | 5.87934028 | 32.67179 | -117.118947 | 6.04601852 | 32.67287 | -117.11632 |
| 5.7116319 | 32.670183 | -117.121360 | 5.87951389 | 32.67179 | -117.118947 | 6.04619213 | 32.67287 | -117.11632 |
| 5.7118056 | 32.670187 | -117.121373 | 5.87969907 | 32.67179 | -117.118933 | 6.04636574 | 32.67287 | -117.11632 |
| 5.7119792 | 32.670187 | -117.121400 | 5.87987269 | 32.6718 | -117.118933 | 6.04653935 | 32.67287 | -117.11632 |
| 5.7121644 | 32.670190 | -117.121413 | 5.8800463 | 32.6718 | -117.118907 | 6.04671296 | 32.67287 | -117.11632 |
| 5.7123380 | 32.670193 | -117.121413 | 5.88021991 | 32.6718 | -117.118907 | 6.04688657 | 32.67287 | -117.11632 |
| 5.7125116 | 32.670200 | -117.121440 | 5.88039352 | 32.6718 | -117.118907 | 6.04706019 | 32.67287 | -117.11632 |
| 5.7126852 | 32.670200 | -117.121453 | 5.88055556 | 32.6718 | -117.118907 | 6.0472338 | 32.67287 | -117.11632 |
| 5.7128472 | 32.670203 | -117.121467 | 5.88072917 | 32.6718 | -117.118907 | 6.04740741 | 32.67287 | -117.11632 |
| 5.7130208 | 32.670220 | -117.121480 | 5.88090278 | 32.6718 | -117.118907 | 6.04758102 | 32.67287 | -117.11632 |
| 5.7131944 | 32.670220 | -117.121507 | 5.88143519 | 32.67181 | -117.118867 | 6.04775463 | 32.67287 | -117.11632 |
| 5.7140741 | 32.670223 | -117.121600 | 5.88159722 | 32.67182 | -117.118853 | 6.04792824 | 32.67287 | -117.11632 |
| 5.7142477 | 32.670230 | -117.121627 | 5.88177083 | 32.67183 | -117.118813 | 6.04810185 | 32.67287 | -117.11632 |
| 5.7144213 | 32.670237 | -117.121653 | 5.88194444 | 32.67184 | -117.118813 | 6.04827546 | 32.67287 | -117.11632 |
| 5.7145949 | 32.670240 | -117.121667 | 5.88211806 | 32.67184 | -117.1188 | 6.04844907 | 32.67287 | -117.11632 |
| 5.7147685 | 32.670230 | -117.121680 | 5.88230324 | 32.67185 | -117.1188 | 6.04862269 | 32.67287 | -117.11632 |
| 5.7149306 | 32.670230 | -117.121707 | 5.88247685 | 32.67185 | -117.1188 | 6.0487963 | 32.67287 | -117.11632 |
| 5.7151042 | 32.670240 | -117.121733 | 5.88265046 | 32.67185 | -117.1188 | 6.04896991 | 32.67287 | -117.11632 |
| 5.7152778 | 32.670237 | -117.121747 | 5.88282407 | 32.67185 | -117.118787 | 6.04914352 | 32.67287 | -117.11632 |
| 5.7154514 | 32.670250 | -117.121760 | 5.88298611 | 32.67185 | -117.118787 | 6.04983796 | 32.67287 | -117.11632 |
| 5.7156366 | 32.670247 | -117.121773 | 5.88315972 | 32.67185 | -117.118787 | 6.05001157 | 32.67287 | -117.11632 |
| 5.7158102 | 32.670277 | -117.121800 | 5.88333333 | 32.67185 | -117.118787 | 6.05018519 | 32.67287 | -117.11632 |
| 5.7159838 | 32.670280 | -117.121800 | 5.88351852 | 32.67185 | -117.11876 | 6.0503588 | 32.67287 | -117.11632 |
| 5.7161574 | 32.670287 | -117.121800 | 5.88369213 | 32.67186 | -117.11876 | 6.05053241 | 32.67287 | -117.11632 |
| 5.7163194 | 32.670313 | -117.121827 | 5.88386574 | 32.67186 | -117.118747 | 6.05070602 | 32.67287 | -117.11632 |
| 5.7164931 | 32.670303 | -117.121853 | 5.88402778 | 32.67186 | -117.118747 | 6.05087963 | 32.67287 | -117.11632 |
| 5.7166667 | 32.670310 | -117.121853 | 5.88420139 | 32.67187 | -117.118747 | 6.05105324 | 32.67287 | -117.11632 |
| 5.7168519 | 32.670317 | -117.121853 | 5.8844213 | 32.67187 | -117.118747 | 6.05122685 | 32.67286 | -117.116347 |
| 5.7170255 | 32.670317 | -117.121880 | 5.88456019 | 32.67187 | -117.118747 | 6.05140046 | 32.67286 | -117.116347 |
| 5.7171991 | 32.670323 | -117.121880 | 5.8847338 | 32.67187 | -117.118747 | 6.05157407 | 32.67285 | -117.116347 |
| 5.7173611 | 32.670337 | -117.121920 | 5.88524306 | 32.67188 | -117.11872 | 6.05174769 | 32.67285 | -117.116347 |
| 5.7177199 | 32.670353 | -117.121920 | 5.88541667 | 32.67188 | -117.118707 | 6.0519213 | 32.67287 | -117.11632 |
| 5.7178935 | 32.670360 | -117.121947 | 5.88560185 | 32.67189 | -117.11868 | 6.05209491 | 32.67287 | -117.11632 |
| 5.7180671 | 32.670377 | -117.121947 | 5.88577546 | 32.6719 | -117.11868 | 6.05226852 | 32.67287 | -117.11632 |
| 5.7182407 | 32.670383 | -117.121947 | 5.88594907 | 32.6719 | -117.118667 | 6.05244213 | 32.67287 | -117.11632 |
| 5.7184028 | 32.670387 | -117.121973 | 5.88611111 | 32.67192 | -117.118613 | 6.05261574 | 32.67287 | -117.11632 |
| 5.7185764 | 32.670393 | -117.121987 | 5.88628472 | 32.67192 | -117.118613 | 6.05278935 | 32.67287 | -117.11632 |
| 5.7187616 | 32.670403 | -117.121987 | 5.88645833 | 32.67192 | -117.1186 | 6.05296296 | 32.67287 | -117.11632 |
| 5.7189352 | 32.670407 | -117.122000 | 5.88664352 | 32.67194 | -117.11856 | 6.05313657 | 32.67287 | -117.11632 |
| 5.7190972 | 32.670417 | -117.122000 | 5.88681713 | 32.67194 | -117.11856 | 6.05365741 | 32.67287 | -117.11632 |
| 5.7192708 | 32.670423 | -117.122000 | 5.88699074 | 32.67195 | -117.118533 | 6.05383102 | 32.67287 | -117.11632 |
| 5.7194444 | 32.670427 | -117.122027 | 5.88716435 | 32.67195 | -117.11852 | 6.05400463 | 32.67287 | -117.11632 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7196296 | 32.670430 | -117.122040 | 5.88733796 | 32.67197 | -117.118467 | 6.05417824 | 32.67287 | -117.11632 |
| 5.7198032 | 32.670440 | -117.122053 | 5.8875 | 32.67198 | -117.118467 | 6.05435185 | 32.67287 | -117.11632 |
| 5.71997685 | 32.67044 | -117.122067 | 5.88767361 | 32.67199 | -117.118453 | 6.05452546 | 32.67287 | -117.11632 |
| 5.72015046 | 32.67045 | -117.12208 | 5.88784722 | 32.67201 | -117.11844 | 6.05469907 | 32.67287 | -117.11632 |
| 5.7203125 | 32.67045 | -117.12208 | 5.88802083 | 32.67201 | -117.118427 | 6.05487269 | 32.67287 | -117.11632 |
| 5.72048611 | 32.67046 | -117.12208 | 5.88820602 | 32.67202 | -117.118413 | 6.0550463 | 32.67287 | -117.11632 |
| 5.72065972 | 32.67048 | -117.122107 | 5.88837963 | 32.67203 | -117.118387 | 6.05521991 | 32.67287 | -117.11632 |
| 5.72083333 | 32.67048 | -117.12212 | 5.88855324 | 32.67204 | -117.118387 | 6.05539352 | 32.67287 | -117.11632 |
| 5.72101852 | 32.6705 | -117.12212 | 5.88944444 | 32.67206 | -117.118347 | 6.05556713 | 32.67287 | -117.11632 |
| 5.72152778 | 32.67051 | -117.122173 | 5.88958333 | 32.67206 | -117.118347 | 6.05574074 | 32.67287 | -117.11632 |
| 5.72170139 | 32.67051 | -117.122173 | 5.88975694 | 32.67206 | -117.118347 | 6.05591435 | 32.67287 | -117.116347 |
| 5.721875 | 32.67052 | -117.122173 | 5.88994213 | 32.67206 | -117.118347 | 6.05608796 | 32.67287 | -117.116347 |
| 5.72206019 | 32.67053 | -117.122187 | 5.89011574 | 32.67206 | -117.118347 | 6.05626157 | 32.67287 | -117.11632 |
| 5.7222338 | 32.67052 | -117.1222 | 5.89028935 | 32.67206 | -117.118347 | 6.05643519 | 32.67287 | -117.116347 |
| 5.72240741 | 32.67052 | -117.122213 | 5.89045139 | 32.67207 | -117.118333 | 6.0566088 | 32.67287 | -117.11632 |
| 5.72258102 | 32.67052 | -117.122213 | 5.890625 | 32.67207 | -117.118333 | 6.05678241 | 32.67286 | -117.116307 |
| 5.72275463 | 32.67053 | -117.122227 | 5.89079861 | 32.67208 | -117.118307 | 6.05695602 | 32.67285 | -117.11632 |
| 5.72292824 | 32.67053 | -117.122227 | 5.8909838 | 32.67209 | -117.11828 | 6.05747685 | 32.67282 | -117.11628 |
| 5.72309028 | 32.67053 | -117.122253 | 5.89115741 | 32.6721 | -117.11828 | 6.05765046 | 32.67283 | -117.11628 |
| 5.72326389 | 32.67053 | -117.122267 | 5.89133102 | 32.67211 | -117.118267 | 6.05782407 | 32.67284 | -117.11628 |
| 5.7234375 | 32.67054 | -117.12228 | 5.89150463 | 32.67213 | -117.11824 | 6.05799769 | 32.67285 | -117.11628 |
| 5.72361111 | 32.67055 | -117.122293 | 5.89166667 | 32.67214 | -117.11824 | 6.0581713 | 32.67285 | -117.116253 |
| 5.7237963 | 32.67055 | -117.12232 | 5.89184028 | 32.67215 | -117.118213 | 6.05834491 | 32.67285 | -117.116253 |
| 5.72396991 | 32.67056 | -117.122347 | 5.89201389 | 32.67216 | -117.118213 | 6.05851852 | 32.67285 | -117.116253 |
| 5.72414352 | 32.67058 | -117.122347 | 5.89219907 | 32.67217 | -117.1182 | 6.05869213 | 32.67285 | -117.116253 |
| 5.72430556 | 32.67059 | -117.12236 | 5.89237269 | 32.67218 | -117.118187 | 6.05886574 | 32.67285 | -117.11628 |
| 5.72447917 | 32.67059 | -117.122373 | 5.8925463 | 32.67218 | -117.118187 | 6.05903935 | 32.67286 | -117.11628 |
| 5.72466435 | 32.67058 | -117.1224 | 5.89271991 | 32.6722 | -117.118147 | 6.05921296 | 32.67285 | -117.11628 |
| 5.72483796 | 32.67059 | -117.122413 | 5.89324074 | 32.67222 | -117.118093 | 6.05938657 | 32.67285 | -117.11628 |
| 5.7253588 | 32.67061 | -117.122467 | 5.89341435 | 32.67224 | -117.11808 | 6.05956019 | 32.67285 | -117.11628 |
| 5.72553241 | 32.67062 | -117.12248 | 5.89358796 | 32.67225 | -117.118067 | 6.0597338 | 32.67285 | -117.11628 |
| 5.72570602 | 32.67061 | -117.122493 | 5.89375 | 32.67225 | -117.118053 | 6.05990741 | 32.67285 | -117.11628 |
| 5.72586806 | 32.67062 | -117.122493 | 5.89392361 | 32.67225 | -117.11804 | 6.06008102 | 32.67285 | -117.116293 |
| 5.72604167 | 32.67063 | -117.122507 | 5.89409722 | 32.67225 | -117.118013 | 6.06025463 | 32.67284 | -117.116293 |
| 5.72621528 | 32.67063 | -117.12252 | 5.89427083 | 32.67225 | -117.118 | 6.06042824 | 32.67283 | -117.116347 |
| 5.72640046 | 32.67064 | -117.12252 | 5.89445602 | 32.67226 | -117.117987 | 6.06060185 | 32.67284 | -117.116347 |
| 5.72657407 | 32.67065 | -117.12252 | 5.89462963 | 32.67226 | -117.117973 | 6.06077546 | 32.67284 | -117.116347 |
| 5.72674769 | 32.67065 | -117.122547 | 5.89480324 | 32.67227 | -117.117947 | 6.06145833 | 32.67283 | -117.116347 |
| 5.7269213 | 32.67065 | -117.122587 | 5.89496528 | 32.67228 | -117.117933 | 6.06163194 | 32.67285 | -117.116347 |
| 5.72708333 | 32.67066 | -117.122587 | 5.89513889 | 32.67228 | -117.117933 | 6.06180556 | 32.67285 | -117.11632 |
| 5.72725694 | 32.67066 | -117.122587 | 5.8953125 | 32.67228 | -117.11792 | 6.06197917 | 32.67285 | -117.116347 |
| 5.72743056 | 32.67064 | -117.122613 | 5.89549769 | 32.67229 | -117.117907 | 6.06215278 | 32.67285 | -117.11632 |
| 5.72761574 | 32.67064 | -117.122653 | 5.8956713 | 32.6723 | -117.117893 | 6.06232639 | 32.67287 | -117.11632 |
| 5.72778935 | 32.67066 | -117.122667 | 5.89583333 | 32.67231 | -117.117867 | 6.0625 | 32.67287 | -117.116347 |
| 5.72796296 | 32.67067 | -117.122667 | 5.89600694 | 32.67233 | -117.117827 | 6.06267361 | 32.67287 | -117.11636 |
| 5.72813657 | 32.67067 | -117.12272 | 5.89619213 | 32.67233 | -117.1178 | 6.0628588 | 32.67287 | -117.116347 |
| 5.72831019 | 32.67067 | -117.122733 | 5.89636574 | 32.67234 | -117.1178 | 6.06303241 | 32.67289 | -117.116347 |
| 5.7284838 | 32.67069 | -117.12276 | 5.89652778 | 32.67235 | -117.117787 | 6.06320602 | 32.67288 | -117.11632 |
| 5.72865741 | 32.67069 | -117.12276 | 5.89706019 | 32.67239 | -117.117747 | 6.06337963 | 32.67289 | -117.11632 |
| 5.72916667 | 32.6707 | -117.122813 | 5.89722222 | 32.67239 | -117.117747 | 6.06355324 | 32.6729 | -117.116347 |
| 5.72934028 | 32.67069 | -117.122813 | 5.89739583 | 32.6724 | -117.117747 | 6.06372685 | 32.6729 | -117.11632 |
| 5.72951389 | 32.6707 | -117.122853 | 5.89756944 | 32.67241 | -117.11772 | 6.06390046 | 32.6729 | -117.11632 |
| 5.7296875 | 32.67071 | -117.122867 | 5.89774306 | 32.67242 | -117.117693 | 6.06407407 | 32.6729 | -117.11632 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72987269 | 32.67071 | -117.122907 | 5.89792824 | 32.67242 | -117.11768 | 6.06424769 | 32.6729 | -117.11632 |
| 5.7300463 | 32.67071 | -117.122907 | 5.89810185 | 32.67243 | -117.11768 | 6.0644213 | 32.6729 | -117.11632 |
| 5.73021991 | 32.67072 | -117.12292 | 5.89826389 | 32.67243 | -117.117653 | 6.06459491 | 32.67289 | -117.11632 |
| 5.73038194 | 32.67072 | -117.122933 | 5.8984375 | 32.67244 | -117.117653 | 6.06476852 | 32.67289 | -117.11632 |
| 5.73055556 | 32.67072 | -117.122947 | 5.89861111 | 32.67244 | -117.117653 | 6.06510417 | 32.67287 | -117.11632 |
| 5.73072917 | 32.67072 | -117.12296 | 5.8987963 | 32.67246 | -117.11764 | 6.06527778 | 32.67287 | -117.11632 |
| 5.73091435 | 32.67072 | -117.122987 | 5.89896991 | 32.67247 | -117.117653 | 6.06545139 | 32.67287 | -117.11632 |
| 5.73108796 | 32.67072 | -117.123 | 5.89914352 | 32.67247 | -117.117653 | 6.065625 | 32.67287 | -117.11632 |
| 5.73126157 | 32.67072 | -117.123013 | 5.89931713 | 32.67248 | -117.117653 | 6.06579861 | 32.67287 | -117.11632 |
| 5.73142361 | 32.67072 | -117.123053 | 5.89947917 | 32.67248 | -117.117627 | 6.06597222 | 32.67287 | -117.11632 |
| 5.73159722 | 32.67071 | -117.123067 | 5.89965278 | 32.67249 | -117.117613 | 6.06614583 | 32.67287 | -117.11632 |
| 5.73177083 | 32.67071 | -117.12308 | 5.89982639 | 32.67249 | -117.117613 | 6.06633102 | 32.67287 | -117.11632 |
| 5.73195602 | 32.67071 | -117.123093 | 5.9 | 32.6725 | -117.1176 | 6.06650463 | 32.67287 | -117.11632 |
| 5.73212963 | 32.67071 | -117.123107 | 5.90018519 | 32.6725 | -117.1176 | 6.06667824 | 32.67287 | -117.11632 |
| 5.73230324 | 32.6707 | -117.123133 | 5.9003588 | 32.6725 | -117.1176 | 6.06685185 | 32.67287 | -117.11632 |
| 5.73247685 | 32.6707 | -117.123147 | 5.90086806 | 32.67252 | -117.1176 | 6.06702546 | 32.67287 | -117.11632 |
| 5.73315972 | 32.67068 | -117.123213 | 5.90105324 | 32.67252 | -117.11756 | 6.06719907 | 32.67287 | -117.11632 |
| 5.73333333 | 32.67068 | -117.123227 | 5.90122685 | 32.67253 | -117.117547 | 6.06737269 | 32.67287 | -117.11632 |
| 5.73350694 | 32.67067 | -117.123253 | 5.90140046 | 32.67254 | -117.117533 | 6.0675463 | 32.67287 | -117.11632 |
| 5.73369213 | 32.67067 | -117.12328 | 5.90157407 | 32.67255 | -117.117507 | 6.06771991 | 32.67287 | -117.11632 |
| 5.73386574 | 32.67067 | -117.123307 | 5.90174769 | 32.67255 | -117.117493 | 6.06789352 | 32.67287 | -117.11632 |
| 5.73403935 | 32.67067 | -117.123333 | 5.90190972 | 32.67255 | -117.11748 | 6.06806713 | 32.67287 | -117.11632 |
| 5.73421296 | 32.67067 | -117.123333 | 5.90208333 | 32.67256 | -117.11748 | 6.06824074 | 32.67287 | -117.11632 |
| 5.73438657 | 32.67067 | -117.123387 | 5.90225694 | 32.67256 | -117.117467 | 6.06841435 | 32.67287 | -117.11632 |
| 5.73456019 | 32.67068 | -117.1234 | 5.90244213 | 32.67257 | -117.117453 | 6.07049769 | 32.67287 | -117.11632 |
| 5.7347338 | 32.67067 | -117.123427 | 5.90261574 | 32.67257 | -117.117413 | 6.0706713 | 32.67287 | -117.11632 |
| 5.73489583 | 32.67068 | -117.123453 | 5.90278935 | 32.67258 | -117.1174 | 6.07084491 | 32.67287 | -117.11632 |
| 5.73506944 | 32.67068 | -117.123467 | 5.90295139 | 32.67258 | -117.117387 | 6.07101852 | 32.67287 | -117.11632 |
| 5.73524306 | 32.67067 | -117.12348 | 5.903125 | 32.67259 | -117.117387 | 6.07119213 | 32.67287 | -117.11632 |
| 5.73546296 | 32.67067 | -117.12352 | 5.90329861 | 32.6726 | -117.11736 | 6.07136574 | 32.67287 | -117.11632 |
| 5.73560185 | 32.67067 | -117.12352 | 5.9034838 | 32.6726 | -117.11736 | 6.07153935 | 32.67287 | -117.11632 |
| 5.73577546 | 32.67068 | -117.123533 | 5.90365741 | 32.6726 | -117.117347 | 6.07171296 | 32.67287 | -117.11632 |
| 5.73594907 | 32.67067 | -117.123573 | 5.90383102 | 32.67261 | -117.117333 | 6.07188657 | 32.67287 | -117.11632 |
| 5.73611111 | 32.67067 | -117.123587 | 5.90400463 | 32.67261 | -117.117333 | 6.07206019 | 32.67287 | -117.11632 |
| 5.73628472 | 32.67067 | -117.1236 | 5.90417824 | 32.67262 | -117.11732 | 6.0722338 | 32.67287 | -117.11632 |
| 5.73645833 | 32.67067 | -117.123613 | 5.9046875 | 32.67263 | -117.11728 | 6.07240741 | 32.67287 | -117.11632 |
| 5.736875 | 32.67067 | -117.123667 | 5.90486111 | 32.67264 | -117.117267 | 6.07258102 | 32.67287 | -117.11632 |
| 5.73697917 | 32.67066 | -117.12368 | 5.9050463 | 32.67265 | -117.117253 | 6.07275463 | 32.67287 | -117.11632 |
| 5.73715278 | 32.67066 | -117.123693 | 5.90521991 | 32.67266 | -117.11724 | 6.07292824 | 32.67287 | -117.11632 |
| 5.73733796 | 32.67067 | -117.12372 | 5.90539352 | 32.67266 | -117.117227 | 6.07310185 | 32.67287 | -117.11632 |
| 5.73751157 | 32.67066 | -117.123733 | 5.90555556 | 32.67266 | -117.117227 | 6.07327546 | 32.67287 | -117.11632 |
| 5.73768519 | 32.67066 | -117.123747 | 5.90572917 | 32.67265 | -117.1172 | 6.07344907 | 32.67287 | -117.11632 |
| 5.73784722 | 32.67065 | -117.123747 | 5.90590278 | 32.67267 | -117.1172 | 6.07362269 | 32.67287 | -117.11632 |
| 5.73802083 | 32.67065 | -117.123773 | 5.90608796 | 32.67267 | -117.1172 | 6.07483796 | 32.67287 | -117.116307 |
| 5.73820602 | 32.67065 | -117.123773 | 5.90626157 | 32.67268 | -117.117187 | 6.07501157 | 32.67287 | -117.116307 |
| 5.73837963 | 32.67063 | -117.1238 | 5.90643519 | 32.67268 | -117.117187 | 6.07518519 | 32.67287 | -117.116307 |
| 5.73855324 | 32.67064 | -117.123813 | 5.90659722 | 32.67268 | -117.117187 | 6.0753588 | 32.67287 | -117.116307 |
| 5.73871528 | 32.67062 | -117.123827 | 5.90677083 | 32.67267 | -117.117173 | 6.07553241 | 32.67286 | -117.116307 |
| 5.73888889 | 32.67062 | -117.123867 | 5.90694444 | 32.67268 | -117.117173 | 6.07570602 | 32.67286 | -117.116307 |
| 5.7390625 | 32.67062 | -117.123867 | 5.90712963 | 32.67267 | -117.11716 | 6.07587963 | 32.67286 | -117.116307 |
| 5.73924769 | 32.67062 | -117.12388 | 5.90730324 | 32.67267 | -117.11716 | 6.07605324 | 32.67287 | -117.116293 |
| 5.7394213 | 32.67061 | -117.123907 | 5.90747685 | 32.67267 | -117.11716 | 6.07622685 | 32.67287 | -117.116293 |
| 5.73959491 | 32.67061 | -117.12392 | 5.90765046 | 32.67267 | -117.117133 | 6.07640046 | 32.67287 | -117.116293 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73976852 | 32.6706 | -117.12392 | 5.90782407 | 32.67268 | -117.117133 | 6.07657407 | 32.67287 | -117.116307 |
| 5.73993056 | 32.67059 | -117.123947 | 5.90799769 | 32.6727 | -117.117107 | 6.07674769 | 32.67286 | -117.116307 |
| 5.74010417 | 32.67059 | -117.12396 | 5.90850694 | 32.67272 | -117.11708 | 6.0769213 | 32.67286 | -117.116293 |
| 5.740625 | 32.67059 | -117.124013 | 5.90868056 | 32.67272 | -117.11708 | 6.07709491 | 32.67286 | -117.116307 |
| 5.74079861 | 32.67058 | -117.124013 | 5.90885417 | 32.67272 | -117.11708 | 6.07726852 | 32.67286 | -117.116293 |
| 5.74097222 | 32.67057 | -117.12404 | 5.90902778 | 32.67272 | -117.11708 | 6.07744213 | 32.67286 | -117.116293 |
| 5.74115741 | 32.67056 | -117.124053 | 5.90921296 | 32.67272 | -117.11708 | 6.07761574 | 32.67286 | -117.116293 |
| 5.74133102 | 32.67056 | -117.124067 | 5.90938657 | 32.67272 | -117.11708 | 6.07778935 | 32.67286 | -117.116293 |
| 5.74150463 | 32.67055 | -117.124067 | 5.90956019 | 32.67272 | -117.11708 | 6.07796296 | 32.67286 | -117.116293 |
| 5.74167824 | 32.67054 | -117.124067 | 5.9097338 | 32.67272 | -117.117053 | 6.07813657 | 32.67286 | -117.116293 |
| 5.74185185 | 32.67053 | -117.124093 | 5.90989583 | 32.67273 | -117.117053 | 6.07881944 | 32.67286 | -117.116293 |
| 5.74202546 | 32.67052 | -117.124107 | 5.91006944 | 32.67273 | -117.117027 | 6.07899306 | 32.67285 | -117.116307 |
| 5.74219907 | 32.67051 | -117.12412 | 5.91024306 | 32.67273 | -117.117027 | 6.07916667 | 32.67285 | -117.116307 |
| 5.74237269 | 32.67051 | -117.124133 | 5.91042824 | 32.67273 | -117.117027 | 6.07934028 | 32.67286 | -117.116307 |
| 5.7425463 | 32.6705 | -117.12416 | 5.91060185 | 32.67273 | -117.117027 | 6.07951389 | 32.67286 | -117.116307 |
| 5.74271991 | 32.67049 | -117.12416 | 5.91077546 | 32.67275 | -117.117013 | 6.0796875 | 32.67286 | -117.116307 |
| 5.74289352 | 32.67048 | -117.124173 | 5.9109375 | 32.67276 | -117.117013 | 6.07986111 | 32.67286 | -117.116293 |
| 5.74306713 | 32.67048 | -117.124187 | 5.91111111 | 32.67277 | -117.117013 | 6.08003472 | 32.67287 | -117.116293 |
| 5.74324074 | 32.67047 | -117.124187 | 5.9112963 | 32.67279 | -117.117013 | 6.08020833 | 32.67286 | -117.11628 |
| 5.74341435 | 32.67045 | -117.1242 | 5.91146991 | 32.67279 | -117.116987 | 6.08038194 | 32.67286 | -117.11628 |
| 5.74358796 | 32.67045 | -117.1242 | 5.91163194 | 32.67279 | -117.116987 | 6.08055556 | 32.67286 | -117.11628 |
| 5.74376157 | 32.67045 | -117.124213 | 5.91180556 | 32.67279 | -117.116987 | 6.08072917 | 32.67286 | -117.11628 |
| 5.74393519 | 32.67045 | -117.124213 | 5.91215278 | 32.67279 | -117.116987 | 6.08090278 | 32.67286 | -117.11628 |
| 5.74444444 | 32.67045 | -117.124213 | 5.91232639 | 32.67279 | -117.116973 | 6.08107639 | 32.67286 | -117.11628 |
| 5.74461806 | 32.67044 | -117.124213 | 5.9125 | 32.67279 | -117.11696 | 6.08125 | 32.67286 | -117.11628 |
| 5.74479167 | 32.67043 | -117.124213 | 5.91268519 | 32.67279 | -117.116947 | 6.08142361 | 32.67286 | -117.11628 |
| 5.74496528 | 32.67042 | -117.124213 | 5.9128588 | 32.6728 | -117.116947 | | | |

DrEx 110

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5740509 | 32.674183 | -117.115907 | 5.73844907 | 32.67053 | -117.12372 | 5.90452546 | 32.67207 | -117.118133 |
| 5.5741319 | 32.674200 | -117.115880 | 5.73855324 | 32.67053 | -117.123733 | 5.90469907 | 32.67207 | -117.11812 |
| 5.5743056 | 32.674193 | -117.115907 | 5.73872685 | 32.67053 | -117.123747 | 5.90491898 | 32.67207 | -117.11812 |
| 5.5744907 | 32.674177 | -117.115920 | 5.73890046 | 32.67052 | -117.12376 | 5.9050463 | 32.67207 | -117.11812 |
| 5.5746644 | 32.674163 | -117.115920 | 5.73907407 | 32.67052 | -117.123773 | 5.90521991 | 32.67208 | -117.118093 |
| 5.5748380 | 32.674150 | -117.115933 | 5.73924769 | 32.67051 | -117.123773 | 5.90539352 | 32.67209 | -117.11808 |
| 5.5750116 | 32.674133 | -117.115933 | 5.73947917 | 32.67051 | -117.123813 | 5.90556713 | 32.67209 | -117.11808 |
| 5.5751852 | 32.674117 | -117.115947 | 5.73958333 | 32.67051 | -117.123813 | 5.90582176 | 32.67209 | -117.118067 |
| 5.5753819 | 32.674093 | -117.115947 | 5.73976852 | 32.6705 | -117.12384 | 5.90590278 | 32.67209 | -117.118067 |
| 5.5755324 | 32.674077 | -117.115947 | 5.74185185 | 32.6705 | -117.124013 | 5.90607639 | 32.67209 | -117.118067 |
| 5.5756944 | 32.674063 | -117.115973 | 5.74202546 | 32.6705 | -117.124013 | 5.90625 | 32.67209 | -117.118067 |
| 5.5758681 | 32.674043 | -117.115987 | 5.74219907 | 32.67049 | -117.124013 | 5.90644676 | 32.67209 | -117.118067 |
| 5.5760532 | 32.674020 | -117.115987 | 5.74237269 | 32.67048 | -117.124027 | 5.9066088 | 32.67209 | -117.118067 |
| 5.5762269 | 32.674000 | -117.115987 | 5.7425463 | 32.67047 | -117.124053 | 5.90678241 | 32.67209 | -117.118053 |
| 5.5764005 | 32.673983 | -117.115987 | 5.74271991 | 32.67045 | -117.124053 | 5.90695602 | 32.67209 | -117.118053 |
| 5.5765741 | 32.673967 | -117.116000 | 5.74289352 | 32.67044 | -117.124067 | 5.90921296 | 32.6722 | -117.117893 |
| 5.5767477 | 32.673950 | -117.116000 | 5.74306713 | 32.67043 | -117.124067 | 5.90938657 | 32.6722 | -117.117893 |
| 5.5769213 | 32.673933 | -117.116000 | 5.74324074 | 32.67042 | -117.124067 | 5.90956019 | 32.6722 | -117.117893 |
| 5.5771065 | 32.673923 | -117.116000 | 5.74340278 | 32.67041 | -117.124093 | 5.90972222 | 32.6722 | -117.117893 |
| 5.5772569 | 32.673907 | -117.116000 | 5.74357639 | 32.67041 | -117.12412 | 5.90989583 | 32.6722 | -117.117893 |
| 5.5800463 | 32.673707 | -117.116093 | 5.74375 | 32.67041 | -117.124107 | 5.91006944 | 32.6722 | -117.117893 |
| 5.5802199 | 32.673693 | -117.116107 | 5.74392361 | 32.6704 | -117.124093 | 5.91024306 | 32.6722 | -117.117893 |
| 5.5803935 | 32.673680 | -117.116107 | 5.74409722 | 32.6704 | -117.124093 | 5.91042824 | 32.6722 | -117.117893 |
| 5.5805671 | 32.673667 | -117.116107 | 5.74427083 | 32.6704 | -117.124107 | 5.91063657 | 32.6722 | -117.117893 |
| 5.5807407 | 32.673650 | -117.116133 | 5.74444444 | 32.6704 | -117.124107 | 5.91076389 | 32.6722 | -117.117893 |
| 5.5809028 | 32.673640 | -117.116133 | 5.74461806 | 32.6704 | -117.124107 | 5.9109375 | 32.6722 | -117.117867 |
| 5.5810880 | 32.673623 | -117.116133 | 5.74479167 | 32.67039 | -117.12412 | 5.91114583 | 32.6722 | -117.117867 |
| 5.5812616 | 32.673613 | -117.116147 | 5.74496528 | 32.67038 | -117.12412 | 5.9112963 | 32.6722 | -117.117867 |
| 5.5814352 | 32.673597 | -117.116147 | 5.74569444 | 32.67033 | -117.12416 | 5.91146991 | 32.6722 | -117.117867 |
| 5.5815972 | 32.673587 | -117.116147 | 5.74584491 | 32.67032 | -117.12416 | 5.91164352 | 32.67221 | -117.117867 |
| 5.5817708 | 32.673573 | -117.116147 | 5.74601852 | 32.6703 | -117.124173 | 5.91181713 | 32.67221 | -117.117867 |
| 5.5819444 | 32.673560 | -117.116147 | 5.74619213 | 32.67028 | -117.1242 | 5.91197917 | 32.67221 | -117.117867 |
| 5.5821181 | 32.673547 | -117.116160 | 5.74636574 | 32.67028 | -117.124213 | 5.91215278 | 32.67221 | -117.117867 |
| 5.5823032 | 32.673537 | -117.116160 | 5.74653935 | 32.67026 | -117.124213 | 5.91232639 | 32.67221 | -117.117853 |
| 5.5824769 | 32.673523 | -117.116173 | 5.74671296 | 32.67026 | -117.124213 | 5.91284722 | 32.67222 | -117.11784 |
| 5.5826505 | 32.673510 | -117.116200 | 5.74688657 | 32.67024 | -117.124213 | 5.91303241 | 32.67222 | -117.117827 |
| 5.5828125 | 32.673500 | -117.116200 | 5.74706019 | 32.67024 | -117.124213 | 5.91320602 | 32.67222 | -117.117827 |
| 5.5829861 | 32.673490 | -117.116200 | 5.7472338 | 32.67022 | -117.124213 | 5.91337963 | 32.67222 | -117.117827 |
| 5.5831597 | 32.673477 | -117.116200 | 5.74740741 | 32.67021 | -117.124213 | 5.91354167 | 32.67222 | -117.117827 |
| 5.5837153 | 32.673447 | -117.116227 | 5.74758102 | 32.6702 | -117.124213 | 5.91371528 | 32.67222 | -117.1178 |
| 5.5838657 | 32.673440 | -117.116240 | 5.74775463 | 32.67019 | -117.124213 | 5.91388889 | 32.67222 | -117.1178 |
| 5.5840394 | 32.673430 | -117.116253 | 5.74792824 | 32.67018 | -117.124213 | 5.91407407 | 32.67223 | -117.1178 |
| 5.5842130 | 32.673417 | -117.116253 | 5.74810185 | 32.67017 | -117.124213 | 5.91424769 | 32.67223 | -117.1178 |
| 5.5843750 | 32.673403 | -117.116280 | 5.74827546 | 32.67016 | -117.124213 | 5.9144213 | 32.67223 | -117.1178 |
| 5.5845949 | 32.673393 | -117.116280 | 5.74844907 | 32.67015 | -117.124213 | 5.91459491 | 32.67223 | -117.1178 |
| 5.5847222 | 32.673383 | -117.116293 | 5.74862269 | 32.67015 | -117.124213 | 5.91476852 | 32.67223 | -117.1178 |
| 5.5849074 | 32.673367 | -117.116320 | 5.7487963 | 32.67015 | -117.124213 | 5.91494213 | 32.67224 | -117.1178 |
| 5.5850810 | 32.673357 | -117.116320 | 5.74896991 | 32.67015 | -117.124213 | 5.91517361 | 32.67224 | -117.1178 |
| 5.5852546 | 32.673343 | -117.116347 | 5.74966435 | 32.67015 | -117.124213 | 5.91527778 | 32.67224 | -117.1178 |
| 5.5854167 | 32.673333 | -117.116347 | 5.74983796 | 32.67015 | -117.124213 | 5.91545139 | 32.67225 | -117.11776 |
| 5.5855903 | 32.673320 | -117.116347 | 5.75001157 | 32.67015 | -117.124213 | 5.915625 | 32.67225 | -117.11776 |
| 5.5857639 | 32.673307 | -117.116360 | 5.75018519 | 32.67015 | -117.124213 | 5.91579861 | 32.67225 | -117.11776 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5859491 | 32.673297 | -117.116360 | 5.7503588 | 32.67014 | -117.124213 | 5.91600694 | 32.67225 | -117.117747 |
| 5.5861227 | 32.673283 | -117.116387 | 5.75053241 | 32.67014 | -117.124213 | 5.91615741 | 32.67226 | -117.117747 |
| 5.5862963 | 32.673273 | -117.116387 | 5.75070602 | 32.67014 | -117.124213 | 5.91824074 | 32.67227 | -117.117747 |
| 5.5864699 | 32.673260 | -117.116400 | 5.75087963 | 32.67014 | -117.124213 | 5.91841435 | 32.67227 | -117.117747 |
| 5.5866319 | 32.673250 | -117.116400 | 5.75105324 | 32.67014 | -117.124213 | 5.91858796 | 32.67227 | -117.117747 |
| 5.5868056 | 32.673237 | -117.116400 | 5.75122685 | 32.67014 | -117.1242 | 5.91876157 | 32.67227 | -117.11772 |
| 5.5870718 | 32.673223 | -117.116427 | 5.75140046 | 32.67013 | -117.1242 | 5.91893519 | 32.67227 | -117.11772 |
| 5.5877778 | 32.673177 | -117.116467 | 5.75157407 | 32.67008 | -117.124173 | 5.9191088 | 32.67227 | -117.11772 |
| 5.5878588 | 32.673173 | -117.116493 | 5.75174769 | 32.67006 | -117.12416 | 5.91928241 | 32.67227 | -117.11772 |
| 5.5880324 | 32.673163 | -117.116493 | 5.7519213 | 32.67003 | -117.12412 | 5.91945602 | 32.67227 | -117.11772 |
| 5.5882060 | 32.673150 | -117.116493 | 5.75209491 | 32.67001 | -117.124107 | 5.91962963 | 32.67227 | -117.11772 |
| 5.5883796 | 32.673140 | -117.116507 | 5.75226852 | 32.67 | -117.124067 | 5.91979167 | 32.67227 | -117.11772 |
| 5.5885417 | 32.673127 | -117.116520 | 5.75244213 | 32.66998 | -117.124067 | 5.91996528 | 32.67227 | -117.11772 |
| 5.5887153 | 32.673117 | -117.116533 | 5.75261574 | 32.66997 | -117.124053 | 5.92013889 | 32.67227 | -117.11772 |
| 5.5889352 | 32.673103 | -117.116533 | 5.75278935 | 32.66997 | -117.124053 | 5.9203125 | 32.67228 | -117.11772 |
| 5.5890856 | 32.673090 | -117.116547 | 5.75296296 | 32.66996 | -117.124027 | 5.92048611 | 32.67228 | -117.11772 |
| 5.5892708 | 32.673083 | -117.116547 | 5.75347222 | 32.66994 | -117.123987 | 5.92065972 | 32.67228 | -117.117707 |
| 5.5894213 | 32.673077 | -117.116573 | 5.75364583 | 32.66992 | -117.123987 | 5.92083333 | 32.67228 | -117.117707 |
| 5.5895949 | 32.673063 | -117.116587 | 5.75381944 | 32.66991 | -117.12396 | 5.92100694 | 32.67228 | -117.117707 |
| 5.5897685 | 32.673050 | -117.116587 | 5.75399306 | 32.66991 | -117.123947 | 5.92118056 | 32.67228 | -117.117707 |
| 5.5899421 | 32.673040 | -117.116600 | 5.75416667 | 32.6699 | -117.123947 | 5.92135417 | 32.67228 | -117.117693 |
| 5.5901157 | 32.673030 | -117.116600 | 5.75434028 | 32.6699 | -117.12392 | 5.921875 | 32.67228 | -117.117693 |
| 5.5902894 | 32.673020 | -117.116613 | 5.75451389 | 32.66989 | -117.12392 | 5.92204861 | 32.67228 | -117.117693 |
| 5.5904630 | 32.673007 | -117.116640 | 5.7546875 | 32.66987 | -117.123893 | 5.92222222 | 32.67228 | -117.117693 |
| 5.5906366 | 32.672997 | -117.116640 | 5.75486111 | 32.66986 | -117.12388 | 5.92240741 | 32.67228 | -117.117693 |
| 5.5908102 | 32.672983 | -117.116653 | 5.75503472 | 32.66986 | -117.123867 | 5.92258102 | 32.67228 | -117.117693 |
| 5.5909838 | 32.672970 | -117.116653 | 5.75520833 | 32.66985 | -117.123867 | 5.92275463 | 32.67228 | -117.11768 |
| 5.5915046 | 32.672937 | -117.116693 | 5.75539352 | 32.66984 | -117.123867 | 5.92292824 | 32.67228 | -117.11768 |
| 5.5916782 | 32.672923 | -117.116693 | 5.75556713 | 32.66983 | -117.123827 | 5.92319444 | 32.67228 | -117.11768 |
| 5.5919097 | 32.672913 | -117.116720 | 5.75574074 | 32.66983 | -117.123813 | 5.92327546 | 32.67228 | -117.11768 |
| 5.5920139 | 32.672910 | -117.116720 | 5.75591435 | 32.66983 | -117.123827 | 5.92344907 | 32.67228 | -117.11768 |
| 5.5921875 | 32.672900 | -117.116733 | 5.75608796 | 32.66983 | -117.123813 | 5.92362269 | 32.67228 | -117.11768 |
| 5.5923611 | 32.672887 | -117.116733 | 5.75626157 | 32.66982 | -117.123813 | 5.9237963 | 32.67228 | -117.11768 |
| 5.5926157 | 32.672877 | -117.116747 | 5.75643519 | 32.66981 | -117.1238 | 5.92396991 | 32.67229 | -117.11768 |
| 5.5927199 | 32.672873 | -117.116760 | 5.7566088 | 32.6698 | -117.1238 | 5.92414352 | 32.67229 | -117.11768 |
| 5.5928935 | 32.672860 | -117.116787 | 5.75678241 | 32.66979 | -117.123773 | 5.92431713 | 32.67229 | -117.11768 |
| 5.5930671 | 32.672850 | -117.116787 | 5.75730324 | 32.66977 | -117.123747 | 5.92449074 | 32.67229 | -117.11768 |
| 5.5932407 | 32.672843 | -117.116787 | 5.75747685 | 32.66977 | -117.123733 | 5.92465278 | 32.67229 | -117.117653 |
| 5.5934144 | 32.672837 | -117.116800 | 5.75765046 | 32.66977 | -117.123733 | 5.92484954 | 32.6723 | -117.117653 |
| 5.5935880 | 32.672823 | -117.116813 | 5.7578125 | 32.66977 | -117.123733 | 5.925 | 32.6723 | -117.117653 |
| 5.5937616 | 32.672813 | -117.116813 | 5.75798611 | 32.66977 | -117.123733 | 5.92517361 | 32.6723 | -117.117653 |
| 5.5939583 | 32.672800 | -117.116840 | 5.75815972 | 32.66977 | -117.123733 | 5.92569444 | 32.6723 | -117.117653 |
| 5.5941088 | 32.672793 | -117.116840 | 5.75834491 | 32.66976 | -117.12372 | 5.92586806 | 32.6723 | -117.117653 |
| 5.5942824 | 32.672783 | -117.116840 | 5.75851852 | 32.66975 | -117.12368 | 5.92604167 | 32.6723 | -117.117653 |
| 5.5945023 | 32.672770 | -117.116867 | 5.75869213 | 32.66974 | -117.12368 | 5.92621528 | 32.6723 | -117.117653 |
| 5.5946296 | 32.672763 | -117.116880 | 5.75886574 | 32.66975 | -117.123667 | 5.92638889 | 32.6723 | -117.117653 |
| 5.5948032 | 32.672757 | -117.116880 | 5.75903935 | 32.66974 | -117.123653 | 5.9265625 | 32.6723 | -117.117653 |
| 5.5960069 | 32.672693 | -117.116973 | 5.75921296 | 32.66974 | -117.123627 | 5.92673611 | 32.6723 | -117.117653 |
| 5.5961806 | 32.672683 | -117.116987 | 5.75938657 | 32.66973 | -117.123627 | 5.92690972 | 32.6723 | -117.117653 |
| 5.5963657 | 32.672677 | -117.116987 | 5.75956019 | 32.66973 | -117.123627 | 5.92708333 | 32.6723 | -117.117653 |
| 5.5965394 | 32.672670 | -117.116987 | 5.7597338 | 32.66972 | -117.123627 | 5.92725694 | 32.6723 | -117.117653 |
| 5.5967014 | 32.672660 | -117.117013 | 5.75990741 | 32.66972 | -117.123613 | 5.92747685 | 32.6723 | -117.117653 |
| 5.5968750 | 32.672653 | -117.117027 | 5.76008102 | 32.66972 | -117.123613 | 5.92761574 | 32.67231 | -117.117653 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5970486 | 32.672647 | -117.117053 | 5.76024306 | 32.66972 | -117.1236 | 5.92778935 | 32.67231 | -117.117653 |
| 5.5972222 | 32.672643 | -117.117080 | 5.76041667 | 32.66971 | -117.1236 | 5.92796296 | 32.67231 | -117.11764 |
| 5.5973958 | 32.672633 | -117.117080 | 5.76059028 | 32.6697 | -117.1236 | 5.92813657 | 32.67231 | -117.11764 |
| 5.5975694 | 32.672627 | -117.117080 | 5.76111111 | 32.66971 | -117.123587 | 5.92829861 | 32.67231 | -117.11764 |
| 5.5977431 | 32.672620 | -117.117093 | 5.76128472 | 32.66971 | -117.123573 | 5.92847222 | 32.67231 | -117.11764 |
| 5.5979167 | 32.672610 | -117.117120 | 5.76145833 | 32.6697 | -117.123573 | 5.92864583 | 32.67231 | -117.11764 |
| 5.5981019 | 32.672603 | -117.117133 | 5.76163194 | 32.6697 | -117.123587 | 5.92881944 | 32.67231 | -117.11764 |
| 5.5982755 | 32.672597 | -117.117133 | 5.76180556 | 32.6697 | -117.1236 | 5.92899306 | 32.67231 | -117.11764 |
| 5.5984491 | 32.672587 | -117.117160 | 5.76197917 | 32.66971 | -117.1236 | 5.92953704 | 32.67231 | -117.117627 |
| 5.5986227 | 32.672573 | -117.117187 | 5.76215278 | 32.66971 | -117.123613 | 5.9296875 | 32.67231 | -117.117627 |
| 5.5987847 | 32.672570 | -117.117200 | 5.76232639 | 32.66975 | -117.123667 | 5.92986111 | 32.67231 | -117.117627 |
| 5.5989583 | 32.672563 | -117.117227 | 5.7625 | 32.66978 | -117.12368 | 5.9300463 | 32.67232 | -117.117627 |
| 5.5991319 | 32.672560 | -117.117227 | 5.76267361 | 32.66979 | -117.123693 | 5.93021991 | 32.67232 | -117.117627 |
| 5.5993056 | 32.672550 | -117.117253 | 5.76284722 | 32.66981 | -117.12372 | 5.93039352 | 32.67232 | -117.117627 |
| 5.6000116 | 32.672517 | -117.117320 | 5.76302083 | 32.66982 | -117.123747 | 5.93056713 | 32.67232 | -117.117627 |
| 5.6001852 | 32.672510 | -117.117333 | 5.76319444 | 32.66985 | -117.123773 | 5.93072917 | 32.67232 | -117.117627 |
| 5.6003588 | 32.672500 | -117.117333 | 5.76336806 | 32.66988 | -117.123773 | 5.93090278 | 32.67232 | -117.117613 |
| 5.6005324 | 32.672497 | -117.117347 | 5.76354167 | 32.66993 | -117.123773 | 5.93107639 | 32.67232 | -117.117613 |
| 5.6007060 | 32.672493 | -117.117360 | 5.76371528 | 32.66997 | -117.1238 | 5.93126157 | 32.67232 | -117.117613 |
| 5.6008796 | 32.672487 | -117.117360 | 5.76388889 | 32.66997 | -117.1238 | 5.93143519 | 32.67232 | -117.117613 |
| 5.6010417 | 32.672480 | -117.117387 | 5.7640625 | 32.66997 | -117.1238 | 5.9316088 | 32.67232 | -117.117613 |
| 5.6013310 | 32.672470 | -117.117400 | 5.76423611 | 32.66997 | -117.1238 | 5.93177083 | 32.67232 | -117.117613 |
| 5.6014352 | 32.672467 | -117.117413 | 5.7644213 | 32.66997 | -117.1238 | 5.93194444 | 32.67232 | -117.117613 |
| 5.6015741 | 32.672460 | -117.117427 | 5.76563657 | 32.66996 | -117.123773 | 5.93211806 | 32.67232 | -117.117613 |
| 5.6017477 | 32.672453 | -117.117453 | 5.76581019 | 32.66995 | -117.123773 | 5.93229167 | 32.67232 | -117.117613 |
| 5.6019097 | 32.672450 | -117.117453 | 5.7659838 | 32.66994 | -117.12376 | 5.93246528 | 32.67232 | -117.117613 |
| 5.6020833 | 32.672443 | -117.117467 | 5.76615741 | 32.66993 | -117.123747 | 5.93263889 | 32.67233 | -117.117613 |
| 5.6022685 | 32.672437 | -117.117480 | 5.76631944 | 32.66993 | -117.123747 | 5.9328125 | 32.67233 | -117.117613 |
| 5.6025000 | 32.672430 | -117.117493 | 5.76649306 | 32.66992 | -117.123733 | 5.93386574 | 32.67233 | -117.1176 |
| 5.6026505 | 32.672423 | -117.117507 | 5.76666667 | 32.66991 | -117.123733 | 5.93403935 | 32.67233 | -117.1176 |
| 5.6027894 | 32.672420 | -117.117507 | 5.76684028 | 32.66991 | -117.123733 | 5.93421296 | 32.67233 | -117.1176 |
| 5.6029630 | 32.672413 | -117.117533 | 5.76701389 | 32.6699 | -117.12372 | 5.93438657 | 32.67233 | -117.1176 |
| 5.6031366 | 32.672407 | -117.117547 | 5.7671875 | 32.6699 | -117.123693 | 5.93456019 | 32.67233 | -117.1176 |
| 5.6032986 | 32.672403 | -117.117560 | 5.76737269 | 32.6699 | -117.12368 | 5.93483796 | 32.67233 | -117.1176 |
| 5.6038194 | 32.672387 | -117.117600 | 5.7675463 | 32.6699 | -117.12368 | 5.93491898 | 32.67233 | -117.1176 |
| 5.6040046 | 32.672380 | -117.117613 | 5.76771991 | 32.66989 | -117.12368 | 5.93506944 | 32.67233 | -117.1176 |
| 5.6041782 | 32.672377 | -117.117613 | 5.76789352 | 32.66989 | -117.12368 | 5.93525463 | 32.67233 | -117.1176 |
| 5.6043403 | 32.672370 | -117.117640 | 5.76806713 | 32.66989 | -117.123667 | 5.93542824 | 32.67233 | -117.1176 |
| 5.6045139 | 32.672363 | -117.117653 | 5.76824074 | 32.66989 | -117.123667 | 5.93560185 | 32.67233 | -117.1176 |
| 5.6047106 | 32.672357 | -117.117653 | 5.76841435 | 32.66988 | -117.123653 | 5.93576389 | 32.67233 | -117.1176 |
| 5.6049074 | 32.672347 | -117.117680 | 5.76858796 | 32.66987 | -117.123653 | 5.9359375 | 32.67233 | -117.1176 |
| 5.6050463 | 32.672343 | -117.117693 | 5.76876157 | 32.66987 | -117.123653 | 5.93611111 | 32.67234 | -117.1176 |
| 5.6052199 | 32.672333 | -117.117707 | 5.76892361 | 32.66986 | -117.123653 | 5.93628472 | 32.67234 | -117.1176 |
| 5.6053935 | 32.672327 | -117.117720 | 5.77001157 | 32.66981 | -117.123587 | 5.93645833 | 32.67234 | -117.1176 |
| 5.6055556 | 32.672323 | -117.117747 | 5.77013889 | 32.6698 | -117.123573 | 5.93663194 | 32.67234 | -117.1176 |
| 5.6057292 | 32.672320 | -117.117747 | 5.7703125 | 32.6698 | -117.123573 | 5.93680556 | 32.67234 | -117.1176 |
| 5.6059144 | 32.672313 | -117.117760 | 5.77048611 | 32.66978 | -117.1236 | 5.93697917 | 32.67234 | -117.1176 |
| 5.6060880 | 32.672307 | -117.117773 | 5.77065972 | 32.66979 | -117.123653 | 5.93716435 | 32.67234 | -117.1176 |
| 5.6063310 | 32.672297 | -117.117787 | 5.77084491 | 32.6698 | -117.12368 | 5.93767361 | 32.67235 | -117.1176 |
| 5.6064352 | 32.672297 | -117.117787 | 5.77101852 | 32.66981 | -117.123693 | 5.93784722 | 32.67235 | -117.1176 |
| 5.6066088 | 32.672290 | -117.117800 | 5.77119213 | 32.66985 | -117.12372 | 5.93802083 | 32.67235 | -117.1176 |
| 5.6068403 | 32.672283 | -117.117800 | 5.77136574 | 32.66989 | -117.12372 | 5.93819444 | 32.67235 | -117.1176 |
| 5.6069444 | 32.672283 | -117.117800 | 5.77153935 | 32.66991 | -117.123747 | 5.93836806 | 32.67235 | -117.1176 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6071412 | 32.672283 | -117.117800 | 5.77171296 | 32.66994 | -117.123773 | 5.93854167 | 32.67235 | -117.1176 |
| 5.6086806 | 32.672277 | -117.117827 | 5.77188657 | 32.66998 | -117.123773 | 5.93871528 | 32.67235 | -117.1176 |
| 5.6088657 | 32.672273 | -117.117827 | 5.77206019 | 32.67001 | -117.123773 | 5.93888889 | 32.67235 | -117.1176 |
| 5.6090394 | 32.672273 | -117.117827 | 5.7722338 | 32.67 | -117.123773 | 5.9391088 | 32.67236 | -117.1176 |
| 5.6092130 | 32.672273 | -117.117827 | 5.77239583 | 32.67 | -117.12376 | 5.93923611 | 32.67236 | -117.1176 |
| 5.6093866 | 32.672273 | -117.117827 | 5.77256944 | 32.66998 | -117.123747 | 5.9394213 | 32.67236 | -117.1176 |
| 5.6095602 | 32.672273 | -117.117827 | 5.77274306 | 32.66997 | -117.123733 | 5.93959491 | 32.67236 | -117.1176 |
| 5.6097338 | 32.672273 | -117.117840 | 5.77292824 | 32.66995 | -117.123733 | 5.93975694 | 32.67236 | -117.1176 |
| 5.6099074 | 32.672270 | -117.117840 | 5.77310185 | 32.66994 | -117.12372 | 5.93993056 | 32.67236 | -117.1176 |
| 5.6101157 | 32.672270 | -117.117840 | 5.77327546 | 32.66993 | -117.12372 | 5.94010417 | 32.67236 | -117.1176 |
| 5.6102431 | 32.672270 | -117.117840 | 5.77396991 | 32.6699 | -117.123667 | 5.94027778 | 32.67236 | -117.1176 |
| 5.6104167 | 32.672270 | -117.117853 | 5.77414352 | 32.66989 | -117.123653 | 5.94045139 | 32.67236 | -117.1176 |
| 5.6105903 | 32.672267 | -117.117853 | 5.7744213 | 32.66989 | -117.123653 | 5.940625 | 32.67236 | -117.1176 |
| 5.6107755 | 32.672267 | -117.117853 | 5.77450232 | 32.66989 | -117.123653 | 5.94079861 | 32.67236 | -117.1176 |
| 5.6109491 | 32.672267 | -117.117853 | 5.77465278 | 32.66989 | -117.123653 | 5.94324074 | 32.67238 | -117.1176 |
| 5.6111227 | 32.672267 | -117.117853 | 5.77482639 | 32.66989 | -117.123653 | 5.94341435 | 32.67238 | -117.1176 |
| 5.6112963 | 32.672260 | -117.117853 | 5.775 | 32.66988 | -117.123627 | 5.94358796 | 32.67238 | -117.1176 |
| 5.6114699 | 32.672260 | -117.117853 | 5.77517361 | 32.66987 | -117.123627 | 5.94376157 | 32.67238 | -117.1176 |
| 5.6116435 | 32.672260 | -117.117853 | 5.77534722 | 32.66987 | -117.123627 | 5.94393519 | 32.67238 | -117.1176 |
| 5.6118171 | 32.672260 | -117.117853 | 5.77552083 | 32.66987 | -117.123627 | 5.94409722 | 32.67238 | -117.1176 |
| 5.6119907 | 32.672260 | -117.117867 | 5.77570602 | 32.66987 | -117.123627 | 5.94427083 | 32.67238 | -117.1176 |
| 5.6131944 | 32.672253 | -117.117893 | 5.77587963 | 32.66987 | -117.123613 | 5.94444444 | 32.67238 | -117.1176 |
| 5.6133681 | 32.672253 | -117.117893 | 5.77605324 | 32.66987 | -117.1236 | 5.94461806 | 32.67238 | -117.1176 |
| 5.6135532 | 32.672250 | -117.117893 | 5.77622685 | 32.66986 | -117.1236 | 5.94483796 | 32.67238 | -117.1176 |
| 5.6137269 | 32.672237 | -117.117920 | 5.77640046 | 32.66986 | -117.1236 | 5.94497685 | 32.67239 | -117.1176 |
| 5.6139005 | 32.672237 | -117.117920 | 5.77664352 | 32.66986 | -117.1236 | 5.94515046 | 32.67239 | -117.1176 |
| 5.6140741 | 32.672233 | -117.117920 | 5.77674769 | 32.66986 | -117.1236 | 5.94532407 | 32.67239 | -117.1176 |
| 5.6142361 | 32.672233 | -117.117920 | 5.7769213 | 32.66986 | -117.1236 | 5.94549769 | 32.67239 | -117.1176 |
| 5.6144097 | 32.672233 | -117.117920 | 5.77708333 | 32.66985 | -117.1236 | 5.9456713 | 32.67239 | -117.1176 |
| 5.6145833 | 32.672220 | -117.117947 | 5.77725694 | 32.66985 | -117.1236 | 5.94584491 | 32.67239 | -117.1176 |
| 5.6147569 | 32.672220 | -117.117947 | 5.77777778 | 32.66985 | -117.1236 | 5.94601852 | 32.67239 | -117.1176 |
| 5.6149306 | 32.672213 | -117.117973 | 5.77795139 | 32.66984 | -117.123587 | 5.94619213 | 32.67239 | -117.1176 |
| 5.6151042 | 32.672210 | -117.117987 | 5.778125 | 32.66985 | -117.123587 | 5.94636574 | 32.6724 | -117.1176 |
| 5.6152778 | 32.672193 | -117.118013 | 5.77829861 | 32.66985 | -117.123573 | 5.946875 | 32.6724 | -117.1176 |
| 5.6154514 | 32.672193 | -117.118013 | 5.77847222 | 32.66984 | -117.123547 | 5.94704861 | 32.6724 | -117.1176 |
| 5.6156944 | 32.672193 | -117.118013 | 5.77864583 | 32.66983 | -117.123547 | 5.94722222 | 32.6724 | -117.1176 |
| 5.6157986 | 32.672187 | -117.118013 | 5.77883102 | 32.66983 | -117.123533 | 5.94739583 | 32.6724 | -117.1176 |
| 5.6159722 | 32.672187 | -117.118013 | 5.77900463 | 32.66983 | -117.123533 | 5.94758102 | 32.6724 | -117.1176 |
| 5.6161458 | 32.672183 | -117.118040 | 5.77917824 | 32.66983 | -117.123533 | 5.94775463 | 32.6724 | -117.117613 |
| 5.6163194 | 32.672177 | -117.118053 | 5.77935185 | 32.66983 | -117.123533 | 5.94792824 | 32.6724 | -117.117613 |
| 5.6165046 | 32.672163 | -117.118080 | 5.77951389 | 32.66981 | -117.123547 | 5.94810185 | 32.6724 | -117.117613 |
| 5.6170139 | 32.672147 | -117.118120 | 5.7796875 | 32.66981 | -117.123573 | 5.94827546 | 32.6724 | -117.117613 |
| 5.6171875 | 32.672143 | -117.118133 | 5.77986111 | 32.66987 | -117.123573 | 5.94844907 | 32.6724 | -117.117613 |
| 5.6173611 | 32.672143 | -117.118133 | 5.78003472 | 32.66991 | -117.123547 | 5.94862269 | 32.67241 | -117.117613 |
| 5.6175347 | 32.672137 | -117.118160 | 5.78020833 | 32.66993 | -117.123533 | 5.9487963 | 32.67241 | -117.117613 |
| 5.6177199 | 32.672137 | -117.118160 | 5.78040509 | 32.66992 | -117.12352 | 5.94896991 | 32.67241 | -117.117613 |
| 5.6179977 | 32.672127 | -117.118200 | 5.78055556 | 32.66992 | -117.12352 | 5.94914352 | 32.67241 | -117.117613 |
| 5.6181019 | 32.672123 | -117.118200 | 5.78072917 | 32.66992 | -117.12348 | 5.94930556 | 32.67241 | -117.117613 |
| 5.6182292 | 32.672123 | -117.118200 | 5.78090278 | 32.66991 | -117.12348 | 5.94947917 | 32.67241 | -117.117613 |
| 5.6184028 | 32.672117 | -117.118240 | 5.78108796 | 32.66991 | -117.12348 | 5.94965278 | 32.67241 | -117.117613 |
| 5.6185764 | 32.672117 | -117.118240 | 5.7816088 | 32.66991 | -117.12348 | 5.94982639 | 32.67241 | -117.117613 |
| 5.6187616 | 32.672103 | -117.118267 | 5.78178241 | 32.66991 | -117.12348 | 5.95001157 | 32.67241 | -117.117627 |
| 5.6189352 | 32.672100 | -117.118280 | 5.78195602 | 32.66991 | -117.12348 | 5.95225694 | 32.67242 | -117.117653 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6190972 | 32.672100 | -117.118280 | 5.78212963 | 32.66991 | -117.12348 | 5.95243056 | 32.67242 | -117.117653 |
| 5.6192708 | 32.672090 | -117.118333 | 5.78230324 | 32.66991 | -117.12348 | 5.95260417 | 32.67242 | -117.117653 |
| 5.6194560 | 32.672083 | -117.118333 | 5.78247685 | 32.66991 | -117.12348 | 5.95278935 | 32.67242 | -117.117653 |
| 5.6196296 | 32.672080 | -117.118347 | 5.78265046 | 32.66991 | -117.12348 | 5.95296296 | 32.67243 | -117.117653 |
| 5.6198032 | 32.672073 | -117.118347 | 5.7828125 | 32.66991 | -117.12348 | 5.95313657 | 32.67243 | -117.117653 |
| 5.6199769 | 32.672073 | -117.118347 | 5.78298611 | 32.66991 | -117.12348 | 5.95329861 | 32.67243 | -117.117653 |
| 5.6201505 | 32.672073 | -117.118347 | 5.78315972 | 32.66991 | -117.12348 | 5.95347222 | 32.67243 | -117.117653 |
| 5.6227546 | 32.672030 | -117.118520 | 5.78333333 | 32.66991 | -117.123467 | 5.95369213 | 32.67243 | -117.117653 |
| 5.6229282 | 32.672020 | -117.118533 | 5.78350694 | 32.66991 | -117.123467 | 5.95381944 | 32.67243 | -117.117653 |
| 5.6230903 | 32.672017 | -117.118560 | 5.78369213 | 32.66991 | -117.123453 | 5.95399306 | 32.67243 | -117.117653 |
| 5.6232639 | 32.672013 | -117.118573 | 5.78386574 | 32.66991 | -117.123453 | 5.95417824 | 32.67243 | -117.117653 |
| 5.6234375 | 32.672010 | -117.118587 | 5.78403935 | 32.66991 | -117.123453 | 5.95435185 | 32.67243 | -117.117653 |
| 5.6236690 | 32.672007 | -117.118613 | 5.78421296 | 32.66991 | -117.123453 | 5.95452546 | 32.67243 | -117.117653 |
| 5.6237963 | 32.672007 | -117.118613 | 5.78438657 | 32.66991 | -117.123453 | 5.95469907 | 32.67243 | -117.117653 |
| 5.6240856 | 32.671993 | -117.118680 | 5.78456019 | 32.66991 | -117.123453 | 5.95487269 | 32.67243 | -117.117653 |
| 5.6241319 | 32.671993 | -117.118680 | 5.78472222 | 32.66991 | -117.12344 | 5.9550463 | 32.67244 | -117.117653 |
| 5.6243056 | 32.671983 | -117.118707 | 5.78489583 | 32.66991 | -117.123427 | 5.95521991 | 32.67244 | -117.117653 |
| 5.6244792 | 32.671983 | -117.118720 | 5.78541667 | 32.66992 | -117.12336 | 5.95539352 | 32.67244 | -117.117653 |
| 5.6246644 | 32.671980 | -117.118733 | 5.78560185 | 32.66992 | -117.123333 | 5.95556713 | 32.67244 | -117.117653 |
| 5.6248380 | 32.671980 | -117.118747 | 5.78577546 | 32.66992 | -117.123333 | 5.95699074 | 32.67244 | -117.11768 |
| 5.6250000 | 32.671977 | -117.118760 | 5.78594907 | 32.66992 | -117.123293 | 5.95711806 | 32.67244 | -117.11768 |
| 5.6251736 | 32.671970 | -117.118787 | 5.78615741 | 32.66991 | -117.12328 | 5.95729167 | 32.67244 | -117.11768 |
| 5.6253472 | 32.671963 | -117.118800 | 5.78628472 | 32.66992 | -117.123253 | 5.95748843 | 32.67244 | -117.117693 |
| 5.6255324 | 32.671960 | -117.118813 | 5.78645833 | 32.66992 | -117.123253 | 5.95763889 | 32.67244 | -117.117693 |
| 5.6257060 | 32.671953 | -117.118827 | 5.78663194 | 32.66992 | -117.12324 | 5.9578125 | 32.67244 | -117.117693 |
| 5.6258796 | 32.671947 | -117.118853 | 5.78681713 | 32.66991 | -117.123227 | 5.95798611 | 32.67244 | -117.117693 |
| 5.6281250 | 32.671847 | -117.119053 | 5.78699074 | 32.66991 | -117.1232 | 5.95815972 | 32.67244 | -117.117693 |
| 5.6282986 | 32.671833 | -117.119053 | 5.78716435 | 32.66991 | -117.1232 | 5.95834491 | 32.67244 | -117.117707 |
| 5.6284722 | 32.671817 | -117.119080 | 5.78739583 | 32.6699 | -117.123147 | 5.95851852 | 32.67244 | -117.117707 |
| 5.6286458 | 32.671810 | -117.119093 | 5.7875 | 32.6699 | -117.123107 | 5.95869213 | 32.67244 | -117.117707 |
| 5.6288310 | 32.671803 | -117.119107 | 5.78768519 | 32.66989 | -117.123093 | 5.95885417 | 32.67244 | -117.11772 |
| 5.6290162 | 32.671790 | -117.119120 | 5.7878588 | 32.66989 | -117.12308 | 5.95902778 | 32.67244 | -117.11772 |
| 5.6291667 | 32.671780 | -117.119147 | 5.78810185 | 32.66988 | -117.123053 | 5.95921296 | 32.67245 | -117.11772 |
| 5.6293403 | 32.671770 | -117.119147 | 5.78820602 | 32.66988 | -117.123053 | 5.95938657 | 32.67245 | -117.11772 |
| 5.6295139 | 32.671760 | -117.119147 | 5.78837963 | 32.66988 | -117.123013 | 5.95956019 | 32.67245 | -117.11772 |
| 5.6296875 | 32.671753 | -117.119160 | 5.78855324 | 32.66988 | -117.123013 | 5.95975694 | 32.67245 | -117.11772 |
| 5.6298611 | 32.671740 | -117.119187 | 5.78871528 | 32.66987 | -117.123 | 5.95990741 | 32.67245 | -117.11772 |
| 5.6300347 | 32.671730 | -117.119200 | 5.78931713 | 32.66988 | -117.122947 | 5.96008102 | 32.67245 | -117.117747 |
| 5.6302083 | 32.671720 | -117.119200 | 5.7894213 | 32.66988 | -117.122947 | 5.96024306 | 32.67245 | -117.117747 |
| 5.6304282 | 32.671703 | -117.119200 | 5.78959491 | 32.66987 | -117.122933 | 5.96094907 | 32.67245 | -117.117747 |
| 5.6305671 | 32.671700 | -117.119227 | 5.78976852 | 32.66987 | -117.122933 | 5.96112269 | 32.67245 | -117.117747 |
| 5.6308333 | 32.671683 | -117.119253 | 5.78994213 | 32.66987 | -117.122933 | 5.9612963 | 32.67245 | -117.117747 |
| 5.6309144 | 32.671680 | -117.119253 | 5.79011574 | 32.66987 | -117.122933 | 5.96145833 | 32.67245 | -117.117747 |
| 5.6310880 | 32.671670 | -117.119267 | 5.79028935 | 32.66986 | -117.122933 | 5.96163194 | 32.67245 | -117.117747 |
| 5.6312500 | 32.671663 | -117.119267 | 5.79045139 | 32.66986 | -117.12292 | 5.96180556 | 32.67245 | -117.117747 |
| 5.6314236 | 32.671647 | -117.119293 | 5.790625 | 32.66986 | -117.12292 | 5.96197917 | 32.67245 | -117.117747 |
| 5.6326505 | 32.671583 | -117.119400 | 5.79082176 | 32.66985 | -117.122907 | 5.96225694 | 32.67245 | -117.117747 |
| 5.6328241 | 32.671573 | -117.119413 | 5.79097222 | 32.66984 | -117.12288 | 5.96233796 | 32.67245 | -117.11776 |
| 5.6329977 | 32.671570 | -117.119440 | 5.79114583 | 32.66983 | -117.122867 | 5.96253472 | 32.67245 | -117.11776 |
| 5.6331713 | 32.671563 | -117.119440 | 5.79131944 | 32.66983 | -117.12284 | 5.96267361 | 32.67245 | -117.11776 |
| 5.6333449 | 32.671557 | -117.119453 | 5.79149306 | 32.66983 | -117.12284 | 5.96293982 | 32.67244 | -117.117773 |
| 5.6335185 | 32.671547 | -117.119453 | 5.79166667 | 32.66983 | -117.122813 | 5.96302083 | 32.67244 | -117.117787 |
| 5.6336921 | 32.671540 | -117.119467 | 5.79184028 | 32.66982 | -117.122813 | 5.96320602 | 32.67243 | -117.1178 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6338657 | 32.671533 | -117.119467 | 5.79201389 | 32.66982 | -117.122813 | 5.96337963 | 32.67242 | -117.1178 |
| 5.6340394 | 32.671527 | -117.119480 | 5.7921875 | 32.66981 | -117.1228 | 5.96365741 | 32.67241 | -117.1178 |
| 5.6342130 | 32.671513 | -117.119480 | 5.79236111 | 32.66981 | -117.1228 | 5.96373843 | 32.67241 | -117.1178 |
| 5.6343866 | 32.671503 | -117.119493 | 5.79322917 | 32.66978 | -117.12276 | 5.96388889 | 32.67241 | -117.1178 |
| 5.6345602 | 32.671490 | -117.119493 | 5.79340278 | 32.66978 | -117.122733 | 5.9640625 | 32.67242 | -117.1178 |
| 5.6347338 | 32.671480 | -117.119520 | 5.79357639 | 32.66978 | -117.122733 | 5.96423611 | 32.67242 | -117.1178 |
| 5.6349074 | 32.671473 | -117.119520 | 5.79375 | 32.66978 | -117.122733 | 5.96527778 | 32.67242 | -117.117827 |
| 5.6350810 | 32.671463 | -117.119533 | 5.79392361 | 32.66978 | -117.122733 | 5.96545139 | 32.67242 | -117.117827 |
| 5.6352546 | 32.671453 | -117.119533 | 5.79409722 | 32.66978 | -117.122733 | 5.965625 | 32.67242 | -117.117827 |
| 5.6354282 | 32.671443 | -117.119547 | 5.79427083 | 32.66978 | -117.122733 | 5.96579861 | 32.67242 | -117.11784 |
| 5.6356019 | 32.671437 | -117.119547 | 5.79444444 | 32.66978 | -117.12272 | 5.96597222 | 32.67242 | -117.11784 |
| 5.6357755 | 32.671430 | -117.119560 | 5.79461806 | 32.66978 | -117.12272 | 5.96614583 | 32.67242 | -117.11784 |
| 5.6359491 | 32.671420 | -117.119587 | 5.79480324 | 32.66978 | -117.12272 | 5.96631944 | 32.67242 | -117.11784 |
| 5.6364583 | 32.671393 | -117.119600 | 5.79497685 | 32.66978 | -117.12272 | 5.96649306 | 32.67242 | -117.117853 |
| 5.6366319 | 32.671387 | -117.119613 | 5.79515046 | 32.66978 | -117.12272 | 5.96666667 | 32.67242 | -117.117853 |
| 5.6368056 | 32.671373 | -117.119613 | 5.79532407 | 32.66978 | -117.122707 | 5.96684028 | 32.67242 | -117.117853 |
| 5.6369907 | 32.671357 | -117.119627 | 5.79549769 | 32.66978 | -117.122707 | 5.96701389 | 32.67242 | -117.117853 |
| 5.6371644 | 32.671350 | -117.119640 | 5.7956713 | 32.66979 | -117.122707 | 5.9671875 | 32.67242 | -117.117853 |
| 5.6373264 | 32.671337 | -117.119667 | 5.79584491 | 32.66978 | -117.122667 | 5.96740741 | 32.67242 | -117.117853 |
| 5.6375000 | 32.671330 | -117.119667 | 5.79601852 | 32.66977 | -117.122667 | 5.96753472 | 32.67242 | -117.117853 |
| 5.6376852 | 32.671320 | -117.119667 | 5.79618056 | 32.66978 | -117.122667 | 5.96771991 | 32.67241 | -117.117867 |
| 5.6378588 | 32.671310 | -117.119667 | 5.79635417 | 32.66978 | -117.122653 | 5.96789352 | 32.67241 | -117.117893 |
| 5.6380324 | 32.671300 | -117.119680 | 5.79652778 | 32.66978 | -117.122627 | 5.96806713 | 32.67241 | -117.117893 |
| 5.6382060 | 32.671293 | -117.119693 | 5.79758102 | 32.66979 | -117.122547 | 5.96824074 | 32.67241 | -117.117893 |
| 5.6383681 | 32.671283 | -117.119707 | 5.79775463 | 32.66979 | -117.122547 | 5.96840278 | 32.67241 | -117.117893 |
| 5.6385417 | 32.671273 | -117.119720 | 5.79791667 | 32.66979 | -117.122547 | 5.96857639 | 32.67241 | -117.117893 |
| 5.6387269 | 32.671263 | -117.119720 | 5.79809028 | 32.6698 | -117.12252 | 5.96945602 | 32.67242 | -117.117907 |
| 5.6389005 | 32.671253 | -117.119720 | 5.79835648 | 32.66979 | -117.12252 | 5.96969907 | 32.67241 | -117.117933 |
| 5.6390741 | 32.671240 | -117.119747 | 5.7984375 | 32.66979 | -117.12252 | 5.96979167 | 32.67241 | -117.117933 |
| 5.6392477 | 32.671227 | -117.119747 | 5.79861111 | 32.66979 | -117.122507 | 5.96996528 | 32.67241 | -117.117933 |
| 5.6394444 | 32.671213 | -117.119760 | 5.7987963 | 32.6698 | -117.122493 | 5.97013889 | 32.67242 | -117.117933 |
| 5.6395949 | 32.671200 | -117.119773 | 5.79896991 | 32.6698 | -117.12248 | 5.9703125 | 32.67241 | -117.117947 |
| 5.6397685 | 32.671187 | -117.119787 | 5.79914352 | 32.6698 | -117.12248 | 5.97049769 | 32.67241 | -117.117947 |
| 5.6406366 | 32.671127 | -117.119827 | 5.79931713 | 32.6698 | -117.122467 | 5.9706713 | 32.67241 | -117.117947 |
| 5.6408102 | 32.671113 | -117.119840 | 5.79949074 | 32.6698 | -117.122467 | 5.97084491 | 32.67241 | -117.117947 |
| 5.6409838 | 32.671103 | -117.119853 | 5.79966435 | 32.66979 | -117.122467 | 5.97101852 | 32.67241 | -117.117947 |
| 5.6411574 | 32.671087 | -117.119853 | 5.79989583 | 32.66979 | -117.122427 | 5.97119213 | 32.67241 | -117.117947 |
| 5.6413310 | 32.671070 | -117.119867 | 5.8 | 32.66979 | -117.122413 | 5.97136574 | 32.67241 | -117.117947 |
| 5.6414931 | 32.671057 | -117.119867 | 5.80017361 | 32.66978 | -117.1224 | 5.97153935 | 32.67241 | -117.117947 |
| 5.6416667 | 32.671043 | -117.119867 | 5.80034722 | 32.66979 | -117.1224 | 5.97171296 | 32.67241 | -117.117947 |
| 5.6419097 | 32.671023 | -117.119893 | 5.80052083 | 32.6698 | -117.122373 | 5.971875 | 32.67241 | -117.117947 |
| 5.6420139 | 32.671013 | -117.119893 | 5.80069444 | 32.66981 | -117.122373 | 5.97204861 | 32.67241 | -117.117947 |
| 5.6421991 | 32.671003 | -117.119907 | 5.80087963 | 32.66981 | -117.122373 | 5.9722338 | 32.67241 | -117.117947 |
| 5.6423727 | 32.670997 | -117.119920 | 5.8015625 | 32.66979 | -117.12232 | 5.97240741 | 32.67241 | -117.117947 |
| 5.6425579 | 32.670987 | -117.119920 | 5.80173611 | 32.66979 | -117.12228 | 5.97260417 | 32.67241 | -117.117947 |
| 5.6427083 | 32.670977 | -117.119933 | 5.80190972 | 32.66978 | -117.12228 | 5.97275463 | 32.67241 | -117.117947 |
| 5.6428819 | 32.670963 | -117.119933 | 5.80208333 | 32.66978 | -117.122267 | 5.975 | 32.67243 | -117.117933 |
| 5.6430556 | 32.670960 | -117.119960 | 5.80225694 | 32.66978 | -117.122267 | 5.97517361 | 32.67243 | -117.117933 |
| 5.6432292 | 32.670950 | -117.119960 | 5.80243056 | 32.66978 | -117.122253 | 5.97543982 | 32.67243 | -117.117933 |
| 5.6434028 | 32.670940 | -117.119973 | 5.80260417 | 32.66979 | -117.122253 | 5.97552083 | 32.67243 | -117.117933 |
| 5.6435880 | 32.670937 | -117.119987 | 5.80278935 | 32.6698 | -117.122213 | 5.97569444 | 32.67243 | -117.117933 |
| 5.6437616 | 32.670920 | -117.119987 | 5.80296296 | 32.66984 | -117.122187 | 5.97586806 | 32.67243 | -117.117933 |
| 5.6439352 | 32.670907 | -117.120000 | 5.803125 | 32.66989 | -117.122173 | 5.97604167 | 32.67243 | -117.117933 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6466088 | 32.670760 | -117.120147 | 5.80329861 | 32.66992 | -117.122173 | 5.97621528 | 32.67243 | -117.117933 |
| 5.6467130 | 32.670753 | -117.120160 | 5.80347222 | 32.66999 | -117.122147 | 5.97638889 | 32.67243 | -117.117933 |
| 5.6469213 | 32.670743 | -117.120187 | 5.80364583 | 32.67 | -117.122147 | 5.97657407 | 32.67243 | -117.117933 |
| 5.6470486 | 32.670737 | -117.120187 | 5.80381944 | 32.67 | -117.122133 | 5.97674769 | 32.67243 | -117.117933 |
| 5.6472222 | 32.670727 | -117.120200 | 5.80399306 | 32.67 | -117.12212 | 5.9769213 | 32.67243 | -117.117933 |
| 5.6474074 | 32.670717 | -117.120213 | 5.80416667 | 32.67001 | -117.12208 | 5.97708333 | 32.67243 | -117.117933 |
| 5.6475810 | 32.670710 | -117.120227 | 5.80434028 | 32.67001 | -117.12208 | 5.97725694 | 32.67243 | -117.117933 |
| 5.6477546 | 32.670700 | -117.120253 | 5.80451389 | 32.67001 | -117.122067 | 5.97744213 | 32.67243 | -117.117933 |
| 5.6479282 | 32.670690 | -117.120267 | 5.8046875 | 32.67001 | -117.122053 | 5.97761574 | 32.67243 | -117.117933 |
| 5.6481366 | 32.670673 | -117.120267 | 5.80486111 | 32.67002 | -117.12204 | 5.97778935 | 32.67243 | -117.117933 |
| 5.6482639 | 32.670667 | -117.120280 | 5.80521991 | 32.67003 | -117.122 | 5.97796296 | 32.67243 | -117.117933 |
| 5.6484491 | 32.670660 | -117.120293 | 5.80539352 | 32.67003 | -117.122 | 5.97813657 | 32.67243 | -117.117933 |
| 5.6486227 | 32.670647 | -117.120307 | 5.80556713 | 32.67003 | -117.121987 | 5.97831019 | 32.67243 | -117.117933 |
| 5.6487847 | 32.670637 | -117.120307 | 5.80574074 | 32.67004 | -117.12196 | 5.97883102 | 32.67244 | -117.117933 |
| 5.6490278 | 32.670627 | -117.120333 | 5.80590278 | 32.67004 | -117.121947 | 5.97900463 | 32.67244 | -117.117933 |
| 5.6491319 | 32.670623 | -117.120333 | 5.80607639 | 32.67004 | -117.121947 | 5.97917824 | 32.67244 | -117.11792 |
| 5.6493634 | 32.670600 | -117.120360 | 5.80625 | 32.67005 | -117.12192 | 5.97935185 | 32.67244 | -117.11792 |
| 5.6494907 | 32.670597 | -117.120373 | 5.80642361 | 32.67005 | -117.12188 | 5.97952546 | 32.67244 | -117.11792 |
| 5.6496644 | 32.670587 | -117.120400 | 5.80659722 | 32.67005 | -117.12188 | 5.97976852 | 32.67244 | -117.11792 |
| 5.6508796 | 32.670520 | -117.120453 | 5.80677083 | 32.67005 | -117.121853 | 5.97986111 | 32.67244 | -117.11792 |
| 5.6510532 | 32.670513 | -117.120480 | 5.80694444 | 32.67004 | -117.121853 | 5.98003472 | 32.67244 | -117.11792 |
| 5.6512269 | 32.670507 | -117.120480 | 5.80711806 | 32.67005 | -117.121827 | 5.98021991 | 32.67244 | -117.11792 |
| 5.6514468 | 32.670500 | -117.120507 | 5.80729167 | 32.67005 | -117.121813 | 5.98039352 | 32.67244 | -117.11792 |
| 5.6515625 | 32.670490 | -117.120520 | 5.80746528 | 32.67005 | -117.1218 | 5.98056713 | 32.67244 | -117.117907 |
| 5.6517361 | 32.670487 | -117.120520 | 5.80763889 | 32.67006 | -117.1218 | 5.98072917 | 32.67245 | -117.117893 |
| 5.6519097 | 32.670480 | -117.120547 | 5.80782407 | 32.67007 | -117.12176 | 5.98090278 | 32.67245 | -117.117893 |
| 5.6520949 | 32.670477 | -117.120547 | 5.80799769 | 32.67007 | -117.121747 | 5.98118056 | 32.67247 | -117.117867 |
| 5.6522685 | 32.670477 | -117.120573 | 5.8081713 | 32.67008 | -117.121733 | 5.98126157 | 32.67247 | -117.117867 |
| 5.6524421 | 32.670463 | -117.120587 | 5.80834491 | 32.67008 | -117.121707 | 5.98153935 | 32.67247 | -117.117867 |
| 5.6526157 | 32.670460 | -117.120600 | 5.80851852 | 32.67008 | -117.121693 | 5.98162037 | 32.67247 | -117.117853 |
| 5.6527894 | 32.670453 | -117.120600 | 5.81060185 | 32.6701 | -117.121467 | 5.98181713 | 32.67248 | -117.117853 |
| 5.6529630 | 32.670450 | -117.120600 | 5.81077546 | 32.6701 | -117.121453 | 5.98195602 | 32.67249 | -117.117853 |
| 5.6531250 | 32.670450 | -117.120640 | 5.81094907 | 32.6701 | -117.121413 | 5.98212963 | 32.6725 | -117.1178 |
| 5.6532986 | 32.670447 | -117.120653 | 5.81112269 | 32.6701 | -117.121413 | 5.98461806 | 32.67255 | -117.11772 |
| 5.6534838 | 32.670443 | -117.120667 | 5.8112963 | 32.67011 | -117.121387 | 5.98472222 | 32.67255 | -117.11772 |
| 5.6536574 | 32.670440 | -117.120693 | 5.81146991 | 32.67011 | -117.121373 | 5.98489583 | 32.67255 | -117.11772 |
| 5.6538194 | 32.670440 | -117.120693 | 5.81164352 | 32.67012 | -117.12136 | 5.98506944 | 32.67255 | -117.11772 |
| 5.6540046 | 32.670433 | -117.120720 | 5.81181713 | 32.67012 | -117.121333 | 5.98524306 | 32.67255 | -117.11772 |
| 5.6541782 | 32.670427 | -117.120733 | 5.81199074 | 32.67012 | -117.12132 | 5.98541667 | 32.67255 | -117.11772 |
| 5.6555556 | 32.670397 | -117.120840 | 5.81216435 | 32.67012 | -117.121293 | 5.98559028 | 32.67255 | -117.11772 |
| 5.6557292 | 32.670387 | -117.120853 | 5.81233796 | 32.67012 | -117.121267 | 5.98576389 | 32.67255 | -117.11772 |
| 5.6559144 | 32.670383 | -117.120867 | 5.81251157 | 32.67013 | -117.121267 | 5.9859375 | 32.67255 | -117.117707 |
| 5.6560880 | 32.670373 | -117.120880 | 5.81267361 | 32.67012 | -117.121253 | 5.98611111 | 32.67256 | -117.117707 |
| 5.6562616 | 32.670370 | -117.120893 | 5.81284722 | 32.67012 | -117.12124 | 5.98628472 | 32.67256 | -117.117707 |
| 5.6564352 | 32.670367 | -117.120920 | 5.81302083 | 32.67012 | -117.121213 | 5.98646991 | 32.67256 | -117.117693 |
| 5.6566088 | 32.670367 | -117.120933 | 5.81319444 | 32.67013 | -117.121187 | 5.98664352 | 32.67256 | -117.117693 |
| 5.6567708 | 32.670360 | -117.120947 | 5.81337963 | 32.67013 | -117.121173 | 5.98681713 | 32.67256 | -117.117693 |
| 5.6569444 | 32.670360 | -117.120960 | 5.81355324 | 32.67013 | -117.121147 | 5.98699074 | 32.67256 | -117.117693 |
| 5.6571181 | 32.670357 | -117.120973 | 5.81372685 | 32.67013 | -117.12112 | 5.98716435 | 32.67257 | -117.117653 |
| 5.6573958 | 32.670350 | -117.121000 | 5.81390046 | 32.67013 | -117.12112 | 5.98733796 | 32.67258 | -117.117653 |
| 5.6574769 | 32.670350 | -117.121013 | 5.81458333 | 32.67015 | -117.121067 | 5.98760417 | 32.67258 | -117.11764 |
| 5.6576505 | 32.670350 | -117.121013 | 5.81475694 | 32.67016 | -117.12104 | 5.98768519 | 32.67259 | -117.117627 |
| 5.6578241 | 32.670347 | -117.121027 | 5.81493056 | 32.67016 | -117.121013 | 5.98872685 | 32.6726 | -117.1176 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6579861 | 32.670347 | -117.121067 | 5.81510417 | 32.67016 | -117.121013 | 5.98888889 | 32.6726 | -117.117573 |
| 5.6581597 | 32.670340 | -117.121067 | 5.81527778 | 32.67016 | -117.121 | 5.98913194 | 32.6726 | -117.11756 |
| 5.6583449 | 32.670340 | -117.121067 | 5.81545139 | 32.67017 | -117.120973 | 5.98923611 | 32.6726 | -117.11756 |
| 5.6585185 | 32.670340 | -117.121080 | 5.815625 | 32.67017 | -117.120973 | 5.98940972 | 32.67261 | -117.117547 |
| 5.6586921 | 32.670337 | -117.121093 | 5.81579861 | 32.67017 | -117.12096 | 5.98958333 | 32.67261 | -117.117547 |
| 5.6588657 | 32.670337 | -117.121120 | 5.81597222 | 32.67017 | -117.120947 | 5.98978009 | 32.67261 | -117.117547 |
| 5.6595602 | 32.670323 | -117.121160 | 5.81614583 | 32.67016 | -117.120933 | 5.98994213 | 32.67261 | -117.117547 |
| 5.6597338 | 32.670320 | -117.121187 | 5.81631944 | 32.67017 | -117.12092 | 5.99011574 | 32.67261 | -117.117533 |
| 5.6598958 | 32.670320 | -117.121213 | 5.81649306 | 32.67017 | -117.12092 | 5.99038194 | 32.67261 | -117.117533 |
| 5.6600694 | 32.670317 | -117.121213 | 5.81666667 | 32.67018 | -117.12088 | 5.99046296 | 32.67261 | -117.117533 |
| 5.6602546 | 32.670317 | -117.121227 | 5.81684028 | 32.67018 | -117.12088 | 5.99072917 | 32.67261 | -117.117533 |
| 5.6604282 | 32.670313 | -117.121253 | 5.81701389 | 32.67018 | -117.120867 | 5.99081019 | 32.67261 | -117.117533 |
| 5.6606019 | 32.670310 | -117.121267 | 5.8171875 | 32.67018 | -117.120853 | 5.9909838 | 32.67261 | -117.117507 |
| 5.6607639 | 32.670310 | -117.121267 | 5.81737269 | 32.67019 | -117.12084 | 5.99114583 | 32.67261 | -117.117507 |
| 5.6609375 | 32.670303 | -117.121267 | 5.8175463 | 32.67019 | -117.12084 | 5.99131944 | 32.67262 | -117.117507 |
| 5.6611227 | 32.670300 | -117.121293 | 5.81771991 | 32.67019 | -117.120813 | 5.99149306 | 32.67262 | -117.117507 |
| 5.6612963 | 32.670300 | -117.121320 | 5.81789352 | 32.6702 | -117.1208 | 5.99166667 | 32.67262 | -117.117507 |
| 5.6614699 | 32.670297 | -117.121320 | 5.81858796 | 32.67021 | -117.120747 | 5.99184028 | 32.67262 | -117.117507 |
| 5.6616435 | 32.670297 | -117.121333 | 5.81876157 | 32.67021 | -117.120747 | 5.99202546 | 32.67262 | -117.117507 |
| 5.6618171 | 32.670297 | -117.121360 | 5.81893519 | 32.67022 | -117.120733 | 5.99253472 | 32.67262 | -117.117493 |
| 5.6619792 | 32.670300 | -117.121360 | 5.8191088 | 32.67024 | -117.120733 | 5.99270833 | 32.67262 | -117.117493 |
| 5.6621528 | 32.670300 | -117.121373 | 5.81928241 | 32.67025 | -117.12072 | 5.99293982 | 32.67263 | -117.117467 |
| 5.6623380 | 32.670300 | -117.121387 | 5.81945602 | 32.67025 | -117.12072 | 5.99306713 | 32.67264 | -117.117467 |
| 5.6625116 | 32.670300 | -117.121400 | 5.81962963 | 32.67024 | -117.120693 | 5.99322917 | 32.67264 | -117.117467 |
| 5.6626852 | 32.670300 | -117.121400 | 5.81980324 | 32.67024 | -117.120693 | 5.99340278 | 32.67264 | -117.117453 |
| 5.6628588 | 32.670300 | -117.121413 | 5.81997685 | 32.67025 | -117.120693 | 5.99357639 | 32.67265 | -117.117427 |
| 5.6644097 | 32.670293 | -117.121480 | 5.82015046 | 32.67026 | -117.120667 | 5.99375 | 32.67265 | -117.117427 |
| 5.6645833 | 32.670293 | -117.121480 | 5.82032407 | 32.67026 | -117.120653 | 5.99392361 | 32.67265 | -117.117413 |
| 5.6647569 | 32.670293 | -117.121480 | 5.82049769 | 32.67025 | -117.120653 | 5.9941088 | 32.67265 | -117.117413 |
| 5.6649306 | 32.670293 | -117.121507 | 5.8206713 | 32.67026 | -117.12064 | 5.99435185 | 32.67265 | -117.117413 |
| 5.6651620 | 32.670293 | -117.121507 | 5.82084491 | 32.67025 | -117.120627 | 5.99445602 | 32.67265 | -117.117413 |
| 5.6652894 | 32.670293 | -117.121507 | 5.82101852 | 32.67025 | -117.1206 | 5.99462963 | 32.67266 | -117.117413 |
| 5.6654630 | 32.670293 | -117.121507 | 5.82119213 | 32.67025 | -117.1206 | 5.99480324 | 32.67267 | -117.117387 |
| 5.6656366 | 32.670293 | -117.121507 | 5.82136574 | 32.67026 | -117.1206 | 5.99497685 | 32.67267 | -117.117387 |
| 5.6658102 | 32.670293 | -117.121507 | 5.82153935 | 32.67026 | -117.120587 | 5.99515046 | 32.67267 | -117.117387 |
| 5.6660301 | 32.670293 | -117.121507 | 5.82171296 | 32.67027 | -117.120587 | 5.99532407 | 32.67267 | -117.117387 |
| 5.6661574 | 32.670293 | -117.121507 | 5.82482639 | 32.67035 | -117.120427 | 5.99550926 | 32.67267 | -117.117387 |
| 5.6663194 | 32.670293 | -117.121507 | 5.82501157 | 32.67035 | -117.120413 | 5.99565972 | 32.67268 | -117.117347 |
| 5.6664931 | 32.670293 | -117.121507 | 5.82518519 | 32.67035 | -117.120413 | 5.99584491 | 32.67268 | -117.117347 |
| 5.6666667 | 32.670293 | -117.121507 | 5.8253588 | 32.67035 | -117.1204 | 5.99636574 | 32.67269 | -117.117307 |
| 5.6668403 | 32.670293 | -117.121507 | 5.82553241 | 32.67035 | -117.1204 | 5.99653935 | 32.67269 | -117.117307 |
| 5.6670139 | 32.670293 | -117.121520 | 5.82577546 | 32.67035 | -117.1204 | 5.99678241 | 32.67269 | -117.117307 |
| 5.6671875 | 32.670293 | -117.121520 | 5.82587963 | 32.67035 | -117.1204 | 5.99688657 | 32.6727 | -117.117307 |
| 5.6673611 | 32.670293 | -117.121520 | 5.82605324 | 32.67035 | -117.1204 | 5.99704861 | 32.6727 | -117.117307 |
| 5.6675347 | 32.670293 | -117.121520 | 5.82622685 | 32.67036 | -117.120373 | 5.99722222 | 32.6727 | -117.11728 |
| 5.6677083 | 32.670293 | -117.121520 | 5.82640046 | 32.67036 | -117.12036 | 5.99740741 | 32.6727 | -117.11728 |
| 5.6694560 | 32.670283 | -117.121587 | 5.82657407 | 32.67036 | -117.120347 | 5.99758102 | 32.67271 | -117.117253 |
| 5.6696296 | 32.670283 | -117.121587 | 5.82674769 | 32.67036 | -117.120347 | 5.99775463 | 32.67271 | -117.117253 |
| 5.6697917 | 32.670283 | -117.121587 | 5.82693287 | 32.67037 | -117.120333 | 5.99791667 | 32.67271 | -117.117253 |
| 5.6699653 | 32.670283 | -117.121587 | 5.82708333 | 32.67037 | -117.120333 | 5.99809028 | 32.67271 | -117.117227 |
| 5.6701389 | 32.670283 | -117.121587 | 5.82725694 | 32.67037 | -117.120333 | 5.99826389 | 32.67272 | -117.117227 |
| 5.6703125 | 32.670280 | -117.121600 | 5.82743056 | 32.67038 | -117.120307 | 5.9984375 | 32.67272 | -117.1172 |
| 5.6704861 | 32.670283 | -117.121600 | 5.82767361 | 32.67037 | -117.120307 | 5.99862269 | 32.67273 | -117.1172 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6706597 | 32.670280 | -117.121613 | 5.82778935 | 32.67037 | -117.120307 | 5.9987963 | 32.67273 | -117.1172 |
| 5.6708333 | 32.670280 | -117.121613 | 5.82796296 | 32.67038 | -117.120293 | 5.99895833 | 32.67273 | -117.117187 |
| 5.6710069 | 32.670280 | -117.121613 | 5.83038194 | 32.67041 | -117.120213 | 5.99913194 | 32.67273 | -117.117187 |
| 5.6711806 | 32.670280 | -117.121613 | 5.83055556 | 32.67041 | -117.120213 | 5.99934028 | 32.67273 | -117.117187 |
| 5.6713542 | 32.670280 | -117.121613 | 5.83072917 | 32.67041 | -117.120213 | 5.99949074 | 32.67273 | -117.117187 |
| 5.6715278 | 32.670280 | -117.121613 | 5.83090278 | 32.67042 | -117.120213 | 5.99966435 | 32.67275 | -117.117133 |
| 5.6717014 | 32.670280 | -117.121613 | 5.83107639 | 32.67042 | -117.120213 | 6.00121528 | 32.67275 | -117.117133 |
| 5.6719213 | 32.670283 | -117.121613 | 5.83125 | 32.67042 | -117.1202 | 6.00138889 | 32.67276 | -117.117133 |
| 5.6721412 | 32.670280 | -117.121627 | 5.83143519 | 32.67043 | -117.120187 | 6.0015625 | 32.67276 | -117.11712 |
| 5.6722222 | 32.670280 | -117.121627 | 5.8316088 | 32.67044 | -117.120187 | 6.00173611 | 32.67276 | -117.117093 |
| 5.6723958 | 32.670280 | -117.121627 | 5.83178241 | 32.67045 | -117.120187 | 6.00193287 | 32.67277 | -117.11708 |
| 5.6725694 | 32.670280 | -117.121627 | 5.83197917 | 32.67046 | -117.12016 | 6.00209491 | 32.67277 | -117.11708 |
| 5.6727546 | 32.670280 | -117.121653 | 5.83212963 | 32.67047 | -117.120147 | 6.00226852 | 32.67277 | -117.11708 |
| 5.6732755 | 32.670280 | -117.121653 | 5.83229167 | 32.67049 | -117.120133 | 6.00244213 | 32.67277 | -117.11708 |
| 5.6734491 | 32.670280 | -117.121653 | 5.83246528 | 32.6705 | -117.120133 | 6.00261574 | 32.67277 | -117.11708 |
| 5.6736227 | 32.670280 | -117.121653 | 5.83263889 | 32.6705 | -117.12012 | 6.00277778 | 32.67277 | -117.11708 |
| 5.6737963 | 32.670280 | -117.121653 | 5.83290509 | 32.67051 | -117.120107 | 6.00295139 | 32.67278 | -117.11708 |
| 5.6739699 | 32.670283 | -117.121653 | 5.83300926 | 32.67051 | -117.120107 | 6.003125 | 32.67279 | -117.117053 |
| 5.6741435 | 32.670283 | -117.121653 | 5.8331713 | 32.67052 | -117.120107 | 6.00329861 | 32.67279 | -117.117053 |
| 5.6743171 | 32.670283 | -117.121667 | 5.83334491 | 32.67052 | -117.120107 | 6.00347222 | 32.6728 | -117.117027 |
| 5.6744792 | 32.670283 | -117.121667 | 5.83350694 | 32.67053 | -117.120107 | 6.00369213 | 32.6728 | -117.117013 |
| 5.6746528 | 32.670283 | -117.121667 | 5.83403935 | 32.67052 | -117.120067 | 6.00383102 | 32.67281 | -117.117013 |
| 5.6748264 | 32.670283 | -117.121667 | 5.83421296 | 32.67053 | -117.120067 | 6.00400463 | 32.67281 | -117.117013 |
| 5.6750000 | 32.670283 | -117.121667 | 5.83438657 | 32.67053 | -117.120053 | 6.00416667 | 32.67281 | -117.117013 |
| 5.6751852 | 32.670287 | -117.121667 | 5.83459491 | 32.67053 | -117.12004 | 6.00434028 | 32.67281 | -117.117013 |
| 5.6753588 | 32.670287 | -117.121680 | 5.83472222 | 32.67053 | -117.120013 | 6.00451389 | 32.67281 | -117.117013 |
| 5.6755324 | 32.670287 | -117.121680 | 5.83489583 | 32.67053 | -117.120013 | 6.00574074 | 32.67282 | -117.116987 |
| 5.6757060 | 32.670287 | -117.121680 | 5.83508102 | 32.67053 | -117.120013 | 6.00591435 | 32.67282 | -117.116987 |
| 5.6758796 | 32.670287 | -117.121680 | 5.83525463 | 32.67054 | -117.120013 | 6.00608796 | 32.67284 | -117.11696 |
| 5.6760532 | 32.670287 | -117.121680 | 5.83542824 | 32.67054 | -117.12 | 6.00625 | 32.67284 | -117.116947 |
| 5.6762269 | 32.670287 | -117.121680 | 5.83559028 | 32.67054 | -117.12 | 6.00642361 | 32.67284 | -117.116947 |
| 5.6764005 | 32.670297 | -117.121707 | 5.83583333 | 32.67054 | -117.12 | 6.0066088 | 32.67284 | -117.116947 |
| 5.6765741 | 32.670297 | -117.121707 | 5.8359375 | 32.67054 | -117.12 | 6.00678241 | 32.67284 | -117.116947 |
| 5.6770833 | 32.670297 | -117.121707 | 5.83611111 | 32.67054 | -117.119987 | 6.00694444 | 32.67284 | -117.116947 |
| 5.6772569 | 32.670297 | -117.121707 | 5.8362963 | 32.67054 | -117.119973 | 6.00711806 | 32.67284 | -117.116947 |
| 5.6774306 | 32.670297 | -117.121733 | 5.83646991 | 32.67055 | -117.11996 | 6.00729167 | 32.67284 | -117.116933 |
| 5.6776042 | 32.670300 | -117.121733 | 5.83664352 | 32.67056 | -117.11996 | 6.00747685 | 32.67284 | -117.116933 |
| 5.6777894 | 32.670300 | -117.121733 | 5.83681713 | 32.67056 | -117.11996 | 6.00765046 | 32.67285 | -117.116933 |
| 5.6779630 | 32.670300 | -117.121733 | 5.83699074 | 32.67056 | -117.11996 | 6.00782407 | 32.67285 | -117.116933 |
| 5.6781366 | 32.670300 | -117.121733 | 5.83715278 | 32.67056 | -117.11996 | 6.00798611 | 32.67285 | -117.116933 |
| 5.6783102 | 32.670303 | -117.121733 | 5.83732639 | 32.67056 | -117.11996 | 6.00815972 | 32.67285 | -117.116933 |
| 5.6784838 | 32.670303 | -117.121733 | 5.84011574 | 32.67063 | -117.119867 | 6.00834491 | 32.67285 | -117.116933 |
| 5.6786574 | 32.670310 | -117.121747 | 5.84028935 | 32.67064 | -117.119853 | 6.00851852 | 32.67285 | -117.116933 |
| 5.6788194 | 32.670310 | -117.121747 | 5.84052083 | 32.67065 | -117.11984 | 6.00876157 | 32.67285 | -117.116933 |
| 5.6789931 | 32.670317 | -117.121760 | 5.840625 | 32.67065 | -117.11984 | 6.00886574 | 32.67285 | -117.116933 |
| 5.6791667 | 32.670323 | -117.121760 | 5.84081019 | 32.67065 | -117.119827 | 6.00903935 | 32.67285 | -117.116933 |
| 5.6793403 | 32.670333 | -117.121773 | 5.8409838 | 32.67065 | -117.119827 | 6.01197917 | 32.67292 | -117.116787 |
| 5.6795255 | 32.670337 | -117.121800 | 5.84114583 | 32.67065 | -117.119827 | 6.01216435 | 32.67292 | -117.116787 |
| 5.6796991 | 32.670337 | -117.121800 | 5.84137732 | 32.67066 | -117.119827 | 6.01233796 | 32.67292 | -117.116787 |
| 5.6799306 | 32.670340 | -117.121800 | 5.84150463 | 32.67068 | -117.119853 | 6.0125 | 32.67292 | -117.116787 |
| 5.6800347 | 32.670340 | -117.121800 | 5.84167824 | 32.67072 | -117.119907 | 6.01267361 | 32.67292 | -117.116787 |
| 5.6802083 | 32.670347 | -117.121800 | 5.84185185 | 32.67076 | -117.11996 | 6.01284722 | 32.67293 | -117.116787 |
| 5.6803935 | 32.670347 | -117.121800 | 5.84209491 | 32.67079 | -117.11996 | 6.01303241 | 32.67293 | -117.116787 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6821296 | 32.670387 | -117.121800 | 5.84219907 | 32.67079 | -117.11996 | 6.01320602 | 32.67293 | -117.116787 |
| 5.6823032 | 32.670390 | -117.121800 | 5.84236111 | 32.6708 | -117.119933 | 6.01337963 | 32.67293 | -117.11676 |
| 5.6824653 | 32.670407 | -117.121800 | 5.84253472 | 32.6708 | -117.119933 | 6.01354167 | 32.67293 | -117.11676 |
| 5.6826389 | 32.670417 | -117.121800 | 5.84270833 | 32.6708 | -117.11992 | 6.01371528 | 32.67294 | -117.11676 |
| 5.6828125 | 32.670430 | -117.121800 | 5.84292824 | 32.6708 | -117.11992 | 6.01399306 | 32.67295 | -117.116747 |
| 5.6829861 | 32.670450 | -117.121800 | 5.84305556 | 32.6708 | -117.119907 | 6.01407407 | 32.67295 | -117.116733 |
| 5.6831713 | 32.670470 | -117.121800 | 5.84322917 | 32.67081 | -117.119893 | 6.01424769 | 32.67295 | -117.116733 |
| 5.6833449 | 32.670490 | -117.121773 | 5.84601852 | 32.67084 | -117.119867 | 6.0144213 | 32.67296 | -117.116733 |
| 5.6835185 | 32.670513 | -117.121760 | 5.84618056 | 32.67084 | -117.119867 | 6.01459491 | 32.67296 | -117.116733 |
| 5.6837037 | 32.670550 | -117.121773 | 5.84635417 | 32.67084 | -117.119867 | 6.01476852 | 32.67296 | -117.116733 |
| 5.6838542 | 32.670597 | -117.121773 | 5.84653935 | 32.67084 | -117.119867 | 6.01494213 | 32.67296 | -117.116733 |
| 5.6840278 | 32.670613 | -117.121773 | 5.84671296 | 32.67084 | -117.119867 | 6.01511574 | 32.67296 | -117.11672 |
| 5.6842130 | 32.670637 | -117.121760 | 5.84688657 | 32.67084 | -117.119867 | 6.015625 | 32.67298 | -117.11668 |
| 5.6843866 | 32.670653 | -117.121760 | 5.84706019 | 32.67085 | -117.119853 | 6.01579861 | 32.67301 | -117.11664 |
| 5.6845602 | 32.670673 | -117.121773 | 5.8472338 | 32.67085 | -117.119853 | 6.01597222 | 32.67301 | -117.11664 |
| 5.6847338 | 32.670687 | -117.121760 | 5.84740741 | 32.67085 | -117.119853 | 6.01614583 | 32.67301 | -117.11664 |
| 5.6849074 | 32.670703 | -117.121760 | 5.84758102 | 32.67085 | -117.119853 | 6.01631944 | 32.67302 | -117.11664 |
| 5.6850810 | 32.670707 | -117.121760 | 5.84775463 | 32.67085 | -117.119853 | 6.01649306 | 32.67302 | -117.11664 |
| 5.6852894 | 32.670710 | -117.121747 | 5.84792824 | 32.67085 | -117.119853 | 6.01666667 | 32.67302 | -117.11664 |
| 5.6854167 | 32.670717 | -117.121747 | 5.84813657 | 32.67085 | -117.119853 | 6.01684028 | 32.67302 | -117.11664 |
| 5.6862847 | 32.670740 | -117.121733 | 5.84826389 | 32.67085 | -117.119853 | 6.01702546 | 32.67302 | -117.116613 |
| 5.6864583 | 32.670753 | -117.121707 | 5.84855324 | 32.67086 | -117.119853 | 6.01719907 | 32.67302 | -117.116613 |
| 5.6866319 | 32.670767 | -117.121707 | 5.8487963 | 32.67086 | -117.11984 | 6.01737269 | 32.67302 | -117.116613 |
| 5.6868056 | 32.670767 | -117.121707 | 5.84895833 | 32.67086 | -117.11984 | 6.0175463 | 32.67306 | -117.116547 |
| 5.6869792 | 32.670773 | -117.121707 | 5.84913194 | 32.67086 | -117.11984 | 6.01771991 | 32.67306 | -117.116547 |
| 5.6871644 | 32.670777 | -117.121707 | 5.84930556 | 32.67086 | -117.11984 | 6.01788194 | 32.67306 | -117.11652 |
| 5.6873958 | 32.670790 | -117.121693 | 5.85053241 | 32.67087 | -117.119813 | 6.01805556 | 32.67306 | -117.11652 |
| 5.6875000 | 32.670797 | -117.121680 | 5.85069444 | 32.67087 | -117.119813 | 6.01824074 | 32.67306 | -117.11652 |
| 5.6876736 | 32.670803 | -117.121680 | 5.85086806 | 32.67087 | -117.119813 | 6.01841435 | 32.67307 | -117.11652 |
| 5.6878588 | 32.670803 | -117.121667 | 5.85111111 | 32.67088 | -117.119813 | 6.01858796 | 32.67307 | -117.11652 |
| 5.6880324 | 32.670810 | -117.121667 | 5.85121528 | 32.67088 | -117.119813 | 6.01876157 | 32.67307 | -117.11652 |
| 5.6881944 | 32.670817 | -117.121653 | 5.85138889 | 32.67088 | -117.119813 | 6.01893519 | 32.67307 | -117.11652 |
| 5.6883681 | 32.670817 | -117.121653 | 5.8515625 | 32.67088 | -117.119787 | 6.02048611 | 32.6731 | -117.116467 |
| 5.6885417 | 32.670820 | -117.121653 | 5.85174769 | 32.67088 | -117.119787 | 6.02070602 | 32.6731 | -117.116467 |
| 5.6887269 | 32.670827 | -117.121627 | 5.8519213 | 32.67088 | -117.119787 | 6.02083333 | 32.6731 | -117.116467 |
| 5.6889005 | 32.670827 | -117.121613 | 5.85209491 | 32.67088 | -117.119787 | 6.02100694 | 32.6731 | -117.116467 |
| 5.6890741 | 32.670830 | -117.121600 | 5.85226852 | 32.67088 | -117.119787 | 6.02119213 | 32.67311 | -117.116453 |
| 5.6892361 | 32.670833 | -117.121587 | 5.8524537 | 32.67089 | -117.119787 | 6.02136574 | 32.67311 | -117.116453 |
| 5.6894676 | 32.670837 | -117.121587 | 5.85260417 | 32.67089 | -117.119787 | 6.02153935 | 32.67311 | -117.11644 |
| 5.6895949 | 32.670840 | -117.121560 | 5.85277778 | 32.67089 | -117.119787 | 6.02171296 | 32.67312 | -117.11644 |
| 5.6901042 | 32.670850 | -117.121547 | 5.85304398 | 32.67089 | -117.119787 | 6.021875 | 32.67312 | -117.11644 |
| 5.6902778 | 32.670857 | -117.121533 | 5.853125 | 32.67089 | -117.119787 | 6.02204861 | 32.67312 | -117.11644 |
| 5.6904514 | 32.670857 | -117.121533 | 5.85329861 | 32.67089 | -117.119773 | 6.02222222 | 32.67312 | -117.11644 |
| 5.6906250 | 32.670863 | -117.121520 | 5.85347222 | 32.67089 | -117.119773 | 6.02239583 | 32.67312 | -117.116427 |
| 5.6907986 | 32.670867 | -117.121507 | 5.85364583 | 32.67089 | -117.119773 | 6.02258102 | 32.67312 | -117.116427 |
| 5.6909838 | 32.670870 | -117.121480 | 5.85381944 | 32.67089 | -117.119773 | 6.02275463 | 32.67312 | -117.116427 |
| 5.6911574 | 32.670870 | -117.121467 | 5.85503472 | 32.6709 | -117.11976 | 6.02291667 | 32.67312 | -117.116427 |
| 5.6913194 | 32.670867 | -117.121467 | 5.85520833 | 32.67091 | -117.119747 | 6.02309028 | 32.67312 | -117.116427 |
| 5.6914931 | 32.670863 | -117.121453 | 5.85547454 | 32.67091 | -117.119747 | 6.02326389 | 32.67312 | -117.116427 |
| 5.6916782 | 32.670863 | -117.121413 | 5.85555556 | 32.67091 | -117.119747 | 6.0234375 | 32.67312 | -117.116427 |
| 5.6918519 | 32.670863 | -117.121413 | 5.85579861 | 32.67091 | -117.119747 | 6.02361111 | 32.67312 | -117.1164 |
| 5.6920255 | 32.670873 | -117.121413 | 5.85606482 | 32.67091 | -117.119747 | 6.02552083 | 32.67314 | -117.116387 |
| 5.6921991 | 32.670877 | -117.121400 | 5.85626157 | 32.67091 | -117.119747 | 6.02569444 | 32.67314 | -117.116387 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6923727 | 32.670883 | -117.121400 | 5.85645833 | 32.67091 | -117.119747 | 6.02586806 | 32.67315 | -117.116387 |
| 5.6925579 | 32.670887 | -117.121387 | 5.85663194 | 32.67092 | -117.119747 | 6.02604167 | 32.67316 | -117.11636 |
| 5.6927083 | 32.670883 | -117.121387 | 5.85678241 | 32.67092 | -117.11972 | 6.02621528 | 32.67316 | -117.11636 |
| 5.6928819 | 32.670877 | -117.121360 | 5.85695602 | 32.67092 | -117.11972 | 6.02638889 | 32.67316 | -117.11636 |
| 5.6930556 | 32.670877 | -117.121360 | 5.85712963 | 32.67092 | -117.11972 | 6.0265625 | 32.67316 | -117.11636 |
| 5.6932292 | 32.670877 | -117.121333 | 5.85729167 | 32.67092 | -117.11972 | 6.02673611 | 32.67316 | -117.116347 |
| 5.6934028 | 32.670883 | -117.121333 | 5.85746528 | 32.67093 | -117.11972 | 6.0269213 | 32.67316 | -117.116347 |
| 5.6939352 | 32.670893 | -117.121307 | 5.85763889 | 32.67093 | -117.11972 | 6.02709491 | 32.67316 | -117.116347 |
| 5.6941088 | 32.670893 | -117.121293 | 5.85795139 | 32.67093 | -117.11972 | 6.02726852 | 32.67317 | -117.116347 |
| 5.6942824 | 32.670900 | -117.121267 | 5.8581713 | 32.67094 | -117.11972 | 6.02743056 | 32.67317 | -117.116347 |
| 5.6944560 | 32.670903 | -117.121267 | 5.85841435 | 32.67094 | -117.11972 | 6.02760417 | 32.67317 | -117.116347 |
| 5.6946296 | 32.670920 | -117.121267 | 5.85851852 | 32.67094 | -117.11972 | 6.02777778 | 32.67317 | -117.116347 |
| 5.6948032 | 32.670927 | -117.121267 | 5.85869213 | 32.67094 | -117.11972 | 6.02795139 | 32.67317 | -117.116347 |
| 5.6949769 | 32.670930 | -117.121253 | 5.85921296 | 32.67094 | -117.11972 | 6.028125 | 32.67317 | -117.116347 |
| 5.6951505 | 32.670937 | -117.121253 | 5.859375 | 32.67094 | -117.11972 | 6.02829861 | 32.67317 | -117.116347 |
| 5.6953241 | 32.670943 | -117.121240 | 5.85954861 | 32.67095 | -117.119707 | 6.0284838 | 32.67317 | -117.116347 |
| 5.6954977 | 32.670950 | -117.121213 | 5.85974537 | 32.67095 | -117.119707 | 6.02865741 | 32.67317 | -117.116347 |
| 5.6956713 | 32.670950 | -117.121213 | 5.86001157 | 32.67095 | -117.119707 | 6.02883102 | 32.67317 | -117.116347 |
| 5.6958449 | 32.670950 | -117.121213 | 5.86009259 | 32.67095 | -117.119693 | 6.03056713 | 32.67318 | -117.11632 |
| 5.6960532 | 32.670950 | -117.121187 | 5.86024306 | 32.67095 | -117.119693 | 6.03074074 | 32.67318 | -117.11632 |
| 5.6961806 | 32.670950 | -117.121187 | 5.86041667 | 32.67096 | -117.119693 | 6.03091435 | 32.67318 | -117.11632 |
| 5.6963657 | 32.670950 | -117.121160 | 5.86060185 | 32.67096 | -117.119693 | 6.03108796 | 32.67318 | -117.116307 |
| 5.6965394 | 32.670940 | -117.121147 | 5.86077546 | 32.67096 | -117.119693 | 6.03126157 | 32.67319 | -117.116307 |
| 5.6967130 | 32.670930 | -117.121147 | 5.8609375 | 32.67096 | -117.11968 | 6.03143519 | 32.67319 | -117.116307 |
| 5.6968981 | 32.670927 | -117.121120 | 5.86111111 | 32.67096 | -117.11968 | 6.03159722 | 32.67319 | -117.116307 |
| 5.6970486 | 32.670930 | -117.121120 | 5.86133102 | 32.67097 | -117.11968 | 6.03177083 | 32.67319 | -117.116293 |
| 5.6972222 | 32.670930 | -117.121120 | 5.86150463 | 32.67097 | -117.11968 | 6.03194444 | 32.67319 | -117.116293 |
| 5.6981250 | 32.670920 | -117.121080 | 5.86163194 | 32.67097 | -117.11968 | 6.03212963 | 32.67319 | -117.116293 |
| 5.6982639 | 32.670913 | -117.121067 | 5.86181713 | 32.67097 | -117.11968 | 6.03230324 | 32.67319 | -117.116293 |
| 5.6984491 | 32.670913 | -117.121067 | 5.86199074 | 32.67097 | -117.11968 | 6.03247685 | 32.67319 | -117.11628 |
| 5.6986227 | 32.670913 | -117.121067 | 5.86216435 | 32.67097 | -117.11968 | 6.03263889 | 32.67319 | -117.11628 |
| 5.6987963 | 32.670910 | -117.121027 | 5.86233796 | 32.67097 | -117.119667 | 6.03282407 | 32.67319 | -117.11628 |
| 5.6989699 | 32.670907 | -117.121013 | 5.8625 | 32.67098 | -117.119667 | 6.03299769 | 32.67319 | -117.11628 |
| 5.6991551 | 32.670910 | -117.121000 | 5.86475694 | 32.67103 | -117.119613 | 6.0331713 | 32.6732 | -117.11628 |
| 5.6993056 | 32.670910 | -117.120973 | 5.86493056 | 32.67105 | -117.1196 | 6.03334491 | 32.67325 | -117.116293 |
| 5.6994792 | 32.670907 | -117.120973 | 5.86519676 | 32.67105 | -117.1196 | 6.03350694 | 32.67327 | -117.11632 |
| 5.6996528 | 32.670900 | -117.120947 | 5.86528935 | 32.67105 | -117.1196 | 6.03368056 | 32.6733 | -117.116347 |
| 5.6998264 | 32.670900 | -117.120947 | 5.86553241 | 32.67106 | -117.1196 | 6.034375 | 32.6733 | -117.116347 |
| 5.7000000 | 32.670900 | -117.120933 | 5.86563657 | 32.67106 | -117.1196 | 6.03454861 | 32.6733 | -117.116347 |
| 5.7001736 | 32.670903 | -117.120920 | 5.86581019 | 32.67106 | -117.1196 | 6.0347338 | 32.6733 | -117.116347 |
| 5.7003935 | 32.670907 | -117.120920 | 5.8659838 | 32.67106 | -117.119587 | 6.03490741 | 32.67329 | -117.116347 |
| 5.7005208 | 32.670900 | -117.120893 | 5.86615741 | 32.67107 | -117.119587 | 6.03508102 | 32.67329 | -117.116347 |
| 5.7006944 | 32.670893 | -117.120880 | 5.86633102 | 32.67108 | -117.119587 | 6.03525463 | 32.67329 | -117.116347 |
| 5.7008681 | 32.670900 | -117.120867 | 5.86650463 | 32.6711 | -117.119547 | 6.03542824 | 32.67329 | -117.116347 |
| 5.7010880 | 32.670903 | -117.120840 | 5.86667824 | 32.6711 | -117.119547 | 6.03560185 | 32.67329 | -117.116347 |
| 5.7012616 | 32.670893 | -117.120813 | 5.86685185 | 32.67111 | -117.119547 | 6.03577546 | 32.67329 | -117.116347 |
| 5.7014005 | 32.670887 | -117.120813 | 5.86702546 | 32.67111 | -117.119547 | 6.03594907 | 32.67329 | -117.116347 |
| 5.7020949 | 32.670900 | -117.120733 | 5.86719907 | 32.67111 | -117.119547 | 6.03612269 | 32.67329 | -117.11632 |
| 5.7022685 | 32.670890 | -117.120733 | 5.86736111 | 32.67111 | -117.119547 | 6.0362963 | 32.67329 | -117.11632 |
| 5.7024421 | 32.670883 | -117.120720 | 5.86753472 | 32.67111 | -117.119533 | 6.03646991 | 32.67329 | -117.11632 |
| 5.7026157 | 32.670870 | -117.120707 | 5.86771991 | 32.67111 | -117.119533 | 6.03664352 | 32.67329 | -117.11632 |
| 5.7027894 | 32.670870 | -117.120693 | 5.86789352 | 32.67112 | -117.119533 | 6.03681713 | 32.67329 | -117.11632 |
| 5.7029630 | 32.670863 | -117.120693 | 5.86805556 | 32.67112 | -117.119533 | 6.03699074 | 32.67329 | -117.11632 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7031366 | 32.670857 | -117.120667 | 5.86858796 | 32.67112 | -117.119533 | 6.03716435 | 32.67329 | -117.11632 |
| 5.7032986 | 32.670847 | -117.120653 | 5.86876157 | 32.67112 | -117.119533 | 6.03733796 | 32.67329 | -117.11632 |
| 5.7034722 | 32.670840 | -117.120640 | 5.86893519 | 32.67112 | -117.11952 | 6.03751157 | 32.67329 | -117.11632 |
| 5.7036458 | 32.670833 | -117.120627 | 5.8691088 | 32.67113 | -117.11952 | 6.03768519 | 32.67329 | -117.116307 |
| 5.7038194 | 32.670820 | -117.120600 | 5.86927083 | 32.67113 | -117.11952 | 6.03871528 | 32.67329 | -117.116307 |
| 5.7039931 | 32.670803 | -117.120600 | 5.86944444 | 32.67113 | -117.11952 | 6.03888889 | 32.67329 | -117.116307 |
| 5.7041667 | 32.670790 | -117.120600 | 5.86961806 | 32.67113 | -117.11952 | 6.0390625 | 32.67329 | -117.116307 |
| 5.7043403 | 32.670773 | -117.120600 | 5.86979167 | 32.67115 | -117.11948 | 6.03923611 | 32.67329 | -117.116293 |
| 5.7045139 | 32.670763 | -117.120600 | 5.86998843 | 32.67117 | -117.11944 | 6.03940972 | 32.67329 | -117.116293 |
| 5.7046875 | 32.670760 | -117.120600 | 5.87015046 | 32.67117 | -117.11944 | 6.03958333 | 32.67329 | -117.116293 |
| 5.7048611 | 32.670753 | -117.120600 | 5.87032407 | 32.67117 | -117.11944 | 6.03975694 | 32.67329 | -117.116293 |
| 5.7050463 | 32.670740 | -117.120600 | 5.87049769 | 32.67118 | -117.11944 | 6.03993056 | 32.67329 | -117.116293 |
| 5.7052199 | 32.670737 | -117.120627 | 5.87065972 | 32.67118 | -117.11944 | 6.04010417 | 32.67329 | -117.116293 |
| 5.7053935 | 32.670730 | -117.120653 | 5.87083333 | 32.67118 | -117.11944 | 6.04027778 | 32.6733 | -117.116293 |
| 5.7062616 | 32.670710 | -117.120747 | 5.87105324 | 32.67119 | -117.119413 | 6.04045139 | 32.6733 | -117.116293 |
| 5.7064352 | 32.670710 | -117.120773 | 5.87118056 | 32.67119 | -117.119413 | 6.040625 | 32.6733 | -117.116293 |
| 5.7066088 | 32.670703 | -117.120787 | 5.87135417 | 32.6712 | -117.1194 | 6.04079861 | 32.6733 | -117.116293 |
| 5.7067824 | 32.670707 | -117.120800 | 5.87153935 | 32.6712 | -117.1194 | 6.04097222 | 32.6733 | -117.116293 |
| 5.7070255 | 32.670707 | -117.120813 | 5.87171296 | 32.67121 | -117.1194 | 6.04114583 | 32.6733 | -117.11628 |
| 5.7071528 | 32.670703 | -117.120840 | 5.87188657 | 32.67121 | -117.119387 | 6.04131944 | 32.6733 | -117.11628 |
| 5.7073032 | 32.670710 | -117.120840 | 5.87362269 | 32.67128 | -117.119293 | 6.04149306 | 32.6733 | -117.11628 |
| 5.7074769 | 32.670707 | -117.120840 | 5.8737963 | 32.67128 | -117.119293 | 6.04166667 | 32.6733 | -117.11628 |
| 5.7076505 | 32.670707 | -117.120840 | 5.87396991 | 32.67128 | -117.119293 | 6.04184028 | 32.6733 | -117.11628 |
| 5.7078935 | 32.670707 | -117.120840 | 5.87421296 | 32.67128 | -117.119293 | 6.04201389 | 32.6733 | -117.11628 |
| 5.7080903 | 32.670703 | -117.120840 | 5.87431713 | 32.67128 | -117.119293 | 6.04305556 | 32.6733 | -117.116253 |
| 5.7081713 | 32.670693 | -117.120840 | 5.87447917 | 32.67129 | -117.119267 | 6.04322917 | 32.6733 | -117.116253 |
| 5.7083449 | 32.670687 | -117.120840 | 5.87465278 | 32.67129 | -117.119267 | 6.04340278 | 32.6733 | -117.116253 |
| 5.7085069 | 32.670693 | -117.120840 | 5.87482639 | 32.67129 | -117.119267 | 6.04357639 | 32.67331 | -117.116253 |
| 5.7086806 | 32.670693 | -117.120853 | 5.87501157 | 32.67129 | -117.119267 | 6.04375 | 32.67331 | -117.116253 |
| 5.7088657 | 32.670687 | -117.120853 | 5.87518519 | 32.6713 | -117.119267 | 6.04392361 | 32.67331 | -117.116253 |
| 5.7090394 | 32.670687 | -117.120853 | 5.8753588 | 32.6713 | -117.119267 | 6.04409722 | 32.67331 | -117.116253 |
| 5.7092014 | 32.670673 | -117.120867 | 5.87553241 | 32.6713 | -117.119267 | 6.04427083 | 32.67331 | -117.116253 |
| 5.7093750 | 32.670667 | -117.120867 | 5.87570602 | 32.6713 | -117.119253 | 6.04444444 | 32.67331 | -117.116253 |
| 5.7095486 | 32.670663 | -117.120867 | 5.87586806 | 32.6713 | -117.119253 | 6.04461806 | 32.67331 | -117.116253 |
| 5.7100810 | 32.670670 | -117.120880 | 5.87604167 | 32.67131 | -117.119253 | 6.04479167 | 32.67331 | -117.116253 |
| 5.7102546 | 32.670660 | -117.120893 | 5.87621528 | 32.67131 | -117.11924 | 6.04496528 | 32.67331 | -117.116253 |
| 5.7104282 | 32.670647 | -117.120920 | 5.87638889 | 32.67131 | -117.11924 | 6.04513889 | 32.67331 | -117.116253 |
| 5.7106019 | 32.670647 | -117.120920 | 5.8765625 | 32.67131 | -117.119227 | 6.0453125 | 32.67331 | -117.116253 |
| 5.7107639 | 32.670647 | -117.120920 | 5.8768287 | 32.67132 | -117.119227 | 6.04548611 | 32.67332 | -117.116253 |
| 5.7109375 | 32.670637 | -117.120920 | 5.87690972 | 32.67132 | -117.119227 | 6.04565972 | 32.67332 | -117.116227 |
| 5.7111111 | 32.670630 | -117.120920 | 5.87796296 | 32.67136 | -117.1192 | 6.04583333 | 32.67332 | -117.116227 |
| 5.7112847 | 32.670623 | -117.120920 | 5.87813657 | 32.67136 | -117.1192 | 6.04600694 | 32.67332 | -117.116227 |
| 5.7114699 | 32.670613 | -117.120920 | 5.87831019 | 32.67136 | -117.119187 | 6.04618056 | 32.67332 | -117.116227 |
| 5.7116435 | 32.670597 | -117.120920 | 5.8784838 | 32.67136 | -117.119187 | 6.04635417 | 32.67333 | -117.116227 |
| 5.7118171 | 32.670597 | -117.120933 | 5.87865741 | 32.67136 | -117.119187 | 6.046875 | 32.67333 | -117.116213 |
| 5.7120602 | 32.670580 | -117.120947 | 5.87883102 | 32.67136 | -117.119187 | 6.04704861 | 32.67333 | -117.116213 |
| 5.7121644 | 32.670573 | -117.120947 | 5.87900463 | 32.67137 | -117.119187 | 6.04722222 | 32.67333 | -117.116213 |
| 5.7123958 | 32.670563 | -117.120973 | 5.87917824 | 32.67137 | -117.119187 | 6.04739583 | 32.67333 | -117.116213 |
| 5.7125000 | 32.670560 | -117.120973 | 5.87935185 | 32.67139 | -117.119147 | 6.04756944 | 32.67333 | -117.116213 |
| 5.7126852 | 32.670550 | -117.120973 | 5.87952546 | 32.6714 | -117.119147 | 6.04774306 | 32.67333 | -117.116213 |
| 5.7128588 | 32.670540 | -117.121000 | 5.87969907 | 32.67142 | -117.119093 | 6.04791667 | 32.67333 | -117.116213 |
| 5.7130903 | 32.670527 | -117.121013 | 5.87991898 | 32.67142 | -117.119093 | 6.04809028 | 32.67333 | -117.116213 |
| 5.7131944 | 32.670517 | -117.121013 | 5.8800463 | 32.67142 | -117.11908 | 6.04826389 | 32.67333 | -117.116213 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7133796 | 32.670517 | -117.121027 | 5.88021991 | 32.67142 | -117.11908 | 6.0484375 | 32.67333 | -117.116213 |
| 5.7138889 | 32.670490 | -117.121067 | 5.88038194 | 32.67142 | -117.11908 | 6.04861111 | 32.67334 | -117.116213 |
| 5.7140625 | 32.670487 | -117.121067 | 5.88055556 | 32.67142 | -117.11908 | 6.04878472 | 32.67334 | -117.116213 |
| 5.7142361 | 32.670477 | -117.121080 | 5.88072917 | 32.67142 | -117.11908 | 6.04895833 | 32.67334 | -117.116213 |
| 5.7144213 | 32.670477 | -117.121093 | 5.88090278 | 32.67143 | -117.119053 | 6.04913194 | 32.67334 | -117.116213 |
| 5.7145949 | 32.670477 | -117.121107 | 5.88108796 | 32.67143 | -117.119053 | 6.04930556 | 32.67334 | -117.116213 |
| 5.7147685 | 32.670453 | -117.121120 | 5.88126157 | 32.67144 | -117.119053 | 6.04947917 | 32.67334 | -117.116213 |
| 5.7149421 | 32.670453 | -117.121120 | 5.88178241 | 32.67144 | -117.11904 | 6.04965278 | 32.67334 | -117.116213 |
| 5.7151157 | 32.670453 | -117.121120 | 5.88195602 | 32.67144 | -117.11904 | 6.04982639 | 32.67334 | -117.116213 |
| 5.7153125 | 32.670453 | -117.121147 | 5.88212963 | 32.67144 | -117.11904 | 6.05 | 32.67334 | -117.116213 |
| 5.7154861 | 32.670453 | -117.121160 | 5.88230324 | 32.67145 | -117.119027 | 6.05017361 | 32.67334 | -117.116213 |
| 5.7157060 | 32.670450 | -117.121187 | 5.88247685 | 32.67145 | -117.119027 | 6.05138889 | 32.67335 | -117.1162 |
| 5.7158102 | 32.670447 | -117.121213 | 5.88263889 | 32.67145 | -117.119027 | 6.0515625 | 32.67335 | -117.1162 |
| 5.7159838 | 32.670440 | -117.121213 | 5.88282407 | 32.67145 | -117.119027 | 6.05173611 | 32.67335 | -117.1162 |
| 5.7161574 | 32.670440 | -117.121227 | 5.88299769 | 32.67145 | -117.119013 | 6.05190972 | 32.67335 | -117.1162 |
| 5.7163194 | 32.670440 | -117.121253 | 5.88315972 | 32.67145 | -117.119013 | 6.05208333 | 32.67335 | -117.1162 |
| 5.7164931 | 32.670440 | -117.121253 | 5.88333333 | 32.67146 | -117.119 | 6.05225694 | 32.67335 | -117.1162 |
| 5.7166667 | 32.670440 | -117.121267 | 5.88350694 | 32.67148 | -117.118947 | 6.05243056 | 32.67335 | -117.1162 |
| 5.7168403 | 32.670430 | -117.121267 | 5.88378472 | 32.67149 | -117.118947 | 6.05260417 | 32.67335 | -117.1162 |
| 5.7170139 | 32.670427 | -117.121307 | 5.88386574 | 32.67149 | -117.118947 | 6.05277778 | 32.67335 | -117.1162 |
| 5.7171991 | 32.670427 | -117.121333 | 5.88405093 | 32.67149 | -117.118947 | 6.05295139 | 32.67335 | -117.1162 |
| 5.7195139 | 32.670453 | -117.121600 | 5.88420139 | 32.67149 | -117.118933 | 6.053125 | 32.67336 | -117.1162 |
| 5.7196181 | 32.670453 | -117.121613 | 5.884375 | 32.67149 | -117.118933 | 6.05329861 | 32.67336 | -117.1162 |
| 5.7197917 | 32.670453 | -117.121627 | 5.88454861 | 32.6715 | -117.118907 | 6.05347222 | 32.67336 | -117.1162 |
| 5.7200116 | 32.670460 | -117.121653 | 5.88472222 | 32.6715 | -117.118907 | 6.05364583 | 32.67336 | -117.1162 |
| 5.7201389 | 32.670460 | -117.121667 | 5.88489583 | 32.67151 | -117.118893 | 6.05381944 | 32.67336 | -117.1162 |
| 5.7203125 | 32.670463 | -117.121680 | 5.88508102 | 32.67152 | -117.11888 | 6.05399306 | 32.67336 | -117.1162 |
| 5.7204861 | 32.670460 | -117.121707 | 5.88559028 | 32.67154 | -117.118853 | 6.05416667 | 32.67336 | -117.1162 |
| 5.7206597 | 32.670460 | -117.121733 | 5.88581019 | 32.67154 | -117.118827 | 6.05434028 | 32.67336 | -117.1162 |
| 5.7208565 | 32.670467 | -117.121760 | 5.8859375 | 32.67154 | -117.118827 | 6.05451389 | 32.67336 | -117.1162 |
| 5.7210069 | 32.670467 | -117.121800 | 5.88611111 | 32.67154 | -117.118827 | 6.0546875 | 32.67336 | -117.1162 |
| 5.7211921 | 32.670470 | -117.121800 | 5.8862963 | 32.67155 | -117.118827 | 6.05520833 | 32.67337 | -117.1162 |
| 5.7213657 | 32.670477 | -117.121827 | 5.88646991 | 32.67155 | -117.118813 | 6.05539352 | 32.67337 | -117.1162 |
| 5.7215394 | 32.670477 | -117.121853 | 5.88663194 | 32.67155 | -117.118813 | 6.05556713 | 32.67337 | -117.1162 |
| 5.7217130 | 32.670480 | -117.121853 | 5.88680556 | 32.67155 | -117.118813 | 6.05574074 | 32.67337 | -117.1162 |
| 5.7218866 | 32.670480 | -117.121880 | 5.88699074 | 32.67155 | -117.118813 | 6.05591435 | 32.67337 | -117.1162 |
| 5.7221065 | 32.670480 | -117.121920 | 5.88716435 | 32.67157 | -117.1188 | 6.05608796 | 32.67337 | -117.1162 |
| 5.7222338 | 32.670483 | -117.121947 | 5.88732639 | 32.67158 | -117.118787 | 6.05626157 | 32.67337 | -117.1162 |
| 5.7224074 | 32.670487 | -117.121947 | 5.8875 | 32.67158 | -117.11876 | 6.05643519 | 32.67337 | -117.1162 |
| 5.7225810 | 32.670487 | -117.121973 | 5.88767361 | 32.67158 | -117.11876 | 6.0566088 | 32.67337 | -117.1162 |
| 5.7246528 | 32.670523 | -117.122133 | 5.8878588 | 32.67158 | -117.11876 | 6.05678241 | 32.67338 | -117.1162 |
| 5.7248958 | 32.670527 | -117.122187 | 5.88803241 | 32.67158 | -117.11876 | 6.05695602 | 32.67338 | -117.1162 |
| 5.7250000 | 32.670533 | -117.122187 | 5.88820602 | 32.67159 | -117.11876 | 6.05712963 | 32.67338 | -117.1162 |
| 5.7251852 | 32.670537 | -117.122213 | 5.8883912 | 32.67159 | -117.11876 | 6.05730324 | 32.67338 | -117.1162 |
| 5.7253588 | 32.670540 | -117.122227 | 5.88854167 | 32.67159 | -117.11876 | 6.05747685 | 32.67338 | -117.1162 |
| 5.7255324 | 32.670543 | -117.122253 | 5.88871528 | 32.67159 | -117.118747 | 6.05765046 | 32.67338 | -117.1162 |
| 5.7257060 | 32.670543 | -117.122267 | 5.88888889 | 32.67159 | -117.118747 | 6.05782407 | 32.67338 | -117.1162 |
| 5.7259028 | 32.670550 | -117.122293 | 5.88959491 | 32.6716 | -117.118747 | 6.05799769 | 32.67338 | -117.1162 |
| 5.7260532 | 32.670550 | -117.122320 | 5.88976852 | 32.6716 | -117.118733 | 6.0581713 | 32.67339 | -117.1162 |
| 5.7262616 | 32.670553 | -117.122347 | 5.88998843 | 32.6716 | -117.118733 | 6.05834491 | 32.67339 | -117.1162 |
| 5.7263889 | 32.670553 | -117.122360 | 5.89011574 | 32.6716 | -117.118733 | 6.05851852 | 32.67339 | -117.1162 |
| 5.7265972 | 32.670557 | -117.122373 | 5.89027778 | 32.6716 | -117.118733 | 6.05920139 | 32.67339 | -117.1162 |
| 5.7267477 | 32.670560 | -117.122400 | 5.89045139 | 32.6716 | -117.118733 | 6.059375 | 32.67339 | -117.1162 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7269213 | 32.670560 | -117.122413 | 5.890625 | 32.6716 | -117.118733 | 6.05954861 | 32.67339 | -117.1162 |
| 5.7270949 | 32.670563 | -117.122427 | 5.89081019 | 32.67162 | -117.118707 | 6.05972222 | 32.67339 | -117.1162 |
| 5.72726852 | 32.67056 | -117.122467 | 5.89105324 | 32.67162 | -117.118707 | 6.05989583 | 32.67339 | -117.1162 |
| 5.72744213 | 32.67056 | -117.122467 | 5.89115741 | 32.67163 | -117.118667 | 6.06006944 | 32.67339 | -117.1162 |
| 5.72761574 | 32.67057 | -117.12248 | 5.89133102 | 32.67166 | -117.118613 | 6.06024306 | 32.67339 | -117.1162 |
| 5.72778935 | 32.67057 | -117.122507 | 5.89150463 | 32.67167 | -117.118587 | 6.06041667 | 32.6734 | -117.1162 |
| 5.72795139 | 32.67057 | -117.12252 | 5.89166667 | 32.67167 | -117.118587 | 6.06059028 | 32.6734 | -117.1162 |
| 5.72847222 | 32.67058 | -117.122587 | 5.89188657 | 32.67167 | -117.118587 | 6.06076389 | 32.6734 | -117.1162 |
| 5.72864583 | 32.67058 | -117.122613 | 5.89201389 | 32.67167 | -117.118573 | 6.0609375 | 32.6734 | -117.1162 |
| 5.72883102 | 32.67058 | -117.122627 | 5.8921875 | 32.67167 | -117.118573 | 6.06111111 | 32.6734 | -117.1162 |
| 5.72900463 | 32.67058 | -117.122653 | 5.89236111 | 32.67167 | -117.118573 | 6.06128472 | 32.6734 | -117.1162 |
| 5.72927083 | 32.67058 | -117.122693 | 5.89253472 | 32.67168 | -117.11856 | 6.06145833 | 32.6734 | -117.1162 |
| 5.72935185 | 32.67057 | -117.122693 | 5.89271991 | 32.67168 | -117.11856 | 6.06163194 | 32.6734 | -117.1162 |
| 5.72951389 | 32.67057 | -117.12272 | 5.89289352 | 32.67168 | -117.11856 | 6.06180556 | 32.6734 | -117.1162 |
| 5.7296875 | 32.67057 | -117.12276 | 5.89572917 | 32.67175 | -117.118427 | 6.06197917 | 32.6734 | -117.1162 |
| 5.72991898 | 32.67057 | -117.122787 | 5.89583333 | 32.67176 | -117.118413 | 6.06215278 | 32.6734 | -117.1162 |
| 5.7300463 | 32.67056 | -117.1228 | 5.89601852 | 32.67177 | -117.118413 | 6.06232639 | 32.6734 | -117.1162 |
| 5.73021991 | 32.67056 | -117.122813 | 5.89619213 | 32.67178 | -117.118387 | 6.0625 | 32.6734 | -117.1162 |
| 5.73038194 | 32.67056 | -117.122853 | 5.89636574 | 32.67178 | -117.118387 | 6.06528935 | 32.67342 | -117.116173 |
| 5.73055556 | 32.67056 | -117.122867 | 5.89653935 | 32.67178 | -117.118387 | 6.06546296 | 32.67342 | -117.116173 |
| 5.73074074 | 32.67056 | -117.12288 | 5.89671296 | 32.67178 | -117.118387 | 6.06563657 | 32.67342 | -117.11616 |
| 5.73091435 | 32.67056 | -117.122907 | 5.89697917 | 32.67179 | -117.11836 | 6.06581019 | 32.67342 | -117.11616 |
| 5.73108796 | 32.67055 | -117.12292 | 5.89706019 | 32.6718 | -117.11836 | 6.0659838 | 32.67342 | -117.11616 |
| 5.73126157 | 32.67055 | -117.122947 | 5.8972338 | 32.6718 | -117.118347 | 6.06615741 | 32.67342 | -117.11616 |
| 5.73143519 | 32.67055 | -117.12296 | 5.89740741 | 32.6718 | -117.118347 | 6.06633102 | 32.67342 | -117.11616 |
| 5.73159722 | 32.67055 | -117.122987 | 5.89756944 | 32.6718 | -117.118347 | 6.06650463 | 32.67343 | -117.11616 |
| 5.73177083 | 32.67055 | -117.123 | 5.89774306 | 32.67181 | -117.118333 | 6.06667824 | 32.67343 | -117.11616 |
| 5.73271991 | 32.67053 | -117.123093 | 5.89792824 | 32.67181 | -117.118333 | 6.06685185 | 32.67343 | -117.11616 |
| 5.7328125 | 32.67053 | -117.123107 | 5.89810185 | 32.67181 | -117.118333 | 6.06702546 | 32.67343 | -117.11616 |
| 5.73298611 | 32.67053 | -117.123133 | 5.89826389 | 32.67181 | -117.118333 | 6.06719907 | 32.67343 | -117.11616 |
| 5.73315972 | 32.67054 | -117.12316 | 5.8984375 | 32.67181 | -117.118333 | 6.06737269 | 32.67343 | -117.11616 |
| 5.73334491 | 32.67054 | -117.1232 | 5.89863426 | 32.67182 | -117.118333 | 6.0675463 | 32.67343 | -117.11616 |
| 5.73351852 | 32.67054 | -117.1232 | 5.89883102 | 32.67182 | -117.118333 | 6.06771991 | 32.67343 | -117.11616 |
| 5.73369213 | 32.67054 | -117.123213 | 5.89949074 | 32.67185 | -117.118293 | 6.06789352 | 32.67343 | -117.11616 |
| 5.73390046 | 32.67054 | -117.123253 | 5.89966435 | 32.67187 | -117.11828 | 6.06805556 | 32.67343 | -117.11616 |
| 5.73402778 | 32.67054 | -117.12328 | 5.89983796 | 32.67188 | -117.11828 | 6.06822917 | 32.67343 | -117.11616 |
| 5.73429398 | 32.67054 | -117.123307 | 5.90001157 | 32.67191 | -117.118267 | 6.06840278 | 32.67343 | -117.11616 |
| 5.734375 | 32.67054 | -117.12332 | 5.9003125 | 32.67195 | -117.11824 | 6.06857639 | 32.67343 | -117.11616 |
| 5.73454861 | 32.67054 | -117.123333 | 5.90053241 | 32.67197 | -117.118227 | 6.07032407 | 32.67344 | -117.116147 |
| 5.7347338 | 32.67054 | -117.123333 | 5.90069444 | 32.67197 | -117.118213 | 6.07048611 | 32.67344 | -117.116147 |
| 5.73490741 | 32.67054 | -117.123373 | 5.90086806 | 32.67197 | -117.118213 | 6.07065972 | 32.67344 | -117.116147 |
| 5.73506944 | 32.67054 | -117.123387 | 5.90113426 | 32.67197 | -117.118213 | 6.07083333 | 32.67344 | -117.116147 |
| 5.73524306 | 32.67055 | -117.1234 | 5.90121528 | 32.67197 | -117.118213 | 6.07100694 | 32.67344 | -117.116147 |
| 5.73541667 | 32.67055 | -117.123427 | 5.90138889 | 32.67197 | -117.118213 | 6.07122685 | 32.67345 | -117.116147 |
| 5.73560185 | 32.67055 | -117.123453 | 5.9015625 | 32.67197 | -117.118213 | 6.07135417 | 32.67347 | -117.116133 |
| 5.73577546 | 32.67054 | -117.123453 | 5.90173611 | 32.67198 | -117.118213 | 6.07152778 | 32.67349 | -117.116107 |
| 5.73594907 | 32.67054 | -117.123467 | 5.90190972 | 32.67198 | -117.118213 | 6.07170139 | 32.67349 | -117.116107 |
| 5.73646991 | 32.67053 | -117.123533 | 5.90208333 | 32.67198 | -117.118213 | 6.071875 | 32.67349 | -117.116107 |
| 5.73664352 | 32.67053 | -117.123547 | 5.90225694 | 32.67198 | -117.118213 | 6.07204861 | 32.67349 | -117.116107 |
| 5.73681713 | 32.67053 | -117.123573 | 5.90244213 | 32.67198 | -117.118213 | 6.07222222 | 32.67349 | -117.116107 |
| 5.73708333 | 32.67053 | -117.123587 | 5.90261574 | 32.67198 | -117.1182 | 6.07239583 | 32.67349 | -117.116107 |
| 5.73716435 | 32.67053 | -117.1236 | 5.90277778 | 32.67198 | -117.1182 | 6.07256944 | 32.67349 | -117.116107 |
| 5.73732639 | 32.67054 | -117.123613 | 5.90295139 | 32.67198 | -117.1182 | 6.07274306 | 32.67349 | -117.116107 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7375 | 32.67054 | -117.123627 | 5.90364583 | 32.67203 | -117.118147 | 6.07291667 | 32.67349 | -117.116107 |
| 5.73767361 | 32.67054 | -117.123653 | 5.90381944 | 32.67204 | -117.118147 | 6.07309028 | 32.67349 | -117.116107 |
| 5.73784722 | 32.67055 | -117.123667 | 5.90399306 | 32.67205 | -117.118133 | 6.07326389 | 32.67349 | -117.116107 |
| 5.73803241 | 32.67054 | -117.12368 | 5.90417824 | 32.67206 | -117.118133 | 6.0734375 | 32.67349 | -117.116107 |
| 5.73820602 | 32.67053 | -117.123693 | 5.90435185 | 32.67207 | -117.118133 | 6.07361111 | 32.67349 | -117.116107 |

DrEx 111

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5915394 | 32.674163 | -117.115880 | 5.7711921 | 32.667827 | -117.122480 | 5.92934028 | 32.66779 | -117.120253 |
| 5.5916667 | 32.674140 | -117.115880 | 5.7713889 | 32.667827 | -117.122467 | 5.92951389 | 32.66778 | -117.120253 |
| 5.5918403 | 32.674137 | -117.115933 | 5.7715394 | 32.667830 | -117.122467 | 5.9296875 | 32.66779 | -117.120253 |
| 5.5920255 | 32.674117 | -117.115947 | 5.7717130 | 32.667830 | -117.122467 | 5.92987269 | 32.66778 | -117.120253 |
| 5.5921991 | 32.674100 | -117.115947 | 5.7718866 | 32.667830 | -117.122440 | 5.9300463 | 32.66778 | -117.120253 |
| 5.5923727 | 32.674080 | -117.115973 | 5.7720602 | 32.667833 | -117.122440 | 5.93021991 | 32.66777 | -117.120253 |
| 5.5925347 | 32.674060 | -117.115973 | 5.7722338 | 32.667833 | -117.122427 | 5.93039352 | 32.66778 | -117.120227 |
| 5.5927083 | 32.674040 | -117.115973 | 5.7724074 | 32.667833 | -117.122427 | 5.93056713 | 32.66778 | -117.120227 |
| 5.5928819 | 32.674020 | -117.115987 | 5.7725810 | 32.667830 | -117.122427 | 5.93074074 | 32.66778 | -117.120227 |
| 5.5930556 | 32.673993 | -117.115987 | 5.7727546 | 32.667830 | -117.122400 | 5.93091435 | 32.66778 | -117.120213 |
| 5.5932407 | 32.673973 | -117.116000 | 5.7729282 | 32.667827 | -117.122400 | 5.93159722 | 32.66779 | -117.1202 |
| 5.5934144 | 32.673953 | -117.116000 | 5.7731019 | 32.667827 | -117.122373 | 5.93177083 | 32.66779 | -117.120213 |
| 5.5936227 | 32.673927 | -117.116000 | 5.7732755 | 32.667827 | -117.122373 | 5.93194444 | 32.6678 | -117.120213 |
| 5.5937500 | 32.673913 | -117.116013 | 5.7734491 | 32.667827 | -117.122360 | 5.93212963 | 32.6678 | -117.1202 |
| 5.5940278 | 32.673887 | -117.116013 | 5.7739583 | 32.667840 | -117.122293 | 5.93230324 | 32.6678 | -117.120213 |
| 5.5941088 | 32.673877 | -117.116013 | 5.7741319 | 32.667847 | -117.122280 | 5.93247685 | 32.6678 | -117.120213 |
| 5.5942824 | 32.673860 | -117.116027 | 5.7743056 | 32.667850 | -117.122267 | 5.93265046 | 32.6678 | -117.120213 |
| 5.5944560 | 32.673843 | -117.116027 | 5.7744792 | 32.667853 | -117.122253 | 5.93282407 | 32.6678 | -117.120213 |
| 5.5946296 | 32.673823 | -117.116053 | 5.7746528 | 32.667860 | -117.122227 | 5.93299769 | 32.6678 | -117.120213 |
| 5.5948032 | 32.673807 | -117.116053 | 5.7748264 | 32.667867 | -117.122213 | 5.9331713 | 32.6678 | -117.120213 |
| 5.5954977 | 32.673740 | -117.116080 | 5.7750000 | 32.667877 | -117.122200 | 5.93337963 | 32.66779 | -117.120213 |
| 5.5956713 | 32.673723 | -117.116080 | 5.7751852 | 32.667880 | -117.122187 | 5.93350694 | 32.66779 | -117.120213 |
| 5.5958449 | 32.673707 | -117.116093 | 5.7753588 | 32.667887 | -117.122173 | 5.93368056 | 32.66779 | -117.120213 |
| 5.5960185 | 32.673690 | -117.116107 | 5.7755208 | 32.667890 | -117.122173 | 5.93386574 | 32.66778 | -117.120213 |
| 5.5961921 | 32.673673 | -117.116107 | 5.7756944 | 32.667890 | -117.122133 | 5.93403935 | 32.66778 | -117.120213 |
| 5.5963657 | 32.673657 | -117.116107 | 5.7758681 | 32.667900 | -117.122133 | 5.93421296 | 32.66778 | -117.120213 |
| 5.5965394 | 32.673640 | -117.116107 | 5.7760417 | 32.667903 | -117.122120 | 5.93438657 | 32.66777 | -117.120213 |
| 5.5967130 | 32.673623 | -117.116133 | 5.7762153 | 32.667907 | -117.122107 | 5.93456019 | 32.66777 | -117.120213 |
| 5.5968866 | 32.673610 | -117.116133 | 5.7763889 | 32.667913 | -117.122080 | 5.9347338 | 32.66777 | -117.120213 |
| 5.5971181 | 32.673587 | -117.116147 | 5.7765625 | 32.667917 | -117.122080 | 5.93489583 | 32.66777 | -117.120213 |
| 5.5972222 | 32.673577 | -117.116147 | 5.77673611 | 32.66793 | -117.122067 | 5.93611111 | 32.66776 | -117.120227 |
| 5.5974306 | 32.673557 | -117.116160 | 5.77690972 | 32.66794 | -117.122053 | 5.93628472 | 32.66776 | -117.120227 |
| 5.5975810 | 32.673547 | -117.116173 | 5.77721065 | 32.66793 | -117.122027 | 5.93645833 | 32.66776 | -117.120213 |
| 5.5977546 | 32.673537 | -117.116200 | 5.77743056 | 32.66793 | -117.122 | 5.93663194 | 32.66776 | -117.120227 |
| 5.5979282 | 32.673520 | -117.116200 | 5.77869213 | 32.66796 | -117.12188 | 5.93680556 | 32.66776 | -117.120227 |
| 5.5981019 | 32.673507 | -117.116200 | 5.77881944 | 32.66798 | -117.121853 | 5.93697917 | 32.66776 | -117.120227 |
| 5.5982755 | 32.673493 | -117.116213 | 5.77899306 | 32.66798 | -117.121853 | 5.93715278 | 32.66775 | -117.120227 |
| 5.5984722 | 32.673477 | -117.116227 | 5.77916667 | 32.66799 | -117.121853 | 5.93732639 | 32.66775 | -117.120227 |
| 5.5986227 | 32.673470 | -117.116240 | 5.77934028 | 32.66799 | -117.121827 | 5.9375 | 32.66775 | -117.120253 |
| 5.5987847 | 32.673457 | -117.116253 | 5.77951389 | 32.66799 | -117.121813 | 5.93767361 | 32.66775 | -117.120253 |
| 5.6008796 | 32.673290 | -117.116400 | 5.7796875 | 32.668 | -117.1218 | 5.93784722 | 32.66775 | -117.120253 |
| 5.6010532 | 32.673273 | -117.116400 | 5.77986111 | 32.66802 | -117.1218 | 5.9380787 | 32.66775 | -117.120253 |
| 5.6012269 | 32.673267 | -117.116400 | 5.78003472 | 32.66802 | -117.1218 | 5.93820602 | 32.66775 | -117.120253 |
| 5.6013889 | 32.673253 | -117.116427 | 5.78021991 | 32.66803 | -117.121747 | 5.93837963 | 32.66774 | -117.120253 |
| 5.6015625 | 32.673237 | -117.116453 | 5.78039352 | 32.66803 | -117.121733 | 5.93855324 | 32.66774 | -117.120253 |
| 5.6017361 | 32.673223 | -117.116467 | 5.78056713 | 32.66804 | -117.121707 | 5.93872685 | 32.66774 | -117.120253 |
| 5.6019676 | 32.673207 | -117.116493 | 5.78081019 | 32.66805 | -117.121693 | 5.93888889 | 32.66774 | -117.120253 |
| 5.6020949 | 32.673197 | -117.116493 | 5.78091435 | 32.66805 | -117.12168 | 5.9390625 | 32.66774 | -117.120267 |
| 5.6022569 | 32.673187 | -117.116507 | 5.78107639 | 32.66807 | -117.121667 | 5.93923611 | 32.66775 | -117.120267 |
| 5.6024306 | 32.673170 | -117.116520 | 5.78125 | 32.66807 | -117.121667 | 5.94184028 | 32.66775 | -117.120293 |
| 5.6026042 | 32.673157 | -117.116533 | 5.78142361 | 32.66808 | -117.121653 | 5.94201389 | 32.66774 | -117.120293 |
| 5.6027894 | 32.673143 | -117.116547 | 5.78159722 | 32.66809 | -117.121627 | 5.9421875 | 32.66775 | -117.120307 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6029630 | 32.673127 | -117.116547 | 5.78177083 | 32.66809 | -117.121613 | 5.94236111 | 32.66775 | -117.120307 |
| 5.6031250 | 32.673117 | -117.116573 | 5.78231482 | 32.66814 | -117.12156 | 5.94253472 | 32.66775 | -117.120307 |
| 5.6032986 | 32.673103 | -117.116587 | 5.78246528 | 32.66815 | -117.12156 | 5.94270833 | 32.66775 | -117.120307 |
| 5.6034722 | 32.673090 | -117.116600 | 5.78263889 | 32.66816 | -117.121547 | 5.94288194 | 32.66776 | -117.120307 |
| 5.6037153 | 32.673077 | -117.116613 | 5.7828125 | 32.66814 | -117.121533 | 5.94305556 | 32.66775 | -117.120333 |
| 5.6038310 | 32.673063 | -117.116640 | 5.78298611 | 32.66813 | -117.12152 | 5.94322917 | 32.66775 | -117.120333 |
| 5.6040046 | 32.673050 | -117.116653 | 5.7831713 | 32.66815 | -117.12152 | 5.94340278 | 32.66775 | -117.120347 |
| 5.6041667 | 32.673033 | -117.116653 | 5.78334491 | 32.66815 | -117.121507 | 5.94358796 | 32.66775 | -117.120347 |
| 5.6048611 | 32.672977 | -117.116720 | 5.78351852 | 32.66816 | -117.121507 | 5.94376157 | 32.66776 | -117.120347 |
| 5.6050347 | 32.672960 | -117.116733 | 5.78368056 | 32.66816 | -117.12148 | 5.94392361 | 32.66776 | -117.120347 |
| 5.6052083 | 32.672953 | -117.116747 | 5.78385417 | 32.66816 | -117.121467 | 5.94409722 | 32.66776 | -117.120347 |
| 5.6053935 | 32.672940 | -117.116760 | 5.78405093 | 32.66817 | -117.121453 | 5.94427083 | 32.66776 | -117.120347 |
| 5.6055671 | 32.672923 | -117.116787 | 5.78420139 | 32.66817 | -117.121453 | 5.94445602 | 32.66776 | -117.120347 |
| 5.6057407 | 32.672913 | -117.116800 | 5.784375 | 32.66817 | -117.121413 | 5.94462963 | 32.66776 | -117.120347 |
| 5.6059144 | 32.672903 | -117.116800 | 5.78454861 | 32.66817 | -117.121413 | 5.94480324 | 32.66775 | -117.12036 |
| 5.6060880 | 32.672893 | -117.116813 | 5.7847338 | 32.66819 | -117.121413 | 5.94497685 | 32.66775 | -117.12036 |
| 5.6062616 | 32.672883 | -117.116827 | 5.78491898 | 32.6682 | -117.1214 | 5.94515046 | 32.66775 | -117.12036 |
| 5.6064236 | 32.672873 | -117.116840 | 5.78510417 | 32.66822 | -117.121387 | 5.94740741 | 32.66774 | -117.1204 |
| 5.6065972 | 32.672863 | -117.116840 | 5.78525463 | 32.66823 | -117.121373 | 5.94758102 | 32.66774 | -117.1204 |
| 5.6067708 | 32.672850 | -117.116867 | 5.78548611 | 32.66823 | -117.121333 | 5.94775463 | 32.66774 | -117.1204 |
| 5.6069444 | 32.672843 | -117.116867 | 5.78559028 | 32.66824 | -117.12132 | 5.94792824 | 32.66774 | -117.1204 |
| 5.6071181 | 32.672837 | -117.116880 | 5.78612269 | 32.66823 | -117.121267 | 5.94809028 | 32.66774 | -117.1204 |
| 5.6072917 | 32.672823 | -117.116893 | 5.7862963 | 32.66823 | -117.121267 | 5.94826389 | 32.66774 | -117.1204 |
| 5.6074653 | 32.672813 | -117.116907 | 5.78646991 | 32.66823 | -117.121267 | 5.9484375 | 32.66774 | -117.1204 |
| 5.6076968 | 32.672803 | -117.116933 | 5.78664352 | 32.66823 | -117.121267 | 5.94861111 | 32.66774 | -117.1204 |
| 5.6078241 | 32.672800 | -117.116933 | 5.78693287 | 32.66825 | -117.12124 | 5.94878472 | 32.66774 | -117.1204 |
| 5.6080208 | 32.672787 | -117.116933 | 5.78715278 | 32.66825 | -117.121213 | 5.94895833 | 32.66774 | -117.1204 |
| 5.6081713 | 32.672777 | -117.116947 | 5.78739583 | 32.66825 | -117.121187 | 5.94914352 | 32.66774 | -117.120413 |
| 5.6091319 | 32.672727 | -117.117027 | 5.7875 | 32.66824 | -117.121187 | 5.94931713 | 32.66775 | -117.120413 |
| 5.6092361 | 32.672720 | -117.117027 | 5.78767361 | 32.66825 | -117.12116 | 5.94952546 | 32.66775 | -117.120413 |
| 5.6094097 | 32.672713 | -117.117053 | 5.78784722 | 32.66823 | -117.12112 | 5.94965278 | 32.66775 | -117.120413 |
| 5.6095602 | 32.672707 | -117.117080 | 5.78802083 | 32.66822 | -117.12112 | 5.94987269 | 32.66775 | -117.120413 |
| 5.6097222 | 32.672697 | -117.117080 | 5.78819444 | 32.66823 | -117.12112 | 5.95001157 | 32.66775 | -117.120413 |
| 5.6098958 | 32.672683 | -117.117080 | 5.78836806 | 32.66823 | -117.12108 | 5.95018519 | 32.66776 | -117.120427 |
| 5.6100694 | 32.672680 | -117.117093 | 5.78855324 | 32.66821 | -117.121067 | 5.9503588 | 32.66776 | -117.120427 |
| 5.6102431 | 32.672670 | -117.117120 | 5.78872685 | 32.66819 | -117.12104 | 5.95053241 | 32.66776 | -117.12044 |
| 5.6104745 | 32.672657 | -117.117133 | 5.78890046 | 32.6682 | -117.121027 | 5.95263889 | 32.66778 | -117.120453 |
| 5.6106019 | 32.672653 | -117.117133 | 5.78907407 | 32.66821 | -117.121013 | 5.95278935 | 32.66779 | -117.120453 |
| 5.6107755 | 32.672643 | -117.117133 | 5.78924769 | 32.66823 | -117.120973 | 5.95296296 | 32.66779 | -117.120453 |
| 5.6109491 | 32.672633 | -117.117187 | 5.7894213 | 32.66824 | -117.120973 | 5.95313657 | 32.66779 | -117.120453 |
| 5.6111227 | 32.672627 | -117.117200 | 5.78993056 | 32.6683 | -117.120893 | 5.95331019 | 32.66779 | -117.120453 |
| 5.6112963 | 32.672620 | -117.117227 | 5.79010417 | 32.66829 | -117.12088 | 5.95347222 | 32.66779 | -117.120453 |
| 5.6114699 | 32.672610 | -117.117227 | 5.79028935 | 32.66828 | -117.12084 | 5.95364583 | 32.66779 | -117.120453 |
| 5.6116435 | 32.672603 | -117.117253 | 5.79046296 | 32.66827 | -117.120813 | 5.95383102 | 32.66779 | -117.120453 |
| 5.6118171 | 32.672597 | -117.117267 | 5.79063657 | 32.66828 | -117.120813 | 5.95400463 | 32.66779 | -117.120453 |
| 5.6119907 | 32.672590 | -117.117280 | 5.79079861 | 32.66826 | -117.1208 | 5.95417824 | 32.6678 | -117.120453 |
| 5.6121644 | 32.672583 | -117.117307 | 5.79097222 | 32.66825 | -117.120813 | 5.95435185 | 32.6678 | -117.120453 |
| 5.6123380 | 32.672580 | -117.117320 | 5.79114583 | 32.66825 | -117.120813 | 5.95452546 | 32.66779 | -117.12048 |
| 5.6149306 | 32.672500 | -117.117600 | 5.79131944 | 32.66824 | -117.1208 | 5.9546875 | 32.66779 | -117.12048 |
| 5.6151042 | 32.672490 | -117.117600 | 5.79149306 | 32.66825 | -117.120787 | 5.95486111 | 32.6678 | -117.12048 |
| 5.6153125 | 32.672480 | -117.117613 | 5.79167824 | 32.66825 | -117.120787 | 5.95511574 | 32.6678 | -117.120493 |
| 5.6154630 | 32.672473 | -117.117627 | 5.79185185 | 32.66826 | -117.120773 | 5.95521991 | 32.6678 | -117.120493 |
| 5.6156366 | 32.672467 | -117.117653 | 5.79201389 | 32.66825 | -117.120787 | 5.95539352 | 32.6678 | -117.120493 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6158102 | 32.672457 | -117.117653 | 5.7921875 | 32.66823 | -117.120747 | 5.95556713 | 32.6678 | -117.120507 |
| 5.6159838 | 32.672450 | -117.117680 | 5.79236111 | 32.66823 | -117.120747 | 5.95574074 | 32.6678 | -117.120507 |
| 5.6161574 | 32.672443 | -117.117693 | 5.79253472 | 32.66822 | -117.120747 | 5.95591435 | 32.6678 | -117.120507 |
| 5.6163310 | 32.672437 | -117.117720 | 5.79270833 | 32.6682 | -117.120773 | 5.95833333 | 32.6678 | -117.120547 |
| 5.6165046 | 32.672430 | -117.117720 | 5.79288194 | 32.6682 | -117.120773 | 5.95850694 | 32.66781 | -117.120547 |
| 5.6166782 | 32.672420 | -117.117747 | 5.79305556 | 32.6682 | -117.120787 | 5.95868056 | 32.66781 | -117.120547 |
| 5.6168519 | 32.672413 | -117.117747 | 5.79322917 | 32.66821 | -117.120747 | 5.95891204 | 32.66781 | -117.120547 |
| 5.6170255 | 32.672407 | -117.117760 | 5.79605324 | 32.66815 | -117.120867 | 5.95903935 | 32.66781 | -117.120547 |
| 5.6171991 | 32.672400 | -117.117773 | 5.79618056 | 32.66815 | -117.12088 | 5.95928241 | 32.66783 | -117.120547 |
| 5.6173611 | 32.672397 | -117.117787 | 5.79635417 | 32.66815 | -117.12088 | 5.95947917 | 32.66783 | -117.12056 |
| 5.6175347 | 32.672393 | -117.117800 | 5.79652778 | 32.66814 | -117.12088 | 5.95958333 | 32.66784 | -117.120573 |
| 5.6178009 | 32.672380 | -117.117800 | 5.79670139 | 32.66813 | -117.120893 | 5.9597338 | 32.66784 | -117.120573 |
| 5.6178935 | 32.672377 | -117.117800 | 5.796875 | 32.66813 | -117.120893 | 5.95990741 | 32.66784 | -117.120573 |
| 5.6181134 | 32.672370 | -117.117827 | 5.79706019 | 32.66811 | -117.120893 | 5.96008102 | 32.66784 | -117.120587 |
| 5.6203125 | 32.672297 | -117.117987 | 5.7972338 | 32.66809 | -117.120893 | 5.96025463 | 32.66784 | -117.120587 |
| 5.6204861 | 32.672297 | -117.118000 | 5.79740741 | 32.66809 | -117.120893 | 5.96047454 | 32.66784 | -117.120573 |
| 5.6207176 | 32.672293 | -117.118013 | 5.79758102 | 32.66809 | -117.12092 | 5.96059028 | 32.66784 | -117.120587 |
| 5.6208449 | 32.672290 | -117.118040 | 5.79775463 | 32.66808 | -117.12092 | 5.96076389 | 32.66785 | -117.120573 |
| 5.6210185 | 32.672283 | -117.118053 | 5.79792824 | 32.66807 | -117.12092 | 5.96097222 | 32.66785 | -117.12056 |
| 5.6211921 | 32.672277 | -117.118067 | 5.79810185 | 32.66807 | -117.12092 | 5.96112269 | 32.66785 | -117.120573 |
| 5.6213657 | 32.672270 | -117.118067 | 5.79827546 | 32.66806 | -117.12092 | 5.9612963 | 32.66785 | -117.120573 |
| 5.6215278 | 32.672260 | -117.118080 | 5.7984375 | 32.66806 | -117.12092 | 5.96145833 | 32.66785 | -117.120573 |
| 5.6217014 | 32.672260 | -117.118093 | 5.79861111 | 32.66805 | -117.120933 | 5.96284722 | 32.66788 | -117.12056 |
| 5.6218866 | 32.672257 | -117.118120 | 5.79878472 | 32.66804 | -117.120933 | 5.96303241 | 32.66788 | -117.120547 |
| 5.6220602 | 32.672247 | -117.118133 | 5.79895833 | 32.66804 | -117.120947 | 5.96320602 | 32.66788 | -117.12056 |
| 5.6222338 | 32.672240 | -117.118147 | 5.79914352 | 32.66804 | -117.120947 | 5.96336806 | 32.66788 | -117.120547 |
| 5.6224074 | 32.672240 | -117.118147 | 5.80038194 | 32.66803 | -117.120947 | 5.96358796 | 32.66788 | -117.12056 |
| 5.6225810 | 32.672233 | -117.118187 | 5.80053241 | 32.66804 | -117.12096 | 5.96372685 | 32.66789 | -117.12056 |
| 5.6227546 | 32.672230 | -117.118187 | 5.80070602 | 32.66804 | -117.120973 | 5.96390046 | 32.66789 | -117.12056 |
| 5.6229282 | 32.672223 | -117.118200 | 5.80087963 | 32.66805 | -117.120973 | 5.96407407 | 32.66789 | -117.120547 |
| 5.6230903 | 32.672220 | -117.118213 | 5.80105324 | 32.66803 | -117.120973 | 5.96424769 | 32.66789 | -117.120547 |
| 5.6232639 | 32.672217 | -117.118227 | 5.80122685 | 32.66803 | -117.120947 | 5.9644213 | 32.66789 | -117.120547 |
| 5.6234375 | 32.672210 | -117.118240 | 5.80138889 | 32.66802 | -117.120933 | 5.96459491 | 32.66789 | -117.120547 |
| 5.6243171 | 32.672187 | -117.118293 | 5.8015625 | 32.66802 | -117.120947 | 5.96476852 | 32.66789 | -117.120547 |
| 5.6244907 | 32.672187 | -117.118333 | 5.80173611 | 32.66802 | -117.120933 | 5.96494213 | 32.66789 | -117.120547 |
| 5.6246644 | 32.672187 | -117.118333 | 5.80193287 | 32.66801 | -117.120947 | 5.96510417 | 32.66789 | -117.12056 |
| 5.6248264 | 32.672183 | -117.118333 | 5.80209491 | 32.66801 | -117.120947 | 5.96527778 | 32.6679 | -117.12056 |
| 5.6251273 | 32.672177 | -117.118347 | 5.80226852 | 32.668 | -117.120973 | 5.96546296 | 32.66789 | -117.12056 |
| 5.6253472 | 32.672167 | -117.118387 | 5.80244213 | 32.668 | -117.120973 | 5.96563657 | 32.6679 | -117.12056 |
| 5.6255208 | 32.672167 | -117.118387 | 5.80261574 | 32.66799 | -117.121 | 5.96581019 | 32.6679 | -117.12056 |
| 5.6256944 | 32.672160 | -117.118387 | 5.80278935 | 32.66799 | -117.121 | 5.9659838 | 32.6679 | -117.12056 |
| 5.6258681 | 32.672157 | -117.118413 | 5.80296296 | 32.66799 | -117.121 | 5.96615741 | 32.6679 | -117.12056 |
| 5.6260417 | 32.672153 | -117.118427 | 5.80313657 | 32.66798 | -117.121013 | 5.96827546 | 32.66792 | -117.120547 |
| 5.6262269 | 32.672153 | -117.118453 | 5.80331019 | 32.66798 | -117.121013 | 5.96840278 | 32.66793 | -117.120547 |
| 5.6264005 | 32.672147 | -117.118467 | 5.8034838 | 32.66798 | -117.121013 | 5.96857639 | 32.66793 | -117.120547 |
| 5.6265741 | 32.672140 | -117.118467 | 5.80365741 | 32.66797 | -117.121013 | 5.96875 | 32.66793 | -117.120547 |
| 5.6267361 | 32.672137 | -117.118493 | 5.80420139 | 32.66797 | -117.121027 | 5.96892361 | 32.66793 | -117.120547 |
| 5.6269097 | 32.672130 | -117.118520 | 5.80435185 | 32.66796 | -117.121013 | 5.96914352 | 32.66794 | -117.120547 |
| 5.6270833 | 32.672127 | -117.118533 | 5.80452546 | 32.66796 | -117.121013 | 5.96927083 | 32.66794 | -117.120547 |
| 5.6272569 | 32.672120 | -117.118533 | 5.80469907 | 32.66795 | -117.121013 | 5.96944444 | 32.66794 | -117.120547 |
| 5.6274306 | 32.672117 | -117.118560 | 5.80487269 | 32.66794 | -117.121013 | 5.96961806 | 32.66795 | -117.120547 |
| 5.6276042 | 32.672110 | -117.118560 | 5.8050463 | 32.66794 | -117.121 | 5.96981482 | 32.66795 | -117.120547 |
| 5.6277894 | 32.672107 | -117.118587 | 5.80521991 | 32.66793 | -117.121 | 5.97 | 32.66795 | -117.12052 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6298611 | 32.672070 | -117.118720 | 5.80539352 | 32.66792 | -117.121 | 5.97015046 | 32.66795 | -117.12052 |
| 5.6300463 | 32.672063 | -117.118733 | 5.80556713 | 32.66792 | -117.121013 | 5.97032407 | 32.66795 | -117.12052 |
| 5.6302199 | 32.672057 | -117.118747 | 5.80574074 | 32.66791 | -117.121013 | 5.97048611 | 32.66795 | -117.12052 |
| 5.6303935 | 32.672057 | -117.118747 | 5.80591435 | 32.6679 | -117.121013 | 5.97065972 | 32.66795 | -117.12052 |
| 5.6305556 | 32.672057 | -117.118760 | 5.80608796 | 32.66789 | -117.121 | 5.97084491 | 32.66795 | -117.12052 |
| 5.6307292 | 32.672050 | -117.118787 | 5.80626157 | 32.66788 | -117.121013 | 5.97101852 | 32.66796 | -117.12052 |
| 5.6309028 | 32.672047 | -117.118787 | 5.80643519 | 32.66788 | -117.121013 | 5.97118056 | 32.66796 | -117.12052 |
| 5.6310880 | 32.672043 | -117.118800 | 5.8066088 | 32.66788 | -117.121 | 5.97135417 | 32.66796 | -117.12052 |
| 5.6312616 | 32.672043 | -117.118813 | 5.80678241 | 32.66788 | -117.121 | 5.97152778 | 32.66796 | -117.12052 |
| 5.6314352 | 32.672033 | -117.118813 | 5.80695602 | 32.66788 | -117.120973 | 5.9737963 | 32.66801 | -117.120453 |
| 5.6316088 | 32.672030 | -117.118853 | 5.80712963 | 32.66787 | -117.120973 | 5.97396991 | 32.66801 | -117.120453 |
| 5.6317824 | 32.672027 | -117.118853 | 5.80730324 | 32.66785 | -117.120973 | 5.97414352 | 32.66801 | -117.120453 |
| 5.6319560 | 32.672020 | -117.118867 | 5.80799769 | 32.66783 | -117.12096 | 5.97435185 | 32.66801 | -117.12044 |
| 5.6321296 | 32.672017 | -117.118880 | 5.8081713 | 32.66783 | -117.12096 | 5.97447917 | 32.66801 | -117.120427 |
| 5.6323032 | 32.672010 | -117.118893 | 5.80834491 | 32.66782 | -117.120947 | 5.97466435 | 32.66801 | -117.120427 |
| 5.6324653 | 32.672007 | -117.118907 | 5.80850694 | 32.66781 | -117.120947 | 5.97487269 | 32.66802 | -117.120427 |
| 5.6326389 | 32.672000 | -117.118907 | 5.80868056 | 32.66779 | -117.120947 | 5.975 | 32.66803 | -117.120427 |
| 5.6328125 | 32.671997 | -117.118907 | 5.80885417 | 32.66779 | -117.120933 | 5.97517361 | 32.66803 | -117.120413 |
| 5.6329861 | 32.671993 | -117.118933 | 5.80902778 | 32.66779 | -117.120933 | 5.97534722 | 32.66803 | -117.120427 |
| 5.6342014 | 32.671953 | -117.119000 | 5.80921296 | 32.66777 | -117.12092 | 5.97552083 | 32.66803 | -117.120427 |
| 5.6343750 | 32.671943 | -117.119000 | 5.80938657 | 32.66777 | -117.12092 | 5.97576389 | 32.66805 | -117.120413 |
| 5.6345602 | 32.671937 | -117.119013 | 5.80956019 | 32.66776 | -117.12092 | 5.97586806 | 32.66806 | -117.120413 |
| 5.6347338 | 32.671933 | -117.119013 | 5.8097338 | 32.66775 | -117.12092 | 5.97605324 | 32.66806 | -117.120413 |
| 5.6349074 | 32.671920 | -117.119027 | 5.80990741 | 32.66774 | -117.120893 | 5.97622685 | 32.66806 | -117.120413 |
| 5.6350810 | 32.671910 | -117.119053 | 5.81008102 | 32.66773 | -117.12088 | 5.97640046 | 32.66807 | -117.1204 |
| 5.6352546 | 32.671907 | -117.119053 | 5.81025463 | 32.66773 | -117.120867 | 5.9765625 | 32.66808 | -117.1204 |
| 5.6354282 | 32.671897 | -117.119053 | 5.81042824 | 32.66772 | -117.120867 | 5.97673611 | 32.66809 | -117.1204 |
| 5.6356366 | 32.671890 | -117.119080 | 5.81060185 | 32.66772 | -117.120853 | 5.97690972 | 32.66811 | -117.1204 |
| 5.6357639 | 32.671883 | -117.119080 | 5.81077546 | 32.66771 | -117.120853 | 5.97708333 | 32.66811 | -117.1204 |
| 5.6359375 | 32.671877 | -117.119093 | 5.81094907 | 32.6677 | -117.120853 | 5.9796875 | 32.66816 | -117.120333 |
| 5.6361111 | 32.671867 | -117.119107 | 5.81112269 | 32.6677 | -117.12084 | 5.97986111 | 32.66817 | -117.120307 |
| 5.6362963 | 32.671860 | -117.119120 | 5.8112963 | 32.66769 | -117.12084 | 5.9800463 | 32.66817 | -117.120307 |
| 5.6364699 | 32.671850 | -117.119147 | 5.81199074 | 32.66765 | -117.1208 | 5.98021991 | 32.66817 | -117.120307 |
| 5.6366435 | 32.671840 | -117.119147 | 5.81216435 | 32.66765 | -117.1208 | 5.98045139 | 32.66817 | -117.120293 |
| 5.6368287 | 32.671830 | -117.119147 | 5.81233796 | 32.66765 | -117.120787 | 5.98055556 | 32.66817 | -117.12028 |
| 5.6369792 | 32.671823 | -117.119160 | 5.81251157 | 32.66764 | -117.120787 | 5.98074074 | 32.66818 | -117.12028 |
| 5.6371528 | 32.671813 | -117.119160 | 5.81268519 | 32.66762 | -117.120787 | 5.98091435 | 32.66818 | -117.12028 |
| 5.6373843 | 32.671803 | -117.119187 | 5.81284722 | 32.66762 | -117.120787 | 5.98107639 | 32.66819 | -117.12028 |
| 5.6399306 | 32.671650 | -117.119333 | 5.81302083 | 32.66761 | -117.120773 | 5.98126157 | 32.66819 | -117.120267 |
| 5.6401042 | 32.671633 | -117.119347 | 5.81319444 | 32.6676 | -117.120747 | 5.98143519 | 32.66819 | -117.120253 |
| 5.6402778 | 32.671623 | -117.119347 | 5.81336806 | 32.66759 | -117.120747 | 5.98159722 | 32.66819 | -117.120253 |
| 5.6404630 | 32.671620 | -117.119373 | 5.81354167 | 32.66758 | -117.120747 | 5.98177083 | 32.6682 | -117.120227 |
| 5.6406366 | 32.671610 | -117.119387 | 5.81371528 | 32.66757 | -117.120747 | 5.98194444 | 32.6682 | -117.120213 |
| 5.6408102 | 32.671597 | -117.119400 | 5.81388889 | 32.66755 | -117.120733 | 5.98212963 | 32.6682 | -117.120213 |
| 5.6409722 | 32.671590 | -117.119400 | 5.8140625 | 32.66755 | -117.12072 | 5.98230324 | 32.6682 | -117.120213 |
| 5.6411458 | 32.671583 | -117.119413 | 5.81423611 | 32.66754 | -117.120707 | 5.98247685 | 32.6682 | -117.120213 |
| 5.6414120 | 32.671563 | -117.119440 | 5.81440972 | 32.66754 | -117.120693 | 5.98265046 | 32.66821 | -117.120213 |
| 5.6414931 | 32.671563 | -117.119440 | 5.81458333 | 32.66753 | -117.120693 | 5.98282407 | 32.66821 | -117.1202 |
| 5.6416667 | 32.671547 | -117.119453 | 5.81475694 | 32.66753 | -117.120693 | 5.98299769 | 32.66823 | -117.1202 |
| 5.6418519 | 32.671533 | -117.119467 | 5.81493056 | 32.66753 | -117.120667 | 5.98386574 | 32.66829 | -117.120187 |
| 5.6420255 | 32.671527 | -117.119467 | 5.81510417 | 32.66753 | -117.120653 | 5.98403935 | 32.66829 | -117.12016 |
| 5.6421991 | 32.671510 | -117.119480 | 5.81527778 | 32.66753 | -117.12064 | 5.98421296 | 32.66828 | -117.120187 |
| 5.6423611 | 32.671497 | -117.119480 | 5.81770833 | 32.6675 | -117.120453 | 5.98438657 | 32.66828 | -117.120187 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6425347 | 32.671490 | -117.119493 | 5.81788194 | 32.6675 | -117.120427 | 5.98456019 | 32.6683 | -117.12016 |
| 5.6427083 | 32.671473 | -117.119493 | 5.81805556 | 32.6675 | -117.120413 | 5.9847338 | 32.66829 | -117.12016 |
| 5.6428935 | 32.671457 | -117.119520 | 5.81824074 | 32.6675 | -117.1204 | 5.98490741 | 32.66829 | -117.120147 |
| 5.6431250 | 32.671440 | -117.119533 | 5.81841435 | 32.6675 | -117.1204 | 5.98508102 | 32.6683 | -117.120147 |
| 5.6432292 | 32.671430 | -117.119533 | 5.81858796 | 32.6675 | -117.120373 | 5.98525463 | 32.66831 | -117.120147 |
| 5.6456597 | 32.671250 | -117.119680 | 5.81876157 | 32.6675 | -117.120347 | 5.98542824 | 32.66833 | -117.120147 |
| 5.6458333 | 32.671233 | -117.119680 | 5.81893519 | 32.66751 | -117.120333 | 5.98560185 | 32.66833 | -117.120147 |
| 5.6460185 | 32.671223 | -117.119693 | 5.81909722 | 32.6675 | -117.120307 | 5.98576389 | 32.66833 | -117.120133 |
| 5.6461921 | 32.671213 | -117.119720 | 5.81927083 | 32.6675 | -117.120293 | 5.9859375 | 32.66832 | -117.120133 |
| 5.6463889 | 32.671200 | -117.119720 | 5.81944444 | 32.6675 | -117.12028 | 5.98612269 | 32.66832 | -117.120133 |
| 5.6466088 | 32.671183 | -117.119720 | 5.81962963 | 32.6675 | -117.120267 | 5.9862963 | 32.66833 | -117.12012 |
| 5.6467014 | 32.671177 | -117.119720 | 5.81980324 | 32.66751 | -117.120253 | 5.98646991 | 32.66833 | -117.12012 |
| 5.6468750 | 32.671163 | -117.119747 | 5.81997685 | 32.66751 | -117.120227 | 5.98664352 | 32.66837 | -117.12012 |
| 5.6470602 | 32.671150 | -117.119760 | 5.82013889 | 32.66752 | -117.120213 | 5.98681713 | 32.6684 | -117.12012 |
| 5.6472338 | 32.671133 | -117.119760 | 5.8203125 | 32.66752 | -117.1202 | 5.98699074 | 32.66841 | -117.12012 |
| 5.6474074 | 32.671123 | -117.119773 | 5.82048611 | 32.66753 | -117.120187 | 5.98716435 | 32.66841 | -117.120133 |
| 5.6475810 | 32.671113 | -117.119787 | 5.82065972 | 32.66752 | -117.12016 | 5.98768519 | 32.66841 | -117.12012 |
| 5.6477546 | 32.671103 | -117.119813 | 5.82083333 | 32.66753 | -117.12016 | 5.9878588 | 32.6684 | -117.12012 |
| 5.6479282 | 32.671093 | -117.119813 | 5.82309028 | 32.66764 | -117.12 | 5.98803241 | 32.6684 | -117.12012 |
| 5.6481019 | 32.671080 | -117.119813 | 5.82326389 | 32.66764 | -117.119987 | 5.98820602 | 32.66841 | -117.12012 |
| 5.6482639 | 32.671073 | -117.119813 | 5.8234375 | 32.66765 | -117.119987 | 5.98837963 | 32.66841 | -117.120133 |
| 5.6484375 | 32.671060 | -117.119827 | 5.82364583 | 32.66767 | -117.119987 | 5.98855324 | 32.66842 | -117.12012 |
| 5.6486227 | 32.671050 | -117.119853 | 5.8237963 | 32.66768 | -117.119987 | 5.98871528 | 32.66841 | -117.12012 |
| 5.6487963 | 32.671037 | -117.119853 | 5.82396991 | 32.66768 | -117.119987 | 5.98888889 | 32.66841 | -117.12012 |
| 5.6503472 | 32.670937 | -117.119960 | 5.82413194 | 32.66769 | -117.119973 | 5.9890625 | 32.66841 | -117.12012 |
| 5.6505208 | 32.670927 | -117.119960 | 5.82430556 | 32.6677 | -117.11996 | 5.98923611 | 32.66841 | -117.120107 |
| 5.6506944 | 32.670913 | -117.119960 | 5.82447917 | 32.66771 | -117.11996 | 5.98940972 | 32.66841 | -117.120107 |
| 5.6508796 | 32.670907 | -117.119987 | 5.82465278 | 32.66773 | -117.11996 | 5.98958333 | 32.66842 | -117.12008 |
| 5.6510532 | 32.670900 | -117.120000 | 5.82482639 | 32.66774 | -117.11996 | 5.98976852 | 32.66842 | -117.12008 |
| 5.6512269 | 32.670883 | -117.120000 | 5.825 | 32.66775 | -117.11996 | 5.98994213 | 32.66842 | -117.12008 |
| 5.6515394 | 32.670867 | -117.120013 | 5.82517361 | 32.66777 | -117.119973 | 5.99011574 | 32.66843 | -117.12008 |
| 5.6517361 | 32.670863 | -117.120013 | 5.82534722 | 32.66778 | -117.119973 | 5.99028935 | 32.66843 | -117.12008 |
| 5.6519097 | 32.670850 | -117.120053 | 5.82552083 | 32.6678 | -117.119973 | 5.99046296 | 32.66844 | -117.120107 |
| 5.6520949 | 32.670840 | -117.120053 | 5.82569444 | 32.6678 | -117.119973 | 5.99063657 | 32.66844 | -117.12008 |
| 5.6522685 | 32.670837 | -117.120067 | 5.82586806 | 32.66781 | -117.119973 | 5.99081019 | 32.66844 | -117.12008 |
| 5.6524306 | 32.670830 | -117.120067 | 5.82604167 | 32.66782 | -117.119973 | 5.99322917 | 32.66852 | -117.120147 |
| 5.6526157 | 32.670827 | -117.120080 | 5.82621528 | 32.66782 | -117.119973 | 5.99340278 | 32.66848 | -117.120147 |
| 5.6527894 | 32.670817 | -117.120107 | 5.82813657 | 32.66802 | -117.120013 | 5.99359954 | 32.66839 | -117.12016 |
| 5.6529514 | 32.670810 | -117.120107 | 5.82831019 | 32.66805 | -117.120013 | 5.99376157 | 32.66834 | -117.120187 |
| 5.6531250 | 32.670800 | -117.120120 | 5.8284838 | 32.66806 | -117.120013 | 5.99392361 | 32.66828 | -117.120213 |
| 5.6533102 | 32.670793 | -117.120133 | 5.82865741 | 32.66808 | -117.120013 | 5.99409722 | 32.66818 | -117.120253 |
| 5.6534838 | 32.670783 | -117.120133 | 5.82883102 | 32.6681 | -117.120013 | 5.99427083 | 32.66803 | -117.120293 |
| 5.6536574 | 32.670773 | -117.120147 | 5.82900463 | 32.66813 | -117.120013 | 5.99444444 | 32.66801 | -117.120307 |
| 5.6538194 | 32.670763 | -117.120147 | 5.82917824 | 32.66814 | -117.120013 | 5.99461806 | 32.668 | -117.120307 |
| 5.6557407 | 32.670637 | -117.120267 | 5.82935185 | 32.66816 | -117.120053 | 5.99480324 | 32.668 | -117.120307 |
| 5.6559144 | 32.670630 | -117.120280 | 5.82952546 | 32.66818 | -117.120053 | 5.99497685 | 32.668 | -117.120293 |
| 5.6560880 | 32.670623 | -117.120293 | 5.82969907 | 32.66819 | -117.120067 | 5.99513889 | 32.668 | -117.120307 |
| 5.6562616 | 32.670623 | -117.120307 | 5.82990741 | 32.6682 | -117.120067 | 5.9953125 | 32.668 | -117.120307 |
| 5.6564352 | 32.670610 | -117.120333 | 5.83003472 | 32.66822 | -117.12008 | 5.99548611 | 32.66799 | -117.120307 |
| 5.6566088 | 32.670600 | -117.120347 | 5.8302662 | 32.66824 | -117.120107 | 5.9956713 | 32.66798 | -117.120293 |
| 5.6567708 | 32.670590 | -117.120360 | 5.83045139 | 32.66826 | -117.120107 | 5.99583333 | 32.66798 | -117.120293 |
| 5.6569444 | 32.670587 | -117.120400 | 5.83055556 | 32.66826 | -117.12012 | 5.99600694 | 32.66798 | -117.120293 |
| 5.6571181 | 32.670577 | -117.120400 | 5.83072917 | 32.66827 | -117.12012 | 5.99618056 | 32.66798 | -117.120293 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6572917 | 32.670570 | -117.120400 | 5.83091435 | 32.66829 | -117.120133 | 5.99636574 | 32.66797 | -117.120293 |
| 5.6574769 | 32.670560 | -117.120413 | 5.83108796 | 32.6683 | -117.120133 | 5.996875 | 32.66796 | -117.120293 |
| 5.6576505 | 32.670553 | -117.120440 | 5.83125 | 32.66832 | -117.120147 | 5.99710648 | 32.66796 | -117.120293 |
| 5.6578241 | 32.670550 | -117.120453 | 5.83142361 | 32.66833 | -117.120147 | 5.9972338 | 32.66796 | -117.120293 |
| 5.6579977 | 32.670543 | -117.120453 | 5.8325 | 32.66838 | -117.120253 | 5.99739583 | 32.66795 | -117.12028 |
| 5.6582176 | 32.670533 | -117.120480 | 5.83265046 | 32.66838 | -117.120253 | 5.99756944 | 32.66795 | -117.12028 |
| 5.6583449 | 32.670527 | -117.120493 | 5.83282407 | 32.66838 | -117.120253 | 5.99774306 | 32.66795 | -117.120293 |
| 5.6585301 | 32.670527 | -117.120520 | 5.83299769 | 32.66839 | -117.120253 | 5.99791667 | 32.66795 | -117.120293 |
| 5.6586806 | 32.670523 | -117.120547 | 5.8331713 | 32.6684 | -117.120253 | 5.99809028 | 32.66795 | -117.120293 |
| 5.6588773 | 32.670520 | -117.120547 | 5.83333333 | 32.66839 | -117.12028 | 5.99826389 | 32.66795 | -117.120293 |
| 5.6590394 | 32.670517 | -117.120560 | 5.83350694 | 32.6684 | -117.120307 | 5.9984375 | 32.66795 | -117.120293 |
| 5.6616435 | 32.670463 | -117.120733 | 5.83369213 | 32.66839 | -117.120307 | 5.99861111 | 32.66795 | -117.120293 |
| 5.6618171 | 32.670463 | -117.120733 | 5.83386574 | 32.6684 | -117.120333 | 5.9987963 | 32.66795 | -117.120293 |
| 5.6619907 | 32.670463 | -117.120733 | 5.83409722 | 32.66841 | -117.120333 | 5.99896991 | 32.66795 | -117.120293 |
| 5.6621644 | 32.670463 | -117.120733 | 5.83420139 | 32.66841 | -117.120333 | 5.99913194 | 32.66795 | -117.120293 |
| 5.6623380 | 32.670463 | -117.120733 | 5.83438657 | 32.66843 | -117.120333 | 5.99930556 | 32.66795 | -117.120293 |
| 5.6625116 | 32.670463 | -117.120733 | 5.83458333 | 32.66844 | -117.120333 | 5.99951389 | 32.66795 | -117.120307 |
| 5.6626852 | 32.670463 | -117.120733 | 5.83474537 | 32.66847 | -117.120347 | 5.99966435 | 32.66795 | -117.120307 |
| 5.6629051 | 32.670463 | -117.120733 | 5.83489583 | 32.66848 | -117.12036 | 5.99983796 | 32.66795 | -117.120307 |
| 5.6630208 | 32.670463 | -117.120733 | 5.83518519 | 32.66849 | -117.1204 | 6.00001157 | 32.66795 | -117.120307 |
| 5.6632060 | 32.670460 | -117.120733 | 5.83528935 | 32.66849 | -117.1204 | 6.00018519 | 32.66795 | -117.120307 |
| 5.6633796 | 32.670460 | -117.120747 | 5.83542824 | 32.66849 | -117.12044 | 6.00208333 | 32.66793 | -117.120333 |
| 5.6635532 | 32.670463 | -117.120747 | 5.83560185 | 32.66846 | -117.120453 | 6.00225694 | 32.66794 | -117.120307 |
| 5.6637269 | 32.670467 | -117.120747 | 5.83649306 | 32.66844 | -117.12052 | 6.00243056 | 32.66794 | -117.120307 |
| 5.6638889 | 32.670467 | -117.120747 | 5.83664352 | 32.66841 | -117.12052 | 6.00260417 | 32.66794 | -117.120307 |
| 5.6640625 | 32.670467 | -117.120747 | 5.83690972 | 32.6684 | -117.12052 | 6.00277778 | 32.66794 | -117.120307 |
| 5.6642477 | 32.670467 | -117.120773 | 5.83701389 | 32.6684 | -117.12052 | 6.00295139 | 32.66795 | -117.120307 |
| 5.6644213 | 32.670467 | -117.120773 | 5.83722222 | 32.66839 | -117.120547 | 6.00313657 | 32.66795 | -117.120333 |
| 5.6645949 | 32.670463 | -117.120787 | 5.83732639 | 32.66838 | -117.120547 | 6.00331019 | 32.66796 | -117.120347 |
| 5.6647685 | 32.670463 | -117.120787 | 5.8375 | 32.66837 | -117.120587 | 6.0034838 | 32.66796 | -117.120347 |
| 5.6674421 | 32.670440 | -117.120880 | 5.83770833 | 32.66837 | -117.1206 | 6.00365741 | 32.66796 | -117.120347 |
| 5.6675463 | 32.670440 | -117.120880 | 5.8378588 | 32.66836 | -117.12064 | 6.00383102 | 32.66795 | -117.120333 |
| 5.6677199 | 32.670440 | -117.120893 | 5.83803241 | 32.66836 | -117.120653 | 6.00400463 | 32.66795 | -117.120333 |
| 5.6678819 | 32.670443 | -117.120920 | 5.83820602 | 32.66836 | -117.120653 | 6.00417824 | 32.66796 | -117.120333 |
| 5.6680556 | 32.670450 | -117.120947 | 5.83847222 | 32.6684 | -117.120667 | 6.00435185 | 32.66796 | -117.120333 |
| 5.6682407 | 32.670450 | -117.120947 | 5.83854167 | 32.6684 | -117.120693 | 6.00452546 | 32.66795 | -117.120347 |
| 5.6684144 | 32.670450 | -117.120947 | 5.83871528 | 32.66839 | -117.120707 | 6.00469907 | 32.66795 | -117.120347 |
| 5.6685880 | 32.670450 | -117.120960 | 5.83892361 | 32.66838 | -117.120733 | 6.00487269 | 32.66796 | -117.120347 |
| 5.6687616 | 32.670450 | -117.120960 | 5.83907407 | 32.66838 | -117.120773 | 6.0050463 | 32.66796 | -117.12036 |
| 5.6689352 | 32.670450 | -117.120973 | 5.83924769 | 32.66838 | -117.1208 | 6.00520833 | 32.66796 | -117.120373 |
| 5.6691088 | 32.670450 | -117.120973 | 5.8394213 | 32.66839 | -117.120813 | 6.00538194 | 32.66796 | -117.120373 |
| 5.6692824 | 32.670450 | -117.120973 | 5.83959491 | 32.66839 | -117.120813 | 6.00608796 | 32.66797 | -117.1204 |
| 5.6694560 | 32.670450 | -117.120973 | 5.83975694 | 32.66839 | -117.120813 | 6.00626157 | 32.66797 | -117.1204 |
| 5.6696296 | 32.670450 | -117.120973 | 5.84030093 | 32.66833 | -117.120853 | 6.00643519 | 32.66797 | -117.1204 |
| 5.6698032 | 32.670450 | -117.120973 | 5.84046296 | 32.66833 | -117.120853 | 6.0066088 | 32.66797 | -117.1204 |
| 5.6699769 | 32.670447 | -117.120973 | 5.84063657 | 32.66831 | -117.120867 | 6.00678241 | 32.66797 | -117.1204 |
| 5.6701505 | 32.670447 | -117.120973 | 5.84081019 | 32.66829 | -117.120893 | 6.00695602 | 32.66798 | -117.1204 |
| 5.6703241 | 32.670443 | -117.121013 | 5.84097222 | 32.66831 | -117.120893 | 6.00712963 | 32.66798 | -117.1204 |
| 5.6704977 | 32.670440 | -117.121013 | 5.84114583 | 32.66832 | -117.12092 | 6.00729167 | 32.66798 | -117.120413 |
| 5.6710069 | 32.670433 | -117.121067 | 5.84131944 | 32.66833 | -117.12092 | 6.00746528 | 32.66798 | -117.1204 |
| 5.6711806 | 32.670433 | -117.121067 | 5.84149306 | 32.66834 | -117.120933 | 6.00763889 | 32.66799 | -117.1204 |
| 5.6713542 | 32.670433 | -117.121067 | 5.84166667 | 32.66833 | -117.12096 | 6.00782407 | 32.66799 | -117.120413 |
| 5.6715278 | 32.670433 | -117.121067 | 5.84188657 | 32.66832 | -117.121 | 6.00799769 | 32.66799 | -117.120413 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6717014 | 32.670433 | -117.121080 | 5.84201389 | 32.66832 | -117.121013 | 6.00815972 | 32.66799 | -117.120413 |
| 5.6718750 | 32.670433 | -117.121080 | 5.8422338 | 32.66831 | -117.121067 | 6.00833333 | 32.66799 | -117.120413 |
| 5.6720486 | 32.670433 | -117.121080 | 5.84237269 | 32.66831 | -117.121067 | 6.00853009 | 32.66799 | -117.120427 |
| 5.6722222 | 32.670433 | -117.121080 | 5.8425463 | 32.66833 | -117.12108 | 6.00868056 | 32.66798 | -117.12044 |
| 5.6724074 | 32.670433 | -117.121080 | 5.84270833 | 32.66835 | -117.121093 | 6.00885417 | 32.66798 | -117.12044 |
| 5.6725810 | 32.670433 | -117.121080 | 5.84288194 | 32.66837 | -117.121093 | 6.00902778 | 32.66797 | -117.120453 |
| 5.6727546 | 32.670433 | -117.121080 | 5.84306713 | 32.66838 | -117.12112 | 6.00920139 | 32.66797 | -117.120453 |
| 5.6729282 | 32.670430 | -117.121080 | 5.84324074 | 32.66838 | -117.12112 | 6.01048611 | 32.66798 | -117.120453 |
| 5.6731019 | 32.670430 | -117.121080 | 5.84340278 | 32.66837 | -117.12112 | 6.01059028 | 32.66798 | -117.120453 |
| 5.6732755 | 32.670430 | -117.121093 | 5.84427083 | 32.66836 | -117.121253 | 6.01076389 | 32.66797 | -117.120453 |
| 5.6734838 | 32.670430 | -117.121093 | 5.84444444 | 32.66836 | -117.121267 | 6.01094907 | 32.66797 | -117.120453 |
| 5.6736111 | 32.670427 | -117.121120 | 5.84462963 | 32.66835 | -117.121267 | 6.01112269 | 32.66798 | -117.120453 |
| 5.6737847 | 32.670427 | -117.121120 | 5.84480324 | 32.66834 | -117.121267 | 6.0112963 | 32.66798 | -117.12048 |
| 5.6739583 | 32.670423 | -117.121120 | 5.84496528 | 32.66833 | -117.12132 | 6.01146991 | 32.66798 | -117.12048 |
| 5.6741319 | 32.670423 | -117.121147 | 5.84513889 | 32.66835 | -117.12132 | 6.01164352 | 32.66798 | -117.12048 |
| 5.6762616 | 32.670410 | -117.121187 | 5.8453125 | 32.66836 | -117.121333 | 6.01181713 | 32.66799 | -117.12048 |
| 5.6764120 | 32.670410 | -117.121187 | 5.84552083 | 32.66838 | -117.121387 | 6.01199074 | 32.66799 | -117.12048 |
| 5.6765741 | 32.670410 | -117.121187 | 5.8456713 | 32.66836 | -117.1214 | 6.01216435 | 32.66799 | -117.120493 |
| 5.6767477 | 32.670413 | -117.121213 | 5.84584491 | 32.66836 | -117.121413 | 6.01233796 | 32.66799 | -117.120493 |
| 5.6769213 | 32.670413 | -117.121213 | 5.84601852 | 32.66834 | -117.121467 | 6.01251157 | 32.66799 | -117.120493 |
| 5.6770833 | 32.670417 | -117.121213 | 5.84619213 | 32.66831 | -117.12148 | 6.01268519 | 32.66799 | -117.120493 |
| 5.6772569 | 32.670417 | -117.121213 | 5.84636574 | 32.66831 | -117.121507 | 6.0128588 | 32.668 | -117.120493 |
| 5.6774306 | 32.670417 | -117.121213 | 5.84653935 | 32.66833 | -117.121507 | 6.01303241 | 32.668 | -117.120493 |
| 5.6776042 | 32.670417 | -117.121213 | 5.84671296 | 32.66837 | -117.121507 | 6.01320602 | 32.66801 | -117.120493 |
| 5.6777778 | 32.670417 | -117.121213 | 5.84688657 | 32.6684 | -117.121507 | 6.01337963 | 32.66801 | -117.120493 |
| 5.6779630 | 32.670417 | -117.121227 | 5.84704861 | 32.66842 | -117.12152 | 6.01354167 | 32.66801 | -117.120493 |
| 5.6781366 | 32.670417 | -117.121227 | 5.84722222 | 32.66841 | -117.121547 | 6.01371528 | 32.66801 | -117.12052 |
| 5.6783102 | 32.670417 | -117.121227 | 5.84739583 | 32.66839 | -117.12156 | 6.0144213 | 32.66803 | -117.12052 |
| 5.6784722 | 32.670417 | -117.121227 | 5.84756944 | 32.66838 | -117.121587 | 6.01459491 | 32.66802 | -117.12052 |
| 5.6786458 | 32.670417 | -117.121227 | 5.84826389 | 32.66841 | -117.121613 | 6.01476852 | 32.66802 | -117.120547 |
| 5.6788542 | 32.670417 | -117.121227 | 5.8484375 | 32.66841 | -117.121653 | 6.01501157 | 32.66802 | -117.120547 |
| 5.6790046 | 32.670417 | -117.121227 | 5.84861111 | 32.66841 | -117.121653 | 6.01511574 | 32.66803 | -117.120547 |
| 5.6791782 | 32.670413 | -117.121227 | 5.84878472 | 32.6684 | -117.12168 | 6.01528935 | 32.66803 | -117.120547 |
| 5.6793403 | 32.670417 | -117.121227 | 5.84899306 | 32.6684 | -117.121693 | 6.01546296 | 32.66803 | -117.120547 |
| 5.6795139 | 32.670417 | -117.121227 | 5.84921296 | 32.6684 | -117.121707 | 6.01563657 | 32.66803 | -117.120547 |
| 5.6817824 | 32.670453 | -117.121160 | 5.84931713 | 32.6684 | -117.121733 | 6.01581019 | 32.66803 | -117.120547 |
| 5.6819560 | 32.670467 | -117.121160 | 5.84950232 | 32.66838 | -117.121747 | 6.0159838 | 32.66803 | -117.120547 |
| 5.6821296 | 32.670470 | -117.121147 | 5.84965278 | 32.66837 | -117.12176 | 6.01615741 | 32.66804 | -117.120547 |
| 5.6823032 | 32.670477 | -117.121120 | 5.84982639 | 32.66838 | -117.1218 | 6.01633102 | 32.66804 | -117.120547 |
| 5.6824769 | 32.670477 | -117.121120 | 5.8500463 | 32.66838 | -117.1218 | 6.0165625 | 32.66804 | -117.120547 |
| 5.6827431 | 32.670477 | -117.121120 | 5.85018519 | 32.66838 | -117.121813 | 6.01666667 | 32.66805 | -117.120547 |
| 5.6828472 | 32.670477 | -117.121120 | 5.8503588 | 32.66838 | -117.12184 | 6.01684028 | 32.66805 | -117.120547 |
| 5.6829977 | 32.670477 | -117.121120 | 5.85053241 | 32.66838 | -117.121853 | 6.01701389 | 32.66804 | -117.12056 |
| 5.6831597 | 32.670477 | -117.121120 | 5.85076389 | 32.66838 | -117.121853 | 6.0171875 | 32.66804 | -117.120573 |
| 5.6833333 | 32.670480 | -117.121120 | 5.85086806 | 32.66838 | -117.12188 | 6.01736111 | 32.66804 | -117.120573 |
| 5.6835069 | 32.670480 | -117.121120 | 5.85104167 | 32.66837 | -117.121893 | 6.01753472 | 32.66805 | -117.120587 |
| 5.6836921 | 32.670480 | -117.121120 | 5.85122685 | 32.66836 | -117.12192 | 6.01770833 | 32.66806 | -117.120587 |
| 5.6838657 | 32.670480 | -117.121120 | 5.85140046 | 32.66836 | -117.12192 | 6.01824074 | 32.66807 | -117.120587 |
| 5.6840278 | 32.670480 | -117.121120 | 5.8515625 | 32.66835 | -117.121947 | 6.01841435 | 32.66806 | -117.120587 |
| 5.6842245 | 32.670483 | -117.121120 | 5.85296296 | 32.6683 | -117.122053 | 6.01858796 | 32.66806 | -117.1206 |
| 5.6843750 | 32.670487 | -117.121107 | 5.85313657 | 32.6683 | -117.122067 | 6.01876157 | 32.66806 | -117.1206 |
| 5.6845602 | 32.670487 | -117.121093 | 5.85344907 | 32.66829 | -117.122107 | 6.01893519 | 32.66809 | -117.1206 |
| 5.6847338 | 32.670483 | -117.121080 | 5.85364583 | 32.66829 | -117.12212 | 6.0191088 | 32.66809 | -117.1206 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6848958 | 32.670487 | -117.121080 | 5.85386574 | 32.66828 | -117.122147 | 6.01928241 | 32.66809 | -117.1206 |
| 5.6850694 | 32.670490 | -117.121080 | 5.85399306 | 32.66828 | -117.122147 | 6.01945602 | 32.66809 | -117.120627 |
| 5.6870370 | 32.670527 | -117.121013 | 5.85422454 | 32.66828 | -117.122187 | 6.01962963 | 32.66808 | -117.120627 |
| 5.6871644 | 32.670527 | -117.121013 | 5.85435185 | 32.66828 | -117.1222 | 6.01980324 | 32.66808 | -117.12064 |
| 5.6873495 | 32.670527 | -117.121013 | 5.85454861 | 32.66827 | -117.122213 | 6.01997685 | 32.66808 | -117.120627 |
| 5.6875000 | 32.670537 | -117.121000 | 5.85469907 | 32.66827 | -117.122227 | 6.02015046 | 32.66808 | -117.120627 |
| 5.6876736 | 32.670550 | -117.120973 | 5.85486111 | 32.66827 | -117.122253 | 6.02032407 | 32.66808 | -117.12064 |
| 5.6878472 | 32.670560 | -117.120960 | 5.85508102 | 32.66827 | -117.122267 | 6.02056713 | 32.66808 | -117.120653 |
| 5.6880324 | 32.670570 | -117.120947 | 5.85527778 | 32.66826 | -117.12228 | 6.02069444 | 32.66808 | -117.120653 |
| 5.6882060 | 32.670580 | -117.120947 | 5.85547454 | 32.66826 | -117.122293 | 6.02084491 | 32.66807 | -117.120653 |
| 5.6883796 | 32.670590 | -117.120933 | 5.8555787 | 32.66825 | -117.12232 | 6.02101852 | 32.66807 | -117.120667 |
| 5.6885532 | 32.670597 | -117.120920 | 5.85575232 | 32.66825 | -117.12232 | 6.02119213 | 32.66808 | -117.120667 |
| 5.6887269 | 32.670600 | -117.120920 | 5.85590278 | 32.66825 | -117.122333 | 6.02136574 | 32.66808 | -117.120667 |
| 5.6888889 | 32.670607 | -117.120920 | 5.85609954 | 32.66824 | -117.122347 | 6.02190972 | 32.6681 | -117.120693 |
| 5.6890625 | 32.670613 | -117.120893 | 5.8562963 | 32.66824 | -117.122373 | 6.02206019 | 32.6681 | -117.120693 |
| 5.6892361 | 32.670623 | -117.120880 | 5.85642361 | 32.66824 | -117.122373 | 6.0222338 | 32.6681 | -117.12072 |
| 5.6894213 | 32.670637 | -117.120867 | 5.85695602 | 32.66824 | -117.122427 | 6.02240741 | 32.66812 | -117.12072 |
| 5.6895949 | 32.670643 | -117.120853 | 5.85712963 | 32.66823 | -117.122467 | 6.02258102 | 32.66812 | -117.12072 |
| 5.6897685 | 32.670647 | -117.120853 | 5.85730324 | 32.66823 | -117.122467 | 6.02275463 | 32.66812 | -117.12072 |
| 5.6899306 | 32.670660 | -117.120840 | 5.85747685 | 32.66823 | -117.122467 | 6.02292824 | 32.66812 | -117.12072 |
| 5.6901042 | 32.670660 | -117.120813 | 5.85765046 | 32.66823 | -117.12248 | 6.02310185 | 32.66812 | -117.12072 |
| 5.6902894 | 32.670660 | -117.120813 | 5.85782407 | 32.66823 | -117.122493 | 6.02326389 | 32.66812 | -117.12072 |
| 5.6916782 | 32.670693 | -117.120773 | 5.85799769 | 32.66822 | -117.12252 | 6.0234375 | 32.66812 | -117.12072 |
| 5.6919097 | 32.670710 | -117.120747 | 5.85822917 | 32.66823 | -117.12252 | 6.02361111 | 32.66812 | -117.12072 |
| 5.6920139 | 32.670710 | -117.120747 | 5.85833333 | 32.66823 | -117.12252 | 6.02383102 | 32.66812 | -117.120733 |
| 5.6922454 | 32.670707 | -117.120733 | 5.85855324 | 32.66821 | -117.122547 | 6.02396991 | 32.66812 | -117.120747 |
| 5.6923727 | 32.670707 | -117.120733 | 5.85868056 | 32.66821 | -117.12256 | 6.02414352 | 32.66812 | -117.120747 |
| 5.6925463 | 32.670717 | -117.120720 | 5.85885417 | 32.66821 | -117.122587 | 6.02438657 | 32.66813 | -117.120747 |
| 5.6927083 | 32.670720 | -117.120720 | 5.85903935 | 32.66821 | -117.122587 | 6.02449074 | 32.66812 | -117.120773 |
| 5.6928819 | 32.670723 | -117.120707 | 5.85921296 | 32.6682 | -117.122613 | 6.02466435 | 32.66812 | -117.120787 |
| 5.6930556 | 32.670727 | -117.120693 | 5.859375 | 32.66821 | -117.122613 | 6.02483796 | 32.66812 | -117.120787 |
| 5.6932292 | 32.670720 | -117.120693 | 5.85954861 | 32.6682 | -117.122613 | 6.02501157 | 32.66814 | -117.1208 |
| 5.6934028 | 32.670720 | -117.120693 | 5.8597338 | 32.6682 | -117.12264 | 6.02570602 | 32.66816 | -117.12084 |
| 5.6935764 | 32.670727 | -117.120667 | 5.85990741 | 32.6682 | -117.122653 | 6.02587963 | 32.66815 | -117.12084 |
| 5.6937616 | 32.670730 | -117.120667 | 5.86008102 | 32.6682 | -117.122667 | 6.02605324 | 32.66815 | -117.120853 |
| 5.6939352 | 32.670740 | -117.120653 | 5.86025463 | 32.6682 | -117.122667 | 6.02622685 | 32.66816 | -117.120853 |
| 5.6941088 | 32.670740 | -117.120627 | 5.86164352 | 32.6682 | -117.1228 | 6.02640046 | 32.66817 | -117.120867 |
| 5.6942824 | 32.670737 | -117.120627 | 5.86181713 | 32.6682 | -117.1228 | 6.02657407 | 32.66816 | -117.120867 |
| 5.6944444 | 32.670737 | -117.120600 | 5.86199074 | 32.6682 | -117.122813 | 6.02674769 | 32.66815 | -117.12088 |
| 5.6946181 | 32.670730 | -117.120600 | 5.86215278 | 32.6682 | -117.122813 | 6.0269213 | 32.66815 | -117.12088 |
| 5.6947917 | 32.670730 | -117.120600 | 5.86233796 | 32.6682 | -117.122853 | 6.02709491 | 32.66813 | -117.120867 |
| 5.6949653 | 32.670730 | -117.120600 | 5.86251157 | 32.6682 | -117.122853 | 6.02726852 | 32.66813 | -117.12088 |
| 5.6958449 | 32.670717 | -117.120573 | 5.86267361 | 32.6682 | -117.122853 | 6.02744213 | 32.66813 | -117.12088 |
| 5.6960185 | 32.670717 | -117.120560 | 5.86284722 | 32.6682 | -117.122853 | 6.02761574 | 32.66813 | -117.12088 |
| 5.6961921 | 32.670710 | -117.120560 | 5.86302083 | 32.6682 | -117.122853 | 6.02778935 | 32.66812 | -117.12088 |
| 5.6963657 | 32.670717 | -117.120547 | 5.86319444 | 32.6682 | -117.122853 | 6.02796296 | 32.66813 | -117.12088 |
| 5.6965394 | 32.670717 | -117.120547 | 5.86336806 | 32.66819 | -117.122853 | 6.02813657 | 32.66814 | -117.12088 |
| 5.6967130 | 32.670720 | -117.120547 | 5.86354167 | 32.66819 | -117.122813 | 6.02831019 | 32.66815 | -117.120893 |
| 5.6968866 | 32.670707 | -117.120547 | 5.86371528 | 32.66818 | -117.122787 | 6.0284838 | 32.66816 | -117.12092 |
| 5.6970602 | 32.670700 | -117.120547 | 5.86390046 | 32.66817 | -117.12276 | 6.02865741 | 32.66815 | -117.12092 |
| 5.6972338 | 32.670687 | -117.120547 | 5.86414352 | 32.66816 | -117.12272 | 6.02883102 | 32.66813 | -117.12092 |
| 5.6973958 | 32.670683 | -117.120547 | 5.86435185 | 32.66815 | -117.122667 | 6.02900463 | 32.66813 | -117.12092 |
| 5.6975694 | 32.670683 | -117.120520 | 5.86443287 | 32.66815 | -117.122667 | 6.03108796 | 32.66813 | -117.121013 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6977431 | 32.670680 | -117.120520 | 5.86458333 | 32.66815 | -117.122667 | 6.03126157 | 32.66815 | -117.121013 |
| 5.6979167 | 32.670673 | -117.120507 | 5.86476852 | 32.66815 | -117.122653 | 6.03143519 | 32.66815 | -117.121027 |
| 5.6980903 | 32.670673 | -117.120493 | 5.86528935 | 32.66815 | -117.122613 | 6.0316088 | 32.66816 | -117.121027 |
| 5.6982755 | 32.670673 | -117.120480 | 5.86546296 | 32.66815 | -117.122587 | 6.03178241 | 32.66816 | -117.121067 |
| 5.6984491 | 32.670683 | -117.120480 | 5.86563657 | 32.66814 | -117.122547 | 6.03195602 | 32.66816 | -117.121067 |
| 5.6986227 | 32.670683 | -117.120453 | 5.86581019 | 32.66814 | -117.12252 | 6.03212963 | 32.66817 | -117.121067 |
| 5.6987963 | 32.670680 | -117.120453 | 5.8659838 | 32.66814 | -117.122507 | 6.03230324 | 32.66816 | -117.121067 |
| 5.6989583 | 32.670673 | -117.120453 | 5.86614583 | 32.66814 | -117.12248 | 6.03246528 | 32.66816 | -117.121067 |
| 5.6991319 | 32.670660 | -117.120453 | 5.86631944 | 32.66814 | -117.122467 | 6.03263889 | 32.66816 | -117.121067 |
| 5.7015625 | 32.670550 | -117.120400 | 5.86653935 | 32.66814 | -117.122427 | 6.0328588 | 32.66816 | -117.12108 |
| 5.7017477 | 32.670537 | -117.120400 | 5.86667824 | 32.66815 | -117.122413 | 6.03299769 | 32.66815 | -117.121093 |
| 5.7019213 | 32.670517 | -117.120400 | 5.86685185 | 32.66814 | -117.1224 | 6.0331713 | 32.66816 | -117.121107 |
| 5.7020949 | 32.670503 | -117.120413 | 5.86702546 | 32.66814 | -117.122373 | 6.03333333 | 32.66816 | -117.12112 |
| 5.7022685 | 32.670487 | -117.120453 | 5.86719907 | 32.66814 | -117.12236 | 6.03350694 | 32.66816 | -117.12112 |
| 5.7024421 | 32.670483 | -117.120453 | 5.86738426 | 32.66814 | -117.122333 | 6.03368056 | 32.66816 | -117.121147 |
| 5.7026273 | 32.670463 | -117.120493 | 5.86753472 | 32.66813 | -117.12232 | 6.03386574 | 32.66816 | -117.12116 |
| 5.7027778 | 32.670460 | -117.120520 | 5.86775463 | 32.66812 | -117.122293 | 6.03403935 | 32.66816 | -117.121173 |
| 5.7029630 | 32.670460 | -117.120547 | 5.86793982 | 32.66812 | -117.12228 | 6.03421296 | 32.66816 | -117.121187 |
| 5.7031366 | 32.670450 | -117.120560 | 5.86806713 | 32.66811 | -117.12228 | 6.03472222 | 32.66817 | -117.121187 |
| 5.7033102 | 32.670430 | -117.120587 | 5.86822917 | 32.6681 | -117.12228 | 6.03490741 | 32.66816 | -117.121187 |
| 5.7034722 | 32.670417 | -117.120600 | 5.86846065 | 32.6681 | -117.12228 | 6.03508102 | 32.66815 | -117.121187 |
| 5.7036458 | 32.670403 | -117.120640 | 5.86858796 | 32.6681 | -117.12228 | 6.03525463 | 32.66815 | -117.121213 |
| 5.7038194 | 32.670383 | -117.120667 | 5.8691088 | 32.6681 | -117.12228 | 6.03542824 | 32.66815 | -117.121213 |
| 5.7040046 | 32.670367 | -117.120693 | 5.86928241 | 32.6681 | -117.12228 | 6.03560185 | 32.66815 | -117.121227 |
| 5.7041898 | 32.670347 | -117.120720 | 5.86945602 | 32.6681 | -117.12228 | 6.03576389 | 32.66814 | -117.121253 |
| 5.7043403 | 32.670330 | -117.120733 | 5.86962963 | 32.6681 | -117.12228 | 6.0359375 | 32.66815 | -117.121253 |
| 5.7045139 | 32.670333 | -117.120747 | 5.86981482 | 32.6681 | -117.12228 | 6.03611111 | 32.66816 | -117.121267 |
| 5.7046875 | 32.670320 | -117.120787 | 5.86996528 | 32.66809 | -117.12228 | 6.03628472 | 32.66818 | -117.121267 |
| 5.7074769 | 32.670187 | -117.121160 | 5.87013889 | 32.66809 | -117.12228 | 6.03645833 | 32.66818 | -117.121267 |
| 5.7077431 | 32.670173 | -117.121187 | 5.87032407 | 32.66809 | -117.12228 | 6.03663194 | 32.66819 | -117.121293 |
| 5.7078241 | 32.670170 | -117.121213 | 5.87049769 | 32.66809 | -117.12228 | 6.03680556 | 32.6682 | -117.12132 |
| 5.7080556 | 32.670163 | -117.121213 | 5.8706713 | 32.66809 | -117.12228 | 6.03697917 | 32.66822 | -117.12132 |
| 5.7081597 | 32.670157 | -117.121227 | 5.87084491 | 32.66809 | -117.12228 | 6.03715278 | 32.66821 | -117.121333 |
| 5.7083333 | 32.670150 | -117.121240 | 5.87101852 | 32.66809 | -117.12228 | 6.03732639 | 32.6682 | -117.121333 |
| 5.7085069 | 32.670147 | -117.121253 | 5.87118056 | 32.66809 | -117.12228 | 6.0375 | 32.6682 | -117.12136 |
| 5.7086806 | 32.670147 | -117.121267 | 5.87135417 | 32.66809 | -117.12228 | 6.03767361 | 32.6682 | -117.12136 |
| 5.7088657 | 32.670150 | -117.121267 | 5.87152778 | 32.66809 | -117.12228 | 6.03784722 | 32.6682 | -117.12136 |
| 5.7090394 | 32.670150 | -117.121307 | 5.87170139 | 32.66809 | -117.12228 | 6.03802083 | 32.6682 | -117.12136 |
| 5.7092130 | 32.670147 | -117.121320 | 5.87188657 | 32.66809 | -117.12228 | 6.03940972 | 32.66823 | -117.1214 |
| 5.7093750 | 32.670147 | -117.121333 | 5.87206019 | 32.66808 | -117.12228 | 6.03958333 | 32.66824 | -117.1214 |
| 5.7095486 | 32.670150 | -117.121360 | 5.8722338 | 32.66808 | -117.12228 | 6.03975694 | 32.66824 | -117.121413 |
| 5.7097222 | 32.670153 | -117.121387 | 5.87240741 | 32.66807 | -117.12228 | 6.03993056 | 32.66824 | -117.1214 |
| 5.7099074 | 32.670147 | -117.121400 | 5.87313657 | 32.66806 | -117.12228 | 6.04010417 | 32.66826 | -117.121413 |
| 5.7100810 | 32.670157 | -117.121413 | 5.87327546 | 32.66806 | -117.12228 | 6.04027778 | 32.66826 | -117.121413 |
| 5.7102431 | 32.670157 | -117.121440 | 5.87344907 | 32.66806 | -117.12228 | 6.04045139 | 32.66824 | -117.12144 |
| 5.7104167 | 32.670157 | -117.121453 | 5.87361111 | 32.66806 | -117.122293 | 6.040625 | 32.66825 | -117.121453 |
| 5.7106481 | 32.670163 | -117.121480 | 5.87378472 | 32.66806 | -117.12228 | 6.04084491 | 32.66826 | -117.12148 |
| 5.7131019 | 32.670177 | -117.121707 | 5.87395833 | 32.66805 | -117.12228 | 6.04097222 | 32.66827 | -117.12148 |
| 5.7131944 | 32.670173 | -117.121707 | 5.87413194 | 32.66805 | -117.12228 | 6.04114583 | 32.66829 | -117.12152 |
| 5.7134259 | 32.670170 | -117.121747 | 5.87430556 | 32.66805 | -117.12228 | 6.04131944 | 32.66829 | -117.12152 |
| 5.7135532 | 32.670167 | -117.121747 | 5.87447917 | 32.66805 | -117.12228 | 6.04149306 | 32.6683 | -117.12152 |
| 5.7137269 | 32.670177 | -117.121760 | 5.87466435 | 32.66805 | -117.12228 | 6.04166667 | 32.66829 | -117.12152 |
| 5.7139005 | 32.670177 | -117.121800 | 5.87483796 | 32.66805 | -117.12228 | 6.04184028 | 32.6683 | -117.12152 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7140741 | 32.670190 | -117.121800 | 5.8750463 | 32.66805 | -117.12228 | 6.04201389 | 32.66831 | -117.12152 |
| 5.7142477 | 32.670187 | -117.121800 | 5.87517361 | 32.66805 | -117.12228 | 6.0421875 | 32.66831 | -117.12152 |
| 5.7144213 | 32.670193 | -117.121800 | 5.87534722 | 32.66805 | -117.12228 | 6.04236111 | 32.66831 | -117.121533 |
| 5.7145949 | 32.670193 | -117.121813 | 5.87552083 | 32.66805 | -117.12228 | 6.04253472 | 32.66831 | -117.121533 |
| 5.7147685 | 32.670193 | -117.121827 | 5.87570602 | 32.66805 | -117.12228 | 6.04270833 | 32.66831 | -117.121533 |
| 5.7149306 | 32.670200 | -117.121853 | 5.87587963 | 32.66804 | -117.12228 | 6.04324074 | 32.66832 | -117.121547 |
| 5.7151042 | 32.670200 | -117.121853 | 5.87604167 | 32.66804 | -117.12228 | 6.04341435 | 32.66832 | -117.121547 |
| 5.7152778 | 32.670207 | -117.121853 | 5.87621528 | 32.66804 | -117.12228 | 6.04358796 | 32.66832 | -117.121547 |
| 5.7154514 | 32.670193 | -117.121880 | 5.87638889 | 32.66804 | -117.12228 | 6.04376157 | 32.66831 | -117.12156 |
| 5.7156250 | 32.670190 | -117.121893 | 5.87693287 | 32.66804 | -117.12228 | 6.04393519 | 32.66829 | -117.1216 |
| 5.7157986 | 32.670187 | -117.121920 | 5.87708333 | 32.66804 | -117.12228 | 6.0441088 | 32.66828 | -117.1216 |
| 5.7159722 | 32.670187 | -117.121947 | 5.87726852 | 32.66803 | -117.12228 | 6.04428241 | 32.66829 | -117.121613 |
| 5.7161690 | 32.670190 | -117.121960 | 5.87744213 | 32.66803 | -117.12228 | 6.04445602 | 32.66829 | -117.121613 |
| 5.7184954 | 32.670210 | -117.122173 | 5.87761574 | 32.66803 | -117.12228 | 6.04462963 | 32.66828 | -117.121613 |
| 5.7185764 | 32.670210 | -117.122173 | 5.87778935 | 32.66803 | -117.122267 | 6.04480324 | 32.66828 | -117.121613 |
| 5.7188310 | 32.670213 | -117.122187 | 5.87803241 | 32.66803 | -117.122267 | 6.04497685 | 32.66828 | -117.121613 |
| 5.7189352 | 32.670220 | -117.122187 | 5.87813657 | 32.66803 | -117.122267 | 6.04515046 | 32.66828 | -117.121613 |
| 5.7191088 | 32.670220 | -117.122200 | 5.87831019 | 32.66803 | -117.122267 | 6.04532407 | 32.66828 | -117.121613 |
| 5.7192824 | 32.670220 | -117.122213 | 5.8784838 | 32.66802 | -117.122267 | 6.04549769 | 32.66828 | -117.121613 |
| 5.7195023 | 32.670213 | -117.122227 | 5.87865741 | 32.66802 | -117.122267 | 6.0456713 | 32.66828 | -117.121613 |
| 5.7196296 | 32.670213 | -117.122227 | 5.87885417 | 32.66802 | -117.122267 | 6.04584491 | 32.66828 | -117.121627 |
| 5.7197917 | 32.670210 | -117.122227 | 5.87900463 | 32.66802 | -117.122267 | 6.04601852 | 32.66828 | -117.121653 |
| 5.7199653 | 32.670203 | -117.122253 | 5.87917824 | 32.66802 | -117.122267 | 6.04619213 | 32.66828 | -117.121653 |
| 5.7201389 | 32.670200 | -117.122253 | 5.87935185 | 32.66801 | -117.122267 | 6.04636574 | 32.66828 | -117.121653 |
| 5.7203125 | 32.670200 | -117.122267 | 5.87952546 | 32.66801 | -117.122253 | 6.04688657 | 32.66828 | -117.121707 |
| 5.7204861 | 32.670200 | -117.122280 | 5.87969907 | 32.66801 | -117.122253 | 6.04706019 | 32.66828 | -117.121707 |
| 5.7207523 | 32.670200 | -117.122320 | 5.87987269 | 32.66801 | -117.122253 | 6.0472338 | 32.66828 | -117.121707 |
| 5.7208333 | 32.670193 | -117.122320 | 5.8800463 | 32.66801 | -117.122253 | 6.04740741 | 32.66828 | -117.121733 |
| 5.7210069 | 32.670190 | -117.122320 | 5.88038194 | 32.668 | -117.122253 | 6.04758102 | 32.66828 | -117.121747 |
| 5.7211921 | 32.670200 | -117.122333 | 5.88055556 | 32.668 | -117.122253 | 6.04775463 | 32.66829 | -117.121747 |
| 5.7213657 | 32.670193 | -117.122347 | 5.88074074 | 32.668 | -117.122227 | 6.04792824 | 32.66831 | -117.121747 |
| 5.7215394 | 32.670193 | -117.122360 | 5.88091435 | 32.668 | -117.122227 | 6.04810185 | 32.66831 | -117.121747 |
| 5.7239815 | 32.670203 | -117.122547 | 5.88108796 | 32.66799 | -117.122227 | 6.04827546 | 32.66831 | -117.121747 |
| 5.7241435 | 32.670203 | -117.122560 | 5.88125 | 32.66799 | -117.122227 | 6.04844907 | 32.66831 | -117.121747 |
| 5.7243171 | 32.670203 | -117.122587 | 5.88142361 | 32.66799 | -117.122227 | 6.04862269 | 32.66832 | -117.121747 |
| 5.7244792 | 32.670203 | -117.122613 | 5.88159722 | 32.66799 | -117.122213 | 6.0487963 | 32.66833 | -117.121747 |
| 5.7246759 | 32.670207 | -117.122613 | 5.88178241 | 32.66799 | -117.122213 | 6.04896991 | 32.66833 | -117.12176 |
| 5.7248264 | 32.670207 | -117.122627 | 5.88195602 | 32.66799 | -117.122213 | 6.04914352 | 32.66832 | -117.1218 |
| 5.7250116 | 32.670213 | -117.122640 | 5.88212963 | 32.66799 | -117.122213 | 6.04931713 | 32.66832 | -117.1218 |
| 5.7251852 | 32.670213 | -117.122653 | 5.88230324 | 32.66799 | -117.1222 | 6.04949074 | 32.66829 | -117.121813 |
| 5.7253588 | 32.670223 | -117.122667 | 5.8825463 | 32.66799 | -117.1222 | 6.04966435 | 32.66829 | -117.121827 |
| 5.7255324 | 32.670223 | -117.122667 | 5.88263889 | 32.66799 | -117.122187 | 6.04983796 | 32.66829 | -117.121827 |
| 5.7257060 | 32.670223 | -117.122707 | 5.8828125 | 32.66798 | -117.122187 | 6.05001157 | 32.66828 | -117.121853 |
| 5.7258796 | 32.670223 | -117.122720 | 5.88300926 | 32.66796 | -117.122187 | 6.05018519 | 32.66827 | -117.12188 |
| 5.7260532 | 32.670220 | -117.122733 | 5.88315972 | 32.66796 | -117.122173 | 6.05225694 | 32.66825 | -117.121987 |
| 5.7262153 | 32.670230 | -117.122760 | 5.88334491 | 32.66795 | -117.122173 | 6.05243056 | 32.66824 | -117.122 |
| 5.7263889 | 32.670223 | -117.122760 | 5.88351852 | 32.66794 | -117.122147 | 6.05260417 | 32.66824 | -117.122 |
| 5.7265625 | 32.670227 | -117.122773 | 5.88377315 | 32.66793 | -117.122133 | 6.05277778 | 32.66823 | -117.122 |
| 5.7267361 | 32.670223 | -117.122787 | 5.88628472 | 32.6679 | -117.122 | 6.05295139 | 32.66823 | -117.122 |
| 5.7269213 | 32.670223 | -117.122800 | 5.88645833 | 32.66789 | -117.122 | 6.053125 | 32.66823 | -117.122 |
| 5.7270949 | 32.670220 | -117.122813 | 5.88663194 | 32.6679 | -117.122 | 6.05329861 | 32.66823 | -117.122027 |
| 5.7281250 | 32.670223 | -117.122920 | 5.88681713 | 32.6679 | -117.121987 | 6.05347222 | 32.66823 | -117.122027 |
| 5.7282986 | 32.670223 | -117.122933 | 5.88706019 | 32.66789 | -117.121973 | 6.05364583 | 32.66823 | -117.122027 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7284838 | 32.670223 | -117.122947 | 5.88716435 | 32.66789 | -117.12196 | 6.05381944 | 32.66824 | -117.122027 |
| 5.7286574 | 32.670227 | -117.122960 | 5.88733796 | 32.6679 | -117.121947 | 6.05399306 | 32.66824 | -117.12204 |
| 5.7288310 | 32.670227 | -117.122987 | 5.8875 | 32.66789 | -117.121947 | 6.05416667 | 32.66824 | -117.12204 |
| 5.7290046 | 32.670220 | -117.123000 | 5.88767361 | 32.66789 | -117.121947 | 6.05434028 | 32.66823 | -117.12204 |
| 5.7291782 | 32.670220 | -117.123013 | 5.88793982 | 32.66789 | -117.121947 | 6.05451389 | 32.66823 | -117.122053 |
| 5.7293403 | 32.670220 | -117.123053 | 5.88802083 | 32.66789 | -117.121947 | 6.0546875 | 32.66823 | -117.122067 |
| 5.7295139 | 32.670213 | -117.123067 | 5.88819444 | 32.66789 | -117.121947 | 6.05486111 | 32.66823 | -117.122067 |
| 5.7297569 | 32.670213 | -117.123080 | 5.88836806 | 32.66788 | -117.12192 | 6.05503472 | 32.66823 | -117.122067 |
| 5.7298611 | 32.670213 | -117.123107 | 5.88854167 | 32.66788 | -117.121907 | 6.05520833 | 32.66823 | -117.122067 |
| 5.7300579 | 32.670213 | -117.123133 | 5.88871528 | 32.66788 | -117.121893 | 6.05538194 | 32.66823 | -117.122067 |
| 5.7302083 | 32.670220 | -117.123147 | 5.88888889 | 32.66788 | -117.12188 | 6.05555556 | 32.66823 | -117.122067 |
| 5.7303935 | 32.670223 | -117.123160 | 5.88907407 | 32.66786 | -117.121853 | 6.05608796 | 32.66823 | -117.122067 |
| 5.7305671 | 32.670223 | -117.123200 | 5.88924769 | 32.66786 | -117.121853 | 6.05626157 | 32.66823 | -117.122067 |
| 5.7307407 | 32.670223 | -117.123200 | 5.8894213 | 32.66786 | -117.12184 | 6.05643519 | 32.66823 | -117.122067 |
| 5.7309144 | 32.670223 | -117.123213 | 5.88959491 | 32.66787 | -117.121827 | 6.0566088 | 32.66823 | -117.122067 |
| 5.7310880 | 32.670223 | -117.123253 | 5.89114583 | 32.66785 | -117.121747 | 6.05678241 | 32.66823 | -117.12208 |
| 5.7312500 | 32.670213 | -117.123280 | 5.89131944 | 32.66786 | -117.121733 | 6.05695602 | 32.66823 | -117.12208 |
| 5.7314236 | 32.670220 | -117.123307 | 5.89159722 | 32.66786 | -117.121733 | 6.05712963 | 32.66823 | -117.12208 |
| 5.7336806 | 32.670183 | -117.123587 | 5.89167824 | 32.66786 | -117.121707 | 6.05730324 | 32.66823 | -117.12208 |
| 5.7338542 | 32.670177 | -117.123600 | 5.89189815 | 32.66785 | -117.121707 | 6.05747685 | 32.66822 | -117.12212 |
| 5.7340278 | 32.670177 | -117.123627 | 5.89202546 | 32.66785 | -117.121707 | 6.05765046 | 32.6682 | -117.122147 |
| 5.7342361 | 32.670167 | -117.123653 | 5.89219907 | 32.66785 | -117.121707 | 6.0578125 | 32.66822 | -117.122173 |
| 5.7343866 | 32.670170 | -117.123667 | 5.89237269 | 32.66785 | -117.121693 | 6.05798611 | 32.66822 | -117.122187 |
| 5.7346181 | 32.670163 | -117.123693 | 5.89259259 | 32.66784 | -117.121613 | 6.05815972 | 32.66821 | -117.122187 |
| 5.7347222 | 32.670157 | -117.123720 | 5.89271991 | 32.66784 | -117.121613 | 6.05833333 | 32.66821 | -117.1222 |
| 5.7348958 | 32.670153 | -117.123720 | 5.89296296 | 32.66784 | -117.1216 | 6.05850694 | 32.66821 | -117.122213 |
| 5.7350810 | 32.670147 | -117.123733 | 5.89306713 | 32.66784 | -117.1216 | 6.05868056 | 32.66821 | -117.122227 |
| 5.7352546 | 32.670140 | -117.123747 | 5.89324074 | 32.66784 | -117.1216 | 6.05885417 | 32.66821 | -117.122253 |
| 5.7354282 | 32.670133 | -117.123760 | 5.89341435 | 32.66784 | -117.1216 | 6.05902778 | 32.66822 | -117.122253 |
| 5.7356366 | 32.670127 | -117.123773 | 5.89358796 | 32.66783 | -117.1216 | 6.05920139 | 32.66822 | -117.122267 |
| 5.7357639 | 32.670127 | -117.123773 | 5.89376157 | 32.66783 | -117.1216 | 6.0597338 | 32.66824 | -117.122293 |
| 5.7359375 | 32.670117 | -117.123800 | 5.89392361 | 32.66783 | -117.1216 | 6.05990741 | 32.66824 | -117.12232 |
| 5.7361111 | 32.670100 | -117.123813 | 5.89409722 | 32.66782 | -117.121587 | 6.06008102 | 32.66824 | -117.12232 |
| 5.7363310 | 32.670093 | -117.123827 | 5.89427083 | 32.66782 | -117.12156 | 6.06025463 | 32.66824 | -117.12232 |
| 5.7364583 | 32.670090 | -117.123840 | 5.89453704 | 32.66782 | -117.121547 | 6.06042824 | 32.66824 | -117.12232 |
| 5.7366435 | 32.670077 | -117.123867 | 5.89696759 | 32.66781 | -117.121533 | 6.06060185 | 32.66824 | -117.12232 |
| 5.7368171 | 32.670070 | -117.123867 | 5.89704861 | 32.66781 | -117.121533 | 6.06077546 | 32.66824 | -117.12232 |
| 5.7394097 | 32.669913 | -117.124013 | 5.89722222 | 32.66781 | -117.121533 | 6.06094907 | 32.66824 | -117.12232 |
| 5.7395833 | 32.669900 | -117.124013 | 5.89739583 | 32.66781 | -117.121533 | 6.06112269 | 32.66824 | -117.12232 |
| 5.7397569 | 32.669887 | -117.124013 | 5.89758102 | 32.66781 | -117.121533 | 6.0612963 | 32.66824 | -117.12232 |
| 5.7399306 | 32.669863 | -117.124013 | 5.89775463 | 32.6678 | -117.121533 | 6.06145833 | 32.66824 | -117.12232 |
| 5.7401042 | 32.669853 | -117.124027 | 5.89792824 | 32.66779 | -117.12152 | 6.06163194 | 32.66824 | -117.122333 |
| 5.7402894 | 32.669843 | -117.124027 | 5.89810185 | 32.66779 | -117.121507 | 6.06180556 | 32.66824 | -117.122373 |
| 5.7404630 | 32.669833 | -117.124040 | 5.89827546 | 32.66778 | -117.121467 | 6.06197917 | 32.66825 | -117.122413 |
| 5.7406366 | 32.669820 | -117.124053 | 5.89851852 | 32.66777 | -117.121467 | 6.06215278 | 32.66825 | -117.122427 |
| 5.7408102 | 32.669807 | -117.124053 | 5.89862269 | 32.66777 | -117.121467 | 6.06232639 | 32.66826 | -117.122467 |
| 5.7409722 | 32.669793 | -117.124053 | 5.8987963 | 32.66776 | -117.121467 | 6.0625 | 32.66825 | -117.122467 |
| 5.7411458 | 32.669783 | -117.124067 | 5.89895833 | 32.66775 | -117.121467 | 6.06267361 | 32.66827 | -117.12252 |
| 5.7413194 | 32.669770 | -117.124067 | 5.89923611 | 32.66774 | -117.121413 | 6.06284722 | 32.66826 | -117.12252 |
| 5.7414931 | 32.669757 | -117.124067 | 5.89931713 | 32.66775 | -117.121413 | 6.06302083 | 32.66826 | -117.12252 |
| 5.7416667 | 32.669743 | -117.124067 | 5.89947917 | 32.66774 | -117.1214 | 6.06546296 | 32.66828 | -117.122613 |
| 5.7418403 | 32.669730 | -117.124067 | 5.89965278 | 32.66774 | -117.1214 | 6.06563657 | 32.66828 | -117.122613 |
| 5.7420139 | 32.669720 | -117.124067 | 5.89983796 | 32.66774 | -117.1214 | 6.06581019 | 32.66828 | -117.122613 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7421875 | 32.669707 | -117.124067 | 5.90001157 | 32.66774 | -117.121387 | 6.0659838 | 32.66828 | -117.122613 |
| 5.7423958 | 32.669687 | -117.124067 | 5.90018519 | 32.66774 | -117.12136 | 6.06615741 | 32.66828 | -117.122613 |
| 5.7425463 | 32.669673 | -117.124067 | 5.90244213 | 32.66773 | -117.121267 | 6.06633102 | 32.66827 | -117.122613 |
| 5.7427431 | 32.669653 | -117.124067 | 5.90261574 | 32.66773 | -117.121267 | 6.06650463 | 32.66828 | -117.122653 |
| 5.7437500 | 32.669560 | -117.124067 | 5.90277778 | 32.66773 | -117.121267 | 6.06667824 | 32.66828 | -117.122653 |
| 5.7439236 | 32.669543 | -117.124053 | 5.90295139 | 32.66774 | -117.121267 | 6.06685185 | 32.66828 | -117.122653 |
| 5.7440972 | 32.669527 | -117.124053 | 5.903125 | 32.66774 | -117.121267 | 6.06702546 | 32.66828 | -117.122653 |
| 5.7442708 | 32.669493 | -117.124053 | 5.90329861 | 32.66774 | -117.121253 | 6.06719907 | 32.66828 | -117.122653 |
| 5.7444444 | 32.669480 | -117.124053 | 5.90347222 | 32.66775 | -117.121253 | 6.06737269 | 32.66828 | -117.122653 |
| 5.7446181 | 32.669473 | -117.124053 | 5.90365741 | 32.66774 | -117.121227 | 6.0675463 | 32.66828 | -117.122653 |
| 5.7447917 | 32.669450 | -117.124053 | 5.90383102 | 32.66773 | -117.121227 | 6.06771991 | 32.66828 | -117.122667 |
| 5.7449653 | 32.669443 | -117.124053 | 5.90405093 | 32.66773 | -117.121213 | 6.06789352 | 32.66827 | -117.122667 |
| 5.7451389 | 32.669427 | -117.124053 | 5.90417824 | 32.66773 | -117.121213 | 6.06806713 | 32.66829 | -117.12272 |
| 5.7453241 | 32.669407 | -117.124040 | 5.90435185 | 32.66773 | -117.121213 | 6.06824074 | 32.66829 | -117.12272 |
| 5.7454977 | 32.669390 | -117.124040 | 5.90452546 | 32.66772 | -117.121213 | 6.06841435 | 32.66829 | -117.12276 |
| 5.7456713 | 32.669377 | -117.124027 | 5.90469907 | 32.66771 | -117.121213 | 6.06858796 | 32.66829 | -117.12276 |
| 5.7458449 | 32.669363 | -117.124013 | 5.90487269 | 32.6677 | -117.121213 | 6.06876157 | 32.66828 | -117.12276 |
| 5.7460185 | 32.669347 | -117.124013 | 5.9050463 | 32.6677 | -117.121187 | 6.07136574 | 32.66827 | -117.122813 |
| 5.7461921 | 32.669333 | -117.124013 | 5.90521991 | 32.66769 | -117.121187 | 6.07153935 | 32.66826 | -117.122853 |
| 5.7463657 | 32.669320 | -117.124013 | 5.90539352 | 32.66769 | -117.121187 | 6.07171296 | 32.66826 | -117.122907 |
| 5.7465394 | 32.669310 | -117.124013 | 5.90556713 | 32.66769 | -117.121173 | 6.07188657 | 32.66826 | -117.12292 |
| 5.7467130 | 32.669297 | -117.124013 | 5.9078588 | 32.66768 | -117.12108 | 6.07204861 | 32.66828 | -117.122933 |
| 5.7468866 | 32.669287 | -117.124013 | 5.90798611 | 32.66768 | -117.12108 | 6.07222222 | 32.66831 | -117.122933 |
| 5.7470602 | 32.669273 | -117.124013 | 5.90815972 | 32.66768 | -117.121067 | 6.07239583 | 32.66833 | -117.122947 |
| 5.7479282 | 32.669207 | -117.123973 | 5.90834491 | 32.66768 | -117.121067 | 6.07256944 | 32.66835 | -117.122947 |
| 5.7481019 | 32.669190 | -117.123960 | 5.90850694 | 32.66768 | -117.121067 | 6.07274306 | 32.66836 | -117.12296 |
| 5.7482755 | 32.669170 | -117.123960 | 5.90868056 | 32.66768 | -117.121067 | 6.07291667 | 32.66837 | -117.12296 |
| 5.7484491 | 32.669160 | -117.123960 | 5.90885417 | 32.66769 | -117.121067 | 6.07309028 | 32.66837 | -117.12296 |
| 5.7486227 | 32.669143 | -117.123947 | 5.90903935 | 32.66769 | -117.121027 | 6.07326389 | 32.66838 | -117.12296 |
| 5.7487963 | 32.669130 | -117.123947 | 5.90921296 | 32.66769 | -117.121013 | 6.0734375 | 32.66838 | -117.122987 |
| 5.7489699 | 32.669113 | -117.123947 | 5.90938657 | 32.66769 | -117.121013 | 6.07361111 | 32.66838 | -117.122987 |
| 5.7491435 | 32.669097 | -117.123920 | 5.90956019 | 32.66769 | -117.121013 | 6.07378472 | 32.66838 | -117.122987 |
| 5.7493171 | 32.669080 | -117.123920 | 5.9097338 | 32.66768 | -117.121013 | 6.07396991 | 32.66837 | -117.122987 |
| 5.7494907 | 32.669067 | -117.123920 | 5.90990741 | 32.66766 | -117.121 | 6.07414352 | 32.66836 | -117.122987 |
| 5.7496644 | 32.669050 | -117.123907 | 5.91008102 | 32.66767 | -117.120973 | 6.07431713 | 32.66832 | -117.122987 |
| 5.7498380 | 32.669033 | -117.123907 | 5.91025463 | 32.66768 | -117.12096 | 6.07449074 | 32.66832 | -117.123 |
| 5.7500116 | 32.669023 | -117.123893 | 5.91042824 | 32.66768 | -117.120947 | 6.07506944 | 32.66829 | -117.123013 |
| 5.7501852 | 32.669007 | -117.123880 | 5.91060185 | 32.66768 | -117.120933 | 6.07517361 | 32.66828 | -117.123013 |
| 5.7503588 | 32.668993 | -117.123880 | 5.91077546 | 32.66767 | -117.120933 | 6.07534722 | 32.66827 | -117.123013 |
| 5.7505324 | 32.668977 | -117.123880 | 5.9109838 | 32.66766 | -117.12092 | 6.07553241 | 32.66827 | -117.123013 |
| 5.7507060 | 32.668967 | -117.123867 | 5.91380787 | 32.66765 | -117.120787 | 6.07570602 | 32.66826 | -117.123013 |
| 5.7508796 | 32.668953 | -117.123867 | 5.91388889 | 32.66765 | -117.120773 | 6.07587963 | 32.66827 | -117.123027 |
| 5.7510532 | 32.668947 | -117.123867 | 5.9140625 | 32.66765 | -117.120747 | 6.07605324 | 32.66826 | -117.123013 |
| 5.7512269 | 32.668930 | -117.123867 | 5.91423611 | 32.66764 | -117.120747 | 6.07622685 | 32.66826 | -117.123013 |
| 5.7538310 | 32.668707 | -117.123600 | 5.91440972 | 32.66764 | -117.120747 | 6.07640046 | 32.66826 | -117.123 |
| 5.7540046 | 32.668683 | -117.123587 | 5.91459491 | 32.66765 | -117.120733 | 6.07657407 | 32.66825 | -117.123 |
| 5.7541667 | 32.668670 | -117.123573 | 5.91476852 | 32.66764 | -117.120733 | 6.07674769 | 32.66825 | -117.122987 |
| 5.7543403 | 32.668647 | -117.123547 | 5.91494213 | 32.66764 | -117.12072 | 6.0769213 | 32.66825 | -117.122987 |
| 5.7545139 | 32.668637 | -117.123520 | 5.91511574 | 32.66765 | -117.12072 | 6.07709491 | 32.66824 | -117.122987 |
| 5.7546875 | 32.668620 | -117.123480 | 5.91527778 | 32.66766 | -117.120707 | 6.07726852 | 32.66824 | -117.122987 |
| 5.7548611 | 32.668590 | -117.123467 | 5.91545139 | 32.66766 | -117.120693 | 6.07744213 | 32.66824 | -117.12296 |
| 5.7550347 | 32.668567 | -117.123440 | 5.91563657 | 32.66766 | -117.120667 | 6.07761574 | 32.66823 | -117.12296 |
| 5.7552083 | 32.668547 | -117.123427 | 5.91581019 | 32.66767 | -117.120653 | 6.07778935 | 32.66823 | -117.122933 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7553819 | 32.668530 | -117.123400 | 5.9159838 | 32.66768 | -117.120653 | 6.07796296 | 32.66823 | -117.12292 |
| 5.7555556 | 32.668517 | -117.123387 | 5.91614583 | 32.66767 | -117.120653 | 6.07813657 | 32.66823 | -117.122907 |
| 5.7557292 | 32.668503 | -117.123360 | 5.91631944 | 32.66767 | -117.120653 | 6.07831019 | 32.66822 | -117.12288 |
| 5.7559028 | 32.668480 | -117.123333 | 5.91649306 | 32.66767 | -117.12064 | 6.07969907 | 32.66821 | -117.122813 |
| 5.7560764 | 32.668470 | -117.123333 | 5.91666667 | 32.66768 | -117.120627 | 6.07987269 | 32.6682 | -117.122813 |
| 5.7562500 | 32.668460 | -117.123320 | 5.91685185 | 32.66767 | -117.1206 | 6.0800463 | 32.66819 | -117.122813 |
| 5.7564236 | 32.668443 | -117.123293 | 5.91944444 | 32.6677 | -117.12052 | 6.08021991 | 32.66819 | -117.122813 |
| 5.7565972 | 32.668433 | -117.123280 | 5.91961806 | 32.66771 | -117.120507 | 6.08039352 | 32.66819 | -117.122813 |
| 5.7567824 | 32.668417 | -117.123280 | 5.91980324 | 32.6677 | -117.120507 | 6.08056713 | 32.66819 | -117.122787 |
| 5.7570255 | 32.668403 | -117.123253 | 5.91997685 | 32.66771 | -117.120493 | 6.08074074 | 32.66818 | -117.12276 |
| 5.7571296 | 32.668393 | -117.123240 | 5.92021991 | 32.66772 | -117.12048 | 6.08091435 | 32.66818 | -117.122733 |
| 5.7586806 | 32.668310 | -117.123093 | 5.92032407 | 32.66773 | -117.12048 | 6.08108796 | 32.66818 | -117.12272 |
| 5.7588542 | 32.668293 | -117.123080 | 5.92049769 | 32.66772 | -117.120453 | 6.08126157 | 32.66817 | -117.12272 |
| 5.7590278 | 32.668283 | -117.123067 | 5.9206713 | 32.66772 | -117.120453 | 6.08143519 | 32.66817 | -117.12272 |
| 5.7592014 | 32.668270 | -117.123053 | 5.92084491 | 32.66771 | -117.120453 | 6.0816088 | 32.66817 | -117.12272 |
| 5.7593750 | 32.668263 | -117.123053 | 5.92101852 | 32.66771 | -117.120453 | 6.08178241 | 32.66818 | -117.122707 |
| 5.7595486 | 32.668247 | -117.123013 | 5.92119213 | 32.66771 | -117.120453 | 6.08195602 | 32.66818 | -117.122707 |
| 5.7597222 | 32.668237 | -117.123013 | 5.92136574 | 32.66772 | -117.120453 | 6.08212963 | 32.66818 | -117.122707 |
| 5.7598958 | 32.668230 | -117.123000 | 5.92153935 | 32.66771 | -117.12044 | 6.08230324 | 32.66818 | -117.122693 |
| 5.7600694 | 32.668220 | -117.122987 | 5.92171296 | 32.66772 | -117.120413 | 6.08247685 | 32.66818 | -117.122693 |
| 5.7602431 | 32.668213 | -117.122987 | 5.92188657 | 32.66773 | -117.120427 | 6.08265046 | 32.66818 | -117.122693 |
| 5.7604167 | 32.668203 | -117.122960 | 5.92206019 | 32.66773 | -117.120413 | 6.08282407 | 32.66818 | -117.122693 |
| 5.7605903 | 32.668197 | -117.122960 | 5.92222222 | 32.66773 | -117.120413 | 6.08299769 | 32.66817 | -117.122667 |
| 5.7607639 | 32.668193 | -117.122947 | 5.92239583 | 32.66773 | -117.120413 | 6.08559028 | 32.66812 | -117.122667 |
| 5.7609375 | 32.668183 | -117.122933 | 5.92256944 | 32.66773 | -117.1204 | 6.08576389 | 32.66811 | -117.122667 |
| 5.7611227 | 32.668173 | -117.122933 | 5.92361111 | 32.66773 | -117.1204 | 6.0859375 | 32.66811 | -117.122653 |
| 5.7612963 | 32.668163 | -117.122920 | 5.92378472 | 32.66774 | -117.1204 | 6.08611111 | 32.66812 | -117.12264 |
| 5.7614699 | 32.668153 | -117.122907 | 5.92395833 | 32.66774 | -117.120373 | 6.08628472 | 32.66812 | -117.12264 |
| 5.7616435 | 32.668137 | -117.122880 | 5.92414352 | 32.66774 | -117.12036 | 6.08645833 | 32.66812 | -117.12264 |
| 5.7618171 | 32.668130 | -117.122880 | 5.92431713 | 32.66775 | -117.12036 | 6.08664352 | 32.66812 | -117.122627 |
| 5.7619907 | 32.668130 | -117.122867 | 5.92449074 | 32.66775 | -117.12036 | 6.08681713 | 32.66812 | -117.122627 |
| 5.7645370 | 32.668030 | -117.122760 | 5.92466435 | 32.66775 | -117.12036 | 6.08697917 | 32.66813 | -117.122613 |
| 5.7647569 | 32.668020 | -117.122760 | 5.92483796 | 32.66776 | -117.12036 | 6.08715278 | 32.66815 | -117.122613 |
| 5.7649306 | 32.668013 | -117.122733 | 5.92501157 | 32.66776 | -117.120347 | 6.08732639 | 32.66815 | -117.122613 |
| 5.7651042 | 32.668000 | -117.122733 | 5.92518519 | 32.66777 | -117.120333 | 6.0875 | 32.66816 | -117.122613 |
| 5.7652778 | 32.667997 | -117.122720 | 5.9253588 | 32.66776 | -117.120347 | 6.08767361 | 32.66816 | -117.122613 |
| 5.7654514 | 32.667990 | -117.122720 | 5.92553241 | 32.66776 | -117.120347 | 6.08784722 | 32.66816 | -117.122613 |
| 5.7656250 | 32.667977 | -117.122693 | 5.92570602 | 32.66776 | -117.120333 | 6.08802083 | 32.66817 | -117.122613 |
| 5.7657986 | 32.667970 | -117.122667 | 5.92587963 | 32.66776 | -117.120333 | 6.08820602 | 32.66818 | -117.122627 |
| 5.7659838 | 32.667957 | -117.122667 | 5.92605324 | 32.66777 | -117.120333 | 6.08837963 | 32.66819 | -117.122627 |
| 5.7661574 | 32.667950 | -117.122667 | 5.92622685 | 32.66777 | -117.120307 | 6.08855324 | 32.66818 | -117.122627 |
| 5.7663310 | 32.667937 | -117.122667 | 5.92640046 | 32.66777 | -117.120307 | 6.08872685 | 32.66819 | -117.12264 |
| 5.7665046 | 32.667927 | -117.122653 | 5.92657407 | 32.66777 | -117.120307 | 6.08940972 | 32.66818 | -117.12264 |
| 5.7666667 | 32.667923 | -117.122653 | 5.92674769 | 32.66778 | -117.120293 | 6.08958333 | 32.66818 | -117.122653 |
| 5.7668403 | 32.667917 | -117.122627 | 5.9269213 | 32.66776 | -117.120293 | 6.08975694 | 32.66818 | -117.122653 |
| 5.7670139 | 32.667913 | -117.122613 | 5.92761574 | 32.66777 | -117.12028 | 6.08993056 | 32.66817 | -117.122667 |
| 5.7671875 | 32.667900 | -117.122613 | 5.92778935 | 32.66777 | -117.120267 | 6.09011574 | 32.66816 | -117.122667 |
| 5.7673611 | 32.667890 | -117.122613 | 5.92796296 | 32.66777 | -117.120267 | 6.09028935 | 32.66816 | -117.122667 |
| 5.7675347 | 32.667890 | -117.122613 | 5.92813657 | 32.66776 | -117.120267 | 6.09046296 | 32.66816 | -117.122667 |
| 5.7677083 | 32.667890 | -117.122613 | 5.92831019 | 32.66777 | -117.120267 | 6.090625 | 32.66815 | -117.122667 |
| 5.7703125 | 32.667830 | -117.122493 | 5.9284838 | 32.66777 | -117.120253 | 6.09079861 | 32.66815 | -117.122667 |
| 5.7704861 | 32.667827 | -117.122493 | 5.92865741 | 32.66777 | -117.120253 | 6.09097222 | 32.66815 | -117.122667 |
| 5.7706597 | 32.667827 | -117.122480 | 5.92881944 | 32.66777 | -117.120267 | 6.09114583 | 32.66814 | -117.122667 |

| 5.7708449 | 32.667827 | -117.122480 | 5.92899306 | 32.66778 | -117.120267 | 6.09134259 | 32.66814 | -117.122693 |
| 5.7710185 | 32.667827 | -117.122480 | 5.92916667 | 32.66779 | -117.120253 | 6.09149306 | 32.66814 | -117.122667 |

DrEx 112

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5771759 | 32.674167 | -117.115880 | 5.7496528 | 32.669743 | -117.124160 | 5.90938657 | 32.6673 | -117.11944 |
| 5.5772685 | 32.674153 | -117.115880 | 5.7498264 | 32.669727 | -117.124160 | 5.90956019 | 32.66733 | -117.119413 |
| 5.5774421 | 32.674137 | -117.115920 | 5.7500000 | 32.669720 | -117.124160 | 5.90972222 | 32.66732 | -117.119413 |
| 5.5776042 | 32.674127 | -117.115933 | 5.7501736 | 32.669720 | -117.124133 | 5.90989583 | 32.66733 | -117.1194 |
| 5.5777778 | 32.674110 | -117.115933 | 5.7503472 | 32.669693 | -117.124133 | 5.91148148 | 32.66727 | -117.119587 |
| 5.5779514 | 32.674093 | -117.115933 | 5.7505208 | 32.669683 | -117.124133 | 5.91164352 | 32.66726 | -117.119587 |
| 5.5781250 | 32.674077 | -117.115947 | 5.7506944 | 32.669677 | -117.124120 | 5.91180556 | 32.66726 | -117.11956 |
| 5.5782986 | 32.674063 | -117.115947 | 5.7508681 | 32.669660 | -117.124120 | 5.91197917 | 32.66726 | -117.119547 |
| 5.5784722 | 32.674053 | -117.115947 | 5.7510417 | 32.669647 | -117.124093 | 5.91215278 | 32.66726 | -117.119547 |
| 5.5786458 | 32.674043 | -117.115933 | 5.7536574 | 32.669463 | -117.123920 | 5.91232639 | 32.66725 | -117.119547 |
| 5.5788194 | 32.674037 | -117.115920 | 5.7538310 | 32.669453 | -117.123920 | 5.9125 | 32.66725 | -117.119547 |
| 5.5790046 | 32.674027 | -117.115920 | 5.7539931 | 32.669433 | -117.123907 | 5.91267361 | 32.66725 | -117.119547 |
| 5.5791782 | 32.674010 | -117.115920 | 5.7541667 | 32.669410 | -117.123893 | 5.91284722 | 32.66725 | -117.11956 |
| 5.5794444 | 32.673987 | -117.115933 | 5.7543403 | 32.669397 | -117.123880 | 5.91302083 | 32.66725 | -117.11956 |
| 5.5795255 | 32.673980 | -117.115933 | 5.7545139 | 32.669383 | -117.123880 | 5.91319444 | 32.66723 | -117.119587 |
| 5.5796991 | 32.673963 | -117.115933 | 5.7546875 | 32.669370 | -117.123867 | 5.9134375 | 32.66722 | -117.11956 |
| 5.5798727 | 32.673950 | -117.115933 | 5.7548611 | 32.669357 | -117.123867 | 5.91354167 | 32.66721 | -117.11956 |
| 5.5800463 | 32.673937 | -117.115933 | 5.7550579 | 32.669347 | -117.123867 | 5.91371528 | 32.66721 | -117.119547 |
| 5.5802199 | 32.673930 | -117.115933 | 5.7552199 | 32.669343 | -117.123867 | 5.91390046 | 32.66721 | -117.119533 |
| 5.5804861 | 32.673910 | -117.115947 | 5.7553935 | 32.669333 | -117.123827 | 5.91407407 | 32.66719 | -117.119547 |
| 5.5819792 | 32.673823 | -117.116000 | 5.7555671 | 32.669320 | -117.123827 | 5.91424769 | 32.6672 | -117.119533 |
| 5.5821296 | 32.673813 | -117.116000 | 5.7557407 | 32.669307 | -117.123813 | 5.91440972 | 32.66719 | -117.119533 |
| 5.5823148 | 32.673800 | -117.116000 | 5.7559144 | 32.669297 | -117.123800 | 5.91458333 | 32.6672 | -117.119533 |
| 5.5824653 | 32.673787 | -117.116013 | 5.7560880 | 32.669283 | -117.123773 | 5.91475694 | 32.66719 | -117.119533 |
| 5.5826389 | 32.673777 | -117.116013 | 5.7562616 | 32.669267 | -117.123773 | 5.91527778 | 32.66718 | -117.119547 |
| 5.5828241 | 32.673760 | -117.116013 | 5.7564236 | 32.669260 | -117.123760 | 5.91545139 | 32.66718 | -117.119547 |
| 5.5829977 | 32.673747 | -117.116027 | 5.7565972 | 32.669237 | -117.123747 | 5.915625 | 32.66718 | -117.119547 |
| 5.5831713 | 32.673733 | -117.116027 | 5.7567708 | 32.669230 | -117.123733 | 5.91584491 | 32.66718 | -117.119547 |
| 5.5833449 | 32.673723 | -117.116027 | 5.7569444 | 32.669217 | -117.123720 | 5.91597222 | 32.66719 | -117.119533 |
| 5.5835069 | 32.673713 | -117.116027 | 5.7574653 | 32.669213 | -117.123693 | 5.91614583 | 32.66718 | -117.119533 |
| 5.5836806 | 32.673703 | -117.116027 | 5.7576389 | 32.669210 | -117.123680 | 5.91631944 | 32.66718 | -117.119533 |
| 5.5838542 | 32.673693 | -117.116027 | 5.7578125 | 32.669180 | -117.123667 | 5.91649306 | 32.66718 | -117.11952 |
| 5.5840394 | 32.673680 | -117.116027 | 5.7579861 | 32.669160 | -117.123667 | 5.91666667 | 32.66718 | -117.11952 |
| 5.5842130 | 32.673667 | -117.116027 | 5.7581597 | 32.669150 | -117.123667 | 5.91684028 | 32.66718 | -117.119493 |
| 5.5843866 | 32.673660 | -117.116027 | 5.7583333 | 32.669140 | -117.123653 | 5.91702546 | 32.66717 | -117.119493 |
| 5.5845602 | 32.673660 | -117.116027 | 5.7585069 | 32.669120 | -117.123627 | 5.91719907 | 32.66716 | -117.119493 |
| 5.5847222 | 32.673660 | -117.116027 | 5.7586806 | 32.669107 | -117.123613 | 5.91737269 | 32.66716 | -117.11948 |
| 5.5849074 | 32.673660 | -117.116027 | 5.7588542 | 32.669107 | -117.123613 | 5.9175463 | 32.66715 | -117.119493 |
| 5.5850810 | 32.673657 | -117.116053 | 5.7590278 | 32.669103 | -117.123600 | 5.91771991 | 32.66715 | -117.119493 |
| 5.5853009 | 32.673657 | -117.116053 | 5.7592014 | 32.669087 | -117.123600 | 5.91789352 | 32.66715 | -117.119547 |
| 5.5862963 | 32.673650 | -117.116053 | 5.7593750 | 32.669070 | -117.123600 | 5.91806713 | 32.66717 | -117.11956 |
| 5.5864699 | 32.673650 | -117.116053 | 5.7595486 | 32.669060 | -117.123600 | 5.91824074 | 32.6672 | -117.119587 |
| 5.5866435 | 32.673647 | -117.116053 | 5.7597222 | 32.669043 | -117.123587 | 5.91841435 | 32.66722 | -117.1196 |
| 5.5868056 | 32.673647 | -117.116053 | 5.7598958 | 32.669030 | -117.123573 | 5.91858796 | 32.66726 | -117.1196 |
| 5.5869792 | 32.673647 | -117.116053 | 5.7600694 | 32.669023 | -117.123573 | 5.92136574 | 32.66771 | -117.119693 |
| 5.5871528 | 32.673647 | -117.116053 | 5.7602431 | 32.669010 | -117.123547 | 5.9216088 | 32.66772 | -117.119693 |
| 5.5873264 | 32.673640 | -117.116053 | 5.7604167 | 32.669003 | -117.123533 | 5.92171296 | 32.66772 | -117.119693 |
| 5.5875000 | 32.673640 | -117.116053 | 5.7605903 | 32.668987 | -117.123533 | 5.92188657 | 32.66772 | -117.119693 |
| 5.5876736 | 32.673637 | -117.116053 | 5.7607639 | 32.668967 | -117.123520 | 5.92206019 | 32.66774 | -117.11968 |
| 5.5878472 | 32.673620 | -117.116067 | 5.7612963 | 32.668933 | -117.123520 | 5.9222338 | 32.66774 | -117.119693 |
| 5.5880208 | 32.673600 | -117.116093 | 5.7614699 | 32.668920 | -117.123480 | 5.92240741 | 32.66774 | -117.119693 |
| 5.5882639 | 32.673580 | -117.116107 | 5.7616435 | 32.668900 | -117.123480 | 5.92258102 | 32.66776 | -117.119707 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5883912 | 32.673563 | -117.116133 | 5.7618171 | 32.668890 | -117.123480 | 5.92275463 | 32.66775 | -117.119693 |
| 5.5885417 | 32.673527 | -117.116160 | 5.7619907 | 32.668867 | -117.123480 | 5.92292824 | 32.66775 | -117.119693 |
| 5.5887616 | 32.673483 | -117.116200 | 5.7621644 | 32.668867 | -117.123467 | 5.92309028 | 32.66776 | -117.119693 |
| 5.5889468 | 32.673483 | -117.116200 | 5.7623380 | 32.668847 | -117.123467 | 5.92326389 | 32.66776 | -117.119693 |
| 5.5890741 | 32.673483 | -117.116200 | 5.7625116 | 32.668843 | -117.123467 | 5.9234375 | 32.66776 | -117.119693 |
| 5.5892477 | 32.673477 | -117.116200 | 5.7626852 | 32.668817 | -117.123467 | 5.92361111 | 32.66776 | -117.119693 |
| 5.5894213 | 32.673477 | -117.116200 | 5.7628588 | 32.668800 | -117.123453 | 5.92378472 | 32.66778 | -117.119693 |
| 5.5895833 | 32.673477 | -117.116200 | 5.76303241 | 32.66879 | -117.123453 | 5.92395833 | 32.66778 | -117.11968 |
| 5.5901157 | 32.673453 | -117.116213 | 5.76320602 | 32.66878 | -117.123427 | 5.92413194 | 32.66778 | -117.11968 |
| 5.5902894 | 32.673430 | -117.116253 | 5.76337963 | 32.66876 | -117.123427 | 5.92430556 | 32.6678 | -117.119667 |
| 5.5904630 | 32.673417 | -117.116253 | 5.76355324 | 32.66875 | -117.123427 | 5.92447917 | 32.66781 | -117.119667 |
| 5.5906366 | 32.673397 | -117.116280 | 5.76372685 | 32.66873 | -117.123427 | 5.92518519 | 32.66787 | -117.119667 |
| 5.5908102 | 32.673397 | -117.116280 | 5.76390046 | 32.66872 | -117.123387 | 5.9253588 | 32.66787 | -117.119667 |
| 5.5909838 | 32.673393 | -117.116280 | 5.76407407 | 32.66871 | -117.123387 | 5.92553241 | 32.66788 | -117.119667 |
| 5.5911574 | 32.673393 | -117.116280 | 5.76424769 | 32.6687 | -117.12336 | 5.92570602 | 32.6679 | -117.119667 |
| 5.5913194 | 32.673390 | -117.116280 | 5.7644213 | 32.66868 | -117.123333 | 5.92587963 | 32.6679 | -117.119667 |
| 5.5914931 | 32.673373 | -117.116307 | 5.76458333 | 32.66866 | -117.123307 | 5.92605324 | 32.66791 | -117.119667 |
| 5.5917245 | 32.673367 | -117.116307 | 5.76719907 | 32.6685 | -117.123133 | 5.92621528 | 32.66792 | -117.119667 |
| 5.5918519 | 32.673367 | -117.116307 | 5.76737269 | 32.66848 | -117.123107 | 5.92638889 | 32.66792 | -117.119667 |
| 5.5920255 | 32.673353 | -117.116320 | 5.7675463 | 32.66848 | -117.123107 | 5.9265625 | 32.66791 | -117.11968 |
| 5.5921875 | 32.673347 | -117.116347 | 5.76771991 | 32.66847 | -117.123093 | 5.92673611 | 32.66792 | -117.119667 |
| 5.5923611 | 32.673337 | -117.116347 | 5.76789352 | 32.66845 | -117.12308 | 5.92690972 | 32.66793 | -117.119667 |
| 5.5925463 | 32.673320 | -117.116347 | 5.76806713 | 32.66844 | -117.12308 | 5.92709491 | 32.66794 | -117.119667 |
| 5.5927199 | 32.673307 | -117.116373 | 5.76824074 | 32.66844 | -117.12308 | 5.92726852 | 32.66795 | -117.119667 |
| 5.5929514 | 32.673290 | -117.116387 | 5.76840278 | 32.66843 | -117.123053 | 5.92743056 | 32.66795 | -117.119667 |
| 5.5930556 | 32.673283 | -117.116400 | 5.76857639 | 32.66842 | -117.123027 | 5.92760417 | 32.66795 | -117.119667 |
| 5.5932407 | 32.673270 | -117.116400 | 5.76875 | 32.66841 | -117.123013 | 5.92777778 | 32.66795 | -117.11968 |
| 5.5934144 | 32.673253 | -117.116400 | 5.76892361 | 32.6684 | -117.123 | 5.92795139 | 32.66796 | -117.119667 |
| 5.5948032 | 32.673127 | -117.116533 | 5.7691088 | 32.66839 | -117.122987 | 5.92813657 | 32.66796 | -117.11968 |
| 5.5951042 | 32.673107 | -117.116547 | 5.76928241 | 32.66838 | -117.122987 | 5.92831019 | 32.66795 | -117.119693 |
| 5.5953241 | 32.673090 | -117.116547 | 5.76945602 | 32.66836 | -117.12296 | 5.9284838 | 32.66795 | -117.11968 |
| 5.5954977 | 32.673083 | -117.116587 | 5.76962963 | 32.66835 | -117.12296 | 5.92951389 | 32.66799 | -117.11968 |
| 5.5956597 | 32.673070 | -117.116587 | 5.76980324 | 32.66834 | -117.122947 | 5.9296875 | 32.66799 | -117.11968 |
| 5.5958333 | 32.673057 | -117.116600 | 5.76997685 | 32.66834 | -117.122947 | 5.92987269 | 32.668 | -117.119693 |
| 5.5960069 | 32.673043 | -117.116613 | 5.77015046 | 32.66833 | -117.122933 | 5.9300463 | 32.668 | -117.119693 |
| 5.5962616 | 32.673033 | -117.116640 | 5.77032407 | 32.66833 | -117.12292 | 5.93020833 | 32.668 | -117.11968 |
| 5.5963657 | 32.673027 | -117.116640 | 5.77100694 | 32.66829 | -117.12288 | 5.93038194 | 32.66802 | -117.119693 |
| 5.5965394 | 32.673013 | -117.116653 | 5.77118056 | 32.66828 | -117.12288 | 5.93055556 | 32.66803 | -117.119693 |
| 5.5967130 | 32.672997 | -117.116667 | 5.77135417 | 32.66828 | -117.12288 | 5.93072917 | 32.66803 | -117.119693 |
| 5.5968866 | 32.672983 | -117.116667 | 5.77153935 | 32.66827 | -117.122867 | 5.93090278 | 32.66803 | -117.119693 |
| 5.5970833 | 32.672967 | -117.116680 | 5.77171296 | 32.66827 | -117.122853 | 5.93107639 | 32.66804 | -117.119693 |
| 5.5972222 | 32.672957 | -117.116693 | 5.77188657 | 32.66827 | -117.12284 | 5.93125 | 32.66803 | -117.11968 |
| 5.5973958 | 32.672947 | -117.116693 | 5.77206019 | 32.66828 | -117.12284 | 5.93142361 | 32.66803 | -117.119667 |
| 5.5975810 | 32.672933 | -117.116720 | 5.7722338 | 32.66826 | -117.122813 | 5.93159722 | 32.66802 | -117.119667 |
| 5.5978241 | 32.672920 | -117.116733 | 5.77240741 | 32.66825 | -117.122813 | 5.93178241 | 32.66802 | -117.11968 |
| 5.5979282 | 32.672910 | -117.116747 | 5.77256944 | 32.66827 | -117.122813 | 5.93195602 | 32.66802 | -117.11968 |
| 5.5981019 | 32.672897 | -117.116760 | 5.77274306 | 32.66828 | -117.1228 | 5.93212963 | 32.66802 | -117.11968 |
| 5.5983333 | 32.672867 | -117.116787 | 5.77291667 | 32.66829 | -117.1228 | 5.93239583 | 32.66803 | -117.119667 |
| 5.5989583 | 32.672827 | -117.116840 | 5.77309028 | 32.66828 | -117.1228 | 5.93247685 | 32.66803 | -117.11968 |
| 5.5991319 | 32.672813 | -117.116840 | 5.77326389 | 32.66826 | -117.1228 | 5.93265046 | 32.66802 | -117.119693 |
| 5.5993056 | 32.672810 | -117.116867 | 5.77344907 | 32.66825 | -117.122787 | 5.93282407 | 32.66802 | -117.119693 |
| 5.5995833 | 32.672793 | -117.116880 | 5.77362269 | 32.66824 | -117.122787 | 5.93368056 | 32.66805 | -117.119707 |
| 5.5996644 | 32.672787 | -117.116893 | 5.7737963 | 32.66823 | -117.122773 | 5.93385417 | 32.66805 | -117.119707 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5998380 | 32.672773 | -117.116907 | 5.77396991 | 32.66822 | -117.122773 | 5.93402778 | 32.66806 | -117.119707 |
| 5.6000000 | 32.672767 | -117.116933 | 5.77414352 | 32.66821 | -117.12276 | 5.93424769 | 32.66806 | -117.119693 |
| 5.6002083 | 32.672753 | -117.116933 | 5.77431713 | 32.66821 | -117.12276 | 5.934375 | 32.66805 | -117.119707 |
| 5.6003588 | 32.672747 | -117.116947 | 5.77534722 | 32.6682 | -117.122667 | 5.93454861 | 32.66806 | -117.11972 |
| 5.6005324 | 32.672737 | -117.116947 | 5.77552083 | 32.6682 | -117.122667 | 5.93472222 | 32.66806 | -117.11972 |
| 5.6007060 | 32.672730 | -117.116973 | 5.77569444 | 32.6682 | -117.122667 | 5.93489583 | 32.66807 | -117.11972 |
| 5.6008796 | 32.672720 | -117.116987 | 5.77586806 | 32.6682 | -117.122667 | 5.93506944 | 32.66808 | -117.11972 |
| 5.6010417 | 32.672710 | -117.116987 | 5.77605324 | 32.6682 | -117.122653 | 5.93524306 | 32.66808 | -117.11972 |
| 5.6012153 | 32.672700 | -117.117013 | 5.77622685 | 32.66822 | -117.122627 | 5.93541667 | 32.66808 | -117.11972 |
| 5.6013889 | 32.672690 | -117.117027 | 5.77640046 | 32.66821 | -117.122627 | 5.93568287 | 32.66808 | -117.11972 |
| 5.6015625 | 32.672683 | -117.117053 | 5.77657407 | 32.66821 | -117.122613 | 5.93576389 | 32.66808 | -117.11972 |
| 5.6017361 | 32.672673 | -117.117080 | 5.77673611 | 32.6682 | -117.122613 | 5.93594907 | 32.66808 | -117.11972 |
| 5.6019097 | 32.672663 | -117.117080 | 5.77690972 | 32.6682 | -117.122613 | 5.93612269 | 32.66809 | -117.11972 |
| 5.6020833 | 32.672653 | -117.117093 | 5.77708333 | 32.6682 | -117.122613 | 5.9362963 | 32.6681 | -117.11972 |
| 5.6032986 | 32.672590 | -117.117227 | 5.77726852 | 32.66819 | -117.12256 | 5.93645833 | 32.66809 | -117.119747 |
| 5.6034838 | 32.672580 | -117.117240 | 5.77744213 | 32.66819 | -117.122547 | 5.93663194 | 32.6681 | -117.119747 |
| 5.6036574 | 32.672573 | -117.117267 | 5.77761574 | 32.66819 | -117.122547 | 5.93680556 | 32.6681 | -117.119747 |
| 5.6038310 | 32.672567 | -117.117280 | 5.77777778 | 32.66818 | -117.12252 | 5.93697917 | 32.66809 | -117.11976 |
| 5.6040046 | 32.672560 | -117.117307 | 5.77795139 | 32.66818 | -117.12252 | 5.9375 | 32.66809 | -117.119773 |
| 5.6041667 | 32.672553 | -117.117320 | 5.778125 | 32.66818 | -117.12252 | 5.93767361 | 32.6681 | -117.119787 |
| 5.6043403 | 32.672543 | -117.117333 | 5.77829861 | 32.66818 | -117.122493 | 5.93784722 | 32.6681 | -117.119787 |
| 5.6045139 | 32.672537 | -117.117347 | 5.77847222 | 32.66818 | -117.12248 | 5.93803241 | 32.66812 | -117.119773 |
| 5.6046875 | 32.672527 | -117.117387 | 5.77864583 | 32.66817 | -117.12248 | 5.93820602 | 32.66812 | -117.119787 |
| 5.6048611 | 32.672523 | -117.117400 | 5.77952546 | 32.66817 | -117.12244 | 5.93837963 | 32.66812 | -117.11976 |
| 5.6050347 | 32.672510 | -117.117413 | 5.77969907 | 32.66817 | -117.122427 | 5.93855324 | 32.66811 | -117.119773 |
| 5.6052083 | 32.672500 | -117.117453 | 5.77987269 | 32.66817 | -117.122413 | 5.93871528 | 32.6681 | -117.119773 |
| 5.6053819 | 32.672497 | -117.117453 | 5.7800463 | 32.66817 | -117.1224 | 5.93888889 | 32.66812 | -117.11976 |
| 5.6055556 | 32.672487 | -117.117467 | 5.78021991 | 32.66817 | -117.122373 | 5.9390625 | 32.66812 | -117.119773 |
| 5.6057292 | 32.672480 | -117.117480 | 5.78038194 | 32.66816 | -117.12236 | 5.93923611 | 32.66813 | -117.119787 |
| 5.6059144 | 32.672477 | -117.117493 | 5.78055556 | 32.66815 | -117.122347 | 5.93940972 | 32.66814 | -117.119787 |
| 5.6060880 | 32.672470 | -117.117507 | 5.78072917 | 32.66815 | -117.122333 | 5.93958333 | 32.66814 | -117.119787 |
| 5.6062616 | 32.672460 | -117.117533 | 5.78091435 | 32.66814 | -117.12232 | 5.93975694 | 32.66814 | -117.119787 |
| 5.6064352 | 32.672453 | -117.117547 | 5.78108796 | 32.66814 | -117.12232 | 5.93993056 | 32.66814 | -117.119787 |
| 5.6066088 | 32.672450 | -117.117547 | 5.78126157 | 32.66814 | -117.122293 | 5.94011574 | 32.66815 | -117.119813 |
| 5.6071296 | 32.672430 | -117.117600 | 5.78143519 | 32.66814 | -117.12228 | 5.94028935 | 32.66814 | -117.119813 |
| 5.6073148 | 32.672420 | -117.117613 | 5.7816088 | 32.66814 | -117.122267 | 5.94046296 | 32.66815 | -117.119813 |
| 5.6074653 | 32.672413 | -117.117613 | 5.78177083 | 32.66814 | -117.122253 | 5.94063657 | 32.66815 | -117.119813 |
| 5.6076389 | 32.672407 | -117.117640 | 5.78194444 | 32.66815 | -117.122227 | 5.94079861 | 32.66815 | -117.119813 |
| 5.6078241 | 32.672397 | -117.117653 | 5.78211806 | 32.66815 | -117.122213 | 5.94306713 | 32.66817 | -117.119813 |
| 5.6079977 | 32.672393 | -117.117653 | 5.78229167 | 32.66815 | -117.122213 | 5.94324074 | 32.66818 | -117.119813 |
| 5.6082292 | 32.672380 | -117.117653 | 5.78247685 | 32.66817 | -117.1222 | 5.94341435 | 32.66819 | -117.119813 |
| 5.6083333 | 32.672377 | -117.117680 | 5.78265046 | 32.66819 | -117.122187 | 5.94358796 | 32.66819 | -117.119813 |
| 5.6085069 | 32.672370 | -117.117693 | 5.78282407 | 32.6682 | -117.122187 | 5.94376157 | 32.6682 | -117.119813 |
| 5.6086806 | 32.672370 | -117.117707 | 5.78373843 | 32.6682 | -117.122147 | 5.94393519 | 32.6682 | -117.119813 |
| 5.6088542 | 32.672367 | -117.117720 | 5.78386574 | 32.6682 | -117.122133 | 5.94409722 | 32.6682 | -117.119813 |
| 5.6090278 | 32.672360 | -117.117747 | 5.78402778 | 32.66822 | -117.12212 | 5.94427083 | 32.66821 | -117.119813 |
| 5.6092014 | 32.672357 | -117.117747 | 5.78420139 | 32.66823 | -117.12212 | 5.94444444 | 32.66822 | -117.119813 |
| 5.6094213 | 32.672357 | -117.117747 | 5.784375 | 32.66823 | -117.12208 | 5.94461806 | 32.66822 | -117.119813 |
| 5.6095486 | 32.672357 | -117.117747 | 5.78454861 | 32.66824 | -117.12208 | 5.94483796 | 32.66822 | -117.119813 |
| 5.6097338 | 32.672357 | -117.117747 | 5.78472222 | 32.66825 | -117.12208 | 5.94496528 | 32.66823 | -117.119813 |
| 5.6099074 | 32.672357 | -117.117747 | 5.78489583 | 32.66825 | -117.122067 | 5.94513889 | 32.66823 | -117.119813 |
| 5.6100694 | 32.672357 | -117.117747 | 5.78506944 | 32.66826 | -117.122067 | 5.9453125 | 32.66823 | -117.119813 |
| 5.6102431 | 32.672357 | -117.117747 | 5.78524306 | 32.66827 | -117.122067 | 5.94548611 | 32.66823 | -117.119813 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6104167 | 32.672350 | -117.117747 | 5.78541667 | 32.66827 | -117.122053 | 5.94565972 | 32.66823 | -117.119813 |
| 5.6121528 | 32.672340 | -117.117773 | 5.78559028 | 32.66826 | -117.122027 | 5.94583333 | 32.66824 | -117.119787 |
| 5.6123264 | 32.672340 | -117.117773 | 5.78576389 | 32.66826 | -117.122 | 5.94601852 | 32.66824 | -117.119787 |
| 5.6125000 | 32.672340 | -117.117787 | 5.7859375 | 32.66827 | -117.122 | 5.94619213 | 32.66824 | -117.119787 |
| 5.6126736 | 32.672333 | -117.117787 | 5.78611111 | 32.66828 | -117.122 | 5.94636574 | 32.66825 | -117.119787 |
| 5.6128588 | 32.672333 | -117.117787 | 5.78628472 | 32.66828 | -117.122 | 5.94744213 | 32.66827 | -117.119787 |
| 5.6130324 | 32.672333 | -117.117787 | 5.78645833 | 32.66829 | -117.121987 | 5.94756944 | 32.66826 | -117.119813 |
| 5.6132060 | 32.672323 | -117.117800 | 5.78664352 | 32.66831 | -117.12196 | 5.94774306 | 32.66827 | -117.119787 |
| 5.6133681 | 32.672320 | -117.117800 | 5.78681713 | 32.66833 | -117.121947 | 5.94791667 | 32.66827 | -117.119787 |
| 5.6135417 | 32.672303 | -117.117853 | 5.78699074 | 32.66836 | -117.121947 | 5.94809028 | 32.66828 | -117.119787 |
| 5.6137500 | 32.672293 | -117.117853 | 5.78875 | 32.66831 | -117.12188 | 5.94826389 | 32.66829 | -117.119813 |
| 5.6139005 | 32.672283 | -117.117867 | 5.78890046 | 32.6683 | -117.12188 | 5.94849537 | 32.6683 | -117.119813 |
| 5.6140741 | 32.672273 | -117.117893 | 5.78907407 | 32.66828 | -117.121853 | 5.94862269 | 32.6683 | -117.119813 |
| 5.6142477 | 32.672260 | -117.117893 | 5.78924769 | 32.66827 | -117.121853 | 5.9487963 | 32.66829 | -117.119827 |
| 5.6144097 | 32.672257 | -117.117920 | 5.7894213 | 32.66827 | -117.121853 | 5.94896991 | 32.66829 | -117.119827 |
| 5.6145949 | 32.672250 | -117.117933 | 5.78959491 | 32.66827 | -117.121853 | 5.94914352 | 32.6683 | -117.119853 |
| 5.6147685 | 32.672233 | -117.117947 | 5.78976852 | 32.66828 | -117.12184 | 5.94931713 | 32.66831 | -117.119867 |
| 5.6149421 | 32.672223 | -117.117973 | 5.78994213 | 32.66832 | -117.121827 | 5.94951389 | 32.66832 | -117.119853 |
| 5.6151157 | 32.672220 | -117.117987 | 5.79011574 | 32.66833 | -117.121813 | 5.94965278 | 32.66832 | -117.119853 |
| 5.6152894 | 32.672210 | -117.118013 | 5.79028935 | 32.66833 | -117.121827 | 5.94982639 | 32.66832 | -117.119853 |
| 5.6154630 | 32.672203 | -117.118040 | 5.79046296 | 32.66833 | -117.121827 | 5.95 | 32.66833 | -117.119853 |
| 5.6161574 | 32.672183 | -117.118093 | 5.79063657 | 32.66833 | -117.121827 | 5.95018519 | 32.66833 | -117.119853 |
| 5.6163194 | 32.672180 | -117.118093 | 5.79083333 | 32.66833 | -117.121827 | 5.9503588 | 32.66833 | -117.119853 |
| 5.6164931 | 32.672173 | -117.118120 | 5.79097222 | 32.66833 | -117.121827 | 5.95053241 | 32.66833 | -117.119853 |
| 5.6166667 | 32.672167 | -117.118133 | 5.79114583 | 32.66833 | -117.121827 | 5.95072917 | 32.66833 | -117.119853 |
| 5.6168403 | 32.672163 | -117.118147 | 5.79131944 | 32.66833 | -117.121827 | 5.95261574 | 32.66833 | -117.119853 |
| 5.6170139 | 32.672160 | -117.118147 | 5.79149306 | 32.66833 | -117.121827 | 5.95278935 | 32.66834 | -117.11984 |
| 5.6171875 | 32.672153 | -117.118187 | 5.79171296 | 32.66833 | -117.121827 | 5.95296296 | 32.66834 | -117.119827 |
| 5.6173611 | 32.672147 | -117.118187 | 5.79185185 | 32.66833 | -117.121827 | 5.95313657 | 32.66835 | -117.11984 |
| 5.6175463 | 32.672143 | -117.118200 | 5.79202546 | 32.66833 | -117.121827 | 5.95331019 | 32.66834 | -117.119827 |
| 5.6177199 | 32.672140 | -117.118213 | 5.79271991 | 32.66833 | -117.121827 | 5.9534838 | 32.66833 | -117.119813 |
| 5.6178819 | 32.672130 | -117.118213 | 5.79289352 | 32.66833 | -117.121827 | 5.95364583 | 32.66834 | -117.119813 |
| 5.6180556 | 32.672130 | -117.118227 | 5.79305556 | 32.66833 | -117.121827 | 5.95381944 | 32.66834 | -117.119813 |
| 5.6182407 | 32.672130 | -117.118240 | 5.79322917 | 32.66833 | -117.121827 | 5.95399306 | 32.66834 | -117.119813 |
| 5.6184144 | 32.672127 | -117.118240 | 5.79340278 | 32.66833 | -117.121827 | 5.95416667 | 32.66834 | -117.119813 |
| 5.6187153 | 32.672127 | -117.118240 | 5.79357639 | 32.66833 | -117.121827 | 5.95434028 | 32.66834 | -117.119813 |
| 5.6189352 | 32.672123 | -117.118240 | 5.79375 | 32.66833 | -117.121827 | 5.95451389 | 32.66834 | -117.119813 |
| 5.6190972 | 32.672120 | -117.118267 | 5.79392361 | 32.66833 | -117.121827 | 5.9546875 | 32.66834 | -117.119813 |
| 5.6192708 | 32.672117 | -117.118267 | 5.79409722 | 32.66833 | -117.121827 | 5.95486111 | 32.66835 | -117.119813 |
| 5.6194444 | 32.672117 | -117.118280 | 5.79427083 | 32.66833 | -117.121827 | 5.9550463 | 32.66835 | -117.119813 |
| 5.6201389 | 32.672107 | -117.118333 | 5.79444444 | 32.66833 | -117.121827 | 5.95521991 | 32.66836 | -117.119813 |
| 5.6203241 | 32.672103 | -117.118333 | 5.79461806 | 32.66833 | -117.121827 | 5.95549769 | 32.66836 | -117.119827 |
| 5.6204977 | 32.672103 | -117.118333 | 5.79479167 | 32.66833 | -117.121827 | 5.95560185 | 32.66836 | -117.119827 |
| 5.6206713 | 32.672103 | -117.118333 | 5.79496528 | 32.66833 | -117.121827 | 5.95572917 | 32.66836 | -117.119827 |
| 5.6208449 | 32.672103 | -117.118347 | 5.79513889 | 32.66833 | -117.121827 | 5.95591435 | 32.66837 | -117.119813 |
| 5.6210069 | 32.672103 | -117.118373 | 5.7953125 | 32.66834 | -117.121827 | 5.95711806 | 32.66838 | -117.119787 |
| 5.6211806 | 32.672090 | -117.118413 | 5.79548611 | 32.66834 | -117.121827 | 5.95730324 | 32.66838 | -117.119787 |
| 5.6213542 | 32.672087 | -117.118453 | 5.79565972 | 32.66834 | -117.12184 | 5.95747685 | 32.66838 | -117.119787 |
| 5.6215278 | 32.672083 | -117.118467 | 5.79583333 | 32.66835 | -117.121853 | 5.95765046 | 32.66838 | -117.119787 |
| 5.6217130 | 32.672087 | -117.118493 | 5.79635417 | 32.6684 | -117.121853 | 5.95782407 | 32.66838 | -117.119787 |
| 5.6218866 | 32.672087 | -117.118520 | 5.79653935 | 32.66841 | -117.121853 | 5.95799769 | 32.66838 | -117.119787 |
| 5.6220602 | 32.672087 | -117.118533 | 5.79671296 | 32.66841 | -117.121853 | 5.95815972 | 32.66838 | -117.119787 |
| 5.6222338 | 32.672087 | -117.118560 | 5.79688657 | 32.66841 | -117.121893 | 5.95833333 | 32.66838 | -117.119813 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6224074 | 32.672083 | -117.118587 | 5.79706019 | 32.66838 | -117.121947 | 5.95850694 | 32.66838 | -117.119813 |
| 5.6225694 | 32.672080 | -117.118600 | 5.7972338 | 32.66834 | -117.121973 | 5.95873843 | 32.66838 | -117.119813 |
| 5.6227431 | 32.672080 | -117.118613 | 5.79740741 | 32.66827 | -117.121973 | 5.95886574 | 32.66839 | -117.119813 |
| 5.6229630 | 32.672067 | -117.118640 | 5.79758102 | 32.6682 | -117.121947 | 5.95913194 | 32.66838 | -117.119813 |
| 5.6230903 | 32.672057 | -117.118653 | 5.79775463 | 32.66821 | -117.121947 | 5.95920139 | 32.66838 | -117.119787 |
| 5.6232639 | 32.672057 | -117.118667 | 5.79792824 | 32.6682 | -117.121947 | 5.959375 | 32.66838 | -117.119787 |
| 5.6234838 | 32.672053 | -117.118680 | 5.79810185 | 32.66821 | -117.121947 | 5.95954861 | 32.66838 | -117.119773 |
| 5.6240625 | 32.672047 | -117.118720 | 5.79827546 | 32.66822 | -117.121947 | 5.9597338 | 32.66839 | -117.119787 |
| 5.6241435 | 32.672047 | -117.118720 | 5.79844907 | 32.66823 | -117.121947 | 5.95990741 | 32.6684 | -117.119787 |
| 5.6243056 | 32.672043 | -117.118720 | 5.79862269 | 32.66823 | -117.12192 | 5.96006944 | 32.6684 | -117.11976 |
| 5.6244792 | 32.672043 | -117.118720 | 5.7987963 | 32.66823 | -117.12192 | 5.96024306 | 32.66839 | -117.11976 |
| 5.6246528 | 32.672043 | -117.118733 | 5.79896991 | 32.66826 | -117.121907 | 5.96041667 | 32.6684 | -117.119747 |
| 5.6248380 | 32.672043 | -117.118747 | 5.79914352 | 32.66829 | -117.121893 | 5.96094907 | 32.66841 | -117.119747 |
| 5.6250116 | 32.672033 | -117.118760 | 5.79931713 | 32.6683 | -117.12188 | 5.96112269 | 32.66841 | -117.11976 |
| 5.6251852 | 32.672030 | -117.118760 | 5.79947917 | 32.66828 | -117.12188 | 5.96128472 | 32.66842 | -117.119773 |
| 5.6253588 | 32.672020 | -117.118787 | 5.79965278 | 32.66828 | -117.12188 | 5.96145833 | 32.66842 | -117.119773 |
| 5.6256250 | 32.672007 | -117.118827 | 5.80021991 | 32.66826 | -117.121853 | 5.96163194 | 32.66842 | -117.119773 |
| 5.6257292 | 32.672007 | -117.118827 | 5.80034722 | 32.66826 | -117.121853 | 5.96180556 | 32.66842 | -117.119773 |
| 5.6258681 | 32.672007 | -117.118853 | 5.80053241 | 32.66826 | -117.121853 | 5.96199074 | 32.66842 | -117.119773 |
| 5.6260417 | 32.672000 | -117.118853 | 5.80070602 | 32.66825 | -117.121853 | 5.96216435 | 32.66842 | -117.119773 |
| 5.6262153 | 32.672000 | -117.118853 | 5.8008912 | 32.66826 | -117.121853 | 5.96243056 | 32.66842 | -117.119773 |
| 5.6263889 | 32.671993 | -117.118867 | 5.80104167 | 32.66827 | -117.121853 | 5.96253472 | 32.66842 | -117.119773 |
| 5.6265741 | 32.671983 | -117.118867 | 5.80121528 | 32.66827 | -117.121853 | 5.96267361 | 32.66842 | -117.119773 |
| 5.6267477 | 32.671977 | -117.118880 | 5.80138889 | 32.66827 | -117.121853 | 5.96284722 | 32.66842 | -117.119773 |
| 5.6269213 | 32.671970 | -117.118907 | 5.8015625 | 32.66828 | -117.121853 | 5.96302083 | 32.66843 | -117.119787 |
| 5.6270833 | 32.671963 | -117.118907 | 5.80174769 | 32.66829 | -117.121853 | 5.96319444 | 32.66843 | -117.119787 |
| 5.6272569 | 32.671957 | -117.118933 | 5.8019213 | 32.66828 | -117.121853 | 5.96337963 | 32.66844 | -117.119787 |
| 5.6300347 | 32.671810 | -117.119147 | 5.80208333 | 32.66828 | -117.121853 | 5.96364583 | 32.66844 | -117.119787 |
| 5.6302083 | 32.671797 | -117.119160 | 5.80225694 | 32.66828 | -117.121853 | 5.96372685 | 32.66844 | -117.119787 |
| 5.6303935 | 32.671797 | -117.119160 | 5.80243056 | 32.66828 | -117.121853 | 5.96390046 | 32.66844 | -117.119787 |
| 5.6305671 | 32.671793 | -117.119160 | 5.80260417 | 32.66829 | -117.121853 | 5.96407407 | 32.66845 | -117.119787 |
| 5.6307292 | 32.671780 | -117.119173 | 5.80278935 | 32.66828 | -117.121853 | 5.96423611 | 32.66845 | -117.119787 |
| 5.6309028 | 32.671773 | -117.119187 | 5.80296296 | 32.66828 | -117.121853 | 5.96725694 | 32.66849 | -117.119787 |
| 5.6310764 | 32.671767 | -117.119200 | 5.80318287 | 32.66828 | -117.121853 | 5.96737269 | 32.66849 | -117.119773 |
| 5.6312500 | 32.671760 | -117.119200 | 5.80331019 | 32.66827 | -117.121853 | 5.9675463 | 32.6685 | -117.11976 |
| 5.6314236 | 32.671750 | -117.119200 | 5.80347222 | 32.66827 | -117.121853 | 5.96771991 | 32.6685 | -117.119787 |
| 5.6315972 | 32.671743 | -117.119227 | 5.80555556 | 32.66833 | -117.12196 | 5.96788194 | 32.66849 | -117.119813 |
| 5.6317708 | 32.671737 | -117.119240 | 5.80574074 | 32.66832 | -117.121987 | 5.96805556 | 32.66846 | -117.119867 |
| 5.6319444 | 32.671730 | -117.119253 | 5.80591435 | 32.66832 | -117.122 | 5.96822917 | 32.66843 | -117.119893 |
| 5.6321181 | 32.671720 | -117.119267 | 5.80608796 | 32.66832 | -117.122027 | 5.96840278 | 32.66838 | -117.11996 |
| 5.6323843 | 32.671703 | -117.119267 | 5.80625 | 32.66833 | -117.12204 | 5.96857639 | 32.66834 | -117.12 |
| 5.6324653 | 32.671700 | -117.119293 | 5.80642361 | 32.66833 | -117.122053 | 5.96876157 | 32.6683 | -117.120053 |
| 5.6326389 | 32.671697 | -117.119293 | 5.80659722 | 32.66833 | -117.122053 | 5.96893519 | 32.66826 | -117.12008 |
| 5.6328125 | 32.671687 | -117.119293 | 5.80677083 | 32.66833 | -117.122053 | 5.9691088 | 32.6682 | -117.12012 |
| 5.6329861 | 32.671680 | -117.119307 | 5.80694444 | 32.66833 | -117.122053 | 5.96928241 | 32.66815 | -117.12012 |
| 5.6331597 | 32.671670 | -117.119320 | 5.80711806 | 32.66833 | -117.122067 | 5.96945602 | 32.66812 | -117.12012 |
| 5.6336921 | 32.671640 | -117.119333 | 5.80729167 | 32.66833 | -117.122067 | 5.96962963 | 32.66812 | -117.120147 |
| 5.6338657 | 32.671627 | -117.119333 | 5.80746528 | 32.66833 | -117.122067 | 5.96980324 | 32.66812 | -117.1202 |
| 5.6340394 | 32.671607 | -117.119373 | 5.80763889 | 32.66833 | -117.122067 | 5.96997685 | 32.66812 | -117.120293 |
| 5.6342130 | 32.671597 | -117.119387 | 5.8078125 | 32.66833 | -117.122067 | 5.97020833 | 32.66813 | -117.120307 |
| 5.6343866 | 32.671583 | -117.119387 | 5.80798611 | 32.66833 | -117.12208 | 5.9703125 | 32.66814 | -117.120307 |
| 5.6345602 | 32.671567 | -117.119400 | 5.80815972 | 32.66831 | -117.12208 | 5.97048611 | 32.66815 | -117.120307 |
| 5.6347338 | 32.671557 | -117.119400 | 5.80833333 | 32.66832 | -117.122133 | 5.97152778 | 32.66818 | -117.12028 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6348958 | 32.671547 | -117.119413 | 5.80850694 | 32.66832 | -117.122147 | 5.97170139 | 32.66818 | -117.120267 |
| 5.6350694 | 32.671537 | -117.119413 | 5.80868056 | 32.66831 | -117.122173 | 5.971875 | 32.66818 | -117.12028 |
| 5.6352431 | 32.671527 | -117.119440 | 5.80885417 | 32.66832 | -117.122187 | 5.97206019 | 32.66819 | -117.120267 |
| 5.6354167 | 32.671517 | -117.119453 | 5.80938657 | 32.66831 | -117.122213 | 5.9722338 | 32.66819 | -117.120267 |
| 5.6355903 | 32.671503 | -117.119453 | 5.80954861 | 32.6683 | -117.122213 | 5.97240741 | 32.66819 | -117.120267 |
| 5.6358102 | 32.671503 | -117.119467 | 5.80972222 | 32.66829 | -117.122227 | 5.97258102 | 32.66819 | -117.120267 |
| 5.6359375 | 32.671497 | -117.119467 | 5.80989583 | 32.66828 | -117.122253 | 5.97275463 | 32.6682 | -117.120267 |
| 5.6361111 | 32.671490 | -117.119480 | 5.81006944 | 32.66827 | -117.122267 | 5.97292824 | 32.6682 | -117.120267 |
| 5.6362847 | 32.671473 | -117.119493 | 5.81024306 | 32.66827 | -117.12228 | 5.97310185 | 32.6682 | -117.120267 |
| 5.6364583 | 32.671463 | -117.119493 | 5.81041667 | 32.66826 | -117.122293 | 5.97327546 | 32.66821 | -117.120267 |
| 5.6366319 | 32.671453 | -117.119520 | 5.81059028 | 32.66826 | -117.122293 | 5.97350694 | 32.6682 | -117.120253 |
| 5.6368056 | 32.671443 | -117.119520 | 5.81076389 | 32.66826 | -117.12232 | 5.97361111 | 32.6682 | -117.120267 |
| 5.6369907 | 32.671430 | -117.119533 | 5.8109375 | 32.66826 | -117.122333 | 5.97381944 | 32.6682 | -117.12028 |
| 5.6397569 | 32.671263 | -117.119693 | 5.81111111 | 32.66825 | -117.122347 | 5.97396991 | 32.66821 | -117.120267 |
| 5.6399306 | 32.671257 | -117.119707 | 5.81128472 | 32.66826 | -117.12236 | 5.97414352 | 32.66822 | -117.12028 |
| 5.6401157 | 32.671243 | -117.119720 | 5.81146991 | 32.66825 | -117.122373 | 5.97430556 | 32.66824 | -117.12028 |
| 5.6402894 | 32.671227 | -117.119747 | 5.81164352 | 32.66825 | -117.122373 | 5.97447917 | 32.66824 | -117.12028 |
| 5.6404514 | 32.671220 | -117.119747 | 5.81181713 | 32.66825 | -117.122373 | 5.97465278 | 32.66824 | -117.12028 |
| 5.6406250 | 32.671213 | -117.119773 | 5.81199074 | 32.66824 | -117.1224 | 5.97482639 | 32.66824 | -117.120267 |
| 5.6407986 | 32.671200 | -117.119787 | 5.81216435 | 32.66823 | -117.122413 | 5.97712963 | 32.66837 | -117.12028 |
| 5.6409722 | 32.671190 | -117.119787 | 5.81233796 | 32.66823 | -117.122413 | 5.97726852 | 32.66837 | -117.120293 |
| 5.6411921 | 32.671177 | -117.119813 | 5.81251157 | 32.66822 | -117.122427 | 5.97744213 | 32.66838 | -117.120293 |
| 5.6413194 | 32.671160 | -117.119813 | 5.81268519 | 32.66823 | -117.122467 | 5.97761574 | 32.66838 | -117.120307 |
| 5.6414931 | 32.671143 | -117.119813 | 5.81423611 | 32.66821 | -117.122613 | 5.97778935 | 32.66837 | -117.12028 |
| 5.6416667 | 32.671130 | -117.119840 | 5.81440972 | 32.6682 | -117.122613 | 5.97796296 | 32.66836 | -117.120267 |
| 5.6418519 | 32.671117 | -117.119853 | 5.81458333 | 32.6682 | -117.122613 | 5.978125 | 32.66836 | -117.120267 |
| 5.6420255 | 32.671103 | -117.119867 | 5.81475694 | 32.6682 | -117.122627 | 5.97829861 | 32.66834 | -117.120253 |
| 5.6421991 | 32.671093 | -117.119867 | 5.81493056 | 32.6682 | -117.122653 | 5.9784838 | 32.66833 | -117.120253 |
| 5.6424306 | 32.671080 | -117.119867 | 5.81510417 | 32.6682 | -117.122667 | 5.97869213 | 32.66831 | -117.120227 |
| 5.6425347 | 32.671073 | -117.119867 | 5.81527778 | 32.6682 | -117.122667 | 5.97881944 | 32.66831 | -117.120213 |
| 5.6427199 | 32.671067 | -117.119893 | 5.81545139 | 32.6682 | -117.122667 | 5.97899306 | 32.66831 | -117.120213 |
| 5.6429514 | 32.671053 | -117.119907 | 5.815625 | 32.6682 | -117.122693 | 5.97916667 | 32.66832 | -117.120213 |
| 5.6454861 | 32.670883 | -117.120053 | 5.81579861 | 32.66819 | -117.122693 | 5.97934028 | 32.66833 | -117.120213 |
| 5.6456597 | 32.670873 | -117.120053 | 5.81597222 | 32.66819 | -117.122707 | 5.97951389 | 32.66833 | -117.120227 |
| 5.6458449 | 32.670863 | -117.120067 | 5.81614583 | 32.66818 | -117.12272 | 5.9796875 | 32.66835 | -117.120227 |
| 5.6460185 | 32.670853 | -117.120080 | 5.81631944 | 32.66819 | -117.12272 | 5.97987269 | 32.66835 | -117.120213 |
| 5.6461921 | 32.670840 | -117.120080 | 5.81649306 | 32.66818 | -117.122733 | 5.9800463 | 32.66835 | -117.120213 |
| 5.6463542 | 32.670827 | -117.120107 | 5.81666667 | 32.66819 | -117.122733 | 5.98021991 | 32.66836 | -117.120213 |
| 5.6465394 | 32.670803 | -117.120107 | 5.81684028 | 32.66819 | -117.122733 | 5.98039352 | 32.66836 | -117.120213 |
| 5.6467130 | 32.670793 | -117.120120 | 5.81701389 | 32.6682 | -117.12276 | 5.98265046 | 32.66845 | -117.120187 |
| 5.6468866 | 32.670783 | -117.120120 | 5.8171875 | 32.66819 | -117.12276 | 5.9828125 | 32.66845 | -117.120187 |
| 5.6470602 | 32.670767 | -117.120133 | 5.81736111 | 32.6682 | -117.12276 | 5.98298611 | 32.66844 | -117.12016 |
| 5.6472338 | 32.670753 | -117.120147 | 5.81753472 | 32.6682 | -117.122787 | 5.98315972 | 32.66843 | -117.12016 |
| 5.6474074 | 32.670730 | -117.120147 | 5.81857639 | 32.66821 | -117.122813 | 5.98334491 | 32.66844 | -117.120147 |
| 5.6475694 | 32.670720 | -117.120160 | 5.81875 | 32.66821 | -117.122813 | 5.98350694 | 32.66842 | -117.12012 |
| 5.6477431 | 32.670703 | -117.120187 | 5.81892361 | 32.66821 | -117.122813 | 5.98368056 | 32.66842 | -117.12012 |
| 5.6479514 | 32.670693 | -117.120200 | 5.81909722 | 32.6682 | -117.122813 | 5.98385417 | 32.66841 | -117.120107 |
| 5.6481019 | 32.670683 | -117.120200 | 5.81931713 | 32.6682 | -117.122813 | 5.98408565 | 32.66843 | -117.120107 |
| 5.6482755 | 32.670673 | -117.120213 | 5.81944444 | 32.6682 | -117.122813 | 5.98421296 | 32.66843 | -117.120107 |
| 5.6484491 | 32.670667 | -117.120227 | 5.81961806 | 32.66819 | -117.12284 | 5.98438657 | 32.66844 | -117.12008 |
| 5.6486111 | 32.670660 | -117.120253 | 5.81980324 | 32.66819 | -117.12284 | 5.98456019 | 32.66845 | -117.12008 |
| 5.6501736 | 32.670563 | -117.120333 | 5.82003472 | 32.66818 | -117.122853 | 5.98472222 | 32.66846 | -117.12008 |
| 5.6503588 | 32.670557 | -117.120347 | 5.82015046 | 32.66818 | -117.122853 | 5.98489583 | 32.66847 | -117.12008 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6505324 | 32.670550 | -117.120360 | 5.82032407 | 32.66818 | -117.122853 | 5.98506944 | 32.66847 | -117.120053 |
| 5.6507755 | 32.670537 | -117.120373 | 5.82049769 | 32.66817 | -117.12288 | 5.98524306 | 32.66848 | -117.120053 |
| 5.6508796 | 32.670527 | -117.120400 | 5.8206713 | 32.66816 | -117.12288 | 5.98541667 | 32.66849 | -117.120067 |
| 5.6510532 | 32.670523 | -117.120400 | 5.82083333 | 32.66815 | -117.12288 | 5.98559028 | 32.66851 | -117.120067 |
| 5.6512269 | 32.670517 | -117.120400 | 5.82100694 | 32.66814 | -117.122907 | 5.98576389 | 32.66852 | -117.120053 |
| 5.6513889 | 32.670513 | -117.120413 | 5.82118056 | 32.66813 | -117.12288 | 5.98628472 | 32.66853 | -117.120067 |
| 5.6515625 | 32.670500 | -117.120427 | 5.82135417 | 32.66812 | -117.12288 | 5.98645833 | 32.66853 | -117.120053 |
| 5.6517593 | 32.670490 | -117.120453 | 5.82152778 | 32.66811 | -117.12288 | 5.98664352 | 32.66853 | -117.12004 |
| 5.6520023 | 32.670480 | -117.120453 | 5.82170139 | 32.66809 | -117.122907 | 5.98681713 | 32.66854 | -117.120013 |
| 5.6520833 | 32.670480 | -117.120453 | 5.821875 | 32.66809 | -117.122907 | 5.98699074 | 32.66853 | -117.120013 |
| 5.6522685 | 32.670470 | -117.120480 | 5.82258102 | 32.66805 | -117.12292 | 5.98715278 | 32.6685 | -117.12008 |
| 5.6524421 | 32.670463 | -117.120493 | 5.82274306 | 32.66804 | -117.122907 | 5.98732639 | 32.66842 | -117.120107 |
| 5.6526157 | 32.670453 | -117.120507 | 5.82291667 | 32.66803 | -117.122907 | 5.9875 | 32.66836 | -117.12012 |
| 5.6527778 | 32.670443 | -117.120520 | 5.82309028 | 32.66803 | -117.122907 | 5.98767361 | 32.66833 | -117.120227 |
| 5.6529514 | 32.670433 | -117.120520 | 5.82326389 | 32.66802 | -117.122907 | 5.9878588 | 32.66828 | -117.120333 |
| 5.6531250 | 32.670427 | -117.120547 | 5.8234838 | 32.668 | -117.122907 | 5.98803241 | 32.66823 | -117.12044 |
| 5.6533449 | 32.670417 | -117.120547 | 5.82361111 | 32.66799 | -117.122907 | 5.98819444 | 32.66818 | -117.120427 |
| 5.6557407 | 32.670370 | -117.120720 | 5.82378472 | 32.668 | -117.122907 | 5.98836806 | 32.66816 | -117.120427 |
| 5.6559259 | 32.670367 | -117.120733 | 5.82395833 | 32.66799 | -117.122907 | 5.98854167 | 32.66816 | -117.120427 |
| 5.6560764 | 32.670360 | -117.120747 | 5.82413194 | 32.66799 | -117.122907 | 5.98871528 | 32.66816 | -117.120413 |
| 5.6563079 | 32.670350 | -117.120787 | 5.82439815 | 32.66796 | -117.12288 | 5.98888889 | 32.66816 | -117.120413 |
| 5.6564352 | 32.670347 | -117.120787 | 5.82447917 | 32.66796 | -117.12288 | 5.9890625 | 32.66816 | -117.1204 |
| 5.6566088 | 32.670340 | -117.120800 | 5.82467593 | 32.66795 | -117.12288 | 5.9893287 | 32.66815 | -117.1204 |
| 5.6568403 | 32.670333 | -117.120813 | 5.82483796 | 32.66794 | -117.12288 | 5.98940972 | 32.66814 | -117.1204 |
| 5.6569444 | 32.670330 | -117.120840 | 5.82501157 | 32.66794 | -117.12288 | 5.98994213 | 32.66811 | -117.120347 |
| 5.6571181 | 32.670323 | -117.120853 | 5.82517361 | 32.66793 | -117.12288 | 5.99010417 | 32.6681 | -117.120347 |
| 5.6572917 | 32.670320 | -117.120867 | 5.82534722 | 32.66793 | -117.12288 | 5.99027778 | 32.66809 | -117.120347 |
| 5.6574769 | 32.670317 | -117.120880 | 5.82553241 | 32.66793 | -117.122867 | 5.99045139 | 32.6681 | -117.120347 |
| 5.6576505 | 32.670313 | -117.120893 | 5.82570602 | 32.66792 | -117.122867 | 5.99063657 | 32.66812 | -117.120347 |
| 5.6578241 | 32.670313 | -117.120920 | 5.82586806 | 32.6679 | -117.122867 | 5.99081019 | 32.66812 | -117.120347 |
| 5.6579977 | 32.670310 | -117.120920 | 5.8284838 | 32.66779 | -117.122867 | 5.99097222 | 32.66812 | -117.120347 |
| 5.6581713 | 32.670303 | -117.120933 | 5.82868056 | 32.66779 | -117.122867 | 5.99114583 | 32.66813 | -117.120347 |
| 5.6583333 | 32.670297 | -117.120947 | 5.82883102 | 32.66779 | -117.122853 | 5.99131944 | 32.66812 | -117.120347 |
| 5.6585069 | 32.670287 | -117.120960 | 5.82900463 | 32.66778 | -117.122853 | 5.99149306 | 32.66813 | -117.120333 |
| 5.6586806 | 32.670287 | -117.120973 | 5.82917824 | 32.66777 | -117.122853 | 5.99166667 | 32.66813 | -117.120333 |
| 5.6588657 | 32.670283 | -117.121000 | 5.82940972 | 32.66776 | -117.122853 | 5.99185185 | 32.66813 | -117.120333 |
| 5.6609722 | 32.670277 | -117.121160 | 5.82952546 | 32.66776 | -117.122853 | 5.99207176 | 32.66813 | -117.120333 |
| 5.6611343 | 32.670277 | -117.121173 | 5.82969907 | 32.66775 | -117.122853 | 5.99229167 | 32.66813 | -117.120333 |
| 5.6612847 | 32.670273 | -117.121187 | 5.82987269 | 32.66775 | -117.122853 | 5.99237269 | 32.66813 | -117.120333 |
| 5.6614583 | 32.670273 | -117.121213 | 5.83003472 | 32.66774 | -117.122867 | 5.99256944 | 32.66813 | -117.120333 |
| 5.6616667 | 32.670273 | -117.121213 | 5.83020833 | 32.66774 | -117.122867 | 5.99271991 | 32.66814 | -117.120333 |
| 5.6618171 | 32.670273 | -117.121213 | 5.83042824 | 32.66773 | -117.122853 | 5.99288194 | 32.66814 | -117.120333 |
| 5.6619907 | 32.670267 | -117.121240 | 5.83055556 | 32.66773 | -117.122853 | 5.99305556 | 32.66814 | -117.120347 |
| 5.6621644 | 32.670263 | -117.121253 | 5.83074074 | 32.66773 | -117.122853 | 5.99322917 | 32.66814 | -117.12036 |
| 5.6623495 | 32.670267 | -117.121267 | 5.83091435 | 32.66773 | -117.122853 | 5.99497685 | 32.66819 | -117.12036 |
| 5.6625000 | 32.670267 | -117.121267 | 5.83114583 | 32.66772 | -117.122853 | 5.99513889 | 32.66817 | -117.1204 |
| 5.6626736 | 32.670267 | -117.121267 | 5.83125 | 32.66772 | -117.12284 | 5.99532407 | 32.66817 | -117.1204 |
| 5.6628472 | 32.670267 | -117.121267 | 5.83144676 | 32.6677 | -117.122813 | 5.99549769 | 32.66817 | -117.1204 |
| 5.6630208 | 32.670267 | -117.121267 | 5.83159722 | 32.6677 | -117.122813 | 5.9956713 | 32.66817 | -117.1204 |
| 5.6631944 | 32.670267 | -117.121267 | 5.83392361 | 32.66765 | -117.122733 | 5.99583333 | 32.66817 | -117.1204 |
| 5.6633796 | 32.670263 | -117.121267 | 5.83402778 | 32.66765 | -117.122733 | 5.99601852 | 32.66816 | -117.1204 |
| 5.6635880 | 32.670263 | -117.121267 | 5.83420139 | 32.66764 | -117.122733 | 5.99619213 | 32.66816 | -117.1204 |
| 5.6637153 | 32.670263 | -117.121267 | 5.834375 | 32.66764 | -117.12272 | 5.99636574 | 32.66816 | -117.1204 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6638889 | 32.670263 | -117.121267 | 5.83456019 | 32.66763 | -117.122707 | 5.99652778 | 32.66815 | -117.1204 |
| 5.6641088 | 32.670263 | -117.121267 | 5.8347338 | 32.66761 | -117.122707 | 5.99670139 | 32.66815 | -117.120413 |
| 5.6645949 | 32.670267 | -117.121267 | 5.83490741 | 32.66761 | -117.122693 | 5.99688657 | 32.66816 | -117.120413 |
| 5.6647569 | 32.670263 | -117.121293 | 5.83508102 | 32.6676 | -117.122667 | 5.99706019 | 32.66816 | -117.120413 |
| 5.6649306 | 32.670263 | -117.121293 | 5.83524306 | 32.66759 | -117.122667 | 5.99722222 | 32.66816 | -117.120413 |
| 5.6651389 | 32.670267 | -117.121293 | 5.83541667 | 32.66759 | -117.122693 | 5.99739583 | 32.66816 | -117.120413 |
| 5.6652894 | 32.670267 | -117.121293 | 5.83563657 | 32.66758 | -117.122667 | 5.99756944 | 32.66815 | -117.120413 |
| 5.6655556 | 32.670267 | -117.121293 | 5.83576389 | 32.66758 | -117.122667 | 5.99774306 | 32.66815 | -117.120427 |
| 5.6656597 | 32.670267 | -117.121307 | 5.83594907 | 32.66757 | -117.122667 | 5.99792824 | 32.66815 | -117.120427 |
| 5.6657986 | 32.670267 | -117.121307 | 5.83612269 | 32.66757 | -117.122653 | 5.99810185 | 32.66816 | -117.12044 |
| 5.6659722 | 32.670263 | -117.121307 | 5.8362963 | 32.66756 | -117.122653 | 5.99827546 | 32.66816 | -117.12044 |
| 5.6661458 | 32.670263 | -117.121307 | 5.83646991 | 32.66755 | -117.122653 | 6.00092593 | 32.66818 | -117.120493 |
| 5.6663194 | 32.670263 | -117.121320 | 5.83663194 | 32.66754 | -117.122653 | 6.00105324 | 32.66818 | -117.120493 |
| 5.6664931 | 32.670263 | -117.121320 | 5.83680556 | 32.66754 | -117.12264 | 6.00122685 | 32.66819 | -117.12048 |
| 5.6666782 | 32.670263 | -117.121320 | 5.83697917 | 32.66752 | -117.122653 | 6.00140046 | 32.66819 | -117.120493 |
| 5.6668519 | 32.670267 | -117.121320 | 5.83923611 | 32.66743 | -117.12252 | 6.00157407 | 32.6682 | -117.120493 |
| 5.6670255 | 32.670267 | -117.121333 | 5.8394213 | 32.66742 | -117.12252 | 6.00174769 | 32.66821 | -117.12052 |
| 5.6671991 | 32.670267 | -117.121333 | 5.83959491 | 32.66743 | -117.12252 | 6.00190972 | 32.66821 | -117.120547 |
| 5.6673611 | 32.670263 | -117.121373 | 5.83976852 | 32.66742 | -117.12252 | 6.00208333 | 32.66822 | -117.120547 |
| 5.6675347 | 32.670263 | -117.121373 | 5.83994213 | 32.66742 | -117.122507 | 6.00232639 | 32.6682 | -117.120547 |
| 5.6677083 | 32.670263 | -117.121387 | 5.84020833 | 32.66742 | -117.122493 | 6.00243056 | 32.6682 | -117.120547 |
| 5.6678819 | 32.670263 | -117.121387 | 5.84028935 | 32.66742 | -117.12248 | 6.00261574 | 32.66821 | -117.120547 |
| 5.6684144 | 32.670260 | -117.121413 | 5.84052083 | 32.6674 | -117.12248 | 6.00278935 | 32.6682 | -117.120547 |
| 5.6685880 | 32.670260 | -117.121413 | 5.840625 | 32.6674 | -117.12248 | 6.00295139 | 32.6682 | -117.120547 |
| 5.6687616 | 32.670260 | -117.121413 | 5.84081019 | 32.66739 | -117.122467 | 6.003125 | 32.66819 | -117.12056 |
| 5.6689352 | 32.670257 | -117.121413 | 5.8409838 | 32.66738 | -117.122467 | 6.00329861 | 32.66819 | -117.12056 |
| 5.6690972 | 32.670257 | -117.121413 | 5.84115741 | 32.66737 | -117.122467 | 6.00351852 | 32.66819 | -117.12056 |
| 5.6692708 | 32.670257 | -117.121413 | 5.84131944 | 32.66737 | -117.122467 | 6.00368056 | 32.66817 | -117.120573 |
| 5.6694444 | 32.670257 | -117.121413 | 5.84149306 | 32.66737 | -117.122467 | 6.00383102 | 32.66817 | -117.120573 |
| 5.6696181 | 32.670257 | -117.121413 | 5.84166667 | 32.66736 | -117.122427 | 6.00400463 | 32.66815 | -117.12056 |
| 5.6698032 | 32.670257 | -117.121453 | 5.841875 | 32.66736 | -117.122427 | 6.00469907 | 32.66814 | -117.120573 |
| 5.6699769 | 32.670250 | -117.121453 | 5.84202546 | 32.66735 | -117.122413 | 6.00487269 | 32.66814 | -117.120573 |
| 5.6701505 | 32.670240 | -117.121507 | 5.8421875 | 32.66736 | -117.122413 | 6.0050463 | 32.66814 | -117.120573 |
| 5.6703241 | 32.670240 | -117.121507 | 5.84236111 | 32.66735 | -117.122413 | 6.00521991 | 32.66814 | -117.120587 |
| 5.6704977 | 32.670237 | -117.121533 | 5.84289352 | 32.66733 | -117.122373 | 6.00539352 | 32.66813 | -117.120587 |
| 5.6706713 | 32.670237 | -117.121533 | 5.84306713 | 32.66732 | -117.122373 | 6.00556713 | 32.66813 | -117.1206 |
| 5.6708449 | 32.670237 | -117.121547 | 5.84324074 | 32.66732 | -117.122373 | 6.00572917 | 32.66813 | -117.1206 |
| 5.6710185 | 32.670237 | -117.121547 | 5.84340278 | 32.66732 | -117.122373 | 6.00590278 | 32.66813 | -117.1206 |
| 5.6711806 | 32.670237 | -117.121560 | 5.84357639 | 32.66731 | -117.12236 | 6.00608796 | 32.66812 | -117.1206 |
| 5.6713542 | 32.670237 | -117.121560 | 5.84375 | 32.66729 | -117.12236 | 6.00626157 | 32.66813 | -117.1206 |
| 5.6715278 | 32.670237 | -117.121560 | 5.84392361 | 32.66728 | -117.12236 | 6.00644676 | 32.66813 | -117.1206 |
| 5.6717014 | 32.670237 | -117.121560 | 5.84409722 | 32.66726 | -117.122347 | 6.00659722 | 32.66813 | -117.120627 |
| 5.6741435 | 32.670230 | -117.121600 | 5.84428241 | 32.66726 | -117.122347 | 6.0068287 | 32.66813 | -117.120627 |
| 5.6743056 | 32.670230 | -117.121600 | 5.84445602 | 32.66727 | -117.122333 | 6.00695602 | 32.66813 | -117.1206 |
| 5.6744792 | 32.670230 | -117.121600 | 5.8446412 | 32.66726 | -117.122333 | 6.00712963 | 32.66813 | -117.120627 |
| 5.6746528 | 32.670230 | -117.121600 | 5.84479167 | 32.66725 | -117.122333 | 6.00729167 | 32.66813 | -117.12064 |
| 5.6748264 | 32.670237 | -117.121627 | 5.84496528 | 32.66725 | -117.12232 | 6.00746528 | 32.66814 | -117.12064 |
| 5.6750000 | 32.670237 | -117.121627 | 5.84515046 | 32.66725 | -117.12232 | 6.00763889 | 32.66814 | -117.120653 |
| 5.6751852 | 32.670237 | -117.121627 | 5.84532407 | 32.66725 | -117.12232 | 6.00782407 | 32.66814 | -117.120667 |
| 5.6753588 | 32.670237 | -117.121653 | 5.84549769 | 32.66724 | -117.122293 | 6.00851852 | 32.66814 | -117.120693 |
| 5.6755324 | 32.670237 | -117.121653 | 5.8456713 | 32.66724 | -117.12232 | 6.00869213 | 32.66814 | -117.120693 |
| 5.6757060 | 32.670243 | -117.121667 | 5.84585648 | 32.66724 | -117.122293 | 6.00886574 | 32.66814 | -117.120693 |
| 5.6758796 | 32.670247 | -117.121667 | 5.84600694 | 32.66724 | -117.122293 | 6.00903935 | 32.66813 | -117.120693 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6760532 | 32.670247 | -117.121667 | 5.84618056 | 32.66724 | -117.12228 | 6.00920139 | 32.66812 | -117.120693 |
| 5.6762153 | 32.670250 | -117.121680 | 5.84670139 | 32.66723 | -117.122267 | 6.009375 | 32.66812 | -117.12072 |
| 5.6763889 | 32.670250 | -117.121680 | 5.846875 | 32.66723 | -117.122253 | 6.00954861 | 32.66813 | -117.12072 |
| 5.6765625 | 32.670250 | -117.121680 | 5.84709491 | 32.66724 | -117.122253 | 6.00972222 | 32.66813 | -117.12072 |
| 5.6767361 | 32.670250 | -117.121680 | 5.84722222 | 32.66724 | -117.122227 | 6.00989583 | 32.66813 | -117.120733 |
| 5.6769097 | 32.670250 | -117.121680 | 5.84740741 | 32.66724 | -117.122227 | 6.01006944 | 32.66813 | -117.120747 |
| 5.6770833 | 32.670250 | -117.121680 | 5.84758102 | 32.66724 | -117.122213 | 6.01024306 | 32.66812 | -117.120747 |
| 5.6772569 | 32.670250 | -117.121693 | 5.84775463 | 32.66724 | -117.122213 | 6.01041667 | 32.66813 | -117.120733 |
| 5.6793634 | 32.670287 | -117.121747 | 5.84792824 | 32.66724 | -117.1222 | 6.01059028 | 32.66812 | -117.120733 |
| 5.6795139 | 32.670287 | -117.121747 | 5.84810185 | 32.66724 | -117.1222 | 6.01076389 | 32.66812 | -117.120747 |
| 5.6796991 | 32.670303 | -117.121760 | 5.84831019 | 32.66724 | -117.122187 | 6.0109375 | 32.66812 | -117.120747 |
| 5.6798727 | 32.670323 | -117.121800 | 5.8484375 | 32.66724 | -117.122187 | 6.01112269 | 32.66812 | -117.120787 |
| 5.6800347 | 32.670333 | -117.121800 | 5.84861111 | 32.66723 | -117.122187 | 6.0112963 | 32.66814 | -117.120813 |
| 5.6802083 | 32.670340 | -117.121800 | 5.84878472 | 32.66723 | -117.122187 | 6.01146991 | 32.66815 | -117.12084 |
| 5.6803935 | 32.670350 | -117.121800 | 5.84896991 | 32.66723 | -117.122173 | 6.01164352 | 32.66815 | -117.12084 |
| 5.6805671 | 32.670360 | -117.121813 | 5.84914352 | 32.66723 | -117.122173 | 6.01180556 | 32.66814 | -117.120813 |
| 5.6807755 | 32.670383 | -117.121813 | 5.84931713 | 32.66724 | -117.122147 | 6.01267361 | 32.66815 | -117.12084 |
| 5.6809028 | 32.670383 | -117.121800 | 5.84947917 | 32.66724 | -117.122147 | 6.01284722 | 32.66815 | -117.120853 |
| 5.6810880 | 32.670397 | -117.121800 | 5.84965278 | 32.66724 | -117.122133 | 6.01302083 | 32.66816 | -117.12084 |
| 5.6812731 | 32.670407 | -117.121800 | 5.84982639 | 32.66724 | -117.12212 | 6.01319444 | 32.66817 | -117.120867 |
| 5.6814236 | 32.670413 | -117.121800 | 5.85 | 32.66724 | -117.12212 | 6.01337963 | 32.66815 | -117.120867 |
| 5.6815972 | 32.670417 | -117.121800 | 5.85053241 | 32.66724 | -117.12208 | 6.01355324 | 32.66816 | -117.120867 |
| 5.6817824 | 32.670417 | -117.121800 | 5.85070602 | 32.66724 | -117.12208 | 6.01371528 | 32.66816 | -117.120867 |
| 5.6819560 | 32.670417 | -117.121800 | 5.85087963 | 32.66724 | -117.12208 | 6.01388889 | 32.66816 | -117.120853 |
| 5.6821296 | 32.670423 | -117.121800 | 5.85104167 | 32.66724 | -117.12208 | 6.01415509 | 32.66816 | -117.120853 |
| 5.6822917 | 32.670423 | -117.121800 | 5.85121528 | 32.66723 | -117.12208 | 6.01423611 | 32.66816 | -117.120853 |
| 5.6824653 | 32.670423 | -117.121800 | 5.85138889 | 32.66723 | -117.12208 | 6.0144213 | 32.66815 | -117.120867 |
| 5.6831944 | 32.670440 | -117.121800 | 5.8515625 | 32.66723 | -117.122067 | 6.01459491 | 32.66817 | -117.120867 |
| 5.6833449 | 32.670443 | -117.121800 | 5.85174769 | 32.66722 | -117.122067 | 6.01476852 | 32.66816 | -117.120867 |
| 5.6835185 | 32.670450 | -117.121760 | 5.8519213 | 32.66723 | -117.122067 | 6.01494213 | 32.66819 | -117.120867 |
| 5.6836921 | 32.670453 | -117.121747 | 5.85208333 | 32.66722 | -117.122053 | 6.01511574 | 32.6682 | -117.12088 |
| 5.6839583 | 32.670490 | -117.121747 | 5.85225694 | 32.66722 | -117.122053 | 6.01528935 | 32.66817 | -117.12088 |
| 5.6840625 | 32.670500 | -117.121733 | 5.85243056 | 32.66722 | -117.122053 | 6.01545139 | 32.66817 | -117.120893 |
| 5.6842014 | 32.670517 | -117.121733 | 5.85260417 | 32.66722 | -117.122053 | 6.015625 | 32.66817 | -117.12092 |
| 5.6843750 | 32.670527 | -117.121707 | 5.85277778 | 32.66723 | -117.122053 | 6.01581019 | 32.66817 | -117.12092 |
| 5.6845486 | 32.670533 | -117.121707 | 5.85296296 | 32.66722 | -117.122053 | 6.0159838 | 32.66816 | -117.12092 |
| 5.6847222 | 32.670543 | -117.121707 | 5.85313657 | 32.66722 | -117.122053 | 6.0171875 | 32.66816 | -117.120933 |
| 5.6848958 | 32.670543 | -117.121707 | 5.85331019 | 32.66722 | -117.12204 | 6.01736111 | 32.66815 | -117.120933 |
| 5.6850810 | 32.670550 | -117.121707 | 5.8534838 | 32.66721 | -117.12204 | 6.0175463 | 32.66815 | -117.120947 |
| 5.6852546 | 32.670557 | -117.121733 | 5.85365741 | 32.66721 | -117.122027 | 6.01771991 | 32.66815 | -117.120947 |
| 5.6854282 | 32.670563 | -117.121707 | 5.85384259 | 32.6672 | -117.122027 | 6.01789352 | 32.66814 | -117.12096 |
| 5.6856019 | 32.670570 | -117.121707 | 5.85487269 | 32.6672 | -117.122 | 6.01806713 | 32.66813 | -117.120947 |
| 5.6858681 | 32.670580 | -117.121707 | 5.8550463 | 32.6672 | -117.122 | 6.01824074 | 32.66813 | -117.120947 |
| 5.6859491 | 32.670587 | -117.121693 | 5.85525463 | 32.6672 | -117.122 | 6.01850694 | 32.66814 | -117.12096 |
| 5.6861343 | 32.670587 | -117.121693 | 5.85538194 | 32.6672 | -117.122 | 6.01861111 | 32.66814 | -117.12096 |
| 5.6862847 | 32.670590 | -117.121680 | 5.85556713 | 32.66719 | -117.122 | 6.01885417 | 32.66815 | -117.12096 |
| 5.6864583 | 32.670597 | -117.121667 | 5.85574074 | 32.66719 | -117.122 | 6.01893519 | 32.66815 | -117.120973 |
| 5.6871644 | 32.670623 | -117.121653 | 5.85591435 | 32.66719 | -117.122 | 6.0191088 | 32.66816 | -117.121 |
| 5.6873264 | 32.670630 | -117.121653 | 5.85607639 | 32.66719 | -117.122 | 6.01928241 | 32.66816 | -117.121 |
| 5.6875000 | 32.670637 | -117.121653 | 5.85625 | 32.66719 | -117.122 | 6.01945602 | 32.66817 | -117.121 |
| 5.6877199 | 32.670663 | -117.121613 | 5.85642361 | 32.66719 | -117.122 | 6.01962963 | 32.66818 | -117.121 |
| 5.6878472 | 32.670660 | -117.121613 | 5.85662037 | 32.66719 | -117.122 | 6.01987269 | 32.66818 | -117.121013 |
| 5.6880671 | 32.670663 | -117.121600 | 5.85677083 | 32.66719 | -117.122 | 6.01997685 | 32.66817 | -117.121013 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6881944 | 32.670667 | -117.121600 | 5.85694444 | 32.66719 | -117.122 | 6.02015046 | 32.66817 | -117.121 |
| 5.6883681 | 32.670673 | -117.121587 | 5.85711806 | 32.66719 | -117.122 | 6.02032407 | 32.66816 | -117.121 |
| 5.6885417 | 32.670667 | -117.121560 | 5.85730324 | 32.66719 | -117.122 | 6.02049769 | 32.66815 | -117.121 |
| 5.6887153 | 32.670670 | -117.121560 | 5.85747685 | 32.66719 | -117.121987 | 6.02119213 | 32.66816 | -117.121067 |
| 5.6888889 | 32.670670 | -117.121547 | 5.85770833 | 32.66719 | -117.121987 | 6.02136574 | 32.66816 | -117.12108 |
| 5.6891088 | 32.670670 | -117.121547 | 5.8578125 | 32.66719 | -117.121987 | 6.02153935 | 32.66817 | -117.12108 |
| 5.6892361 | 32.670693 | -117.121547 | 5.85798611 | 32.66719 | -117.12196 | 6.02171296 | 32.66815 | -117.121093 |
| 5.6894213 | 32.670693 | -117.121547 | 5.85815972 | 32.66719 | -117.121947 | 6.02188657 | 32.66814 | -117.12112 |
| 5.6895949 | 32.670703 | -117.121547 | 5.85902778 | 32.6672 | -117.12192 | 6.02206019 | 32.66814 | -117.12112 |
| 5.6897685 | 32.670700 | -117.121533 | 5.85920139 | 32.6672 | -117.12192 | 6.0222338 | 32.66814 | -117.12112 |
| 5.6899421 | 32.670703 | -117.121533 | 5.859375 | 32.6672 | -117.12192 | 6.02240741 | 32.66814 | -117.12112 |
| 5.6901157 | 32.670717 | -117.121533 | 5.85954861 | 32.6672 | -117.121907 | 6.02258102 | 32.66813 | -117.12112 |
| 5.6903472 | 32.670720 | -117.121507 | 5.8597338 | 32.6672 | -117.12188 | 6.02275463 | 32.66813 | -117.12112 |
| 5.6904514 | 32.670717 | -117.121480 | 5.85990741 | 32.6672 | -117.12188 | 6.02292824 | 32.66813 | -117.121147 |
| 5.6930556 | 32.670707 | -117.121360 | 5.86008102 | 32.66719 | -117.121853 | 6.02310185 | 32.66813 | -117.12116 |
| 5.6932292 | 32.670717 | -117.121333 | 5.86025463 | 32.66719 | -117.121853 | 6.02327546 | 32.66812 | -117.12116 |
| 5.6934144 | 32.670720 | -117.121333 | 5.86042824 | 32.66719 | -117.121853 | 6.02344907 | 32.66813 | -117.121173 |
| 5.6935880 | 32.670727 | -117.121320 | 5.860625 | 32.66719 | -117.121853 | 6.02362269 | 32.66814 | -117.121187 |
| 5.6937616 | 32.670740 | -117.121307 | 5.86077546 | 32.66719 | -117.121853 | 6.0237963 | 32.66813 | -117.121187 |
| 5.6939352 | 32.670747 | -117.121267 | 5.86094907 | 32.66719 | -117.121853 | 6.02396991 | 32.66814 | -117.121213 |
| 5.6941088 | 32.670747 | -117.121267 | 5.86112269 | 32.66719 | -117.12184 | 6.02414352 | 32.66814 | -117.121213 |
| 5.6942824 | 32.670753 | -117.121267 | 5.8612963 | 32.66718 | -117.121827 | 6.02430556 | 32.66816 | -117.121227 |
| 5.6944444 | 32.670753 | -117.121253 | 5.86146991 | 32.66718 | -117.1218 | 6.02519676 | 32.66813 | -117.121227 |
| 5.6946181 | 32.670757 | -117.121253 | 5.86164352 | 32.66718 | -117.1218 | 6.02534722 | 32.66813 | -117.121253 |
| 5.6947917 | 32.670763 | -117.121227 | 5.86186343 | 32.66718 | -117.1218 | 6.02552083 | 32.66813 | -117.121253 |
| 5.6949653 | 32.670767 | -117.121213 | 5.86199074 | 32.66718 | -117.12176 | 6.02569444 | 32.66813 | -117.121253 |
| 5.6951389 | 32.670773 | -117.121213 | 5.86216435 | 32.66718 | -117.121747 | 6.02586806 | 32.66813 | -117.121267 |
| 5.6953125 | 32.670777 | -117.121213 | 5.86233796 | 32.66718 | -117.121747 | 6.02604167 | 32.66813 | -117.121267 |
| 5.6954861 | 32.670773 | -117.121213 | 5.86302083 | 32.66718 | -117.121733 | 6.02621528 | 32.66813 | -117.121267 |
| 5.6956597 | 32.670757 | -117.121213 | 5.86320602 | 32.66718 | -117.121707 | 6.02638889 | 32.66813 | -117.121267 |
| 5.6958449 | 32.670753 | -117.121187 | 5.86337963 | 32.66717 | -117.121707 | 6.02657407 | 32.66812 | -117.121293 |
| 5.6960185 | 32.670747 | -117.121160 | 5.86354167 | 32.66717 | -117.121707 | 6.02674769 | 32.66813 | -117.121307 |
| 5.6961921 | 32.670743 | -117.121147 | 5.86371528 | 32.66717 | -117.121707 | 6.0269213 | 32.66813 | -117.121307 |
| 5.6963657 | 32.670740 | -117.121147 | 5.86388889 | 32.66717 | -117.121707 | 6.02709491 | 32.66813 | -117.12132 |
| 5.6974074 | 32.670737 | -117.121080 | 5.8640625 | 32.66717 | -117.121707 | 6.02725694 | 32.66813 | -117.121333 |
| 5.6975810 | 32.670730 | -117.121067 | 5.86423611 | 32.66717 | -117.121707 | 6.02743056 | 32.66814 | -117.121333 |
| 5.6977546 | 32.670730 | -117.121040 | 5.8644213 | 32.66717 | -117.121693 | 6.02760417 | 32.66814 | -117.121333 |
| 5.6979282 | 32.670730 | -117.121027 | 5.86466435 | 32.66717 | -117.12168 | 6.02777778 | 32.66814 | -117.121333 |
| 5.6981019 | 32.670723 | -117.121013 | 5.86476852 | 32.66717 | -117.121667 | 6.02795139 | 32.66814 | -117.12136 |
| 5.6982755 | 32.670720 | -117.121000 | 5.86493056 | 32.66717 | -117.121667 | 6.028125 | 32.66815 | -117.12136 |
| 5.6984491 | 32.670723 | -117.120973 | 5.86515046 | 32.66717 | -117.121653 | 6.02829861 | 32.66815 | -117.12136 |
| 5.6986227 | 32.670730 | -117.120973 | 5.86527778 | 32.66717 | -117.121653 | 6.02847222 | 32.66815 | -117.12136 |
| 5.6987847 | 32.670737 | -117.120973 | 5.86546296 | 32.66717 | -117.121653 | 6.02951389 | 32.66816 | -117.1214 |
| 5.6989583 | 32.670730 | -117.120973 | 5.86563657 | 32.66717 | -117.121653 | 6.02969907 | 32.66815 | -117.121413 |
| 5.6991319 | 32.670737 | -117.120960 | 5.86585648 | 32.66717 | -117.121627 | 6.02987269 | 32.66816 | -117.121413 |
| 5.6993056 | 32.670727 | -117.120947 | 5.8659838 | 32.66717 | -117.121613 | 6.0300463 | 32.66816 | -117.12144 |
| 5.6994792 | 32.670730 | -117.120933 | 5.86615741 | 32.66717 | -117.1216 | 6.03021991 | 32.66816 | -117.121453 |
| 5.6996528 | 32.670730 | -117.120893 | 5.86633102 | 32.66717 | -117.12156 | 6.03039352 | 32.66816 | -117.121453 |
| 5.6998264 | 32.670730 | -117.120880 | 5.86689815 | 32.66718 | -117.12152 | 6.03055556 | 32.66816 | -117.121453 |
| 5.7000000 | 32.670730 | -117.120880 | 5.86702546 | 32.66718 | -117.12152 | 6.03072917 | 32.66815 | -117.121453 |
| 5.7001736 | 32.670740 | -117.120880 | 5.8671875 | 32.66718 | -117.12148 | 6.03090278 | 32.66815 | -117.121453 |
| 5.7003472 | 32.670743 | -117.120867 | 5.86736111 | 32.66718 | -117.121467 | 6.03107639 | 32.66815 | -117.121467 |
| 5.7005208 | 32.670730 | -117.120853 | 5.86753472 | 32.66718 | -117.121453 | 6.03125 | 32.66814 | -117.12148 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7006944 | 32.670727 | -117.120840 | 5.86775463 | 32.66718 | -117.121413 | 6.03143519 | 32.66813 | -117.121507 |
| 5.7023611 | 32.670767 | -117.120693 | 5.86788194 | 32.66718 | -117.121413 | 6.0316088 | 32.66813 | -117.12152 |
| 5.7024421 | 32.670773 | -117.120667 | 5.86805556 | 32.66718 | -117.1214 | 6.03178241 | 32.66813 | -117.121507 |
| 5.7026157 | 32.670773 | -117.120653 | 5.86822917 | 32.66718 | -117.121387 | 6.03195602 | 32.66812 | -117.12152 |
| 5.7027894 | 32.670760 | -117.120653 | 5.86840278 | 32.66718 | -117.12136 | 6.03211806 | 32.66812 | -117.12152 |
| 5.7029514 | 32.670753 | -117.120627 | 5.86857639 | 32.66718 | -117.12136 | 6.03229167 | 32.66812 | -117.12152 |
| 5.7031250 | 32.670747 | -117.120600 | 5.86875 | 32.66718 | -117.121333 | 6.03247685 | 32.66812 | -117.121533 |
| 5.7032986 | 32.670737 | -117.120600 | 5.86892361 | 32.66718 | -117.121333 | 6.03265046 | 32.66812 | -117.121533 |
| 5.7034722 | 32.670727 | -117.120600 | 5.86909722 | 32.66718 | -117.12132 | 6.0328125 | 32.66812 | -117.121547 |
| 5.7036458 | 32.670717 | -117.120600 | 5.86930556 | 32.66718 | -117.121293 | 6.03541667 | 32.6682 | -117.121707 |
| 5.7038310 | 32.670707 | -117.120600 | 5.86945602 | 32.66718 | -117.121267 | 6.03559028 | 32.6682 | -117.121733 |
| 5.7040046 | 32.670693 | -117.120600 | 5.86961806 | 32.66719 | -117.121267 | 6.03576389 | 32.6682 | -117.121747 |
| 5.7041782 | 32.670673 | -117.120600 | 5.86979167 | 32.66719 | -117.121267 | 6.0359375 | 32.66821 | -117.121747 |
| 5.7043519 | 32.670660 | -117.120600 | 5.86996528 | 32.66719 | -117.121253 | 6.03611111 | 32.66823 | -117.121747 |
| 5.7045139 | 32.670643 | -117.120627 | 5.87015046 | 32.66719 | -117.121227 | 6.0362963 | 32.66824 | -117.121773 |
| 5.7046875 | 32.670637 | -117.120653 | 5.87119213 | 32.66719 | -117.12108 | 6.03646991 | 32.66822 | -117.1218 |
| 5.7048611 | 32.670637 | -117.120667 | 5.87136574 | 32.66719 | -117.121067 | 6.03664352 | 32.6682 | -117.1218 |
| 5.7050347 | 32.670637 | -117.120693 | 5.87152778 | 32.66719 | -117.121067 | 6.03681713 | 32.6682 | -117.1218 |
| 5.7052083 | 32.670637 | -117.120693 | 5.87170139 | 32.66719 | -117.12104 | 6.03699074 | 32.66819 | -117.1218 |
| 5.7053819 | 32.670637 | -117.120693 | 5.871875 | 32.6672 | -117.121013 | 6.03716435 | 32.66818 | -117.1218 |
| 5.7055556 | 32.670637 | -117.120720 | 5.87206019 | 32.6672 | -117.121 | 6.03733796 | 32.66819 | -117.121813 |
| 5.7074769 | 32.670673 | -117.120920 | 5.8722338 | 32.6672 | -117.120973 | 6.03751157 | 32.66818 | -117.121827 |
| 5.7077431 | 32.670700 | -117.120920 | 5.87240741 | 32.6672 | -117.120973 | 6.03768519 | 32.66817 | -117.12184 |
| 5.7078241 | 32.670707 | -117.120920 | 5.87263889 | 32.66719 | -117.120933 | 6.0378588 | 32.66817 | -117.121853 |
| 5.7079977 | 32.670717 | -117.120920 | 5.87274306 | 32.66719 | -117.120933 | 6.03803241 | 32.66817 | -117.121853 |
| 5.7081713 | 32.670720 | -117.120933 | 5.87291667 | 32.66719 | -117.12092 | 6.03820602 | 32.66817 | -117.121853 |
| 5.7083449 | 32.670723 | -117.120947 | 5.87309028 | 32.66719 | -117.12088 | 6.03836806 | 32.66818 | -117.12188 |
| 5.7085764 | 32.670723 | -117.120933 | 5.87326389 | 32.66719 | -117.120867 | 6.03854167 | 32.66817 | -117.12188 |
| 5.7086806 | 32.670720 | -117.120933 | 5.87344907 | 32.66719 | -117.120853 | 6.03871528 | 32.66817 | -117.121893 |
| 5.7088542 | 32.670727 | -117.120933 | 5.87362269 | 32.66719 | -117.12084 | 6.03994213 | 32.66819 | -117.121973 |
| 5.7090278 | 32.670720 | -117.120933 | 5.8737963 | 32.66719 | -117.1208 | 6.04011574 | 32.66819 | -117.121973 |
| 5.7092593 | 32.670720 | -117.120920 | 5.87396991 | 32.66719 | -117.120787 | 6.04028935 | 32.66819 | -117.121987 |
| 5.7093866 | 32.670720 | -117.120920 | 5.87414352 | 32.6672 | -117.120747 | 6.04046296 | 32.6682 | -117.122 |
| 5.7095602 | 32.670723 | -117.120920 | 5.87435185 | 32.6672 | -117.120747 | 6.04063657 | 32.6682 | -117.122 |
| 5.7097222 | 32.670720 | -117.120893 | 5.87447917 | 32.66721 | -117.120733 | 6.04081019 | 32.66821 | -117.122 |
| 5.7098958 | 32.670730 | -117.120880 | 5.87534722 | 32.66722 | -117.12064 | 6.0409838 | 32.6682 | -117.122 |
| 5.7100694 | 32.670730 | -117.120867 | 5.87552083 | 32.66723 | -117.1206 | 6.04115741 | 32.6682 | -117.122 |
| 5.7102546 | 32.670730 | -117.120853 | 5.87569444 | 32.66723 | -117.1206 | 6.04133102 | 32.66821 | -117.122027 |
| 5.7104282 | 32.670727 | -117.120853 | 5.87586806 | 32.66723 | -117.120587 | 6.04150463 | 32.66821 | -117.122027 |
| 5.7105903 | 32.670717 | -117.120840 | 5.87605324 | 32.66723 | -117.12056 | 6.04166667 | 32.66821 | -117.122053 |
| 5.7107639 | 32.670710 | -117.120840 | 5.87622685 | 32.66723 | -117.120547 | 6.04184028 | 32.66821 | -117.122053 |
| 5.7118056 | 32.670663 | -117.120840 | 5.87640046 | 32.66724 | -117.120547 | 6.04201389 | 32.6682 | -117.122067 |
| 5.7119792 | 32.670660 | -117.120840 | 5.87657407 | 32.66724 | -117.12052 | 6.0421875 | 32.6682 | -117.122067 |
| 5.7121528 | 32.670637 | -117.120853 | 5.87674769 | 32.66724 | -117.120507 | 6.04237269 | 32.66819 | -117.12208 |
| 5.7123264 | 32.670617 | -117.120867 | 5.8769213 | 32.66724 | -117.120493 | 6.0425463 | 32.66819 | -117.12208 |
| 5.7126273 | 32.670597 | -117.120880 | 5.87709491 | 32.66724 | -117.120453 | 6.04271991 | 32.66818 | -117.12208 |
| 5.7128472 | 32.670580 | -117.120880 | 5.87725694 | 32.66724 | -117.120453 | 6.04289352 | 32.66819 | -117.12208 |
| 5.7130208 | 32.670570 | -117.120893 | 5.87743056 | 32.66724 | -117.120427 | 6.04306713 | 32.66819 | -117.12208 |
| 5.7131944 | 32.670560 | -117.120920 | 5.87760417 | 32.66724 | -117.120413 | 6.04324074 | 32.66819 | -117.12208 |
| 5.7133681 | 32.670557 | -117.120920 | 5.87777778 | 32.66724 | -117.1204 | 6.04513889 | 32.66818 | -117.122253 |
| 5.7135532 | 32.670550 | -117.120920 | 5.87796296 | 32.66724 | -117.120373 | 6.0453125 | 32.66818 | -117.122267 |
| 5.7137269 | 32.670543 | -117.120933 | 5.87813657 | 32.66725 | -117.120347 | 6.04548611 | 32.66819 | -117.122267 |
| 5.7139005 | 32.670540 | -117.120933 | 5.87831019 | 32.66725 | -117.120333 | 6.04565972 | 32.66819 | -117.12228 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7140625 | 32.670527 | -117.120947 | 5.8784838 | 32.66725 | -117.120307 | 6.04583333 | 32.66819 | -117.12228 |
| 5.7142361 | 32.670517 | -117.120960 | 5.87865741 | 32.66725 | -117.120293 | 6.04600694 | 32.66819 | -117.12228 |
| 5.7144213 | 32.670500 | -117.120973 | 5.87916667 | 32.66726 | -117.120253 | 6.04618056 | 32.66819 | -117.12228 |
| 5.7145949 | 32.670500 | -117.120973 | 5.87935185 | 32.66726 | -117.120213 | 6.04635417 | 32.66819 | -117.12228 |
| 5.7147685 | 32.670490 | -117.121000 | 5.87952546 | 32.66726 | -117.120187 | 6.04652778 | 32.66819 | -117.12228 |
| 5.7149306 | 32.670483 | -117.121000 | 5.87969907 | 32.66726 | -117.12016 | 6.04670139 | 32.66819 | -117.122293 |
| 5.7151042 | 32.670470 | -117.121013 | 5.87986111 | 32.66727 | -117.120147 | 6.046875 | 32.66819 | -117.12232 |
| 5.7152894 | 32.670463 | -117.121027 | 5.88003472 | 32.66727 | -117.120133 | 6.04704861 | 32.66819 | -117.122333 |
| 5.7161574 | 32.670427 | -117.121120 | 5.88020833 | 32.66728 | -117.12012 | 6.04722222 | 32.66818 | -117.122347 |
| 5.7163194 | 32.670423 | -117.121120 | 5.88041667 | 32.66728 | -117.12008 | 6.04739583 | 32.66818 | -117.12236 |
| 5.7165394 | 32.670417 | -117.121147 | 5.88056713 | 32.66728 | -117.120067 | 6.04756944 | 32.66817 | -117.12236 |
| 5.7166667 | 32.670410 | -117.121173 | 5.88074074 | 32.66728 | -117.120053 | 6.04774306 | 32.66817 | -117.12236 |
| 5.7168403 | 32.670397 | -117.121187 | 5.88091435 | 32.66728 | -117.120013 | 6.04791667 | 32.66818 | -117.122373 |
| 5.7170139 | 32.670390 | -117.121213 | 5.88108796 | 32.66729 | -117.12 | 6.04809028 | 32.66819 | -117.1224 |
| 5.7171991 | 32.670403 | -117.121213 | 5.88125 | 32.66729 | -117.11996 | 6.04826389 | 32.66819 | -117.122413 |
| 5.7173727 | 32.670403 | -117.121213 | 5.88142361 | 32.66729 | -117.119933 | 6.0484375 | 32.66818 | -117.122413 |
| 5.7175463 | 32.670403 | -117.121227 | 5.88159722 | 32.6673 | -117.11992 | 6.05017361 | 32.66819 | -117.122547 |
| 5.7177083 | 32.670403 | -117.121253 | 5.88181713 | 32.6673 | -117.119867 | 6.05034722 | 32.66819 | -117.12256 |
| 5.7179282 | 32.670407 | -117.121267 | 5.88195602 | 32.6673 | -117.119853 | 6.05053241 | 32.66819 | -117.122573 |
| 5.7180556 | 32.670407 | -117.121267 | 5.88212963 | 32.6673 | -117.119827 | 6.05070602 | 32.6682 | -117.122587 |
| 5.7182523 | 32.670407 | -117.121320 | 5.88230324 | 32.6673 | -117.119813 | 6.05087963 | 32.6682 | -117.122587 |
| 5.7184491 | 32.670403 | -117.121333 | 5.88247685 | 32.6673 | -117.119787 | 6.05105324 | 32.66821 | -117.122613 |
| 5.7185764 | 32.670407 | -117.121360 | 5.88457176 | 32.66729 | -117.119533 | 6.05122685 | 32.66822 | -117.122627 |
| 5.7187616 | 32.670410 | -117.121360 | 5.88472222 | 32.66729 | -117.11952 | 6.05140046 | 32.66822 | -117.122627 |
| 5.7189352 | 32.670410 | -117.121387 | 5.88494213 | 32.66729 | -117.119493 | 6.05157407 | 32.66823 | -117.122627 |
| 5.7191088 | 32.670390 | -117.121400 | 5.88506944 | 32.66729 | -117.119493 | 6.05174769 | 32.66823 | -117.122627 |
| 5.7192824 | 32.670383 | -117.121413 | 5.88524306 | 32.66729 | -117.11948 | 6.0519213 | 32.66823 | -117.122653 |
| 5.7194444 | 32.670383 | -117.121440 | 5.88542824 | 32.66729 | -117.119467 | 6.05209491 | 32.66823 | -117.122667 |
| 5.7220602 | 32.670397 | -117.121800 | 5.88560185 | 32.66729 | -117.119453 | 6.05226852 | 32.66823 | -117.122667 |
| 5.7223264 | 32.670413 | -117.121813 | 5.88576389 | 32.66728 | -117.11944 | 6.05244213 | 32.66823 | -117.122667 |
| 5.7224074 | 32.670410 | -117.121813 | 5.8859375 | 32.66727 | -117.119413 | 6.05261574 | 32.66822 | -117.122707 |
| 5.7225810 | 32.670407 | -117.121853 | 5.88614583 | 32.66726 | -117.119413 | 6.05277778 | 32.66822 | -117.12272 |
| 5.7227546 | 32.670407 | -117.121853 | 5.8862963 | 32.66726 | -117.1194 | 6.05295139 | 32.66821 | -117.122733 |
| 5.7229282 | 32.670403 | -117.121880 | 5.88646991 | 32.66726 | -117.1194 | 6.053125 | 32.66822 | -117.12276 |
| 5.7230903 | 32.670403 | -117.121907 | 5.88663194 | 32.66726 | -117.1194 | 6.05329861 | 32.6682 | -117.12276 |
| 5.7232639 | 32.670407 | -117.121920 | 5.88680556 | 32.66726 | -117.1194 | 6.05347222 | 32.6682 | -117.12276 |
| 5.7234375 | 32.670407 | -117.121947 | 5.88701389 | 32.66726 | -117.1194 | 6.0550463 | 32.66819 | -117.122867 |
| 5.7236111 | 32.670410 | -117.121947 | 5.88716435 | 32.66726 | -117.1194 | 6.05521991 | 32.6682 | -117.122867 |
| 5.7237847 | 32.670417 | -117.121973 | 5.88733796 | 32.66726 | -117.119413 | 6.05539352 | 32.66819 | -117.12288 |
| 5.7239583 | 32.670417 | -117.121987 | 5.88751157 | 32.66726 | -117.119413 | 6.05556713 | 32.66819 | -117.12288 |
| 5.7241319 | 32.670417 | -117.122000 | 5.88767361 | 32.66726 | -117.119413 | 6.05574074 | 32.66819 | -117.122907 |
| 5.7243056 | 32.670417 | -117.122000 | 5.8878588 | 32.66726 | -117.119413 | 6.05591435 | 32.66818 | -117.12292 |
| 5.7244792 | 32.670410 | -117.122053 | 5.88854167 | 32.66728 | -117.11944 | 6.05608796 | 32.66818 | -117.122933 |
| 5.7246528 | 32.670413 | -117.122067 | 5.88871528 | 32.66727 | -117.11944 | 6.05626157 | 32.66818 | -117.122933 |
| 5.7248727 | 32.670423 | -117.122080 | 5.88894676 | 32.66727 | -117.11944 | 6.05643519 | 32.66819 | -117.122933 |
| 5.7250000 | 32.670430 | -117.122120 | 5.88907407 | 32.66727 | -117.119413 | 6.0566088 | 32.6682 | -117.122947 |
| 5.7251852 | 32.670427 | -117.122133 | 5.88924769 | 32.66726 | -117.1194 | 6.05678241 | 32.6682 | -117.12296 |
| 5.7253588 | 32.670427 | -117.122147 | 5.8894213 | 32.66727 | -117.119413 | 6.05695602 | 32.6682 | -117.122987 |
| 5.7265625 | 32.670417 | -117.122293 | 5.88959491 | 32.66726 | -117.119413 | 6.05712963 | 32.66822 | -117.123013 |
| 5.7267361 | 32.670430 | -117.122293 | 5.88976852 | 32.66727 | -117.119413 | 6.05730324 | 32.66822 | -117.123053 |
| 5.7269097 | 32.670433 | -117.122320 | 5.88993056 | 32.66727 | -117.119413 | 6.05747685 | 32.66823 | -117.123067 |
| 5.7270833 | 32.670433 | -117.122333 | 5.89010417 | 32.66727 | -117.119413 | 6.05765046 | 32.66823 | -117.123067 |
| 5.7273495 | 32.670433 | -117.122360 | 5.89032407 | 32.66727 | -117.119413 | 6.05782407 | 32.66823 | -117.123067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7274306 | 32.670430 | -117.122373 | 5.89047454 | 32.66727 | -117.119413 | 6.05799769 | 32.66822 | -117.12308 |
| 5.7276042 | 32.670433 | -117.122400 | 5.89063657 | 32.66727 | -117.119413 | 6.0581713 | 32.66821 | -117.123107 |
| 5.7277778 | 32.670427 | -117.122413 | 5.89081019 | 32.66727 | -117.119413 | 6.05834491 | 32.66822 | -117.123107 |
| 5.7279514 | 32.670427 | -117.122427 | 5.8909838 | 32.66727 | -117.119413 | 6.05972222 | 32.66825 | -117.1232 |
| 5.7281366 | 32.670427 | -117.122467 | 5.89114583 | 32.66727 | -117.119413 | 6.05989583 | 32.66825 | -117.123213 |
| 5.7283102 | 32.670427 | -117.122467 | 5.89131944 | 32.66727 | -117.119413 | 6.06006944 | 32.66825 | -117.123213 |
| 5.7284838 | 32.670423 | -117.122493 | 5.89150463 | 32.66727 | -117.1194 | 6.06024306 | 32.66826 | -117.123213 |
| 5.7286574 | 32.670417 | -117.122520 | 5.89167824 | 32.66727 | -117.1194 | 6.06041667 | 32.66826 | -117.123227 |
| 5.7288889 | 32.670413 | -117.122560 | 5.89185185 | 32.66727 | -117.1194 | 6.06059028 | 32.66825 | -117.123227 |
| 5.7289931 | 32.670413 | -117.122573 | 5.89253472 | 32.66728 | -117.1194 | 6.06076389 | 32.66826 | -117.123253 |
| 5.7291667 | 32.670410 | -117.122587 | 5.89270833 | 32.66729 | -117.119413 | 6.0609375 | 32.66824 | -117.123253 |
| 5.7293519 | 32.670403 | -117.122613 | 5.89289352 | 32.6673 | -117.11944 | 6.06111111 | 32.66824 | -117.12328 |
| 5.7295255 | 32.670403 | -117.122627 | 5.89306713 | 32.66731 | -117.11944 | 6.06128472 | 32.66824 | -117.12328 |
| 5.7296991 | 32.670403 | -117.122653 | 5.89324074 | 32.66733 | -117.11944 | 6.06145833 | 32.66823 | -117.12328 |
| 5.7298727 | 32.670390 | -117.122667 | 5.89341435 | 32.66735 | -117.119413 | 6.06163194 | 32.66823 | -117.12328 |
| 5.7321181 | 32.670347 | -117.122933 | 5.89365741 | 32.66735 | -117.119413 | 6.06180556 | 32.66823 | -117.12328 |
| 5.7322917 | 32.670340 | -117.122947 | 5.89376157 | 32.66736 | -117.1194 | 6.06197917 | 32.66823 | -117.123293 |
| 5.7324653 | 32.670340 | -117.122960 | 5.89393519 | 32.66736 | -117.119413 | 6.06215278 | 32.66822 | -117.123293 |
| 5.7326852 | 32.670347 | -117.123013 | 5.8941088 | 32.66736 | -117.119413 | 6.06232639 | 32.66823 | -117.123307 |
| 5.7328125 | 32.670340 | -117.123027 | 5.89427083 | 32.66737 | -117.11944 | 6.06251157 | 32.66823 | -117.123333 |
| 5.7329977 | 32.670337 | -117.123053 | 5.89444444 | 32.66737 | -117.119453 | 6.06268519 | 32.66823 | -117.123333 |
| 5.7331713 | 32.670333 | -117.123080 | 5.89461806 | 32.66737 | -117.119453 | 6.0628588 | 32.66822 | -117.123333 |
| 5.7333449 | 32.670330 | -117.123093 | 5.89482639 | 32.66738 | -117.119467 | 6.06303241 | 32.66823 | -117.12336 |
| 5.7335069 | 32.670340 | -117.123107 | 5.89497685 | 32.66737 | -117.11948 | 6.06475694 | 32.66823 | -117.123467 |
| 5.7336806 | 32.670347 | -117.123147 | 5.89515046 | 32.66737 | -117.11948 | 6.06493056 | 32.66824 | -117.12348 |
| 5.7338657 | 32.670340 | -117.123173 | 5.89532407 | 32.66737 | -117.11948 | 6.06510417 | 32.66822 | -117.12348 |
| 5.7340394 | 32.670333 | -117.123200 | 5.89549769 | 32.66738 | -117.11948 | 6.06527778 | 32.66821 | -117.12352 |
| 5.7342014 | 32.670333 | -117.123200 | 5.89565972 | 32.6674 | -117.119467 | 6.06545139 | 32.66823 | -117.123533 |
| 5.7343750 | 32.670340 | -117.123213 | 5.89583333 | 32.6674 | -117.119467 | 6.065625 | 32.66823 | -117.123533 |
| 5.7346065 | 32.670340 | -117.123253 | 5.89740741 | 32.66737 | -117.11948 | 6.06579861 | 32.66821 | -117.123573 |
| 5.7347338 | 32.670347 | -117.123280 | 5.89759259 | 32.66737 | -117.119467 | 6.06597222 | 32.66822 | -117.123573 |
| 5.7350347 | 32.670353 | -117.123293 | 5.89774306 | 32.66737 | -117.119467 | 6.06614583 | 32.66822 | -117.123587 |
| 5.7352546 | 32.670350 | -117.123320 | 5.89791667 | 32.66738 | -117.119453 | 6.06631944 | 32.66822 | -117.123587 |
| 5.7354282 | 32.670350 | -117.123333 | 5.89809028 | 32.66738 | -117.119453 | 6.06649306 | 32.66823 | -117.123587 |
| 5.7369907 | 32.670347 | -117.123453 | 5.89826389 | 32.66738 | -117.119453 | 6.06666667 | 32.66821 | -117.1236 |
| 5.7371644 | 32.670340 | -117.123467 | 5.8984375 | 32.66739 | -117.119453 | 6.06684028 | 32.6682 | -117.1236 |
| 5.7373264 | 32.670337 | -117.123480 | 5.89866898 | 32.66737 | -117.119453 | 6.06701389 | 32.6682 | -117.123613 |
| 5.7375000 | 32.670337 | -117.123507 | 5.8987963 | 32.66737 | -117.119453 | 6.0671875 | 32.66819 | -117.123613 |
| 5.7376852 | 32.670337 | -117.123533 | 5.89896991 | 32.66737 | -117.119467 | 6.06736111 | 32.66819 | -117.123613 |
| 5.7378588 | 32.670333 | -117.123533 | 5.89913194 | 32.66737 | -117.119467 | 6.06753472 | 32.66818 | -117.123613 |
| 5.7380324 | 32.670333 | -117.123573 | 5.89930556 | 32.66738 | -117.119467 | 6.06770833 | 32.66818 | -117.123613 |
| 5.7381944 | 32.670333 | -117.123587 | 5.89947917 | 32.66739 | -117.119453 | 6.06788194 | 32.66818 | -117.123627 |
| 5.7383681 | 32.670337 | -117.123613 | 5.89965278 | 32.66739 | -117.119453 | 6.06805556 | 32.66817 | -117.123653 |
| 5.7385417 | 32.670340 | -117.123627 | 5.89982639 | 32.6674 | -117.119453 | 6.06913194 | 32.66815 | -117.123733 |
| 5.7387269 | 32.670337 | -117.123653 | 5.90010417 | 32.6674 | -117.119453 | 6.06928241 | 32.66815 | -117.123747 |
| 5.7389005 | 32.670340 | -117.123667 | 5.90018519 | 32.6674 | -117.119453 | 6.06945602 | 32.66815 | -117.123747 |
| 5.7390625 | 32.670347 | -117.123680 | 5.9003588 | 32.6674 | -117.119453 | 6.06962963 | 32.66815 | -117.123747 |
| 5.7392361 | 32.670347 | -117.123720 | 5.90053241 | 32.6674 | -117.11944 | 6.06980324 | 32.66815 | -117.123747 |
| 5.7394213 | 32.670347 | -117.123720 | 5.90070602 | 32.6674 | -117.11944 | 6.06997685 | 32.66815 | -117.123747 |
| 5.7395949 | 32.670340 | -117.123733 | 5.90210648 | 32.66739 | -117.119413 | 6.07015046 | 32.66815 | -117.123747 |
| 5.7397685 | 32.670333 | -117.123747 | 5.90225694 | 32.66737 | -117.11944 | 6.07032407 | 32.66815 | -117.123747 |
| 5.7399537 | 32.670323 | -117.123760 | 5.90244213 | 32.66737 | -117.11944 | 6.07049769 | 32.66815 | -117.123747 |
| 5.7401042 | 32.670323 | -117.123773 | 5.90261574 | 32.66738 | -117.119413 | 6.0706713 | 32.66815 | -117.123747 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7402778 | 32.670323 | -117.123773 | 5.90277778 | 32.66737 | -117.119413 | 6.07084491 | 32.66815 | -117.123747 |
| 5.7428819 | 32.670200 | -117.123987 | 5.90295139 | 32.66736 | -117.11944 | 6.07101852 | 32.66814 | -117.123773 |
| 5.7430556 | 32.670187 | -117.124013 | 5.90313657 | 32.66737 | -117.119413 | 6.07119213 | 32.66812 | -117.123827 |
| 5.7432292 | 32.670170 | -117.124013 | 5.90331019 | 32.66737 | -117.119413 | 6.07135417 | 32.66812 | -117.123867 |
| 5.7434028 | 32.670163 | -117.124013 | 5.9034838 | 32.66737 | -117.119413 | 6.07152778 | 32.66812 | -117.123867 |
| 5.7435764 | 32.670147 | -117.124040 | 5.90364583 | 32.66736 | -117.119413 | 6.07170139 | 32.66812 | -117.123867 |
| 5.7437500 | 32.670133 | -117.124053 | 5.90381944 | 32.66735 | -117.11944 | 6.071875 | 32.66812 | -117.123867 |
| 5.7439236 | 32.670127 | -117.124067 | 5.90399306 | 32.66735 | -117.11944 | 6.07204861 | 32.66812 | -117.12388 |
| 5.7440972 | 32.670113 | -117.124067 | 5.90417824 | 32.66735 | -117.1194 | 6.07222222 | 32.66812 | -117.123893 |
| 5.7442708 | 32.670093 | -117.124067 | 5.904375 | 32.66736 | -117.119413 | 6.07239583 | 32.66811 | -117.12392 |
| 5.7444444 | 32.670093 | -117.124067 | 5.90456019 | 32.66735 | -117.11944 | 6.07291667 | 32.66812 | -117.12392 |
| 5.7446181 | 32.670080 | -117.124093 | 5.9046875 | 32.66735 | -117.11944 | 6.07309028 | 32.66812 | -117.12392 |
| 5.7447917 | 32.670070 | -117.124120 | 5.90487269 | 32.66735 | -117.11944 | 6.07326389 | 32.66812 | -117.123893 |
| 5.7449653 | 32.670060 | -117.124133 | 5.9050463 | 32.66735 | -117.11944 | 6.0734375 | 32.66813 | -117.12388 |
| 5.7451389 | 32.670057 | -117.124133 | 5.90521991 | 32.66735 | -117.119453 | 6.07361111 | 32.66814 | -117.123867 |
| 5.7453125 | 32.670043 | -117.124160 | 5.90659722 | 32.66732 | -117.11944 | 6.07378472 | 32.66814 | -117.12384 |
| 5.7454861 | 32.670033 | -117.124160 | 5.90677083 | 32.66732 | -117.119387 | 6.07395833 | 32.66814 | -117.123813 |
| 5.7456597 | 32.670027 | -117.124173 | 5.90694444 | 32.66732 | -117.1194 | 6.07413194 | 32.66814 | -117.123813 |
| 5.7458333 | 32.670017 | -117.124187 | 5.90712963 | 32.66731 | -117.119413 | 6.07430556 | 32.66814 | -117.123813 |
| 5.7460069 | 32.670007 | -117.124187 | 5.90730324 | 32.66732 | -117.1194 | 6.07447917 | 32.66814 | -117.123813 |
| 5.7461806 | 32.669997 | -117.124187 | 5.90746528 | 32.66732 | -117.1194 | 6.07465278 | 32.66814 | -117.123813 |
| 5.7477431 | 32.669877 | -117.124213 | 5.90763889 | 32.66733 | -117.1194 | 6.07482639 | 32.66814 | -117.123813 |
| 5.7479167 | 32.669863 | -117.124213 | 5.9078125 | 32.66732 | -117.119413 | 6.075 | 32.66815 | -117.1238 |
| 5.7480903 | 32.669850 | -117.124213 | 5.90799769 | 32.6673 | -117.11944 | 6.07517361 | 32.66815 | -117.12376 |
| 5.7482639 | 32.669837 | -117.124213 | 5.9081713 | 32.66729 | -117.119413 | 6.07534722 | 32.66814 | -117.123747 |
| 5.7484375 | 32.669827 | -117.124213 | 5.90834491 | 32.66729 | -117.11944 | 6.07552083 | 32.66815 | -117.123733 |
| 5.7486111 | 32.669817 | -117.124200 | 5.90851852 | 32.66731 | -117.119413 | 6.07569444 | 32.66815 | -117.12372 |
| 5.7487847 | 32.669800 | -117.124200 | 5.90869213 | 32.66731 | -117.119413 | 6.07586806 | 32.66814 | -117.12372 |
| 5.7489583 | 32.669783 | -117.124187 | 5.90890046 | 32.66732 | -117.1194 | 6.07604167 | 32.66816 | -117.12372 |
| 5.7491319 | 32.669763 | -117.124173 | 5.90902778 | 32.66731 | -117.1194 | 6.07621528 | 32.66815 | -117.12372 |
| 5.7493056 | 32.669757 | -117.124173 | 5.90921296 | 32.66731 | -117.119413 | 6.07891204 | 32.66817 | -117.123693 |
| 5.7494792 | 32.669747 | -117.124160 | | | | | | |

DrEx 113

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5686458 | 32.674153 | -117.115837 | 5.7373264 | 32.670893 | -117.123107 | 5.90625 | 32.67231 | -117.120667 |
| 5.5687500 | 32.674140 | -117.115850 | 5.7375000 | 32.670900 | -117.123133 | 5.90643519 | 32.67231 | -117.120667 |
| 5.5689352 | 32.674117 | -117.115853 | 5.7376736 | 32.670903 | -117.123147 | 5.90671296 | 32.67231 | -117.120667 |
| 5.5691088 | 32.674107 | -117.115867 | 5.7378472 | 32.670910 | -117.123200 | 5.90679398 | 32.67231 | -117.120667 |
| 5.5692708 | 32.674093 | -117.115867 | 5.7380208 | 32.670913 | -117.123213 | 5.90694444 | 32.67231 | -117.120667 |
| 5.5694444 | 32.674087 | -117.115867 | 5.73819444 | 32.67092 | -117.12324 | 5.90711806 | 32.67231 | -117.120667 |
| 5.5696181 | 32.674120 | -117.115880 | 5.73836806 | 32.67092 | -117.12328 | 5.90765046 | 32.67236 | -117.120693 |
| 5.5698380 | 32.674047 | -117.115920 | 5.73854167 | 32.67093 | -117.12328 | 5.90782407 | 32.67236 | -117.120693 |
| 5.5699653 | 32.674053 | -117.115920 | 5.73976852 | 32.67095 | -117.1234 | 5.90809028 | 32.67236 | -117.120693 |
| 5.5701389 | 32.674040 | -117.115933 | 5.73994213 | 32.67095 | -117.123427 | 5.90815972 | 32.67236 | -117.120693 |
| 5.5703125 | 32.674030 | -117.115933 | 5.74011574 | 32.67096 | -117.123453 | 5.90833333 | 32.67236 | -117.120693 |
| 5.5704861 | 32.674017 | -117.115933 | 5.74028935 | 32.67096 | -117.123467 | 5.90850694 | 32.67236 | -117.120693 |
| 5.5707986 | 32.674003 | -117.115933 | 5.74046296 | 32.67096 | -117.12348 | 5.90869213 | 32.67236 | -117.120693 |
| 5.5710648 | 32.674003 | -117.115933 | 5.740625 | 32.67096 | -117.12348 | 5.90891204 | 32.67236 | -117.120693 |
| 5.5711921 | 32.674000 | -117.115933 | 5.74079861 | 32.67097 | -117.12352 | 5.90903935 | 32.67236 | -117.120693 |
| 5.5713657 | 32.674000 | -117.115933 | 5.74097222 | 32.67097 | -117.123533 | 5.90921296 | 32.67236 | -117.120693 |
| 5.5715278 | 32.674000 | -117.115933 | 5.74114583 | 32.67097 | -117.123547 | 5.90944444 | 32.67236 | -117.120693 |
| 5.5717014 | 32.674000 | -117.115933 | 5.74131944 | 32.67097 | -117.123547 | 5.90954861 | 32.67236 | -117.120693 |
| 5.5718750 | 32.673993 | -117.115933 | 5.74149306 | 32.67097 | -117.123573 | 5.90972222 | 32.67236 | -117.120693 |
| 5.5720486 | 32.673990 | -117.115933 | 5.74166667 | 32.67097 | -117.123587 | 5.90989583 | 32.67236 | -117.120693 |
| 5.5744907 | 32.673963 | -117.115947 | 5.74184028 | 32.67096 | -117.123587 | 5.91006944 | 32.67236 | -117.120693 |
| 5.5746644 | 32.673963 | -117.115947 | 5.74201389 | 32.67096 | -117.1236 | 5.91024306 | 32.67236 | -117.120693 |
| 5.5748380 | 32.673960 | -117.115947 | 5.7421875 | 32.67096 | -117.123613 | 5.91041667 | 32.67236 | -117.120693 |
| 5.5750000 | 32.673960 | -117.115947 | 5.74236111 | 32.67096 | -117.123627 | 5.91059028 | 32.67236 | -117.120693 |
| 5.5751736 | 32.673960 | -117.115973 | 5.74253472 | 32.67096 | -117.123653 | 5.91076389 | 32.67237 | -117.120693 |
| 5.5753472 | 32.673947 | -117.115973 | 5.74270833 | 32.67096 | -117.123667 | 5.91094907 | 32.67237 | -117.120693 |
| 5.5755324 | 32.673930 | -117.115987 | 5.74288194 | 32.67096 | -117.12368 | 5.91146991 | 32.67241 | -117.120693 |
| 5.5757060 | 32.673927 | -117.115987 | 5.74305556 | 32.67097 | -117.123693 | 5.91164352 | 32.67241 | -117.120693 |
| 5.5758796 | 32.673923 | -117.115987 | 5.74358796 | 32.67096 | -117.123733 | 5.91181713 | 32.67241 | -117.120693 |
| 5.5760532 | 32.673923 | -117.115987 | 5.74376157 | 32.67096 | -117.123747 | 5.91197917 | 32.67241 | -117.120693 |
| 5.5762153 | 32.673923 | -117.115987 | 5.74393519 | 32.67097 | -117.123773 | 5.91216435 | 32.67241 | -117.120693 |
| 5.5763889 | 32.673917 | -117.115987 | 5.7441088 | 32.67096 | -117.123773 | 5.91233796 | 32.67241 | -117.120693 |
| 5.5765625 | 32.673917 | -117.115987 | 5.74428241 | 32.67096 | -117.1238 | 5.91251157 | 32.6724 | -117.120693 |
| 5.5767361 | 32.673913 | -117.115987 | 5.74445602 | 32.67096 | -117.123813 | 5.91268519 | 32.67241 | -117.120693 |
| 5.5769097 | 32.673890 | -117.116000 | 5.74462963 | 32.67096 | -117.123813 | 5.9128588 | 32.67242 | -117.120693 |
| 5.5770949 | 32.673887 | -117.116000 | 5.74480324 | 32.67096 | -117.12384 | 5.91303241 | 32.67243 | -117.120693 |
| 5.5772685 | 32.673887 | -117.116000 | 5.74497685 | 32.67095 | -117.123867 | 5.91320602 | 32.67244 | -117.120693 |
| 5.5774306 | 32.673887 | -117.116000 | 5.74515046 | 32.67096 | -117.123867 | 5.91337963 | 32.67244 | -117.120707 |
| 5.5776042 | 32.673880 | -117.116000 | 5.74532407 | 32.67095 | -117.123867 | 5.91355324 | 32.67245 | -117.120707 |
| 5.5802083 | 32.673777 | -117.116080 | 5.74549769 | 32.67095 | -117.12388 | 5.91372685 | 32.67245 | -117.120707 |
| 5.5803819 | 32.673777 | -117.116080 | 5.7456713 | 32.67094 | -117.123893 | 5.91393519 | 32.67245 | -117.12072 |
| 5.5805556 | 32.673753 | -117.116080 | 5.74584491 | 32.67094 | -117.12392 | 5.91408565 | 32.67245 | -117.12072 |
| 5.5807292 | 32.673667 | -117.116133 | 5.74601852 | 32.67094 | -117.12392 | 5.91423611 | 32.67245 | -117.12072 |
| 5.5809144 | 32.673653 | -117.116147 | 5.74619213 | 32.67094 | -117.12392 | 5.91440972 | 32.67245 | -117.12072 |
| 5.5810880 | 32.673653 | -117.116147 | 5.74636574 | 32.67095 | -117.123947 | 5.91458333 | 32.67245 | -117.12072 |
| 5.5812616 | 32.673650 | -117.116147 | 5.74653935 | 32.67094 | -117.123947 | 5.91475694 | 32.67245 | -117.12072 |
| 5.5814352 | 32.673623 | -117.116200 | 5.74671296 | 32.67094 | -117.123973 | 5.91528935 | 32.67245 | -117.12072 |
| 5.5815972 | 32.673623 | -117.116200 | 5.74688657 | 32.67094 | -117.123987 | 5.91546296 | 32.67245 | -117.12072 |
| 5.5818171 | 32.673620 | -117.116200 | 5.74792824 | 32.67091 | -117.124053 | 5.9156713 | 32.67245 | -117.12072 |
| 5.5819444 | 32.673620 | -117.116200 | 5.74810185 | 32.67091 | -117.124067 | 5.91579861 | 32.67245 | -117.12072 |
| 5.5821181 | 32.673617 | -117.116200 | 5.74827546 | 32.67091 | -117.124067 | 5.91597222 | 32.67247 | -117.120733 |
| 5.5822917 | 32.673617 | -117.116200 | 5.74844907 | 32.6709 | -117.124067 | 5.91614583 | 32.67248 | -117.120747 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5824653 | 32.673613 | -117.116200 | 5.74862269 | 32.6709 | -117.124093 | 5.91633102 | 32.67248 | -117.120747 |
| 5.5826389 | 32.673573 | -117.116227 | 5.7487963 | 32.67089 | -117.12412 | 5.91650463 | 32.67249 | -117.120747 |
| 5.5828125 | 32.673573 | -117.116227 | 5.74896991 | 32.67088 | -117.12412 | 5.91666667 | 32.67249 | -117.120747 |
| 5.5829861 | 32.673573 | -117.116227 | 5.74914352 | 32.67088 | -117.12412 | 5.91684028 | 32.67249 | -117.120747 |
| 5.5831597 | 32.673573 | -117.116227 | 5.74931713 | 32.67088 | -117.12412 | 5.91701389 | 32.67249 | -117.120747 |
| 5.5833333 | 32.673543 | -117.116253 | 5.74949074 | 32.67088 | -117.12412 | 5.9171875 | 32.67249 | -117.120747 |
| 5.5850810 | 32.673413 | -117.116360 | 5.74966435 | 32.67088 | -117.12412 | 5.91736111 | 32.67249 | -117.120773 |
| 5.5852546 | 32.673410 | -117.116360 | 5.74983796 | 32.67088 | -117.12412 | 5.91753472 | 32.67249 | -117.120773 |
| 5.5854282 | 32.673403 | -117.116360 | 5.75001157 | 32.67088 | -117.12412 | 5.91770833 | 32.6725 | -117.120787 |
| 5.5856019 | 32.673403 | -117.116373 | 5.75018519 | 32.67088 | -117.12412 | 5.91788194 | 32.67251 | -117.120787 |
| 5.5857639 | 32.673403 | -117.116373 | 5.7503588 | 32.67088 | -117.12412 | 5.91805556 | 32.67251 | -117.1208 |
| 5.5859375 | 32.673380 | -117.116387 | 5.75053241 | 32.67088 | -117.124133 | 5.91822917 | 32.67251 | -117.120813 |
| 5.5861111 | 32.673377 | -117.116400 | 5.75070602 | 32.67088 | -117.124133 | 5.91840278 | 32.67252 | -117.120813 |
| 5.5862847 | 32.673377 | -117.116400 | 5.75087963 | 32.67088 | -117.124133 | 5.91857639 | 32.67253 | -117.120813 |
| 5.5864583 | 32.673347 | -117.116400 | 5.75105324 | 32.67088 | -117.124133 | 5.91909722 | 32.67253 | -117.120813 |
| 5.5866435 | 32.673320 | -117.116440 | 5.75122685 | 32.67088 | -117.124133 | 5.91928241 | 32.67253 | -117.120813 |
| 5.5868171 | 32.673273 | -117.116467 | 5.75174769 | 32.67088 | -117.12416 | 5.91945602 | 32.67253 | -117.120813 |
| 5.5869792 | 32.673243 | -117.116493 | 5.7519213 | 32.67088 | -117.12416 | 5.91962963 | 32.67253 | -117.12084 |
| 5.5871528 | 32.673237 | -117.116493 | 5.75209491 | 32.67088 | -117.12416 | 5.91980324 | 32.67254 | -117.120853 |
| 5.5873264 | 32.673237 | -117.116493 | 5.75226852 | 32.67088 | -117.12416 | 5.91997685 | 32.67254 | -117.120853 |
| 5.5875116 | 32.673237 | -117.116493 | 5.75244213 | 32.67089 | -117.12416 | 5.92015046 | 32.67254 | -117.120853 |
| 5.5876852 | 32.673233 | -117.116493 | 5.75261574 | 32.6709 | -117.12416 | 5.92032407 | 32.67254 | -117.120853 |
| 5.5878472 | 32.673233 | -117.116493 | 5.75278935 | 32.6709 | -117.12416 | 5.92049769 | 32.67255 | -117.120867 |
| 5.5880208 | 32.673230 | -117.116507 | 5.75296296 | 32.6709 | -117.12416 | 5.92065972 | 32.67256 | -117.120867 |
| 5.5881944 | 32.673227 | -117.116507 | 5.75313657 | 32.6709 | -117.12416 | 5.92083333 | 32.67256 | -117.12088 |
| 5.5883796 | 32.673227 | -117.116507 | 5.75331019 | 32.6709 | -117.12416 | 5.92100694 | 32.67257 | -117.12088 |
| 5.5904745 | 32.673150 | -117.116587 | 5.7534838 | 32.6709 | -117.12416 | 5.92118056 | 32.67257 | -117.120893 |
| 5.5906250 | 32.673100 | -117.116640 | 5.75365741 | 32.6709 | -117.12416 | 5.92135417 | 32.67258 | -117.120893 |
| 5.5907986 | 32.673100 | -117.116640 | 5.75383102 | 32.6709 | -117.12416 | 5.92152778 | 32.67259 | -117.12092 |
| 5.5909722 | 32.673097 | -117.116640 | 5.75400463 | 32.6709 | -117.12416 | 5.92170139 | 32.6726 | -117.12092 |
| 5.5911458 | 32.673090 | -117.116640 | 5.75416667 | 32.6709 | -117.12416 | 5.921875 | 32.6726 | -117.12092 |
| 5.5913194 | 32.673077 | -117.116667 | 5.75434028 | 32.6709 | -117.12416 | 5.92206019 | 32.67259 | -117.120933 |
| 5.5915046 | 32.673057 | -117.116693 | 5.75451389 | 32.6709 | -117.12416 | 5.9222338 | 32.6726 | -117.120947 |
| 5.5916782 | 32.673057 | -117.116693 | 5.7546875 | 32.6709 | -117.12416 | 5.92240741 | 32.67261 | -117.120947 |
| 5.5918519 | 32.673050 | -117.116693 | 5.75486111 | 32.67089 | -117.12416 | 5.92291667 | 32.67263 | -117.12096 |
| 5.5920255 | 32.673007 | -117.116747 | 5.75510417 | 32.67089 | -117.12416 | 5.92309028 | 32.67263 | -117.120973 |
| 5.5921991 | 32.672983 | -117.116787 | 5.75556713 | 32.67089 | -117.12416 | 5.92326389 | 32.67263 | -117.120973 |
| 5.5923727 | 32.672983 | -117.116787 | 5.75574074 | 32.67089 | -117.12416 | 5.9234375 | 32.67263 | -117.120973 |
| 5.5925463 | 32.672947 | -117.116800 | 5.75591435 | 32.67089 | -117.12416 | 5.92361111 | 32.67263 | -117.120973 |
| 5.5927199 | 32.672947 | -117.116813 | 5.75608796 | 32.67089 | -117.12416 | 5.92378472 | 32.67263 | -117.120973 |
| 5.5928935 | 32.672947 | -117.116813 | 5.75626157 | 32.67089 | -117.12416 | 5.9240162 | 32.67263 | -117.120973 |
| 5.5930903 | 32.672913 | -117.116840 | 5.75642361 | 32.67089 | -117.12416 | 5.92414352 | 32.67263 | -117.120973 |
| 5.5932755 | 32.672913 | -117.116840 | 5.75659722 | 32.67089 | -117.12416 | 5.92431713 | 32.67263 | -117.120973 |
| 5.5934028 | 32.672913 | -117.116840 | 5.75677083 | 32.67089 | -117.12416 | 5.92447917 | 32.67263 | -117.120973 |
| 5.5935764 | 32.672887 | -117.116867 | 5.75694444 | 32.67089 | -117.12416 | 5.92465278 | 32.67264 | -117.121013 |
| 5.5937500 | 32.672887 | -117.116867 | 5.75711806 | 32.67088 | -117.124133 | 5.92482639 | 32.67265 | -117.121013 |
| 5.5942708 | 32.672840 | -117.116933 | 5.75729167 | 32.67087 | -117.124133 | 5.925 | 32.67266 | -117.121027 |
| 5.5944444 | 32.672837 | -117.116933 | 5.75746528 | 32.67087 | -117.12412 | 5.92517361 | 32.67267 | -117.121067 |
| 5.5946181 | 32.672837 | -117.116933 | 5.75763889 | 32.67086 | -117.12412 | 5.92534722 | 32.67268 | -117.121067 |
| 5.5947917 | 32.672837 | -117.116933 | 5.7578125 | 32.67085 | -117.124107 | 5.92552083 | 32.67269 | -117.121067 |
| 5.5949653 | 32.672813 | -117.116960 | 5.75798611 | 32.67084 | -117.124093 | 5.92569444 | 32.67269 | -117.12108 |
| 5.5951505 | 32.672800 | -117.116987 | 5.75815972 | 32.67084 | -117.124067 | 5.92586806 | 32.6727 | -117.12108 |
| 5.5954167 | 32.672777 | -117.117013 | 5.75833333 | 32.67085 | -117.124067 | 5.92604167 | 32.67271 | -117.121093 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5954977 | 32.672777 | -117.117013 | 5.75850694 | 32.67084 | -117.124067 | 5.92621528 | 32.67271 | -117.121093 |
| 5.5956713 | 32.672763 | -117.117027 | 5.75869213 | 32.67084 | -117.124067 | 5.9265625 | 32.6727 | -117.121107 |
| 5.5958333 | 32.672763 | -117.117027 | 5.75886574 | 32.67084 | -117.124067 | 5.92673611 | 32.67271 | -117.12112 |
| 5.5960069 | 32.672763 | -117.117027 | 5.76059028 | 32.67078 | -117.124013 | 5.92690972 | 32.67273 | -117.12112 |
| 5.5961806 | 32.672747 | -117.117053 | 5.76076389 | 32.67077 | -117.124013 | 5.92708333 | 32.67273 | -117.12112 |
| 5.5963542 | 32.672747 | -117.117053 | 5.7609375 | 32.67076 | -117.124013 | 5.92725694 | 32.67274 | -117.12112 |
| 5.5965394 | 32.672743 | -117.117053 | 5.76111111 | 32.67076 | -117.124013 | 5.92743056 | 32.67274 | -117.12112 |
| 5.5967130 | 32.672720 | -117.117080 | 5.7612963 | 32.67076 | -117.124013 | 5.92760417 | 32.67274 | -117.12112 |
| 5.5968750 | 32.672710 | -117.117120 | 5.76146991 | 32.67076 | -117.124013 | 5.92777778 | 32.67274 | -117.12112 |
| 5.5970486 | 32.672710 | -117.117120 | 5.76164352 | 32.67076 | -117.124013 | 5.92795139 | 32.67274 | -117.12112 |
| 5.5972222 | 32.672700 | -117.117133 | 5.76181713 | 32.67076 | -117.124013 | 5.928125 | 32.67275 | -117.12112 |
| 5.5973958 | 32.672690 | -117.117133 | 5.76199074 | 32.67076 | -117.124013 | 5.92829861 | 32.67275 | -117.12112 |
| 5.5975810 | 32.672680 | -117.117160 | 5.76216435 | 32.67076 | -117.123987 | 5.92847222 | 32.67275 | -117.12112 |
| 5.5980903 | 32.672653 | -117.117227 | 5.76233796 | 32.67076 | -117.123987 | 5.92864583 | 32.67275 | -117.12112 |
| 5.5982639 | 32.672640 | -117.117227 | 5.76251157 | 32.67076 | -117.123987 | 5.92881944 | 32.67275 | -117.12112 |
| 5.5985417 | 32.672633 | -117.117253 | 5.76268519 | 32.67076 | -117.123987 | 5.92899306 | 32.67275 | -117.12112 |
| 5.5986227 | 32.672627 | -117.117253 | 5.7628588 | 32.67076 | -117.123987 | 5.92921296 | 32.67275 | -117.12112 |
| 5.5988079 | 32.672627 | -117.117267 | 5.76303241 | 32.67076 | -117.123987 | 5.92934028 | 32.67275 | -117.12112 |
| 5.5989583 | 32.672610 | -117.117280 | 5.76319444 | 32.67076 | -117.123987 | 5.92951389 | 32.67275 | -117.12112 |
| 5.5991319 | 32.672610 | -117.117280 | 5.76336806 | 32.67075 | -117.123987 | 5.9296875 | 32.67275 | -117.12112 |
| 5.5993056 | 32.672607 | -117.117307 | 5.76354167 | 32.67075 | -117.123987 | 5.93091435 | 32.67278 | -117.121213 |
| 5.5994792 | 32.672597 | -117.117320 | 5.76371528 | 32.67075 | -117.123987 | 5.93108796 | 32.67279 | -117.121213 |
| 5.5996528 | 32.672573 | -117.117347 | 5.76388889 | 32.67075 | -117.123987 | 5.93126157 | 32.67279 | -117.121213 |
| 5.5998380 | 32.672560 | -117.117360 | 5.76615741 | 32.67065 | -117.12388 | 5.93143519 | 32.67279 | -117.121213 |
| 5.6000116 | 32.672560 | -117.117387 | 5.76640046 | 32.67063 | -117.12388 | 5.9316088 | 32.67278 | -117.121227 |
| 5.6001852 | 32.672547 | -117.117400 | 5.76650463 | 32.67063 | -117.123867 | 5.93178241 | 32.67278 | -117.121227 |
| 5.6003588 | 32.672547 | -117.117400 | 5.76667824 | 32.67061 | -117.123867 | 5.93195602 | 32.67278 | -117.121227 |
| 5.6005787 | 32.672530 | -117.117413 | 5.76685185 | 32.67061 | -117.123867 | 5.93212963 | 32.67278 | -117.121227 |
| 5.6007060 | 32.672530 | -117.117413 | 5.76701389 | 32.67061 | -117.123867 | 5.93230324 | 32.67278 | -117.121227 |
| 5.6008796 | 32.672523 | -117.117453 | 5.7671875 | 32.6706 | -117.123867 | 5.93247685 | 32.67278 | -117.121227 |
| 5.6010417 | 32.672523 | -117.117453 | 5.76737269 | 32.6706 | -117.123867 | 5.93263889 | 32.67278 | -117.121227 |
| 5.6012153 | 32.672510 | -117.117453 | 5.7675463 | 32.6706 | -117.123867 | 5.9328125 | 32.67278 | -117.121227 |
| 5.6024421 | 32.672460 | -117.117533 | 5.76771991 | 32.6706 | -117.123867 | 5.93298611 | 32.67278 | -117.12124 |
| 5.6026157 | 32.672460 | -117.117533 | 5.76789352 | 32.6706 | -117.123867 | 5.93315972 | 32.67279 | -117.12124 |
| 5.6027778 | 32.672450 | -117.117547 | 5.76806713 | 32.67059 | -117.123867 | 5.93333333 | 32.67279 | -117.12124 |
| 5.6029861 | 32.672443 | -117.117547 | 5.76822917 | 32.67057 | -117.123867 | 5.93351852 | 32.67279 | -117.12124 |
| 5.6031366 | 32.672430 | -117.117600 | 5.76840278 | 32.67055 | -117.123827 | 5.93369213 | 32.67279 | -117.121253 |
| 5.6033102 | 32.672430 | -117.117600 | 5.76857639 | 32.67053 | -117.123813 | 5.93386574 | 32.6728 | -117.121253 |
| 5.6034722 | 32.672430 | -117.117600 | 5.76875 | 32.67051 | -117.1238 | 5.93403935 | 32.67281 | -117.121253 |
| 5.6036458 | 32.672413 | -117.117600 | 5.76892361 | 32.67049 | -117.123773 | 5.93421296 | 32.67281 | -117.121253 |
| 5.6038194 | 32.672400 | -117.117613 | 5.76909722 | 32.67048 | -117.123773 | 5.93541667 | 32.67281 | -117.121267 |
| 5.6039931 | 32.672400 | -117.117613 | 5.76927083 | 32.67048 | -117.123773 | 5.93559028 | 32.67281 | -117.121267 |
| 5.6042130 | 32.672400 | -117.117613 | 5.76944444 | 32.67047 | -117.12376 | 5.93576389 | 32.67281 | -117.121267 |
| 5.6043403 | 32.672397 | -117.117613 | 5.77013889 | 32.67045 | -117.12376 | 5.9359375 | 32.67281 | -117.121267 |
| 5.6045255 | 32.672397 | -117.117613 | 5.7703125 | 32.67045 | -117.12376 | 5.93611111 | 32.67281 | -117.121267 |
| 5.6046991 | 32.672397 | -117.117613 | 5.77048611 | 32.67045 | -117.12376 | 5.93628472 | 32.67283 | -117.121267 |
| 5.6048727 | 32.672393 | -117.117627 | 5.77065972 | 32.67045 | -117.12376 | 5.93645833 | 32.67283 | -117.121267 |
| 5.6050463 | 32.672380 | -117.117653 | 5.77084491 | 32.67045 | -117.12376 | 5.93663194 | 32.67283 | -117.121267 |
| 5.6052083 | 32.672380 | -117.117653 | 5.77101852 | 32.67045 | -117.123747 | 5.93680556 | 32.67284 | -117.121267 |
| 5.6053819 | 32.672367 | -117.117680 | 5.77118056 | 32.67045 | -117.123747 | 5.93697917 | 32.67285 | -117.121267 |
| 5.6055556 | 32.672357 | -117.117693 | 5.77135417 | 32.67045 | -117.123747 | 5.93715278 | 32.67285 | -117.121267 |
| 5.6057292 | 32.672357 | -117.117693 | 5.77152778 | 32.67044 | -117.123747 | 5.93740741 | 32.67285 | -117.121293 |
| 5.6064352 | 32.672350 | -117.117707 | 5.77170139 | 32.67044 | -117.123747 | 5.93751157 | 32.67285 | -117.121293 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6066088 | 32.672333 | -117.117747 | 5.771875 | 32.67043 | -117.123733 | 5.93768519 | 32.67286 | -117.12132 |
| 5.6068519 | 32.672323 | -117.117747 | 5.77204861 | 32.67043 | -117.123733 | 5.9378588 | 32.67286 | -117.12132 |
| 5.6069792 | 32.672323 | -117.117747 | 5.77222222 | 32.67043 | -117.123733 | 5.93803241 | 32.67286 | -117.12132 |
| 5.6071875 | 32.672323 | -117.117747 | 5.77239583 | 32.67043 | -117.123733 | 5.93821759 | 32.67286 | -117.12132 |
| 5.6072917 | 32.672320 | -117.117747 | 5.77256944 | 32.67043 | -117.123733 | 5.93836806 | 32.67286 | -117.121333 |
| 5.6074653 | 32.672307 | -117.117787 | 5.77275463 | 32.67043 | -117.123733 | 5.93854167 | 32.67286 | -117.121333 |
| 5.6076505 | 32.672293 | -117.117800 | 5.77292824 | 32.67043 | -117.123733 | 5.93871528 | 32.67286 | -117.121333 |
| 5.6078241 | 32.672293 | -117.117800 | 5.77309028 | 32.67043 | -117.123733 | 5.93993056 | 32.67287 | -117.12136 |
| 5.6079977 | 32.672293 | -117.117800 | 5.77326389 | 32.67043 | -117.123733 | 5.94010417 | 32.67287 | -117.12136 |
| 5.6082292 | 32.672290 | -117.117800 | 5.7734375 | 32.67042 | -117.123733 | 5.94027778 | 32.67287 | -117.12136 |
| 5.6083333 | 32.672290 | -117.117800 | 5.775 | 32.67041 | -117.12372 | 5.94045139 | 32.67287 | -117.12136 |
| 5.6085185 | 32.672290 | -117.117800 | 5.77517361 | 32.67041 | -117.12372 | 5.940625 | 32.67287 | -117.12136 |
| 5.6086921 | 32.672287 | -117.117800 | 5.77534722 | 32.67041 | -117.12372 | 5.94079861 | 32.67287 | -117.12136 |
| 5.6088773 | 32.672283 | -117.117827 | 5.77553241 | 32.67041 | -117.12372 | 5.94097222 | 32.67287 | -117.12136 |
| 5.6090278 | 32.672277 | -117.117827 | 5.77570602 | 32.6704 | -117.12372 | 5.94114583 | 32.67287 | -117.12136 |
| 5.6092014 | 32.672277 | -117.117827 | 5.77587963 | 32.6704 | -117.12372 | 5.94131944 | 32.67287 | -117.12136 |
| 5.6093866 | 32.672277 | -117.117827 | 5.77605324 | 32.6704 | -117.12372 | 5.94149306 | 32.67288 | -117.12136 |
| 5.6095602 | 32.672260 | -117.117853 | 5.77621528 | 32.67039 | -117.12372 | 5.94166667 | 32.67288 | -117.121387 |
| 5.6097338 | 32.672260 | -117.117853 | 5.77638889 | 32.67039 | -117.123693 | 5.94184028 | 32.67288 | -117.1214 |
| 5.6109375 | 32.672230 | -117.117920 | 5.7765625 | 32.67039 | -117.123693 | 5.94201389 | 32.67289 | -117.1214 |
| 5.6111111 | 32.672230 | -117.117920 | 5.77673611 | 32.67039 | -117.123693 | 5.9421875 | 32.67289 | -117.1214 |
| 5.6112847 | 32.672220 | -117.117933 | 5.77690972 | 32.67039 | -117.123693 | 5.94236111 | 32.67289 | -117.1214 |
| 5.6114699 | 32.672217 | -117.117933 | 5.77708333 | 32.67036 | -117.123667 | 5.94253472 | 32.67289 | -117.1214 |
| 5.6116782 | 32.672217 | -117.117933 | 5.77725694 | 32.67036 | -117.123667 | 5.94270833 | 32.67289 | -117.121413 |
| 5.6118056 | 32.672217 | -117.117933 | 5.77743056 | 32.67036 | -117.123653 | 5.94288194 | 32.67289 | -117.121413 |
| 5.6119907 | 32.672213 | -117.117933 | 5.77765046 | 32.67035 | -117.123653 | 5.94306713 | 32.67289 | -117.121413 |
| 5.6121644 | 32.672213 | -117.117947 | 5.77777778 | 32.67035 | -117.123653 | 5.94324074 | 32.67289 | -117.121413 |
| 5.6123380 | 32.672213 | -117.117947 | 5.77795139 | 32.67035 | -117.123653 | 5.94444444 | 32.6729 | -117.121453 |
| 5.6125000 | 32.672213 | -117.117947 | 5.778125 | 32.67035 | -117.123653 | 5.94461806 | 32.6729 | -117.121453 |
| 5.6126736 | 32.672210 | -117.117947 | 5.77831019 | 32.67035 | -117.123653 | 5.94480324 | 32.6729 | -117.121453 |
| 5.6128472 | 32.672210 | -117.117947 | 5.77934028 | 32.67035 | -117.123653 | 5.94497685 | 32.6729 | -117.121453 |
| 5.6130324 | 32.672203 | -117.117947 | 5.77951389 | 32.67035 | -117.123653 | 5.94515046 | 32.6729 | -117.121453 |
| 5.6132060 | 32.672193 | -117.117987 | 5.7796875 | 32.67035 | -117.123627 | 5.9453125 | 32.67291 | -117.12148 |
| 5.6133796 | 32.672193 | -117.117987 | 5.77986111 | 32.67035 | -117.123627 | 5.94548611 | 32.67294 | -117.12156 |
| 5.6135417 | 32.672177 | -117.118000 | 5.78008102 | 32.67034 | -117.123627 | 5.94565972 | 32.67295 | -117.121587 |
| 5.6137153 | 32.672160 | -117.118040 | 5.78020833 | 32.67034 | -117.123627 | 5.94583333 | 32.67295 | -117.121587 |
| 5.6138889 | 32.672160 | -117.118040 | 5.78038194 | 32.67033 | -117.123627 | 5.94600694 | 32.67295 | -117.121587 |
| 5.6140741 | 32.672160 | -117.118040 | 5.78055556 | 32.67033 | -117.123627 | 5.94618056 | 32.67295 | -117.121587 |
| 5.6142477 | 32.672137 | -117.118067 | 5.78072917 | 32.67033 | -117.123627 | 5.94635417 | 32.67295 | -117.121587 |
| 5.6149306 | 32.672120 | -117.118093 | 5.78090278 | 32.67033 | -117.123627 | 5.94652778 | 32.67296 | -117.1216 |
| 5.6151042 | 32.672110 | -117.118120 | 5.78107639 | 32.67033 | -117.123627 | 5.94671296 | 32.67296 | -117.121613 |
| 5.6152778 | 32.672110 | -117.118120 | 5.78125 | 32.67033 | -117.123613 | 5.94688657 | 32.67296 | -117.121613 |
| 5.6154514 | 32.672100 | -117.118133 | 5.78142361 | 32.67032 | -117.123613 | 5.94706019 | 32.67296 | -117.121613 |
| 5.6156366 | 32.672093 | -117.118147 | 5.78159722 | 32.67032 | -117.123613 | 5.9472338 | 32.67296 | -117.121613 |
| 5.6158102 | 32.672093 | -117.118147 | 5.78177083 | 32.67031 | -117.1236 | 5.94739583 | 32.67296 | -117.121627 |
| 5.6159722 | 32.672093 | -117.118147 | 5.78194444 | 32.67031 | -117.123587 | 5.94756944 | 32.67297 | -117.121667 |
| 5.6161458 | 32.672093 | -117.118147 | 5.78211806 | 32.6703 | -117.123587 | 5.94774306 | 32.67299 | -117.121707 |
| 5.6163194 | 32.672093 | -117.118147 | 5.78229167 | 32.6703 | -117.123573 | 5.94947917 | 32.67299 | -117.121813 |
| 5.6164931 | 32.672093 | -117.118147 | 5.78247685 | 32.67029 | -117.123573 | 5.94965278 | 32.67299 | -117.121827 |
| 5.6166667 | 32.672073 | -117.118187 | 5.78265046 | 32.67029 | -117.123547 | 5.94982639 | 32.67299 | -117.121853 |
| 5.6168403 | 32.672063 | -117.118200 | 5.78315972 | 32.67028 | -117.123547 | 5.95001157 | 32.673 | -117.121893 |
| 5.6171296 | 32.672057 | -117.118200 | 5.78334491 | 32.67028 | -117.123547 | 5.95018519 | 32.67299 | -117.12192 |
| 5.6172106 | 32.672057 | -117.118200 | 5.78351852 | 32.67028 | -117.123547 | 5.95034722 | 32.673 | -117.12192 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6173611 | 32.672057 | -117.118213 | 5.78368056 | 32.67028 | -117.123547 | 5.95052083 | 32.673 | -117.121947 |
| 5.6175463 | 32.672050 | -117.118240 | 5.78385417 | 32.67028 | -117.123547 | 5.95069444 | 32.67299 | -117.121947 |
| 5.6177199 | 32.672050 | -117.118240 | 5.78402778 | 32.67028 | -117.123547 | 5.95087963 | 32.67299 | -117.12196 |
| 5.6178935 | 32.672043 | -117.118267 | 5.78420139 | 32.67028 | -117.123533 | 5.95105324 | 32.67298 | -117.121987 |
| 5.6180671 | 32.672027 | -117.118280 | 5.784375 | 32.67028 | -117.123533 | 5.95122685 | 32.67299 | -117.122 |
| 5.6182407 | 32.672027 | -117.118280 | 5.78456019 | 32.67028 | -117.123533 | 5.95140046 | 32.67299 | -117.122 |
| 5.6196296 | 32.671983 | -117.118387 | 5.7847338 | 32.67028 | -117.123533 | 5.95157407 | 32.67299 | -117.122 |
| 5.6198032 | 32.671980 | -117.118387 | 5.78490741 | 32.67028 | -117.123533 | 5.95174769 | 32.67299 | -117.12204 |
| 5.6199769 | 32.671980 | -117.118387 | 5.78508102 | 32.67028 | -117.123533 | 5.9519213 | 32.67299 | -117.122053 |
| 5.6201505 | 32.671980 | -117.118387 | 5.78525463 | 32.67027 | -117.12352 | 5.95209491 | 32.67299 | -117.122067 |
| 5.6203935 | 32.671980 | -117.118387 | 5.78542824 | 32.67026 | -117.12348 | 5.95226852 | 32.67299 | -117.12208 |
| 5.6204977 | 32.671980 | -117.118387 | 5.78560185 | 32.67024 | -117.12348 | 5.95244213 | 32.67299 | -117.12208 |
| 5.6206713 | 32.671980 | -117.118387 | 5.78577546 | 32.67024 | -117.123467 | 5.95260417 | 32.67299 | -117.12212 |
| 5.6208333 | 32.671977 | -117.118387 | 5.78594907 | 32.67024 | -117.123467 | 5.95277778 | 32.67298 | -117.122133 |
| 5.6210069 | 32.671977 | -117.118387 | 5.78612269 | 32.67022 | -117.123467 | 5.95383102 | 32.67298 | -117.122213 |
| 5.6211806 | 32.671977 | -117.118387 | 5.7862963 | 32.67022 | -117.123453 | 5.95400463 | 32.67298 | -117.122227 |
| 5.6213542 | 32.671977 | -117.118413 | 5.78645833 | 32.67021 | -117.123453 | 5.95417824 | 32.67297 | -117.122253 |
| 5.6215394 | 32.671973 | -117.118413 | 5.78732639 | 32.67021 | -117.12344 | 5.95435185 | 32.67297 | -117.122267 |
| 5.6217130 | 32.671973 | -117.118413 | 5.7875 | 32.67021 | -117.123427 | 5.95452546 | 32.67296 | -117.12228 |
| 5.6218866 | 32.671973 | -117.118413 | 5.78767361 | 32.67021 | -117.123427 | 5.95469907 | 32.67295 | -117.12232 |
| 5.6220602 | 32.671970 | -117.118413 | 5.7878588 | 32.6702 | -117.123427 | 5.95487269 | 32.67295 | -117.122333 |
| 5.6222338 | 32.671970 | -117.118413 | 5.78803241 | 32.6702 | -117.123427 | 5.95503472 | 32.67295 | -117.122333 |
| 5.6223958 | 32.671970 | -117.118427 | 5.78820602 | 32.6702 | -117.123427 | 5.95520833 | 32.67295 | -117.122347 |
| 5.6225694 | 32.671970 | -117.118427 | 5.78837963 | 32.6702 | -117.123427 | 5.95538194 | 32.67296 | -117.122373 |
| 5.6227546 | 32.671970 | -117.118427 | 5.78855324 | 32.67019 | -117.1234 | 5.95555556 | 32.67297 | -117.1224 |
| 5.6229282 | 32.671970 | -117.118427 | 5.78872685 | 32.67018 | -117.1234 | 5.95574074 | 32.67296 | -117.122413 |
| 5.6237847 | 32.671947 | -117.118493 | 5.78890046 | 32.67017 | -117.123387 | 5.95591435 | 32.67294 | -117.12244 |
| 5.6239583 | 32.671943 | -117.118493 | 5.78907407 | 32.67016 | -117.123387 | 5.95608796 | 32.67293 | -117.122467 |
| 5.6241319 | 32.671943 | -117.118493 | 5.78923611 | 32.67016 | -117.123387 | 5.95630787 | 32.67291 | -117.122467 |
| 5.6243171 | 32.671943 | -117.118507 | 5.78940972 | 32.67016 | -117.123373 | 5.95643519 | 32.67291 | -117.12248 |
| 5.6245370 | 32.671940 | -117.118507 | 5.78958333 | 32.67016 | -117.12336 | 5.95659722 | 32.6729 | -117.12248 |
| 5.6246644 | 32.671940 | -117.118507 | 5.78975694 | 32.67016 | -117.123333 | 5.95677083 | 32.67288 | -117.122493 |
| 5.6248380 | 32.671940 | -117.118520 | 5.78993056 | 32.67015 | -117.123333 | 5.95695602 | 32.67287 | -117.12252 |
| 5.6250116 | 32.671927 | -117.118560 | 5.79011574 | 32.67015 | -117.123333 | 5.95712963 | 32.67286 | -117.12252 |
| 5.6251736 | 32.671923 | -117.118560 | 5.79028935 | 32.67015 | -117.123333 | 5.95763889 | 32.67284 | -117.122587 |
| 5.6253472 | 32.671920 | -117.118560 | 5.79046296 | 32.67014 | -117.123333 | 5.9578125 | 32.67284 | -117.122613 |
| 5.6255208 | 32.671910 | -117.118587 | 5.79063657 | 32.67014 | -117.12332 | 5.95798611 | 32.67283 | -117.122613 |
| 5.6256944 | 32.671900 | -117.118613 | 5.7921875 | 32.67015 | -117.123253 | 5.95815972 | 32.67281 | -117.122627 |
| 5.6258681 | 32.671900 | -117.118613 | 5.79236111 | 32.67014 | -117.123227 | 5.95836806 | 32.67281 | -117.122653 |
| 5.6260532 | 32.671900 | -117.118613 | 5.79253472 | 32.67015 | -117.123213 | 5.95851852 | 32.67276 | -117.122667 |
| 5.6262269 | 32.671897 | -117.118613 | 5.79270833 | 32.67016 | -117.1232 | 5.95868056 | 32.67274 | -117.122693 |
| 5.6264005 | 32.671897 | -117.118613 | 5.79288194 | 32.67014 | -117.1232 | 5.95885417 | 32.67268 | -117.122667 |
| 5.6265741 | 32.671897 | -117.118613 | 5.79305556 | 32.67014 | -117.1232 | 5.95902778 | 32.67257 | -117.122627 |
| 5.6267477 | 32.671883 | -117.118653 | 5.79322917 | 32.67015 | -117.1232 | 5.95920139 | 32.67249 | -117.122573 |
| 5.6270139 | 32.671880 | -117.118667 | 5.79340278 | 32.67014 | -117.1232 | 5.959375 | 32.67244 | -117.12252 |
| 5.6270833 | 32.671880 | -117.118667 | 5.79357639 | 32.67015 | -117.123173 | 5.95954861 | 32.67243 | -117.12252 |
| 5.6276157 | 32.671863 | -117.118707 | 5.79376157 | 32.67015 | -117.123173 | 5.95972222 | 32.67243 | -117.12252 |
| 5.6277894 | 32.671863 | -117.118707 | 5.79393519 | 32.67015 | -117.123147 | 5.95989583 | 32.67243 | -117.12252 |
| 5.6279630 | 32.671860 | -117.118707 | 5.7941088 | 32.67015 | -117.123133 | 5.96006944 | 32.67243 | -117.12252 |
| 5.6281250 | 32.671847 | -117.118733 | 5.79428241 | 32.67016 | -117.123107 | 5.96024306 | 32.67243 | -117.12252 |
| 5.6282986 | 32.671847 | -117.118733 | 5.79445602 | 32.67015 | -117.123107 | 5.96041667 | 32.67243 | -117.12252 |
| 5.6284722 | 32.671847 | -117.118733 | 5.79461806 | 32.67015 | -117.123107 | 5.96059028 | 32.67243 | -117.12252 |
| 5.6286574 | 32.671843 | -117.118747 | 5.79479167 | 32.67015 | -117.12308 | 5.96077546 | 32.67243 | -117.12252 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6288310 | 32.671833 | -117.118760 | 5.79496528 | 32.67015 | -117.12308 | 5.96094907 | 32.67243 | -117.12252 |
| 5.6289931 | 32.671827 | -117.118787 | 5.79513889 | 32.67015 | -117.123067 | 5.96268519 | 32.67242 | -117.122547 |
| 5.6291667 | 32.671823 | -117.118787 | 5.7953125 | 32.67014 | -117.123053 | 5.96284722 | 32.67242 | -117.122547 |
| 5.6293403 | 32.671813 | -117.118800 | 5.79548611 | 32.67014 | -117.123053 | 5.96302083 | 32.67242 | -117.122547 |
| 5.6295602 | 32.671807 | -117.118813 | 5.79600694 | 32.67016 | -117.123 | 5.96324074 | 32.67241 | -117.122613 |
| 5.6296875 | 32.671803 | -117.118813 | 5.79618056 | 32.67016 | -117.122987 | 5.96337963 | 32.6724 | -117.122613 |
| 5.6298611 | 32.671780 | -117.118853 | 5.79635417 | 32.67017 | -117.122987 | 5.96355324 | 32.6724 | -117.122627 |
| 5.6300463 | 32.671767 | -117.118880 | 5.79653935 | 32.67019 | -117.12296 | 5.96377315 | 32.67239 | -117.122653 |
| 5.6302199 | 32.671767 | -117.118880 | 5.79671296 | 32.6702 | -117.122933 | 5.96388889 | 32.67239 | -117.122653 |
| 5.6303819 | 32.671767 | -117.118880 | 5.79688657 | 32.6702 | -117.122933 | 5.9640625 | 32.67239 | -117.122667 |
| 5.6305556 | 32.671767 | -117.118880 | 5.79704861 | 32.67021 | -117.12292 | 5.96423611 | 32.67239 | -117.122667 |
| 5.6307292 | 32.671760 | -117.118893 | 5.79722222 | 32.67021 | -117.122907 | 5.96440972 | 32.67239 | -117.122693 |
| 5.6309144 | 32.671760 | -117.118893 | 5.79739583 | 32.67021 | -117.12288 | 5.96459491 | 32.67238 | -117.12272 |
| 5.6314236 | 32.671740 | -117.118933 | 5.79756944 | 32.67021 | -117.122867 | 5.96476852 | 32.67238 | -117.122733 |
| 5.6315972 | 32.671740 | -117.118933 | 5.79774306 | 32.67021 | -117.122853 | 5.96494213 | 32.67238 | -117.122733 |
| 5.6317708 | 32.671737 | -117.118933 | 5.79791667 | 32.67021 | -117.12284 | 5.96511574 | 32.67238 | -117.122733 |
| 5.6319444 | 32.671737 | -117.118933 | 5.79809028 | 32.67022 | -117.122813 | 5.96534722 | 32.67238 | -117.12276 |
| 5.6321181 | 32.671733 | -117.118933 | 5.79826389 | 32.67023 | -117.122813 | 5.96545139 | 32.67238 | -117.12276 |
| 5.6322917 | 32.671733 | -117.118933 | 5.7984375 | 32.67023 | -117.1228 | 5.96563657 | 32.67237 | -117.12276 |
| 5.6324653 | 32.671717 | -117.119000 | 5.79861111 | 32.67023 | -117.1228 | 5.96581019 | 32.67237 | -117.12276 |
| 5.6326389 | 32.671713 | -117.119000 | 5.79878472 | 32.67022 | -117.122787 | 5.9659838 | 32.67237 | -117.12276 |
| 5.6328125 | 32.671713 | -117.119000 | 5.79900463 | 32.67022 | -117.12276 | 5.96650463 | 32.67237 | -117.12276 |
| 5.6329977 | 32.671713 | -117.119000 | 5.79913194 | 32.67021 | -117.12276 | 5.96667824 | 32.67236 | -117.122787 |
| 5.6331713 | 32.671707 | -117.119000 | 5.79930556 | 32.67022 | -117.12276 | 5.96685185 | 32.67236 | -117.122787 |
| 5.6333449 | 32.671707 | -117.119000 | 5.80001157 | 32.67022 | -117.122733 | 5.96702546 | 32.67236 | -117.122787 |
| 5.6335069 | 32.671693 | -117.119027 | 5.80018519 | 32.67024 | -117.12272 | 5.9671875 | 32.67236 | -117.122787 |
| 5.6336806 | 32.671693 | -117.119040 | 5.8003588 | 32.67023 | -117.122693 | 5.96736111 | 32.67236 | -117.122787 |
| 5.6338657 | 32.671693 | -117.119040 | 5.80053241 | 32.67024 | -117.122693 | 5.96753472 | 32.67236 | -117.122787 |
| 5.6340394 | 32.671687 | -117.119053 | 5.80070602 | 32.67025 | -117.122667 | 5.96770833 | 32.67235 | -117.122787 |
| 5.6342130 | 32.671670 | -117.119053 | 5.80087963 | 32.67025 | -117.122667 | 5.96797454 | 32.67234 | -117.1228 |
| 5.6343750 | 32.671627 | -117.119120 | 5.80105324 | 32.67025 | -117.122653 | 5.9680787 | 32.67234 | -117.1228 |
| 5.6345486 | 32.671610 | -117.119147 | 5.80121528 | 32.67026 | -117.12264 | 5.96822917 | 32.67233 | -117.122813 |
| 5.6347222 | 32.671610 | -117.119147 | 5.80138889 | 32.67028 | -117.122613 | 5.9684375 | 32.67233 | -117.122813 |
| 5.6359491 | 32.671597 | -117.119147 | 5.8015625 | 32.6703 | -117.122613 | 5.96858796 | 32.67233 | -117.122813 |
| 5.6361227 | 32.671577 | -117.119187 | 5.80173611 | 32.6703 | -117.122613 | 5.96875 | 32.67232 | -117.122853 |
| 5.6362963 | 32.671577 | -117.119187 | 5.80190972 | 32.67031 | -117.122587 | 5.96892361 | 32.6723 | -117.12288 |
| 5.6364699 | 32.671573 | -117.119187 | 5.80208333 | 32.67031 | -117.12256 | 5.96909722 | 32.67229 | -117.122907 |
| 5.6366319 | 32.671573 | -117.119187 | 5.80225694 | 32.67031 | -117.122547 | 5.96927083 | 32.6723 | -117.12292 |
| 5.6368056 | 32.671563 | -117.119200 | 5.80247685 | 32.67032 | -117.12252 | 5.96944444 | 32.67229 | -117.122947 |
| 5.6369792 | 32.671550 | -117.119200 | 5.80260417 | 32.67032 | -117.12252 | 5.96961806 | 32.67228 | -117.12296 |
| 5.6371528 | 32.671547 | -117.119200 | 5.80277778 | 32.67032 | -117.12252 | 5.96979167 | 32.67226 | -117.12296 |
| 5.6373264 | 32.671540 | -117.119200 | 5.80295139 | 32.67032 | -117.12252 | 5.97084491 | 32.67222 | -117.122987 |
| 5.6375000 | 32.671537 | -117.119227 | 5.803125 | 32.67032 | -117.12252 | 5.97101852 | 32.67221 | -117.122987 |
| 5.6376736 | 32.671527 | -117.119253 | 5.80331019 | 32.67032 | -117.12252 | 5.97119213 | 32.6722 | -117.123 |
| 5.6378588 | 32.671527 | -117.119253 | 5.80381944 | 32.67032 | -117.12252 | 5.97135417 | 32.67218 | -117.123 |
| 5.6380324 | 32.671520 | -117.119253 | 5.80399306 | 32.67032 | -117.12252 | 5.97152778 | 32.67217 | -117.123 |
| 5.6382060 | 32.671520 | -117.119253 | 5.80416667 | 32.67032 | -117.122507 | 5.97170139 | 32.67216 | -117.123 |
| 5.6383681 | 32.671483 | -117.119293 | 5.80434028 | 32.67033 | -117.122507 | 5.971875 | 32.67216 | -117.123 |
| 5.6385417 | 32.671447 | -117.119333 | 5.80451389 | 32.67033 | -117.122507 | 5.97206019 | 32.67216 | -117.123 |
| 5.6387153 | 32.671447 | -117.119333 | 5.8046875 | 32.67033 | -117.122507 | 5.9722338 | 32.67215 | -117.123 |
| 5.6388889 | 32.671443 | -117.119333 | 5.80486111 | 32.67033 | -117.122507 | 5.97239583 | 32.67215 | -117.123013 |
| 5.6390625 | 32.671440 | -117.119347 | 5.80503472 | 32.67033 | -117.122493 | 5.97256944 | 32.67214 | -117.123013 |
| 5.6392361 | 32.671440 | -117.119347 | 5.80520833 | 32.67033 | -117.122493 | 5.97274306 | 32.67214 | -117.123013 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6397569 | 32.671420 | -117.119373 | 5.80538194 | 32.67033 | -117.12248 | 5.97291667 | 32.67214 | -117.123013 |
| 5.6399421 | 32.671400 | -117.119400 | 5.80555556 | 32.67033 | -117.122467 | 5.97309028 | 32.67214 | -117.123013 |
| 5.6401157 | 32.671357 | -117.119453 | 5.80572917 | 32.67034 | -117.122467 | 5.97326389 | 32.67214 | -117.123013 |
| 5.6402894 | 32.671357 | -117.119453 | 5.80590278 | 32.67035 | -117.122427 | 5.9734375 | 32.67214 | -117.123013 |
| 5.6404514 | 32.671353 | -117.119453 | 5.80608796 | 32.67036 | -117.1224 | 5.97361111 | 32.67214 | -117.123013 |
| 5.6406250 | 32.671350 | -117.119453 | 5.80626157 | 32.67037 | -117.1224 | 5.9737963 | 32.67214 | -117.123027 |
| 5.6407986 | 32.671350 | -117.119453 | 5.80643519 | 32.67037 | -117.122373 | 5.97396991 | 32.67214 | -117.123027 |
| 5.6409722 | 32.671347 | -117.119453 | 5.8066088 | 32.67036 | -117.122373 | 5.97414352 | 32.67213 | -117.123027 |
| 5.6411921 | 32.671347 | -117.119453 | 5.80678241 | 32.67037 | -117.122373 | 5.97465278 | 32.67213 | -117.123027 |
| 5.6413194 | 32.671343 | -117.119453 | 5.80695602 | 32.67037 | -117.12236 | 5.97482639 | 32.67212 | -117.123053 |
| 5.6415046 | 32.671343 | -117.119467 | 5.80712963 | 32.67037 | -117.122347 | 5.9750463 | 32.67212 | -117.12308 |
| 5.6416782 | 32.671320 | -117.119480 | 5.80763889 | 32.67037 | -117.122347 | 5.97523148 | 32.67212 | -117.123093 |
| 5.6418519 | 32.671317 | -117.119480 | 5.8078125 | 32.67037 | -117.122347 | 5.9753588 | 32.67211 | -117.123093 |
| 5.6420255 | 32.671313 | -117.119480 | 5.80798611 | 32.67037 | -117.122347 | 5.97553241 | 32.67211 | -117.123093 |
| 5.6421875 | 32.671313 | -117.119480 | 5.80815972 | 32.67037 | -117.122347 | 5.97570602 | 32.67212 | -117.12308 |
| 5.6423611 | 32.671283 | -117.119493 | 5.80833333 | 32.67038 | -117.122333 | 5.97597222 | 32.67214 | -117.123093 |
| 5.6425347 | 32.671283 | -117.119493 | 5.80851852 | 32.67038 | -117.12232 | 5.97605324 | 32.67214 | -117.12308 |
| 5.6427083 | 32.671283 | -117.119493 | 5.80869213 | 32.67038 | -117.12232 | 5.97622685 | 32.67214 | -117.12308 |
| 5.6428819 | 32.671283 | -117.119493 | 5.80886574 | 32.67038 | -117.12232 | 5.97638889 | 32.67215 | -117.123093 |
| 5.6430671 | 32.671270 | -117.119520 | 5.80903935 | 32.67039 | -117.12232 | 5.9765625 | 32.67214 | -117.123107 |
| 5.6441319 | 32.671167 | -117.119587 | 5.80921296 | 32.67039 | -117.12228 | 5.97673611 | 32.67212 | -117.123107 |
| 5.6442824 | 32.671153 | -117.119587 | 5.80938657 | 32.6704 | -117.122267 | 5.97690972 | 32.67209 | -117.123133 |
| 5.6444444 | 32.671153 | -117.119587 | 5.80956019 | 32.6704 | -117.122267 | 5.97708333 | 32.67209 | -117.123133 |
| 5.6446181 | 32.671150 | -117.119587 | 5.8097338 | 32.6704 | -117.122253 | 5.97726852 | 32.67208 | -117.123133 |
| 5.6448032 | 32.671150 | -117.119587 | 5.80990741 | 32.6704 | -117.122227 | 5.97744213 | 32.67208 | -117.123133 |
| 5.6449769 | 32.671147 | -117.119587 | 5.81008102 | 32.67042 | -117.122213 | 5.97761574 | 32.67207 | -117.123133 |
| 5.6451389 | 32.671127 | -117.119600 | 5.81025463 | 32.67042 | -117.1222 | 5.97778935 | 32.67206 | -117.123133 |
| 5.6453125 | 32.671110 | -117.119613 | 5.81042824 | 32.67042 | -117.122187 | 5.97795139 | 32.67206 | -117.123133 |
| 5.6454977 | 32.671103 | -117.119613 | 5.81060185 | 32.67044 | -117.122173 | 5.97935185 | 32.67204 | -117.123133 |
| 5.6456713 | 32.671087 | -117.119627 | 5.81077546 | 32.67044 | -117.122147 | 5.97952546 | 32.67204 | -117.123133 |
| 5.6458333 | 32.671070 | -117.119667 | 5.81094907 | 32.67045 | -117.122133 | 5.97976852 | 32.67203 | -117.123133 |
| 5.6460069 | 32.671067 | -117.119667 | 5.81145833 | 32.67047 | -117.122067 | 5.97987269 | 32.67203 | -117.123133 |
| 5.6461921 | 32.671043 | -117.119667 | 5.81163194 | 32.67048 | -117.122053 | 5.9800463 | 32.67203 | -117.123133 |
| 5.6463657 | 32.671043 | -117.119667 | 5.81180556 | 32.67048 | -117.122027 | 5.98021991 | 32.67202 | -117.123107 |
| 5.6465509 | 32.671040 | -117.119667 | 5.81197917 | 32.67049 | -117.122 | 5.98038194 | 32.67202 | -117.123107 |
| 5.6467014 | 32.671040 | -117.119667 | 5.81215278 | 32.6705 | -117.122 | 5.98055556 | 32.67201 | -117.123107 |
| 5.6468750 | 32.671037 | -117.119667 | 5.81232639 | 32.67051 | -117.122 | 5.98072917 | 32.67201 | -117.123107 |
| 5.6470486 | 32.671020 | -117.119680 | 5.8125 | 32.67051 | -117.121987 | 5.98090278 | 32.67204 | -117.123133 |
| 5.6472222 | 32.671017 | -117.119680 | 5.81267361 | 32.67051 | -117.121987 | 5.98107639 | 32.67205 | -117.123147 |
| 5.6473958 | 32.671017 | -117.119680 | 5.81284722 | 32.67052 | -117.121947 | 5.98126157 | 32.67206 | -117.123147 |
| 5.6477431 | 32.670907 | -117.119787 | 5.81302083 | 32.67053 | -117.121947 | 5.98143519 | 32.67206 | -117.123147 |
| 5.6479167 | 32.670850 | -117.119840 | 5.81319444 | 32.67054 | -117.121947 | 5.98163194 | 32.67206 | -117.123147 |
| 5.6480903 | 32.670827 | -117.119853 | 5.81336806 | 32.67054 | -117.12192 | 5.98178241 | 32.67206 | -117.123147 |
| 5.6482639 | 32.670827 | -117.119853 | 5.81354167 | 32.67055 | -117.121907 | 5.98194444 | 32.67205 | -117.123147 |
| 5.6484375 | 32.670817 | -117.119867 | 5.81371528 | 32.67055 | -117.121907 | 5.98211806 | 32.67205 | -117.123147 |
| 5.6486111 | 32.670803 | -117.119867 | 5.81388889 | 32.67055 | -117.121907 | 5.98229167 | 32.67205 | -117.123147 |
| 5.6487963 | 32.670790 | -117.119867 | 5.8140625 | 32.67055 | -117.121893 | 5.98246528 | 32.67205 | -117.123147 |
| 5.6489583 | 32.670790 | -117.119867 | 5.81423611 | 32.67055 | -117.121893 | 5.98263889 | 32.67205 | -117.123147 |
| 5.6491319 | 32.670763 | -117.119907 | 5.81440972 | 32.67055 | -117.121893 | 5.98298611 | 32.67202 | -117.123133 |
| 5.6493056 | 32.670753 | -117.119920 | 5.81458333 | 32.67055 | -117.121893 | 5.98320602 | 32.67201 | -117.123107 |
| 5.6494792 | 32.670753 | -117.119920 | 5.81475694 | 32.67055 | -117.121893 | 5.98333333 | 32.67201 | -117.123093 |
| 5.6496644 | 32.670753 | -117.119920 | 5.8175463 | 32.67063 | -117.121773 | 5.98350694 | 32.67198 | -117.12308 |
| 5.6498380 | 32.670747 | -117.119920 | 5.81771991 | 32.67065 | -117.121733 | 5.98368056 | 32.67198 | -117.123067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6500116 | 32.670747 | -117.119920 | 5.81789352 | 32.67066 | -117.121733 | 5.98386574 | 32.67197 | -117.123067 |
| 5.6502199 | 32.670747 | -117.119920 | 5.81806713 | 32.67066 | -117.121733 | 5.98403935 | 32.67197 | -117.123053 |
| 5.6503472 | 32.670743 | -117.119920 | 5.81824074 | 32.67067 | -117.121707 | 5.98420139 | 32.67197 | -117.123053 |
| 5.6505208 | 32.670743 | -117.119920 | 5.81840278 | 32.67067 | -117.121707 | 5.984375 | 32.67196 | -117.123053 |
| 5.6506944 | 32.670743 | -117.119920 | 5.81857639 | 32.67068 | -117.121693 | 5.98454861 | 32.67196 | -117.123053 |
| 5.6508796 | 32.670740 | -117.119920 | 5.81875 | 32.67068 | -117.121693 | 5.98475694 | 32.67196 | -117.123053 |
| 5.6513889 | 32.670700 | -117.119973 | 5.81892361 | 32.67068 | -117.121693 | 5.98490741 | 32.67196 | -117.123053 |
| 5.6515625 | 32.670700 | -117.119973 | 5.81909722 | 32.67069 | -117.121667 | 5.98509259 | 32.67196 | -117.123053 |
| 5.6517361 | 32.670680 | -117.120000 | 5.81927083 | 32.67069 | -117.121667 | 5.98524306 | 32.67196 | -117.123053 |
| 5.6519097 | 32.670673 | -117.120000 | 5.81944444 | 32.67069 | -117.121667 | 5.98541667 | 32.67195 | -117.123053 |
| 5.6520833 | 32.670673 | -117.120013 | 5.81961806 | 32.67069 | -117.121667 | 5.98559028 | 32.67195 | -117.123027 |
| 5.6522569 | 32.670673 | -117.120013 | 5.81980324 | 32.67069 | -117.121653 | 5.98576389 | 32.67195 | -117.123027 |
| 5.6524306 | 32.670673 | -117.120013 | 5.81997685 | 32.6707 | -117.121653 | 5.9859375 | 32.67195 | -117.123027 |
| 5.6526042 | 32.670670 | -117.120013 | 5.82015046 | 32.67072 | -117.121653 | 5.98611111 | 32.67195 | -117.123027 |
| 5.6527778 | 32.670660 | -117.120013 | 5.82032407 | 32.67073 | -117.121627 | 5.98680556 | 32.67194 | -117.123013 |
| 5.6529630 | 32.670650 | -117.120053 | 5.82059028 | 32.67073 | -117.1216 | 5.98697917 | 32.67194 | -117.123013 |
| 5.6531366 | 32.670650 | -117.120053 | 5.8206713 | 32.67073 | -117.1216 | 5.98716435 | 32.67194 | -117.123013 |
| 5.6533102 | 32.670650 | -117.120053 | 5.82084491 | 32.67075 | -117.121587 | 5.98732639 | 32.67194 | -117.123013 |
| 5.6534954 | 32.670643 | -117.120067 | 5.82240741 | 32.67085 | -117.121453 | 5.9875 | 32.67194 | -117.123013 |
| 5.6536458 | 32.670630 | -117.120080 | 5.82258102 | 32.67086 | -117.121453 | 5.98777778 | 32.67194 | -117.123013 |
| 5.6538194 | 32.670627 | -117.120080 | 5.82274306 | 32.67087 | -117.12144 | 5.9878588 | 32.67194 | -117.123013 |
| 5.6539931 | 32.670627 | -117.120107 | 5.82291667 | 32.67087 | -117.121413 | 5.98803241 | 32.67194 | -117.123013 |
| 5.6541667 | 32.670623 | -117.120107 | 5.82309028 | 32.67088 | -117.121413 | 5.98820602 | 32.67194 | -117.123013 |
| 5.6543403 | 32.670623 | -117.120107 | 5.82326389 | 32.67088 | -117.121413 | 5.98837963 | 32.67194 | -117.123013 |
| 5.6545139 | 32.670623 | -117.120107 | 5.8234375 | 32.67088 | -117.121413 | 5.98855324 | 32.67194 | -117.123013 |
| 5.6546875 | 32.670623 | -117.120107 | 5.82361111 | 32.67088 | -117.121413 | 5.98872685 | 32.67194 | -117.123013 |
| 5.6552083 | 32.670587 | -117.120120 | 5.82378472 | 32.67088 | -117.121413 | 5.98888889 | 32.67194 | -117.123 |
| 5.6553819 | 32.670580 | -117.120120 | 5.82395833 | 32.67088 | -117.121413 | 5.9890625 | 32.67194 | -117.123 |
| 5.6555556 | 32.670580 | -117.120120 | 5.82417824 | 32.67088 | -117.121413 | 5.9893287 | 32.67194 | -117.123 |
| 5.6557292 | 32.670580 | -117.120120 | 5.82430556 | 32.67088 | -117.121413 | 5.98940972 | 32.67194 | -117.123 |
| 5.6559144 | 32.670577 | -117.120120 | 5.82452546 | 32.67088 | -117.121413 | 5.98958333 | 32.67194 | -117.123 |
| 5.6560880 | 32.670577 | -117.120120 | 5.82465278 | 32.67089 | -117.121413 | 5.98976852 | 32.67194 | -117.123 |
| 5.6562500 | 32.670573 | -117.120120 | 5.82491898 | 32.6709 | -117.121387 | 5.98994213 | 32.67193 | -117.12296 |
| 5.6564236 | 32.670557 | -117.120133 | 5.82502315 | 32.67091 | -117.121387 | 5.99011574 | 32.67193 | -117.122947 |
| 5.6565972 | 32.670553 | -117.120133 | 5.82517361 | 32.67091 | -117.121373 | 5.99087963 | 32.67192 | -117.12292 |
| 5.6567708 | 32.670550 | -117.120147 | 5.8253588 | 32.67091 | -117.12136 | 5.99097222 | 32.67192 | -117.12292 |
| 5.6569444 | 32.670550 | -117.120147 | 5.82553241 | 32.67091 | -117.12136 | 5.99114583 | 32.67192 | -117.12292 |
| 5.6571181 | 32.670537 | -117.120160 | 5.82570602 | 32.67093 | -117.121333 | 5.99134259 | 32.67191 | -117.122867 |
| 5.6573032 | 32.670527 | -117.120187 | 5.82743056 | 32.67099 | -117.121267 | 5.99150463 | 32.67191 | -117.122867 |
| 5.6574769 | 32.670527 | -117.120187 | 5.82760417 | 32.671 | -117.121267 | 5.99167824 | 32.67191 | -117.122867 |
| 5.6576505 | 32.670527 | -117.120187 | 5.82777778 | 32.671 | -117.121253 | 5.99184028 | 32.67191 | -117.122867 |
| 5.6578241 | 32.670523 | -117.120187 | 5.82795139 | 32.671 | -117.121253 | 5.99201389 | 32.67191 | -117.122867 |
| 5.6579977 | 32.670523 | -117.120187 | 5.828125 | 32.671 | -117.121253 | 5.99225694 | 32.67191 | -117.122867 |
| 5.6581713 | 32.670520 | -117.120187 | 5.82831019 | 32.671 | -117.121253 | 5.99236111 | 32.67191 | -117.122867 |
| 5.6583333 | 32.670520 | -117.120200 | 5.8284838 | 32.671 | -117.121253 | 5.9925463 | 32.67191 | -117.122853 |
| 5.6585069 | 32.670517 | -117.120200 | 5.82865741 | 32.67101 | -117.121253 | 5.99271991 | 32.67191 | -117.122853 |
| 5.6599537 | 32.670477 | -117.120253 | 5.82883102 | 32.67101 | -117.121253 | 5.99289352 | 32.67191 | -117.122853 |
| 5.6600810 | 32.670453 | -117.120267 | 5.8290625 | 32.67101 | -117.121253 | 5.99305556 | 32.67191 | -117.122853 |
| 5.6602546 | 32.670453 | -117.120267 | 5.82916667 | 32.67102 | -117.12124 | 5.99331019 | 32.6719 | -117.122853 |
| 5.6604282 | 32.670450 | -117.120267 | 5.82943287 | 32.67103 | -117.121227 | 5.99341435 | 32.6719 | -117.122853 |
| 5.6605903 | 32.670450 | -117.120267 | 5.82951389 | 32.67103 | -117.121227 | 5.99357639 | 32.6719 | -117.122853 |
| 5.6607639 | 32.670450 | -117.120267 | 5.8296875 | 32.67103 | -117.121227 | 5.99375 | 32.6719 | -117.122853 |
| 5.6609375 | 32.670450 | -117.120267 | 5.82986111 | 32.67103 | -117.121227 | 5.9940162 | 32.6719 | -117.122813 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6612037 | 32.670447 | -117.120267 | 5.83003472 | 32.67104 | -117.121227 | 5.99409722 | 32.6719 | -117.122813 |
| 5.6612847 | 32.670447 | -117.120267 | 5.83020833 | 32.67104 | -117.121227 | 5.9946875 | 32.6719 | -117.122813 |
| 5.6614583 | 32.670443 | -117.120267 | 5.83038194 | 32.67104 | -117.121227 | 5.99479167 | 32.6719 | -117.122813 |
| 5.6616319 | 32.670443 | -117.120267 | 5.83055556 | 32.67104 | -117.121227 | 5.99496528 | 32.67189 | -117.122813 |
| 5.6618056 | 32.670443 | -117.120267 | 5.83074074 | 32.67104 | -117.121227 | 5.99513889 | 32.67189 | -117.122813 |
| 5.6620602 | 32.670440 | -117.120267 | 5.83246528 | 32.67108 | -117.121213 | 5.99532407 | 32.67189 | -117.122813 |
| 5.6621644 | 32.670440 | -117.120267 | 5.83268519 | 32.67108 | -117.121213 | 5.99549769 | 32.67189 | -117.122813 |
| 5.6623495 | 32.670440 | -117.120280 | 5.8328125 | 32.67108 | -117.121213 | 5.99565972 | 32.67189 | -117.122813 |
| 5.6625000 | 32.670440 | -117.120280 | 5.83298611 | 32.67109 | -117.121213 | 5.99583333 | 32.67189 | -117.122813 |
| 5.6626736 | 32.670440 | -117.120280 | 5.83322917 | 32.67109 | -117.121213 | 5.99601852 | 32.67189 | -117.122813 |
| 5.6628472 | 32.670440 | -117.120280 | 5.83333333 | 32.67109 | -117.121213 | 5.99619213 | 32.67189 | -117.122813 |
| 5.6630208 | 32.670433 | -117.120280 | 5.83364583 | 32.67109 | -117.121187 | 5.99635417 | 32.67189 | -117.122813 |
| 5.6631944 | 32.670433 | -117.120280 | 5.83386574 | 32.67111 | -117.121187 | 5.99652778 | 32.67189 | -117.122813 |
| 5.6642361 | 32.670423 | -117.120280 | 5.83402778 | 32.67111 | -117.121187 | 5.99670139 | 32.67189 | -117.1228 |
| 5.6644213 | 32.670417 | -117.120280 | 5.83420139 | 32.67113 | -117.121173 | 5.996875 | 32.67189 | -117.1228 |
| 5.6645949 | 32.670417 | -117.120293 | 5.834375 | 32.67115 | -117.12116 | 5.99706019 | 32.67189 | -117.1228 |
| 5.6647685 | 32.670407 | -117.120307 | 5.83459491 | 32.67116 | -117.12116 | 5.9972338 | 32.67189 | -117.1228 |
| 5.6649306 | 32.670403 | -117.120307 | 5.83472222 | 32.67117 | -117.12116 | 5.99739583 | 32.67189 | -117.122787 |
| 5.6651042 | 32.670390 | -117.120333 | 5.83490741 | 32.67117 | -117.121147 | 5.99756944 | 32.67189 | -117.122773 |
| 5.6652778 | 32.670390 | -117.120333 | 5.83508102 | 32.67118 | -117.121147 | 5.99774306 | 32.67189 | -117.12276 |
| 5.6654514 | 32.670387 | -117.120333 | 5.8353125 | 32.67119 | -117.121147 | 5.99791667 | 32.67189 | -117.12276 |
| 5.6656250 | 32.670387 | -117.120333 | 5.83541667 | 32.6712 | -117.121147 | 5.99930556 | 32.67189 | -117.122733 |
| 5.6658102 | 32.670387 | -117.120333 | 5.83559028 | 32.67121 | -117.121147 | 5.99956019 | 32.67188 | -117.122733 |
| 5.6659838 | 32.670387 | -117.120333 | 5.83585648 | 32.67123 | -117.12112 | 5.99966435 | 32.67188 | -117.122733 |
| 5.6661458 | 32.670387 | -117.120333 | 5.8359375 | 32.67123 | -117.12112 | 5.99983796 | 32.67188 | -117.122733 |
| 5.6663194 | 32.670383 | -117.120347 | 5.83645833 | 32.67125 | -117.12112 | 6 | 32.67188 | -117.122733 |
| 5.6665046 | 32.670383 | -117.120347 | 5.83663194 | 32.67125 | -117.12112 | 6.00017361 | 32.67188 | -117.12272 |
| 5.6667708 | 32.670367 | -117.120347 | 5.83680556 | 32.67125 | -117.12112 | 6.0003588 | 32.67188 | -117.12272 |
| 5.6668519 | 32.670367 | -117.120347 | 5.83699074 | 32.67125 | -117.12112 | 6.00053241 | 32.67188 | -117.12272 |
| 5.6670255 | 32.670360 | -117.120347 | 5.83716435 | 32.67126 | -117.12112 | 6.00070602 | 32.67188 | -117.12272 |
| 5.6671991 | 32.670360 | -117.120347 | 5.83733796 | 32.67126 | -117.12112 | 6.00086806 | 32.67188 | -117.12272 |
| 5.6673611 | 32.670360 | -117.120347 | 5.83751157 | 32.67126 | -117.12112 | 6.00104167 | 32.67188 | -117.12272 |
| 5.6682407 | 32.670357 | -117.120347 | 5.83768519 | 32.67126 | -117.12112 | 6.00121528 | 32.67188 | -117.12272 |
| 5.6684144 | 32.670353 | -117.120347 | 5.83784722 | 32.67126 | -117.12112 | 6.00138889 | 32.67188 | -117.122707 |
| 5.6685764 | 32.670353 | -117.120347 | 5.83802083 | 32.67126 | -117.12112 | 6.00162037 | 32.67188 | -117.122707 |
| 5.6687500 | 32.670353 | -117.120347 | 5.83819444 | 32.67127 | -117.12112 | 6.00174769 | 32.67188 | -117.122693 |
| 5.6689236 | 32.670350 | -117.120347 | 5.83836806 | 32.67128 | -117.12112 | 6.0019213 | 32.67188 | -117.122693 |
| 5.6690972 | 32.670350 | -117.120347 | 5.83855324 | 32.67128 | -117.12112 | 6.00209491 | 32.67188 | -117.122693 |
| 5.6692708 | 32.670320 | -117.120373 | 5.83875 | 32.67128 | -117.12112 | 6.00226852 | 32.67188 | -117.122693 |
| 5.6694444 | 32.670320 | -117.120373 | 5.83890046 | 32.67128 | -117.12112 | 6.00243056 | 32.67188 | -117.122667 |
| 5.6696181 | 32.670320 | -117.120373 | 5.83909722 | 32.67129 | -117.121107 | 6.00265046 | 32.67188 | -117.122667 |
| 5.6697917 | 32.670320 | -117.120373 | 5.83924769 | 32.6713 | -117.121107 | 6.00434028 | 32.67188 | -117.122653 |
| 5.6699653 | 32.670317 | -117.120373 | 5.83946759 | 32.6713 | -117.121107 | 6.00451389 | 32.67188 | -117.122627 |
| 5.6701389 | 32.670317 | -117.120373 | 5.83959491 | 32.6713 | -117.121107 | 6.0046875 | 32.67188 | -117.122613 |
| 5.6703241 | 32.670317 | -117.120373 | 5.83986111 | 32.67131 | -117.121107 | 6.00486111 | 32.67188 | -117.122507 |
| 5.6704977 | 32.670310 | -117.120373 | 5.84097222 | 32.67134 | -117.12108 | 6.00503472 | 32.67188 | -117.122467 |
| 5.6706713 | 32.670310 | -117.120373 | 5.84114583 | 32.67136 | -117.12108 | 6.00520833 | 32.67188 | -117.122467 |
| 5.6708449 | 32.670310 | -117.120373 | 5.84131944 | 32.67136 | -117.12108 | 6.00539352 | 32.67188 | -117.122467 |
| 5.6710185 | 32.670293 | -117.120400 | 5.84149306 | 32.67138 | -117.12108 | 6.00556713 | 32.67188 | -117.122467 |
| 5.6711921 | 32.670283 | -117.120360 | 5.84175926 | 32.67139 | -117.12108 | 6.00572917 | 32.67188 | -117.122467 |
| 5.6713657 | 32.670273 | -117.120400 | 5.84184028 | 32.67139 | -117.121067 | 6.00590278 | 32.67188 | -117.122467 |
| 5.6715394 | 32.670280 | -117.120373 | 5.84201389 | 32.6714 | -117.121067 | 6.00607639 | 32.67188 | -117.122467 |
| 5.6720486 | 32.670267 | -117.120400 | 5.8421875 | 32.67141 | -117.121067 | 6.00626157 | 32.67188 | -117.122467 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6722222 | 32.670273 | -117.120400 | 5.84236111 | 32.67141 | -117.121067 | 6.00643519 | 32.67188 | -117.122467 |
| 5.6723958 | 32.670273 | -117.120400 | 5.84253472 | 32.67142 | -117.121067 | 6.00659722 | 32.67188 | -117.122467 |
| 5.6725694 | 32.670273 | -117.120400 | 5.84270833 | 32.67142 | -117.121067 | 6.00677083 | 32.67188 | -117.122467 |
| 5.6727431 | 32.670273 | -117.120400 | 5.84288194 | 32.67142 | -117.121067 | 6.00696759 | 32.67188 | -117.122467 |
| 5.6729167 | 32.670273 | -117.120400 | 5.84306713 | 32.67142 | -117.121067 | 6.00711806 | 32.67188 | -117.122467 |
| 5.6731019 | 32.670273 | -117.120400 | 5.84324074 | 32.67142 | -117.121067 | 6.00729167 | 32.67188 | -117.12244 |
| 5.6732755 | 32.670273 | -117.120400 | 5.84340278 | 32.67142 | -117.121067 | 6.00746528 | 32.67188 | -117.12244 |
| 5.6734491 | 32.670273 | -117.120400 | 5.84357639 | 32.67143 | -117.121067 | 6.00763889 | 32.67188 | -117.12244 |
| 5.6736227 | 32.670273 | -117.120400 | 5.84375 | 32.67143 | -117.121067 | 6.00850694 | 32.67188 | -117.122413 |
| 5.6737963 | 32.670273 | -117.120400 | 5.84396991 | 32.67143 | -117.121067 | 6.00872685 | 32.67188 | -117.122413 |
| 5.6739699 | 32.670273 | -117.120400 | 5.84409722 | 32.67143 | -117.121067 | 6.00885417 | 32.67188 | -117.122413 |
| 5.6741435 | 32.670273 | -117.120400 | 5.84427083 | 32.67144 | -117.121067 | 6.00903935 | 32.67188 | -117.1224 |
| 5.6743171 | 32.670273 | -117.120400 | 5.84461806 | 32.67144 | -117.121067 | 6.00921296 | 32.67188 | -117.122373 |
| 5.6744907 | 32.670267 | -117.120400 | 5.84479167 | 32.67144 | -117.121067 | 6.00938657 | 32.67189 | -117.12236 |
| 5.6746644 | 32.670267 | -117.120400 | 5.84496528 | 32.67145 | -117.121067 | 6.00956019 | 32.67189 | -117.122347 |
| 5.6748264 | 32.670257 | -117.120400 | 5.84513889 | 32.67146 | -117.121067 | 6.00972222 | 32.6719 | -117.122333 |
| 5.6750000 | 32.670243 | -117.120400 | 5.8453125 | 32.67147 | -117.121067 | 6.00989583 | 32.6719 | -117.12232 |
| 5.6751736 | 32.670243 | -117.120413 | 5.84549769 | 32.67148 | -117.121067 | 6.01006944 | 32.6719 | -117.12232 |
| 5.6762153 | 32.670247 | -117.120413 | 5.8456713 | 32.67148 | -117.121067 | 6.01024306 | 32.67191 | -117.12228 |
| 5.6763889 | 32.670267 | -117.120413 | 5.84584491 | 32.67148 | -117.121067 | 6.01042824 | 32.67191 | -117.122267 |
| 5.6765625 | 32.670283 | -117.120413 | 5.84607639 | 32.67148 | -117.121067 | 6.01060185 | 32.67191 | -117.122253 |
| 5.6767361 | 32.670283 | -117.120413 | 5.84618056 | 32.67148 | -117.121067 | 6.01077546 | 32.67192 | -117.122253 |
| 5.6769560 | 32.670283 | -117.120413 | 5.84635417 | 32.67149 | -117.121067 | 6.0109375 | 32.67192 | -117.122253 |
| 5.6770833 | 32.670283 | -117.120413 | 5.84652778 | 32.67149 | -117.121067 | 6.01111111 | 32.67192 | -117.122253 |
| 5.6772685 | 32.670283 | -117.120413 | 5.84670139 | 32.67149 | -117.121067 | 6.01128472 | 32.67192 | -117.122227 |
| 5.6774421 | 32.670283 | -117.120413 | 5.846875 | 32.67149 | -117.121067 | 6.01145833 | 32.67192 | -117.122227 |
| 5.6776042 | 32.670283 | -117.120413 | 5.84706019 | 32.6715 | -117.121067 | 6.01163194 | 32.67191 | -117.122227 |
| 5.6777778 | 32.670283 | -117.120413 | 5.84730324 | 32.67154 | -117.12108 | 6.01181713 | 32.67191 | -117.122227 |
| 5.6779514 | 32.670280 | -117.120413 | 5.84740741 | 32.67154 | -117.12108 | 6.01302083 | 32.67191 | -117.122213 |
| 5.6781250 | 32.670280 | -117.120413 | 5.84756944 | 32.67155 | -117.12108 | 6.01319444 | 32.67191 | -117.122213 |
| 5.6782986 | 32.670280 | -117.120413 | 5.84774306 | 32.67155 | -117.12108 | 6.01337963 | 32.67191 | -117.122213 |
| 5.6784722 | 32.670280 | -117.120413 | 5.84896991 | 32.67158 | -117.121067 | 6.01355324 | 32.67191 | -117.122213 |
| 5.6786458 | 32.670280 | -117.120413 | 5.84914352 | 32.67159 | -117.121067 | 6.01372685 | 32.67191 | -117.122213 |
| 5.6788194 | 32.670280 | -117.120413 | 5.84930556 | 32.67159 | -117.121067 | 6.01390046 | 32.67191 | -117.122213 |
| 5.6789931 | 32.670277 | -117.120413 | 5.84947917 | 32.67159 | -117.121067 | 6.01407407 | 32.67191 | -117.1222 |
| 5.6792014 | 32.670277 | -117.120427 | 5.84965278 | 32.67162 | -117.121067 | 6.01424769 | 32.67191 | -117.1222 |
| 5.6793519 | 32.670277 | -117.120427 | 5.84983796 | 32.67163 | -117.121067 | 6.0144213 | 32.67192 | -117.1222 |
| 5.6798611 | 32.670273 | -117.120427 | 5.85001157 | 32.67163 | -117.121067 | 6.01459491 | 32.67192 | -117.1222 |
| 5.6800347 | 32.670273 | -117.120427 | 5.85018519 | 32.67163 | -117.121067 | 6.01476852 | 32.67192 | -117.1222 |
| 5.6802083 | 32.670273 | -117.120427 | 5.8503588 | 32.67163 | -117.121067 | 6.01493056 | 32.67192 | -117.122187 |
| 5.6803935 | 32.670273 | -117.120440 | 5.85053241 | 32.67163 | -117.121067 | 6.01510417 | 32.67192 | -117.122187 |
| 5.6805671 | 32.670273 | -117.120440 | 5.85069444 | 32.67163 | -117.121067 | 6.01527778 | 32.67192 | -117.122187 |
| 5.6807407 | 32.670273 | -117.120440 | 5.85086806 | 32.67164 | -117.121067 | 6.01545139 | 32.67192 | -117.122187 |
| 5.6809722 | 32.670260 | -117.120453 | 5.85113426 | 32.67165 | -117.121067 | 6.015625 | 32.67192 | -117.122187 |
| 5.6810764 | 32.670260 | -117.120453 | 5.85121528 | 32.67165 | -117.121067 | 6.01579861 | 32.67192 | -117.122187 |
| 5.6812500 | 32.670260 | -117.120453 | 5.85138889 | 32.67165 | -117.121067 | 6.01597222 | 32.67192 | -117.122187 |
| 5.6814236 | 32.670250 | -117.120480 | 5.8515625 | 32.67166 | -117.121067 | 6.01614583 | 32.67192 | -117.122187 |
| 5.6815972 | 32.670240 | -117.120493 | 5.85173611 | 32.67166 | -117.121067 | 6.01631944 | 32.67192 | -117.122173 |
| 5.6817708 | 32.670237 | -117.120520 | 5.85190972 | 32.67166 | -117.121067 | 6.01684028 | 32.67192 | -117.122173 |
| 5.6819444 | 32.670230 | -117.120520 | 5.85209491 | 32.67167 | -117.121067 | 6.01701389 | 32.67191 | -117.122173 |
| 5.6821296 | 32.670230 | -117.120520 | 5.85226852 | 32.67167 | -117.121067 | 6.0171875 | 32.67191 | -117.122173 |
| 5.6823032 | 32.670230 | -117.120520 | 5.85364583 | 32.67169 | -117.121067 | 6.01736111 | 32.67191 | -117.122173 |
| 5.6824653 | 32.670230 | -117.120520 | 5.85381944 | 32.67169 | -117.121067 | 6.01753472 | 32.67191 | -117.122173 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6826389 | 32.670230 | -117.120520 | 5.85400463 | 32.67169 | -117.121067 | 6.01770833 | 32.67191 | -117.122147 |
| 5.6828125 | 32.670230 | -117.120520 | 5.85421296 | 32.67169 | -117.121067 | 6.01788194 | 32.67191 | -117.122147 |
| 5.6829861 | 32.670230 | -117.120520 | 5.85434028 | 32.6717 | -117.121067 | 6.01805556 | 32.67191 | -117.122147 |
| 5.6831597 | 32.670230 | -117.120520 | 5.85452546 | 32.6717 | -117.121067 | 6.01822917 | 32.67191 | -117.122147 |
| 5.6836921 | 32.670230 | -117.120520 | 5.85469907 | 32.6717 | -117.121067 | 6.01840278 | 32.67191 | -117.122147 |
| 5.6838542 | 32.670227 | -117.120520 | 5.85491898 | 32.6717 | -117.121067 | 6.01858796 | 32.67191 | -117.122147 |
| 5.6840278 | 32.670227 | -117.120520 | 5.8550463 | 32.67172 | -117.121067 | 6.01876157 | 32.67192 | -117.122133 |
| 5.6842014 | 32.670227 | -117.120520 | 5.85521991 | 32.67172 | -117.121067 | 6.01893519 | 32.67192 | -117.122133 |
| 5.6843866 | 32.670223 | -117.120547 | 5.85542824 | 32.67173 | -117.121067 | 6.0191088 | 32.67192 | -117.122133 |
| 5.6845602 | 32.670220 | -117.120560 | 5.85555556 | 32.67173 | -117.121067 | 6.01927083 | 32.67192 | -117.122133 |
| 5.6847222 | 32.670213 | -117.120587 | 5.85572917 | 32.67173 | -117.121067 | 6.01944444 | 32.67192 | -117.122133 |
| 5.6848958 | 32.670220 | -117.120587 | 5.85591435 | 32.67173 | -117.121067 | 6.01961806 | 32.67192 | -117.12212 |
| 5.6850694 | 32.670220 | -117.120587 | 5.85608796 | 32.67174 | -117.121067 | 6.01980324 | 32.67192 | -117.12212 |
| 5.6852431 | 32.670213 | -117.120587 | 5.8562963 | 32.67174 | -117.121067 | 6.01997685 | 32.67192 | -117.12212 |
| 5.6854282 | 32.670220 | -117.120587 | 5.85642361 | 32.67174 | -117.121067 | 6.02013889 | 32.67192 | -117.12212 |
| 5.6856019 | 32.670213 | -117.120587 | 5.85659722 | 32.67174 | -117.121067 | 6.02070602 | 32.67192 | -117.12212 |
| 5.6857755 | 32.670213 | -117.120587 | 5.85678241 | 32.6718 | -117.121067 | 6.02084491 | 32.67192 | -117.12212 |
| 5.6859375 | 32.670213 | -117.120587 | 5.85704861 | 32.67182 | -117.121067 | 6.02101852 | 32.67192 | -117.12212 |
| 5.6861111 | 32.670213 | -117.120587 | 5.85869213 | 32.67184 | -117.12104 | 6.02119213 | 32.67192 | -117.12212 |
| 5.6862847 | 32.670213 | -117.120587 | 5.85886574 | 32.67185 | -117.12104 | 6.02136574 | 32.67192 | -117.12212 |
| 5.6864583 | 32.670213 | -117.120587 | 5.85902778 | 32.67185 | -117.12104 | 6.02153935 | 32.67192 | -117.12212 |
| 5.6866319 | 32.670213 | -117.120587 | 5.85920139 | 32.67185 | -117.12104 | 6.02170139 | 32.67192 | -117.12212 |
| 5.6868056 | 32.670213 | -117.120587 | 5.859375 | 32.67185 | -117.12104 | 6.021875 | 32.67192 | -117.12212 |
| 5.6873264 | 32.670213 | -117.120587 | 5.85956019 | 32.67185 | -117.12104 | 6.02204861 | 32.67192 | -117.12212 |
| 5.6875000 | 32.670213 | -117.120587 | 5.8597338 | 32.67185 | -117.12104 | 6.02222222 | 32.67192 | -117.12212 |
| 5.6876736 | 32.670213 | -117.120587 | 5.85989583 | 32.67185 | -117.12104 | 6.02239583 | 32.67192 | -117.122107 |
| 5.6878472 | 32.670213 | -117.120587 | 5.86006944 | 32.67186 | -117.12104 | 6.02256944 | 32.67192 | -117.122107 |
| 5.6880208 | 32.670213 | -117.120587 | 5.86024306 | 32.67186 | -117.121027 | 6.02274306 | 32.67192 | -117.122107 |
| 5.6881944 | 32.670213 | -117.120587 | 5.86041667 | 32.67186 | -117.121027 | 6.02291667 | 32.67192 | -117.122107 |
| 5.6883796 | 32.670213 | -117.120587 | 5.86060185 | 32.67187 | -117.121027 | 6.02309028 | 32.67192 | -117.122107 |
| 5.6885532 | 32.670213 | -117.120587 | 5.86077546 | 32.67187 | -117.121027 | 6.02326389 | 32.67192 | -117.122107 |
| 5.6887269 | 32.670213 | -117.120587 | 5.86094907 | 32.67187 | -117.121027 | 6.02344907 | 32.67192 | -117.122107 |
| 5.6888889 | 32.670213 | -117.120587 | 5.86111111 | 32.67187 | -117.121027 | 6.02362269 | 32.67192 | -117.12208 |
| 5.6890625 | 32.670210 | -117.120587 | 5.86128472 | 32.67187 | -117.121027 | 6.0237963 | 32.67192 | -117.12208 |
| 5.6892361 | 32.670210 | -117.120587 | 5.86145833 | 32.67188 | -117.121027 | 6.02570602 | 32.67192 | -117.12208 |
| 5.6894444 | 32.670210 | -117.120587 | 5.86163194 | 32.67188 | -117.121027 | 6.02590278 | 32.67192 | -117.12208 |
| 5.6895949 | 32.670210 | -117.120587 | 5.86181713 | 32.67188 | -117.121027 | 6.02605324 | 32.67192 | -117.12208 |
| 5.6897569 | 32.670210 | -117.120587 | 5.86199074 | 32.67188 | -117.121027 | 6.02621528 | 32.67192 | -117.12208 |
| 5.6899306 | 32.670210 | -117.120587 | 5.86233796 | 32.67188 | -117.121013 | 6.02638889 | 32.67192 | -117.12208 |
| 5.6901042 | 32.670210 | -117.120587 | 5.86251157 | 32.67189 | -117.121013 | 6.0265625 | 32.67192 | -117.12208 |
| 5.6902778 | 32.670210 | -117.120587 | 5.86267361 | 32.67189 | -117.121013 | 6.02674769 | 32.67192 | -117.12208 |
| 5.6904514 | 32.670210 | -117.120587 | 5.86284722 | 32.67189 | -117.121013 | 6.0269213 | 32.67192 | -117.12208 |
| 5.6906250 | 32.670213 | -117.120587 | 5.86302083 | 32.67189 | -117.121013 | 6.02709491 | 32.67192 | -117.12208 |
| 5.6909838 | 32.670220 | -117.120587 | 5.86319444 | 32.6719 | -117.121013 | 6.02726852 | 32.67192 | -117.12208 |
| 5.6911574 | 32.670213 | -117.120587 | 5.86336806 | 32.6719 | -117.121013 | 6.02743056 | 32.67192 | -117.12208 |
| 5.6913310 | 32.670220 | -117.120587 | 5.86354167 | 32.6719 | -117.121013 | 6.02760417 | 32.67192 | -117.12208 |
| 5.6914931 | 32.670220 | -117.120587 | 5.86371528 | 32.6719 | -117.121013 | 6.02777778 | 32.67192 | -117.12208 |
| 5.6916667 | 32.670223 | -117.120587 | 5.8640162 | 32.6719 | -117.121013 | 6.02795139 | 32.67192 | -117.12208 |
| 5.6918403 | 32.670220 | -117.120587 | 5.86423611 | 32.6719 | -117.121013 | 6.028125 | 32.67192 | -117.12208 |
| 5.6920255 | 32.670213 | -117.120587 | 5.8644213 | 32.67191 | -117.121 | 6.02829861 | 32.67192 | -117.12208 |
| 5.6921875 | 32.670220 | -117.120587 | 5.86459491 | 32.67191 | -117.121 | 6.02847222 | 32.67192 | -117.12208 |
| 5.6923611 | 32.670213 | -117.120587 | 5.86480324 | 32.67191 | -117.121 | 6.02864583 | 32.67192 | -117.12208 |
| 5.6925347 | 32.670223 | -117.120573 | 5.86493056 | 32.67191 | -117.121 | 6.02881944 | 32.67192 | -117.12208 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6927199 | 32.670223 | -117.120573 | 5.86510417 | 32.67191 | -117.121 | 6.02899306 | 32.67192 | -117.12208 |
| 5.6928935 | 32.670223 | -117.120573 | 5.86527778 | 32.67191 | -117.121 | 6.02969907 | 32.67191 | -117.12208 |
| 5.6930671 | 32.670223 | -117.120573 | 5.86546296 | 32.67192 | -117.121 | 6.02986111 | 32.67191 | -117.12208 |
| 5.6932407 | 32.670223 | -117.120573 | 5.86563657 | 32.67192 | -117.121 | 6.03003472 | 32.67191 | -117.12208 |
| 5.6934144 | 32.670223 | -117.120573 | 5.86614583 | 32.67193 | -117.121 | 6.03020833 | 32.67191 | -117.12208 |
| 5.6935764 | 32.670227 | -117.120587 | 5.86631944 | 32.67193 | -117.121 | 6.03038194 | 32.67191 | -117.12208 |
| 5.6937500 | 32.670213 | -117.120587 | 5.86650463 | 32.67193 | -117.121 | 6.03055556 | 32.67191 | -117.12208 |
| 5.6939352 | 32.670210 | -117.120587 | 5.86667824 | 32.67193 | -117.121 | 6.03072917 | 32.67191 | -117.12208 |
| 5.6941088 | 32.670210 | -117.120587 | 5.86684028 | 32.67193 | -117.120973 | 6.03091435 | 32.67191 | -117.12208 |
| 5.6944444 | 32.670210 | -117.120587 | 5.86701389 | 32.67194 | -117.120973 | 6.03108796 | 32.67191 | -117.12208 |
| 5.6946181 | 32.670210 | -117.120587 | 5.8671875 | 32.67194 | -117.120973 | 6.0312963 | 32.67191 | -117.12208 |
| 5.6947917 | 32.670210 | -117.120587 | 5.86736111 | 32.67194 | -117.120973 | 6.03142361 | 32.67191 | -117.12208 |
| 5.6949653 | 32.670210 | -117.120587 | 5.86753472 | 32.67194 | -117.120973 | 6.03159722 | 32.67191 | -117.12208 |
| 5.6951389 | 32.670207 | -117.120587 | 5.86780093 | 32.67194 | -117.120973 | 6.03177083 | 32.6719 | -117.122067 |
| 5.6953125 | 32.670200 | -117.120587 | 5.86788194 | 32.67194 | -117.120973 | 6.03194444 | 32.6719 | -117.122067 |
| 5.6954977 | 32.670200 | -117.120560 | 5.86805556 | 32.67195 | -117.120973 | 6.03212963 | 32.6719 | -117.122067 |
| 5.6956713 | 32.670200 | -117.120547 | 5.86822917 | 32.67195 | -117.120973 | 6.03230324 | 32.6719 | -117.122067 |
| 5.6958796 | 32.670200 | -117.120547 | 5.86840278 | 32.67195 | -117.120973 | 6.03247685 | 32.6719 | -117.122067 |
| 5.6960069 | 32.670200 | -117.120547 | 5.86858796 | 32.67195 | -117.120973 | 6.03263889 | 32.6719 | -117.122067 |
| 5.6961806 | 32.670200 | -117.120547 | 5.86876157 | 32.67195 | -117.120973 | 6.0328125 | 32.6719 | -117.122067 |
| 5.6963542 | 32.670203 | -117.120547 | 5.86898148 | 32.67196 | -117.120973 | 6.03298611 | 32.6719 | -117.122053 |
| 5.6965394 | 32.670213 | -117.120520 | 5.8691088 | 32.67196 | -117.120973 | 6.03386574 | 32.6719 | -117.122053 |
| 5.6967130 | 32.670213 | -117.120507 | 5.86928241 | 32.67196 | -117.120973 | 6.03403935 | 32.6719 | -117.122053 |
| 5.6968750 | 32.670213 | -117.120493 | 5.86954861 | 32.67196 | -117.120973 | 6.03430556 | 32.6719 | -117.122053 |
| 5.6970486 | 32.670230 | -117.120507 | 5.87101852 | 32.67198 | -117.12096 | 6.03438657 | 32.6719 | -117.122053 |
| 5.6972338 | 32.670237 | -117.120480 | 5.87119213 | 32.67198 | -117.12096 | 6.03456019 | 32.6719 | -117.122053 |
| 5.6974074 | 32.670237 | -117.120453 | 5.87135417 | 32.67198 | -117.120947 | 6.03472222 | 32.67189 | -117.122053 |
| 5.6975810 | 32.670240 | -117.120453 | 5.87152778 | 32.67198 | -117.120947 | 6.03489583 | 32.67189 | -117.122053 |
| 5.6980903 | 32.670227 | -117.120453 | 5.87170139 | 32.67198 | -117.120947 | 6.03506944 | 32.67188 | -117.122053 |
| 5.6982639 | 32.670240 | -117.120453 | 5.871875 | 32.67198 | -117.120947 | 6.03524306 | 32.67188 | -117.12204 |
| 5.6984375 | 32.670240 | -117.120480 | 5.87204861 | 32.67198 | -117.120947 | 6.03541667 | 32.67188 | -117.12204 |
| 5.6986111 | 32.670240 | -117.120480 | 5.87226852 | 32.67198 | -117.120947 | 6.03560185 | 32.67188 | -117.12204 |
| 5.6987847 | 32.670243 | -117.120453 | 5.87240741 | 32.67198 | -117.120947 | 6.03577546 | 32.67188 | -117.12204 |
| 5.6989583 | 32.670237 | -117.120453 | 5.87258102 | 32.67199 | -117.120947 | 6.03594907 | 32.67188 | -117.12204 |
| 5.6991319 | 32.670230 | -117.120453 | 5.87274306 | 32.67199 | -117.120947 | 6.03612269 | 32.67188 | -117.12204 |
| 5.6993056 | 32.670227 | -117.120453 | 5.87291667 | 32.67199 | -117.120947 | 6.0362963 | 32.67188 | -117.122027 |
| 5.6994907 | 32.670227 | -117.120453 | 5.87310185 | 32.67199 | -117.120933 | 6.03646991 | 32.67188 | -117.122027 |
| 5.6996644 | 32.670237 | -117.120453 | 5.87336806 | 32.672 | -117.120933 | 6.03664352 | 32.67188 | -117.122 |
| 5.6998380 | 32.670237 | -117.120453 | 5.87344907 | 32.672 | -117.120933 | 6.03681713 | 32.67187 | -117.122 |
| 5.7000116 | 32.670237 | -117.120427 | 5.87361111 | 32.672 | -117.120933 | 6.03699074 | 32.67187 | -117.122 |
| 5.7001736 | 32.670243 | -117.120413 | 5.87378472 | 32.672 | -117.120933 | 6.03716435 | 32.67187 | -117.122 |
| 5.7003472 | 32.670240 | -117.120413 | 5.87403935 | 32.67201 | -117.120933 | 6.03819444 | 32.67186 | -117.122 |
| 5.7005324 | 32.670237 | -117.120440 | 5.87414352 | 32.67201 | -117.120933 | 6.03836806 | 32.67186 | -117.122 |
| 5.7007060 | 32.670240 | -117.120453 | 5.8743287 | 32.67201 | -117.120933 | 6.03854167 | 32.67186 | -117.122 |
| 5.7008796 | 32.670243 | -117.120453 | 5.875 | 32.67201 | -117.12092 | 6.03871528 | 32.67186 | -117.122 |
| 5.7010532 | 32.670257 | -117.120453 | 5.87517361 | 32.67201 | -117.12092 | 6.03888889 | 32.67186 | -117.122 |
| 5.7012269 | 32.670273 | -117.120480 | 5.87534722 | 32.67201 | -117.12092 | 6.0390625 | 32.67186 | -117.122 |
| 5.7022685 | 32.670357 | -117.120587 | 5.87553241 | 32.67201 | -117.12092 | 6.03923611 | 32.67185 | -117.122 |
| 5.7024421 | 32.670367 | -117.120600 | 5.87572917 | 32.67201 | -117.12092 | 6.03940972 | 32.67185 | -117.121987 |
| 5.7026620 | 32.670373 | -117.120627 | 5.8758912 | 32.67202 | -117.12092 | 6.03958333 | 32.67184 | -117.121973 |
| 5.7027894 | 32.670390 | -117.120653 | 5.87604167 | 32.67202 | -117.12092 | 6.03975694 | 32.67183 | -117.12196 |
| 5.7029630 | 32.670407 | -117.120653 | 5.87621528 | 32.67202 | -117.12092 | 6.03993056 | 32.67182 | -117.121947 |
| 5.7031366 | 32.670403 | -117.120667 | 5.87641204 | 32.67202 | -117.12092 | 6.04010417 | 32.67182 | -117.121947 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7033102 | 32.670393 | -117.120693 | 5.8765625 | 32.67202 | -117.120893 | 6.04027778 | 32.67182 | -117.121947 |
| 5.7034722 | 32.670383 | -117.120693 | 5.87673611 | 32.67202 | -117.120893 | 6.04045139 | 32.67182 | -117.121947 |
| 5.7036458 | 32.670367 | -117.120733 | 5.87690972 | 32.67202 | -117.120893 | 6.040625 | 32.67182 | -117.121947 |
| 5.7038194 | 32.670360 | -117.120747 | 5.87709491 | 32.67202 | -117.120893 | 6.04079861 | 32.67182 | -117.121947 |
| 5.7039931 | 32.670353 | -117.120747 | 5.87726852 | 32.67203 | -117.120893 | 6.04097222 | 32.67182 | -117.121947 |
| 5.7041667 | 32.670353 | -117.120787 | 5.87743056 | 32.67203 | -117.12088 | 6.04114583 | 32.67182 | -117.121947 |
| 5.7044329 | 32.670353 | -117.120840 | 5.87760417 | 32.67203 | -117.12088 | 6.04131944 | 32.67182 | -117.121947 |
| 5.7045370 | 32.670347 | -117.120853 | 5.8778588 | 32.67203 | -117.12088 | 6.04149306 | 32.67182 | -117.12192 |
| 5.7047454 | 32.670330 | -117.120880 | 5.87802083 | 32.67203 | -117.12088 | 6.04201389 | 32.67181 | -117.12192 |
| 5.7048727 | 32.670337 | -117.120893 | 5.878125 | 32.67203 | -117.12088 | 6.0421875 | 32.67181 | -117.12192 |
| 5.7050463 | 32.670337 | -117.120920 | 5.87832176 | 32.67203 | -117.12088 | 6.04236111 | 32.67181 | -117.12192 |
| 5.7052083 | 32.670337 | -117.120947 | 5.87900463 | 32.67204 | -117.120867 | 6.04253472 | 32.6718 | -117.121893 |
| 5.7053819 | 32.670340 | -117.120973 | 5.87917824 | 32.67204 | -117.120867 | 6.04270833 | 32.6718 | -117.12188 |
| 5.7055787 | 32.670330 | -117.121013 | 5.87935185 | 32.67204 | -117.120867 | 6.04288194 | 32.67179 | -117.121853 |
| 5.7078125 | 32.670287 | -117.121267 | 5.87952546 | 32.67204 | -117.120867 | 6.04305556 | 32.67178 | -117.121853 |
| 5.7079977 | 32.670280 | -117.121320 | 5.87969907 | 32.67204 | -117.120867 | 6.04322917 | 32.67178 | -117.121853 |
| 5.7081713 | 32.670273 | -117.121333 | 5.87996528 | 32.67205 | -117.120867 | 6.04340278 | 32.67177 | -117.121853 |
| 5.7083449 | 32.670273 | -117.121360 | 5.8800463 | 32.67205 | -117.120867 | 6.04357639 | 32.67177 | -117.121853 |
| 5.7086111 | 32.670267 | -117.121387 | 5.88020833 | 32.67205 | -117.120853 | 6.04375 | 32.67177 | -117.12184 |
| 5.7086806 | 32.670267 | -117.121387 | 5.88038194 | 32.67205 | -117.120853 | 6.04392361 | 32.67177 | -117.12184 |
| 5.7088542 | 32.670267 | -117.121400 | 5.88055556 | 32.67205 | -117.120853 | 6.04409722 | 32.67177 | -117.12184 |
| 5.7090394 | 32.670267 | -117.121413 | 5.88072917 | 32.67205 | -117.120853 | 6.04427083 | 32.67177 | -117.121827 |
| 5.7092130 | 32.670260 | -117.121440 | 5.88090278 | 32.67205 | -117.120853 | 6.04444444 | 32.67177 | -117.121827 |
| 5.7093750 | 32.670263 | -117.121453 | 5.88107639 | 32.67205 | -117.120853 | 6.04461806 | 32.67177 | -117.121827 |
| 5.7095486 | 32.670267 | -117.121467 | 5.88125 | 32.67206 | -117.120853 | 6.04479167 | 32.67177 | -117.121827 |
| 5.7097338 | 32.670267 | -117.121480 | 5.88142361 | 32.67206 | -117.120853 | 6.04496528 | 32.67177 | -117.121827 |
| 5.7099074 | 32.670277 | -117.121520 | 5.88159722 | 32.67206 | -117.12084 | 6.04515046 | 32.67175 | -117.1218 |
| 5.7100810 | 32.670283 | -117.121520 | 5.88178241 | 32.67206 | -117.12084 | 6.04532407 | 32.67175 | -117.1218 |
| 5.7102546 | 32.670287 | -117.121520 | 5.88195602 | 32.67206 | -117.12084 | 6.04583333 | 32.67175 | -117.1218 |
| 5.7104167 | 32.670287 | -117.121520 | 5.88211806 | 32.67206 | -117.12084 | 6.04600694 | 32.67174 | -117.12176 |
| 5.7105903 | 32.670287 | -117.121533 | 5.88229167 | 32.67206 | -117.12084 | 6.04618056 | 32.67174 | -117.121747 |
| 5.7107639 | 32.670297 | -117.121533 | 5.8831713 | 32.67207 | -117.120813 | 6.04635417 | 32.67174 | -117.121747 |
| 5.7109375 | 32.670297 | -117.121547 | 5.88333333 | 32.67207 | -117.120813 | 6.04652778 | 32.67174 | -117.121747 |
| 5.7128472 | 32.670417 | -117.121653 | 5.88350694 | 32.67207 | -117.120813 | 6.04670139 | 32.67174 | -117.121747 |
| 5.7130671 | 32.670430 | -117.121667 | 5.88368056 | 32.67208 | -117.120813 | 6.046875 | 32.67174 | -117.121747 |
| 5.7131944 | 32.670440 | -117.121667 | 5.88392361 | 32.67208 | -117.120813 | 6.04704861 | 32.67174 | -117.121733 |
| 5.7133681 | 32.670453 | -117.121653 | 5.88402778 | 32.67208 | -117.120813 | 6.04722222 | 32.67174 | -117.121707 |
| 5.7135417 | 32.670470 | -117.121667 | 5.88420139 | 32.67208 | -117.1208 | 6.04739583 | 32.67174 | -117.121707 |
| 5.7137153 | 32.670483 | -117.121667 | 5.88438657 | 32.67208 | -117.1208 | 6.04756944 | 32.67174 | -117.121707 |
| 5.7138889 | 32.670497 | -117.121680 | 5.88456019 | 32.67208 | -117.1208 | 6.04774306 | 32.67174 | -117.121707 |
| 5.7140625 | 32.670507 | -117.121680 | 5.88472222 | 32.67209 | -117.1208 | 6.04791667 | 32.67174 | -117.121707 |
| 5.7142477 | 32.670527 | -117.121693 | 5.88489583 | 32.67209 | -117.1208 | 6.04809028 | 32.67174 | -117.121707 |
| 5.7144213 | 32.670537 | -117.121680 | 5.88506944 | 32.67209 | -117.1208 | 6.04826389 | 32.67174 | -117.121693 |
| 5.7146065 | 32.670550 | -117.121693 | 5.88524306 | 32.67209 | -117.1208 | 6.0484375 | 32.67174 | -117.121693 |
| 5.7147569 | 32.670563 | -117.121693 | 5.88541667 | 32.67209 | -117.1208 | 6.04861111 | 32.67174 | -117.121693 |
| 5.7149306 | 32.670580 | -117.121707 | 5.88559028 | 32.67209 | -117.120787 | 6.04878472 | 32.67174 | -117.121693 |
| 5.7151042 | 32.670590 | -117.121707 | 5.88585648 | 32.67209 | -117.120787 | 6.04895833 | 32.67174 | -117.121693 |
| 5.7152778 | 32.670600 | -117.121707 | 5.8859375 | 32.67209 | -117.120787 | 6.04913194 | 32.67174 | -117.121693 |
| 5.7154514 | 32.670617 | -117.121707 | 5.88611111 | 32.67209 | -117.120787 | 6.04965278 | 32.67174 | -117.12168 |
| 5.7156250 | 32.670623 | -117.121707 | 5.88628472 | 32.6721 | -117.120787 | 6.04982639 | 32.67173 | -117.121667 |
| 5.7158102 | 32.670637 | -117.121707 | 5.88645833 | 32.6721 | -117.120787 | 6.05 | 32.67173 | -117.121667 |
| 5.7159954 | 32.670650 | -117.121707 | 5.88699074 | 32.67211 | -117.120773 | 6.05017361 | 32.67173 | -117.121667 |
| 5.7161458 | 32.670660 | -117.121707 | 5.88715278 | 32.67211 | -117.120773 | 6.05034722 | 32.67173 | -117.121667 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7189236 | 32.670857 | -117.121613 | 5.88732639 | 32.67211 | -117.120773 | 6.05052083 | 32.67173 | -117.121667 |
| 5.7190972 | 32.670863 | -117.121613 | 5.88753472 | 32.67211 | -117.120747 | 6.05069444 | 32.67173 | -117.121653 |
| 5.7192824 | 32.670867 | -117.121600 | 5.88768519 | 32.67211 | -117.120747 | 6.05086806 | 32.67173 | -117.121653 |
| 5.7194560 | 32.670870 | -117.121587 | 5.8878588 | 32.67212 | -117.120747 | 6.05104167 | 32.67173 | -117.121653 |
| 5.7196296 | 32.670873 | -117.121587 | 5.88802083 | 32.67212 | -117.120747 | 6.05121528 | 32.67173 | -117.121653 |
| 5.7198032 | 32.670883 | -117.121560 | 5.88819444 | 32.67212 | -117.120747 | 6.05138889 | 32.67173 | -117.121653 |
| 5.7200347 | 32.670887 | -117.121560 | 5.88836806 | 32.67212 | -117.120747 | 6.0515625 | 32.67173 | -117.121653 |
| 5.7201389 | 32.670890 | -117.121560 | 5.88854167 | 32.67212 | -117.120747 | 6.05173611 | 32.67172 | -117.121653 |
| 5.7203241 | 32.670890 | -117.121560 | 5.88872685 | 32.67212 | -117.120747 | 6.05190972 | 32.67172 | -117.121653 |
| 5.7204977 | 32.670890 | -117.121560 | 5.88890046 | 32.67212 | -117.120747 | 6.05208333 | 32.67172 | -117.121653 |
| 5.7206597 | 32.670893 | -117.121560 | 5.8890625 | 32.67212 | -117.120747 | 6.05225694 | 32.67172 | -117.121653 |
| 5.7208333 | 32.670893 | -117.121560 | 5.88923611 | 32.67212 | -117.120747 | 6.05243056 | 32.67172 | -117.121627 |
| 5.7210069 | 32.670893 | -117.121560 | 5.88947917 | 32.67213 | -117.120747 | 6.05260417 | 32.67172 | -117.121627 |
| 5.7211921 | 32.670893 | -117.121560 | 5.88958333 | 32.67213 | -117.120747 | 6.05277778 | 32.67172 | -117.121627 |
| 5.7214699 | 32.670903 | -117.121560 | 5.88984954 | 32.67213 | -117.120747 | 6.05295139 | 32.67172 | -117.121627 |
| 5.7215509 | 32.670910 | -117.121560 | 5.88994213 | 32.67213 | -117.120747 | 6.05434028 | 32.6717 | -117.12156 |
| 5.7217014 | 32.670907 | -117.121587 | 5.89011574 | 32.67213 | -117.120747 | 6.05451389 | 32.6717 | -117.12156 |
| 5.7218750 | 32.670913 | -117.121587 | 5.89027778 | 32.67213 | -117.120733 | 6.0546875 | 32.6717 | -117.12156 |
| 5.7220602 | 32.670913 | -117.121600 | 5.89079861 | 32.67214 | -117.120733 | 6.05486111 | 32.6717 | -117.121547 |
| 5.7229167 | 32.670903 | -117.121627 | 5.89097222 | 32.67214 | -117.120733 | 6.05503472 | 32.6717 | -117.121547 |
| 5.7230903 | 32.670900 | -117.121653 | 5.89114583 | 32.67214 | -117.120733 | 6.05520833 | 32.6717 | -117.121547 |
| 5.7232639 | 32.670900 | -117.121653 | 5.89133102 | 32.67214 | -117.120733 | 6.05538194 | 32.6717 | -117.121547 |
| 5.7234491 | 32.670900 | -117.121653 | 5.89150463 | 32.67214 | -117.120733 | 6.05555556 | 32.6717 | -117.121507 |
| 5.7236227 | 32.670900 | -117.121653 | 5.89167824 | 32.67214 | -117.120733 | 6.05572917 | 32.67169 | -117.121467 |
| 5.7237847 | 32.670900 | -117.121653 | 5.89185185 | 32.67215 | -117.120733 | 6.05590278 | 32.67168 | -117.121453 |
| 5.7239583 | 32.670900 | -117.121653 | 5.89202546 | 32.67215 | -117.12072 | 6.05607639 | 32.67168 | -117.121453 |
| 5.7241319 | 32.670900 | -117.121653 | 5.8921875 | 32.67215 | -117.12072 | 6.05625 | 32.67168 | -117.121453 |
| 5.7243056 | 32.670900 | -117.121667 | 5.89236111 | 32.67215 | -117.12072 | 6.05642361 | 32.67168 | -117.121453 |
| 5.7244792 | 32.670893 | -117.121680 | 5.89253472 | 32.67215 | -117.12072 | 6.05659722 | 32.67168 | -117.121453 |
| 5.7246528 | 32.670887 | -117.121693 | 5.89270833 | 32.67215 | -117.12072 | 6.05677083 | 32.67168 | -117.121453 |
| 5.7248264 | 32.670877 | -117.121707 | 5.89288194 | 32.67215 | -117.12072 | 6.05694444 | 32.67168 | -117.121453 |
| 5.7250000 | 32.670877 | -117.121707 | 5.89305556 | 32.67215 | -117.12072 | 6.05711806 | 32.67168 | -117.121453 |
| 5.7251736 | 32.670870 | -117.121733 | 5.89322917 | 32.67216 | -117.12072 | 6.05729167 | 32.67168 | -117.121453 |
| 5.7253588 | 32.670863 | -117.121747 | 5.89340278 | 32.67216 | -117.12072 | 6.05746528 | 32.67168 | -117.121453 |
| 5.7255324 | 32.670857 | -117.121760 | 5.89358796 | 32.67216 | -117.12072 | 6.05763889 | 32.67168 | -117.121453 |
| 5.7256944 | 32.670850 | -117.121800 | 5.89376157 | 32.67216 | -117.12072 | 6.0581713 | 32.67168 | -117.121453 |
| 5.7258681 | 32.670840 | -117.121800 | 5.89393519 | 32.67216 | -117.12072 | 6.05834491 | 32.67168 | -117.121453 |
| 5.7260417 | 32.670830 | -117.121800 | 5.8941088 | 32.67216 | -117.12072 | 6.05851852 | 32.67168 | -117.121453 |
| 5.7262731 | 32.670830 | -117.121827 | 5.89618056 | 32.67219 | -117.120693 | 6.05869213 | 32.67169 | -117.121453 |
| 5.7269097 | 32.670827 | -117.121893 | 5.89635417 | 32.6722 | -117.120693 | 6.05886574 | 32.67169 | -117.121453 |
| 5.7272222 | 32.670827 | -117.121920 | 5.89652778 | 32.6722 | -117.120693 | 6.05903935 | 32.67169 | -117.121453 |
| 5.7274421 | 32.670817 | -117.121947 | 5.89671296 | 32.6722 | -117.120693 | 6.05921296 | 32.67169 | -117.121453 |
| 5.7276157 | 32.670817 | -117.121960 | 5.89697917 | 32.6722 | -117.120693 | 6.05938657 | 32.67169 | -117.121453 |
| 5.7277778 | 32.670810 | -117.121987 | 5.89706019 | 32.6722 | -117.120667 | 6.05956019 | 32.67169 | -117.121453 |
| 5.7280440 | 32.670803 | -117.122000 | 5.89722222 | 32.6722 | -117.120667 | 6.0597338 | 32.67169 | -117.121453 |
| 5.7281366 | 32.670803 | -117.122000 | 5.89739583 | 32.6722 | -117.120667 | 6.05990741 | 32.67169 | -117.12144 |
| 5.7283218 | 32.670800 | -117.122053 | 5.89758102 | 32.6722 | -117.120667 | 6.06008102 | 32.67169 | -117.12144 |
| 5.7284838 | 32.670797 | -117.122067 | 5.89775463 | 32.67221 | -117.120667 | 6.06025463 | 32.67169 | -117.12144 |
| 5.7286574 | 32.670797 | -117.122080 | 5.89792824 | 32.67221 | -117.120667 | 6.06042824 | 32.67169 | -117.12144 |
| 5.7289005 | 32.670793 | -117.122120 | 5.89810185 | 32.67221 | -117.120667 | 6.06060185 | 32.67169 | -117.12144 |
| 5.7290046 | 32.670790 | -117.122120 | 5.89827546 | 32.67221 | -117.120667 | 6.06077546 | 32.67169 | -117.12144 |
| 5.7291782 | 32.670783 | -117.122133 | 5.89844907 | 32.67221 | -117.120667 | 6.06094907 | 32.67169 | -117.12144 |
| 5.7293981 | 32.670780 | -117.122173 | 5.89862269 | 32.67221 | -117.120667 | 6.06111111 | 32.67169 | -117.12144 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7295255 | 32.670780 | -117.122187 | 5.89881944 | 32.67221 | -117.120667 | 6.06128472 | 32.67169 | -117.12144 |
| 5.7296875 | 32.670780 | -117.122200 | 5.89896991 | 32.67221 | -117.120667 | 6.06145833 | 32.67169 | -117.12144 |
| 5.7298611 | 32.670777 | -117.122227 | 5.89920139 | 32.67222 | -117.120667 | 6.06232639 | 32.67169 | -117.121413 |
| 5.7300463 | 32.670777 | -117.122253 | 5.89930556 | 32.67222 | -117.120667 | 6.0625 | 32.67169 | -117.121413 |
| 5.7302199 | 32.670773 | -117.122280 | 5.9 | 32.67222 | -117.120667 | 6.06267361 | 32.67169 | -117.121413 |
| 5.7303819 | 32.670773 | -117.122293 | 5.90017361 | 32.67222 | -117.120667 | 6.06284722 | 32.67169 | -117.121413 |
| 5.7309144 | 32.670777 | -117.122347 | 5.9003588 | 32.67222 | -117.120667 | 6.06303241 | 32.67169 | -117.121413 |
| 5.7310880 | 32.670777 | -117.122373 | 5.90053241 | 32.67222 | -117.120667 | 6.06320602 | 32.67169 | -117.121413 |
| 5.7312616 | 32.670777 | -117.122373 | 5.90069444 | 32.67222 | -117.120667 | 6.06337963 | 32.67169 | -117.121413 |
| 5.7314352 | 32.670777 | -117.122400 | 5.90086806 | 32.67222 | -117.120667 | 6.06355324 | 32.67169 | -117.121413 |
| 5.7316088 | 32.670767 | -117.122413 | 5.90104167 | 32.67223 | -117.120667 | 6.06372685 | 32.67169 | -117.121413 |
| 5.7317824 | 32.670767 | -117.122467 | 5.90121528 | 32.67223 | -117.120667 | 6.06390046 | 32.67169 | -117.121413 |
| 5.7319560 | 32.670767 | -117.122480 | 5.90142361 | 32.67223 | -117.120667 | 6.06407407 | 32.67169 | -117.121413 |
| 5.7321181 | 32.670773 | -117.122507 | 5.90157407 | 32.67223 | -117.120667 | 6.06424769 | 32.67169 | -117.121413 |
| 5.7322917 | 32.670767 | -117.122520 | 5.90174769 | 32.67223 | -117.120667 | 6.0644213 | 32.67169 | -117.121413 |
| 5.7324769 | 32.670767 | -117.122547 | 5.90190972 | 32.67225 | -117.120667 | 6.06459491 | 32.67169 | -117.121413 |
| 5.7326505 | 32.670767 | -117.122573 | 5.90208333 | 32.67225 | -117.120667 | 6.06475694 | 32.67169 | -117.121413 |
| 5.7328819 | 32.670767 | -117.122613 | 5.90225694 | 32.67226 | -117.120667 | 6.06493056 | 32.67169 | -117.121413 |
| 5.7329861 | 32.670767 | -117.122613 | 5.90247685 | 32.67226 | -117.120667 | 6.06510417 | 32.6717 | -117.121413 |
| 5.7331597 | 32.670767 | -117.122640 | 5.90260417 | 32.67227 | -117.120667 | 6.06527778 | 32.6717 | -117.121413 |
| 5.7333449 | 32.670767 | -117.122667 | 5.90278935 | 32.67229 | -117.120667 | 6.06545139 | 32.6717 | -117.121413 |
| 5.7335185 | 32.670773 | -117.122667 | 5.90296296 | 32.67229 | -117.120667 | 6.065625 | 32.6717 | -117.121413 |
| 5.7336806 | 32.670773 | -117.122693 | 5.90313657 | 32.67229 | -117.120667 | 6.06614583 | 32.6717 | -117.121413 |
| 5.7338542 | 32.670773 | -117.122720 | 5.90329861 | 32.67229 | -117.120667 | 6.06631944 | 32.6717 | -117.121413 |
| 5.7340278 | 32.670777 | -117.122733 | 5.90381944 | 32.67229 | -117.120667 | 6.06649306 | 32.6717 | -117.121413 |
| 5.7342014 | 32.670783 | -117.122760 | 5.90399306 | 32.6723 | -117.120667 | 6.06666667 | 32.6717 | -117.121413 |
| 5.7352431 | 32.670817 | -117.122867 | 5.90417824 | 32.6723 | -117.120667 | 6.06684028 | 32.6717 | -117.121413 |
| 5.7354167 | 32.670827 | -117.122880 | 5.90435185 | 32.6723 | -117.120667 | 6.06701389 | 32.6717 | -117.121413 |
| 5.7355903 | 32.670827 | -117.122907 | 5.90451389 | 32.6723 | -117.120667 | 6.0671875 | 32.6717 | -117.121413 |
| 5.7357639 | 32.670827 | -117.122933 | 5.9046875 | 32.6723 | -117.120667 | 6.06736111 | 32.6717 | -117.121413 |
| 5.7359491 | 32.670833 | -117.122947 | 5.90496528 | 32.6723 | -117.120667 | 6.06753472 | 32.6717 | -117.1214 |
| 5.7361227 | 32.670837 | -117.122960 | 5.9050463 | 32.6723 | -117.120667 | 6.06770833 | 32.6717 | -117.1214 |
| 5.7362963 | 32.670847 | -117.122987 | 5.90521991 | 32.6723 | -117.120667 | 6.06788194 | 32.6717 | -117.1214 |
| 5.7364583 | 32.670853 | -117.123000 | 5.90539352 | 32.6723 | -117.120667 | 6.06805556 | 32.6717 | -117.1214 |
| 5.7366319 | 32.670867 | -117.123013 | 5.90555556 | 32.6723 | -117.120667 | 6.06822917 | 32.6717 | -117.1214 |
| 5.7368519 | 32.670870 | -117.123053 | 5.90572917 | 32.6723 | -117.120667 | 6.06840278 | 32.6717 | -117.1214 |
| 5.7369907 | 32.670877 | -117.123067 | 5.90590278 | 32.67231 | -117.120667 | 6.06857639 | 32.6717 | -117.1214 |
| 5.7371644 | 32.670883 | -117.123080 | 5.90607639 | 32.67231 | -117.120667 | 6.06875 | 32.6717 | -117.1214 |

DrEx 114

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5844213 | 32.674163 | -117.115853 | 5.74758102 | 32.67063 | -117.12436 | 5.91180556 | 32.67251 | -117.117267 |
| 5.5845486 | 32.674163 | -117.115867 | 5.74775463 | 32.67063 | -117.12436 | 5.91203704 | 32.67251 | -117.117267 |
| 5.5847222 | 32.674173 | -117.115907 | 5.74792824 | 32.67063 | -117.12436 | 5.91216435 | 32.67251 | -117.117267 |
| 5.5849074 | 32.674157 | -117.115920 | 5.74810185 | 32.67063 | -117.12436 | 5.91233796 | 32.67251 | -117.117267 |
| 5.5850810 | 32.674137 | -117.115933 | 5.74826389 | 32.67063 | -117.12436 | 5.91251157 | 32.67251 | -117.117267 |
| 5.5852546 | 32.674113 | -117.115947 | 5.7484375 | 32.67063 | -117.12436 | 5.91269676 | 32.67251 | -117.117267 |
| 5.5854167 | 32.674093 | -117.115947 | 5.74861111 | 32.67063 | -117.12436 | 5.91284722 | 32.67251 | -117.117267 |
| 5.5855903 | 32.674067 | -117.115973 | 5.74878472 | 32.67063 | -117.12436 | 5.91303241 | 32.67252 | -117.117267 |
| 5.5857639 | 32.674053 | -117.116000 | 5.74895833 | 32.67062 | -117.12436 | 5.91320602 | 32.67252 | -117.117253 |
| 5.5859375 | 32.674020 | -117.116013 | 5.74913194 | 32.67063 | -117.12436 | 5.91337963 | 32.67253 | -117.11724 |
| 5.5861111 | 32.673993 | -117.116013 | 5.74930556 | 32.67063 | -117.12436 | 5.91356482 | 32.67253 | -117.11724 |
| 5.5862847 | 32.673970 | -117.116027 | 5.74947917 | 32.67062 | -117.12436 | 5.91428241 | 32.67254 | -117.1172 |
| 5.5864815 | 32.673943 | -117.116053 | 5.74966435 | 32.67062 | -117.12436 | 5.91440972 | 32.67256 | -117.1172 |
| 5.5866319 | 32.673923 | -117.116053 | 5.74983796 | 32.67062 | -117.12436 | 5.91458333 | 32.67256 | -117.117187 |
| 5.5868056 | 32.673900 | -117.116067 | 5.75001157 | 32.67062 | -117.12436 | 5.91475694 | 32.67255 | -117.117187 |
| 5.5870370 | 32.673863 | -117.116067 | 5.75052083 | 32.67062 | -117.12436 | 5.91493056 | 32.67255 | -117.117187 |
| 5.5871644 | 32.673853 | -117.116080 | 5.75069444 | 32.67062 | -117.12436 | 5.91510417 | 32.67255 | -117.117187 |
| 5.5873380 | 32.673833 | -117.116080 | 5.75086806 | 32.67062 | -117.12436 | 5.91527778 | 32.67255 | -117.117187 |
| 5.5875000 | 32.673813 | -117.116080 | 5.75104167 | 32.67062 | -117.12436 | 5.91546296 | 32.67255 | -117.117173 |
| 5.5876736 | 32.673790 | -117.116093 | 5.75121528 | 32.67062 | -117.12436 | 5.91563657 | 32.67255 | -117.117173 |
| 5.5883681 | 32.673717 | -117.116133 | 5.75138889 | 32.67062 | -117.12436 | 5.91581019 | 32.67256 | -117.11716 |
| 5.5885417 | 32.673697 | -117.116147 | 5.7515625 | 32.67062 | -117.12436 | 5.9159838 | 32.67256 | -117.117173 |
| 5.5887616 | 32.673673 | -117.116160 | 5.75173611 | 32.67061 | -117.12436 | 5.91615741 | 32.67256 | -117.11716 |
| 5.5888889 | 32.673660 | -117.116160 | 5.75190972 | 32.67061 | -117.12436 | 5.91642361 | 32.67255 | -117.11716 |
| 5.5890741 | 32.673647 | -117.116200 | 5.75208333 | 32.67061 | -117.12436 | 5.91650463 | 32.67255 | -117.11716 |
| 5.5892477 | 32.673623 | -117.116200 | 5.75225694 | 32.67061 | -117.12436 | 5.91666667 | 32.67255 | -117.11716 |
| 5.5894097 | 32.673610 | -117.116200 | 5.75243056 | 32.67061 | -117.124347 | 5.91684028 | 32.67256 | -117.11716 |
| 5.5895833 | 32.673587 | -117.116200 | 5.75260417 | 32.67061 | -117.124347 | 5.91701389 | 32.67256 | -117.117133 |
| 5.5897569 | 32.673573 | -117.116200 | 5.75277778 | 32.67061 | -117.124347 | 5.9171875 | 32.67256 | -117.117133 |
| 5.5899306 | 32.673550 | -117.116200 | 5.75295139 | 32.67061 | -117.124347 | 5.91736111 | 32.67255 | -117.117133 |
| 5.5901042 | 32.673537 | -117.116213 | 5.753125 | 32.67061 | -117.124347 | 5.91753472 | 32.67256 | -117.117133 |
| 5.5903241 | 32.673513 | -117.116213 | 5.75329861 | 32.67061 | -117.124347 | 5.91824074 | 32.67256 | -117.117133 |
| 5.5904514 | 32.673503 | -117.116227 | 5.75347222 | 32.67061 | -117.124347 | 5.91841435 | 32.67256 | -117.117133 |
| 5.5906250 | 32.673483 | -117.116227 | 5.75364583 | 32.67061 | -117.124347 | 5.91858796 | 32.67256 | -117.117133 |
| 5.5907986 | 32.673467 | -117.116253 | 5.75381944 | 32.67061 | -117.124347 | 5.91876157 | 32.67256 | -117.117133 |
| 5.5909722 | 32.673450 | -117.116253 | 5.75416667 | 32.6706 | -117.124347 | 5.91893519 | 32.67255 | -117.117133 |
| 5.5911574 | 32.673437 | -117.116253 | 5.75434028 | 32.6706 | -117.124347 | 5.9191088 | 32.67255 | -117.117133 |
| 5.5913310 | 32.673427 | -117.116280 | 5.75452546 | 32.6706 | -117.124333 | 5.91928241 | 32.67255 | -117.117133 |
| 5.5914931 | 32.673413 | -117.116307 | 5.75469907 | 32.6706 | -117.124333 | 5.91945602 | 32.67255 | -117.117133 |
| 5.5916667 | 32.673400 | -117.116320 | 5.75486111 | 32.6706 | -117.124333 | 5.91962963 | 32.67255 | -117.117133 |
| 5.5920139 | 32.673367 | -117.116347 | 5.75503472 | 32.6706 | -117.124333 | 5.91980324 | 32.67255 | -117.117133 |
| 5.5921875 | 32.673357 | -117.116360 | 5.75520833 | 32.6706 | -117.124333 | 5.91997685 | 32.67255 | -117.117133 |
| 5.5923727 | 32.673340 | -117.116387 | 5.75538194 | 32.6706 | -117.124333 | 5.92015046 | 32.67255 | -117.117133 |
| 5.5925463 | 32.673323 | -117.116387 | 5.75555556 | 32.6706 | -117.124333 | 5.92032407 | 32.67255 | -117.117133 |
| 5.5927662 | 32.673303 | -117.116400 | 5.75572917 | 32.67059 | -117.124333 | 5.92049769 | 32.67255 | -117.117133 |
| 5.5928935 | 32.673297 | -117.116400 | 5.75594907 | 32.67057 | -117.12432 | 5.9206713 | 32.67255 | -117.117133 |
| 5.5931597 | 32.673270 | -117.116427 | 5.75607639 | 32.67056 | -117.12432 | 5.92084491 | 32.67255 | -117.117133 |
| 5.5932407 | 32.673263 | -117.116440 | 5.75625 | 32.67056 | -117.124307 | 5.92101852 | 32.67255 | -117.117133 |
| 5.5934144 | 32.673250 | -117.116453 | 5.75642361 | 32.67056 | -117.124307 | 5.92119213 | 32.67255 | -117.117133 |
| 5.5935880 | 32.673237 | -117.116467 | 5.75659722 | 32.67056 | -117.124307 | 5.92136574 | 32.67255 | -117.117133 |
| 5.5937500 | 32.673223 | -117.116493 | 5.75677083 | 32.67056 | -117.124307 | 5.92153935 | 32.67254 | -117.117133 |
| 5.5939236 | 32.673210 | -117.116493 | 5.75694444 | 32.67056 | -117.124307 | 5.92188657 | 32.67253 | -117.11716 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5940972 | 32.673197 | -117.116507 | 5.75711806 | 32.67056 | -117.124307 | 5.92206019 | 32.67251 | -117.11716 |
| 5.5942708 | 32.673187 | -117.116520 | 5.75729167 | 32.67056 | -117.124307 | 5.9222338 | 32.6725 | -117.117187 |
| 5.5944444 | 32.673170 | -117.116533 | 5.75746528 | 32.67056 | -117.12428 | 5.92239583 | 32.67249 | -117.117187 |
| 5.5946296 | 32.673157 | -117.116547 | 5.7578125 | 32.67055 | -117.124267 | 5.92256944 | 32.67247 | -117.117187 |
| 5.5948032 | 32.673143 | -117.116547 | 5.75798611 | 32.67054 | -117.124253 | 5.92274306 | 32.67247 | -117.117187 |
| 5.5949769 | 32.673127 | -117.116587 | 5.75815972 | 32.67053 | -117.124213 | 5.92291667 | 32.67247 | -117.117187 |
| 5.5951505 | 32.673117 | -117.116587 | 5.75833333 | 32.67052 | -117.124213 | 5.92309028 | 32.67247 | -117.117187 |
| 5.5953125 | 32.673103 | -117.116600 | 5.75850694 | 32.6705 | -117.124187 | 5.92327546 | 32.67247 | -117.117187 |
| 5.5964352 | 32.673020 | -117.116680 | 5.75868056 | 32.6705 | -117.124173 | 5.92344907 | 32.67247 | -117.117187 |
| 5.5965394 | 32.673010 | -117.116680 | 5.75885417 | 32.67049 | -117.12416 | 5.92362269 | 32.67247 | -117.117187 |
| 5.5967130 | 32.672993 | -117.116693 | 5.75902778 | 32.67048 | -117.12416 | 5.9237963 | 32.67247 | -117.117187 |
| 5.5968750 | 32.672983 | -117.116720 | 5.75920139 | 32.67048 | -117.124133 | 5.92403935 | 32.67247 | -117.117187 |
| 5.5970486 | 32.672970 | -117.116733 | 5.759375 | 32.67047 | -117.12412 | 5.92414352 | 32.67247 | -117.117187 |
| 5.5972222 | 32.672957 | -117.116747 | 5.75956019 | 32.67044 | -117.124067 | 5.92431713 | 32.67247 | -117.117187 |
| 5.5974074 | 32.672940 | -117.116747 | 5.75972222 | 32.67043 | -117.124067 | 5.92449074 | 32.67247 | -117.117187 |
| 5.5975810 | 32.672930 | -117.116787 | 5.75989583 | 32.67041 | -117.124053 | 5.92466435 | 32.67247 | -117.117187 |
| 5.5977546 | 32.672917 | -117.116787 | 5.76006944 | 32.6704 | -117.12404 | 5.92483796 | 32.67247 | -117.117187 |
| 5.5979282 | 32.672903 | -117.116800 | 5.76024306 | 32.67038 | -117.124027 | 5.92501157 | 32.67247 | -117.117187 |
| 5.5981019 | 32.672887 | -117.116813 | 5.76041667 | 32.67038 | -117.124013 | 5.92518519 | 32.67247 | -117.117187 |
| 5.5982639 | 32.672880 | -117.116827 | 5.76059028 | 32.67036 | -117.124013 | 5.92622685 | 32.67245 | -117.1172 |
| 5.5984375 | 32.672867 | -117.116840 | 5.76076389 | 32.67035 | -117.124013 | 5.92640046 | 32.67245 | -117.1172 |
| 5.5986111 | 32.672857 | -117.116840 | 5.7609375 | 32.67035 | -117.123987 | 5.92657407 | 32.67245 | -117.1172 |
| 5.5987847 | 32.672847 | -117.116867 | 5.76111111 | 32.67033 | -117.123987 | 5.92673611 | 32.67244 | -117.1172 |
| 5.5989583 | 32.672837 | -117.116880 | 5.76163194 | 32.6703 | -117.123947 | 5.9269213 | 32.67242 | -117.117227 |
| 5.5991319 | 32.672823 | -117.116893 | 5.76180556 | 32.67029 | -117.12392 | 5.92709491 | 32.67241 | -117.117227 |
| 5.5993171 | 32.672813 | -117.116933 | 5.76197917 | 32.67028 | -117.12392 | 5.92730324 | 32.67239 | -117.117227 |
| 5.5994907 | 32.672800 | -117.116933 | 5.76215278 | 32.67027 | -117.12392 | 5.92743056 | 32.67238 | -117.11724 |
| 5.5996528 | 32.672793 | -117.116933 | 5.76232639 | 32.67027 | -117.123893 | 5.92760417 | 32.67237 | -117.117253 |
| 5.6001736 | 32.672763 | -117.116973 | 5.7625 | 32.67026 | -117.12388 | 5.92778935 | 32.67237 | -117.117253 |
| 5.6003472 | 32.672753 | -117.116987 | 5.76267361 | 32.67025 | -117.12388 | 5.92796296 | 32.67237 | -117.117253 |
| 5.6005324 | 32.672743 | -117.116987 | 5.76284722 | 32.67024 | -117.123867 | 5.92813657 | 32.67237 | -117.117253 |
| 5.6007060 | 32.672737 | -117.116987 | 5.76302083 | 32.67022 | -117.123867 | 5.92831019 | 32.67237 | -117.117253 |
| 5.6008796 | 32.672727 | -117.117013 | 5.76319444 | 32.67021 | -117.123867 | 5.9284838 | 32.67237 | -117.117253 |
| 5.6011227 | 32.672713 | -117.117027 | 5.76336806 | 32.67021 | -117.123827 | 5.92865741 | 32.67237 | -117.117253 |
| 5.6012269 | 32.672710 | -117.117040 | 5.76354167 | 32.6702 | -117.123827 | 5.92883102 | 32.67237 | -117.117253 |
| 5.6014931 | 32.672697 | -117.117080 | 5.76371528 | 32.67019 | -117.123813 | 5.92900463 | 32.67236 | -117.117253 |
| 5.6015625 | 32.672697 | -117.117080 | 5.76388889 | 32.67018 | -117.123813 | 5.92917824 | 32.67236 | -117.117253 |
| 5.6017361 | 32.672683 | -117.117080 | 5.7640625 | 32.67018 | -117.123813 | 5.92935185 | 32.67236 | -117.117253 |
| 5.6019907 | 32.672673 | -117.117093 | 5.76423611 | 32.67018 | -117.123813 | 5.92952546 | 32.67236 | -117.117253 |
| 5.6020949 | 32.672670 | -117.117120 | 5.76445602 | 32.67018 | -117.123813 | 5.93006944 | 32.67236 | -117.117253 |
| 5.6022685 | 32.672660 | -117.117120 | 5.76458333 | 32.67017 | -117.1238 | 5.93021991 | 32.67236 | -117.117253 |
| 5.6024306 | 32.672653 | -117.117133 | 5.76475694 | 32.67017 | -117.1238 | 5.93039352 | 32.67235 | -117.117253 |
| 5.6026042 | 32.672643 | -117.117133 | 5.76493056 | 32.67017 | -117.1238 | 5.93056713 | 32.67235 | -117.117253 |
| 5.6027894 | 32.672633 | -117.117160 | 5.76527778 | 32.67016 | -117.123773 | 5.93074074 | 32.67235 | -117.117267 |
| 5.6029630 | 32.672627 | -117.117187 | 5.76545139 | 32.67016 | -117.123773 | 5.93091435 | 32.67235 | -117.117267 |
| 5.6031481 | 32.672620 | -117.117187 | 5.76563657 | 32.67016 | -117.123773 | 5.93108796 | 32.67235 | -117.117267 |
| 5.6032986 | 32.672610 | -117.117200 | 5.76581019 | 32.67016 | -117.123773 | 5.93126157 | 32.67235 | -117.117267 |
| 5.6034722 | 32.672603 | -117.117227 | 5.7659838 | 32.67016 | -117.123773 | 5.93143519 | 32.67235 | -117.117267 |
| 5.6038426 | 32.672590 | -117.117253 | 5.76615741 | 32.67016 | -117.123773 | 5.93159722 | 32.67235 | -117.117267 |
| 5.6039931 | 32.672583 | -117.117253 | 5.76633102 | 32.67016 | -117.123773 | 5.93177083 | 32.67235 | -117.117267 |
| 5.6041667 | 32.672573 | -117.117267 | 5.76650463 | 32.67016 | -117.123773 | 5.93194444 | 32.67235 | -117.117267 |
| 5.6043403 | 32.672563 | -117.117280 | 5.76667824 | 32.67016 | -117.123773 | 5.93211806 | 32.67235 | -117.117267 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6045139 | 32.672553 | -117.117320 | 5.76685185 | 32.67016 | -117.123773 | 5.93229167 | 32.67235 | -117.117267 |
| 5.6046991 | 32.672543 | -117.117333 | 5.76701389 | 32.67015 | -117.123773 | 5.93246528 | 32.67235 | -117.117267 |
| 5.6048727 | 32.672533 | -117.117347 | 5.7671875 | 32.67015 | -117.123773 | 5.93263889 | 32.67235 | -117.117267 |
| 5.6050347 | 32.672530 | -117.117360 | 5.76736111 | 32.67015 | -117.123773 | 5.9328125 | 32.67234 | -117.11728 |
| 5.6052083 | 32.672523 | -117.117387 | 5.76753472 | 32.67015 | -117.12376 | 5.93298611 | 32.67234 | -117.11728 |
| 5.6053819 | 32.672517 | -117.117400 | 5.76770833 | 32.67014 | -117.123747 | 5.93315972 | 32.67234 | -117.11728 |
| 5.6055556 | 32.672510 | -117.117413 | 5.76792824 | 32.67014 | -117.123747 | 5.93333333 | 32.67234 | -117.11728 |
| 5.6057407 | 32.672500 | -117.117453 | 5.76805556 | 32.67014 | -117.123747 | 5.93611111 | 32.67233 | -117.117333 |
| 5.6059144 | 32.672493 | -117.117453 | 5.76822917 | 32.67014 | -117.123747 | 5.93628472 | 32.67233 | -117.117333 |
| 5.6060880 | 32.672487 | -117.117467 | 5.76840278 | 32.67014 | -117.123747 | 5.93645833 | 32.67233 | -117.117333 |
| 5.6062500 | 32.672480 | -117.117480 | 5.76857639 | 32.67014 | -117.123747 | 5.93663194 | 32.67233 | -117.117347 |
| 5.6064236 | 32.672473 | -117.117507 | 5.76969907 | 32.6701 | -117.12372 | 5.93681713 | 32.67232 | -117.117347 |
| 5.6066088 | 32.672467 | -117.117507 | 5.76980324 | 32.67008 | -117.12372 | 5.93699074 | 32.67232 | -117.117347 |
| 5.6067824 | 32.672460 | -117.117533 | 5.76998843 | 32.67008 | -117.12368 | 5.93716435 | 32.67232 | -117.117347 |
| 5.6069560 | 32.672453 | -117.117547 | 5.77013889 | 32.67008 | -117.12368 | 5.93732639 | 32.67232 | -117.117347 |
| 5.6071296 | 32.672443 | -117.117573 | 5.7703125 | 32.67008 | -117.12368 | 5.9375 | 32.67232 | -117.117347 |
| 5.6079861 | 32.672413 | -117.117653 | 5.77048611 | 32.67008 | -117.123667 | 5.93767361 | 32.67232 | -117.117347 |
| 5.6081597 | 32.672407 | -117.117653 | 5.77065972 | 32.67007 | -117.123667 | 5.93784722 | 32.67232 | -117.11736 |
| 5.6083333 | 32.672403 | -117.117653 | 5.77083333 | 32.67007 | -117.123667 | 5.93802083 | 32.67232 | -117.11736 |
| 5.6085069 | 32.672397 | -117.117680 | 5.77100694 | 32.67007 | -117.123667 | 5.93819444 | 32.67232 | -117.11736 |
| 5.6086806 | 32.672393 | -117.117693 | 5.77118056 | 32.67007 | -117.123667 | 5.93836806 | 32.67232 | -117.11736 |
| 5.6088657 | 32.672387 | -117.117720 | 5.77135417 | 32.67007 | -117.123653 | 5.93854167 | 32.67232 | -117.11736 |
| 5.6090394 | 32.672380 | -117.117720 | 5.77152778 | 32.67007 | -117.123653 | 5.93871528 | 32.67232 | -117.11736 |
| 5.6092130 | 32.672370 | -117.117747 | 5.77170139 | 32.67006 | -117.123653 | 5.93890046 | 32.67232 | -117.11736 |
| 5.6093866 | 32.672370 | -117.117747 | 5.771875 | 32.67006 | -117.123653 | 5.93907407 | 32.67232 | -117.117387 |
| 5.6095602 | 32.672367 | -117.117747 | 5.77204861 | 32.67006 | -117.123653 | 5.93924769 | 32.67232 | -117.117387 |
| 5.6097338 | 32.672360 | -117.117760 | 5.77222222 | 32.67006 | -117.123653 | 5.94027778 | 32.67232 | -117.117427 |
| 5.6098958 | 32.672357 | -117.117773 | 5.77239583 | 32.67006 | -117.123653 | 5.94045139 | 32.67232 | -117.117453 |
| 5.6100694 | 32.672350 | -117.117787 | 5.77258102 | 32.67006 | -117.123653 | 5.940625 | 32.67232 | -117.117453 |
| 5.6102431 | 32.672343 | -117.117800 | 5.77275463 | 32.67006 | -117.123627 | 5.94079861 | 32.67232 | -117.117453 |
| 5.6104167 | 32.672340 | -117.117800 | 5.77292824 | 32.67005 | -117.123613 | 5.94097222 | 32.67232 | -117.117453 |
| 5.6106019 | 32.672333 | -117.117800 | 5.77362269 | 32.67 | -117.12352 | 5.94114583 | 32.67233 | -117.117467 |
| 5.6107755 | 32.672330 | -117.117827 | 5.7737963 | 32.67 | -117.123507 | 5.94133102 | 32.67233 | -117.11748 |
| 5.6109491 | 32.672323 | -117.117840 | 5.77396991 | 32.67 | -117.12348 | 5.94150463 | 32.67233 | -117.11748 |
| 5.6111111 | 32.672320 | -117.117853 | 5.77414352 | 32.67 | -117.12348 | 5.94167824 | 32.67233 | -117.11748 |
| 5.6112847 | 32.672313 | -117.117867 | 5.77430556 | 32.66999 | -117.12348 | 5.94184028 | 32.67233 | -117.11748 |
| 5.6118171 | 32.672293 | -117.117893 | 5.77447917 | 32.66999 | -117.12348 | 5.94201389 | 32.67233 | -117.117507 |
| 5.6119907 | 32.672287 | -117.117893 | 5.77465278 | 32.66999 | -117.123467 | 5.9421875 | 32.67234 | -117.117507 |
| 5.6121644 | 32.672283 | -117.117907 | 5.77482639 | 32.66997 | -117.123427 | 5.94236111 | 32.67234 | -117.117533 |
| 5.6123264 | 32.672277 | -117.117920 | 5.775 | 32.66997 | -117.1234 | 5.94253472 | 32.67235 | -117.117547 |
| 5.6125000 | 32.672270 | -117.117920 | 5.77517361 | 32.66997 | -117.123387 | 5.94270833 | 32.67235 | -117.117547 |
| 5.6126852 | 32.672270 | -117.117920 | 5.77534722 | 32.66997 | -117.123387 | 5.94292824 | 32.67235 | -117.117547 |
| 5.6128588 | 32.672270 | -117.117920 | 5.77552083 | 32.66997 | -117.123373 | 5.94305556 | 32.67235 | -117.117547 |
| 5.6130903 | 32.672267 | -117.117933 | 5.77569444 | 32.66997 | -117.123373 | 5.94322917 | 32.67235 | -117.117547 |
| 5.6131944 | 32.672267 | -117.117933 | 5.77587963 | 32.66997 | -117.12336 | 5.94340278 | 32.67235 | -117.11756 |
| 5.6133681 | 32.672267 | -117.117933 | 5.77605324 | 32.66997 | -117.123333 | 5.94357639 | 32.67235 | -117.11756 |
| 5.6135417 | 32.672267 | -117.117933 | 5.77621528 | 32.66997 | -117.123333 | 5.94445602 | 32.67236 | -117.1176 |
| 5.6137153 | 32.672267 | -117.117933 | 5.77638889 | 32.66997 | -117.123333 | 5.94462963 | 32.67236 | -117.1176 |
| 5.6138889 | 32.672267 | -117.117933 | 5.7765625 | 32.66997 | -117.123333 | 5.94480324 | 32.67236 | -117.1176 |
| 5.6140625 | 32.672267 | -117.117933 | 5.77673611 | 32.66997 | -117.123333 | 5.94497685 | 32.67236 | -117.1176 |
| 5.6142477 | 32.672260 | -117.117933 | 5.77690972 | 32.66997 | -117.123333 | 5.94515046 | 32.67236 | -117.1176 |
| 5.6144213 | 32.672260 | -117.117933 | 5.7774537 | 32.66997 | -117.123333 | 5.94532407 | 32.67236 | -117.1176 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6145949 | 32.672260 | -117.117933 | 5.77761574 | 32.66997 | -117.123333 | 5.94549769 | 32.67236 | -117.1176 |
| 5.6147685 | 32.672260 | -117.117933 | 5.77778935 | 32.66997 | -117.123333 | 5.9456713 | 32.67236 | -117.1176 |
| 5.6149421 | 32.672260 | -117.117933 | 5.77796296 | 32.66997 | -117.123333 | 5.94583333 | 32.67236 | -117.1176 |
| 5.6151157 | 32.672260 | -117.117933 | 5.77813657 | 32.66997 | -117.123333 | 5.94600694 | 32.67236 | -117.1176 |
| 5.6163194 | 32.672253 | -117.117947 | 5.77831019 | 32.66997 | -117.123333 | 5.94618056 | 32.67236 | -117.1176 |
| 5.6165394 | 32.672237 | -117.118000 | 5.7784838 | 32.66997 | -117.123333 | 5.94635417 | 32.67236 | -117.1176 |
| 5.6166782 | 32.672237 | -117.118000 | 5.77864583 | 32.66996 | -117.123333 | 5.94652778 | 32.67237 | -117.1176 |
| 5.6168634 | 32.672237 | -117.118000 | 5.77881944 | 32.66996 | -117.123333 | 5.94670139 | 32.67237 | -117.1176 |
| 5.6170139 | 32.672213 | -117.118067 | 5.77899306 | 32.66996 | -117.12332 | 5.946875 | 32.67237 | -117.1176 |
| 5.6171875 | 32.672210 | -117.118067 | 5.77916667 | 32.66996 | -117.12332 | 5.94706019 | 32.67237 | -117.117613 |
| 5.6173727 | 32.672203 | -117.118080 | 5.77934028 | 32.66996 | -117.12332 | 5.9472338 | 32.67237 | -117.117613 |
| 5.6176042 | 32.672200 | -117.118093 | 5.77951389 | 32.66996 | -117.123293 | 5.94740741 | 32.67237 | -117.117613 |
| 5.6177083 | 32.672200 | -117.118093 | 5.7796875 | 32.66996 | -117.12328 | 5.94758102 | 32.67237 | -117.117613 |
| 5.6179398 | 32.672193 | -117.118120 | 5.77986111 | 32.66996 | -117.12328 | 5.94775463 | 32.67237 | -117.117613 |
| 5.6180671 | 32.672187 | -117.118120 | 5.78003472 | 32.66996 | -117.12328 | 5.94844907 | 32.67237 | -117.117613 |
| 5.6182755 | 32.672177 | -117.118133 | 5.78020833 | 32.66996 | -117.12328 | 5.94863426 | 32.67237 | -117.117613 |
| 5.6184028 | 32.672173 | -117.118147 | 5.78038194 | 32.66996 | -117.12328 | 5.94878472 | 32.67237 | -117.117627 |
| 5.6185764 | 32.672167 | -117.118160 | 5.78056713 | 32.66996 | -117.12328 | 5.94895833 | 32.67237 | -117.117627 |
| 5.6187500 | 32.672160 | -117.118187 | 5.78091435 | 32.66996 | -117.12328 | 5.94913194 | 32.67237 | -117.117627 |
| 5.6189236 | 32.672153 | -117.118200 | 5.78108796 | 32.66996 | -117.12328 | 5.94938657 | 32.67237 | -117.117627 |
| 5.6191088 | 32.672147 | -117.118213 | 5.78126157 | 32.66996 | -117.123213 | 5.94949074 | 32.67237 | -117.117627 |
| 5.6192824 | 32.672143 | -117.118213 | 5.78143519 | 32.66996 | -117.123213 | 5.94966435 | 32.67237 | -117.117627 |
| 5.6194444 | 32.672140 | -117.118240 | 5.7816088 | 32.66994 | -117.1232 | 5.94983796 | 32.67237 | -117.117627 |
| 5.6199653 | 32.672123 | -117.118280 | 5.78177083 | 32.66994 | -117.1232 | 5.95001157 | 32.67237 | -117.11764 |
| 5.6201620 | 32.672120 | -117.118293 | 5.78194444 | 32.66994 | -117.1232 | 5.95018519 | 32.67237 | -117.11764 |
| 5.6203125 | 32.672117 | -117.118333 | 5.78211806 | 32.66994 | -117.123173 | 5.9503588 | 32.67237 | -117.11764 |
| 5.6204861 | 32.672110 | -117.118333 | 5.78230324 | 32.66994 | -117.123147 | 5.95053241 | 32.67237 | -117.11764 |
| 5.6206597 | 32.672107 | -117.118347 | 5.7825 | 32.66994 | -117.123093 | 5.95070602 | 32.67237 | -117.117653 |
| 5.6208449 | 32.672100 | -117.118360 | 5.78265046 | 32.66994 | -117.12308 | 5.95086806 | 32.67238 | -117.117653 |
| 5.6210185 | 32.672100 | -117.118387 | 5.78282407 | 32.66994 | -117.123067 | 5.95104167 | 32.67238 | -117.117653 |
| 5.6211921 | 32.672093 | -117.118387 | 5.78299769 | 32.66994 | -117.123053 | 5.95121528 | 32.67238 | -117.117653 |
| 5.6213773 | 32.672090 | -117.118413 | 5.7831713 | 32.66993 | -117.123053 | 5.95138889 | 32.67238 | -117.117653 |
| 5.6215278 | 32.672087 | -117.118440 | 5.7834375 | 32.66993 | -117.123013 | 5.9515625 | 32.67238 | -117.11768 |
| 5.6217014 | 32.672080 | -117.118453 | 5.78354167 | 32.66992 | -117.123013 | 5.95174769 | 32.67239 | -117.11772 |
| 5.6218750 | 32.672080 | -117.118467 | 5.78375 | 32.66992 | -117.123 | 5.95244213 | 32.67239 | -117.11772 |
| 5.6220486 | 32.672073 | -117.118493 | 5.78385417 | 32.66991 | -117.122987 | 5.95261574 | 32.67239 | -117.11772 |
| 5.6222222 | 32.672067 | -117.118520 | 5.78407407 | 32.66991 | -117.12296 | 5.95284722 | 32.67239 | -117.11772 |
| 5.6223958 | 32.672063 | -117.118533 | 5.78421296 | 32.66991 | -117.12296 | 5.95295139 | 32.67239 | -117.11772 |
| 5.6225694 | 32.672057 | -117.118560 | 5.78472222 | 32.66989 | -117.12292 | 5.953125 | 32.67239 | -117.11772 |
| 5.6227546 | 32.672057 | -117.118573 | 5.78494213 | 32.66988 | -117.122907 | 5.95329861 | 32.67239 | -117.11772 |
| 5.6229282 | 32.672050 | -117.118587 | 5.78508102 | 32.66988 | -117.122907 | 5.9534838 | 32.67239 | -117.117747 |
| 5.6231019 | 32.672047 | -117.118600 | 5.78533565 | 32.66986 | -117.122867 | 5.95365741 | 32.67239 | -117.117747 |
| 5.6232639 | 32.672037 | -117.118613 | 5.78541667 | 32.66986 | -117.122853 | 5.95383102 | 32.67239 | -117.117747 |
| 5.6236111 | 32.672027 | -117.118653 | 5.78559028 | 32.66986 | -117.122853 | 5.95399306 | 32.67239 | -117.117747 |
| 5.6237847 | 32.672020 | -117.118667 | 5.78576389 | 32.66986 | -117.122853 | 5.95416667 | 32.67239 | -117.117747 |
| 5.6239583 | 32.672017 | -117.118680 | 5.78594907 | 32.66986 | -117.12284 | 5.95434028 | 32.67239 | -117.117747 |
| 5.6241782 | 32.672013 | -117.118707 | 5.78612269 | 32.66986 | -117.122813 | 5.95451389 | 32.67239 | -117.117747 |
| 5.6243171 | 32.672010 | -117.118720 | 5.7862963 | 32.66986 | -117.122813 | 5.9546875 | 32.67239 | -117.117747 |
| 5.6244907 | 32.672007 | -117.118720 | 5.78646991 | 32.66986 | -117.122813 | 5.95486111 | 32.67239 | -117.117747 |
| 5.6246644 | 32.672000 | -117.118733 | 5.78664352 | 32.66986 | -117.1228 | 5.95503472 | 32.67239 | -117.117747 |
| 5.6248380 | 32.671997 | -117.118747 | 5.78681713 | 32.66986 | -117.1228 | 5.95520833 | 32.67239 | -117.117747 |
| 5.6250000 | 32.671993 | -117.118760 | 5.78699074 | 32.66986 | -117.1228 | 5.95538194 | 32.67239 | -117.117747 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6251736 | 32.671990 | -117.118760 | 5.78716435 | 32.66986 | -117.1228 | 5.95555556 | 32.67239 | -117.117747 |
| 5.6254398 | 32.671983 | -117.118800 | 5.78733796 | 32.66986 | -117.1228 | 5.95578704 | 32.67239 | -117.117747 |
| 5.6255208 | 32.671983 | -117.118800 | 5.7875463 | 32.66986 | -117.122787 | 5.95626157 | 32.67239 | -117.117747 |
| 5.6256944 | 32.671980 | -117.118813 | 5.78767361 | 32.66986 | -117.122787 | 5.95643519 | 32.67239 | -117.117747 |
| 5.6258681 | 32.671977 | -117.118827 | 5.78784722 | 32.66986 | -117.122787 | 5.9566088 | 32.67239 | -117.117747 |
| 5.6260532 | 32.671977 | -117.118853 | 5.78803241 | 32.66986 | -117.12276 | 5.95678241 | 32.67239 | -117.117747 |
| 5.6262269 | 32.671970 | -117.118853 | 5.78872685 | 32.66984 | -117.122707 | 5.95695602 | 32.67239 | -117.117747 |
| 5.6263889 | 32.671963 | -117.118867 | 5.78890046 | 32.66983 | -117.122667 | 5.95712963 | 32.67239 | -117.117747 |
| 5.6265625 | 32.671960 | -117.118880 | 5.78907407 | 32.66983 | -117.122667 | 5.95730324 | 32.67239 | -117.117747 |
| 5.6267361 | 32.671957 | -117.118893 | 5.78924769 | 32.66983 | -117.122667 | 5.95746528 | 32.67239 | -117.11776 |
| 5.6269097 | 32.671947 | -117.118907 | 5.7894213 | 32.66983 | -117.122667 | 5.95763889 | 32.67239 | -117.11776 |
| 5.6279514 | 32.671910 | -117.119000 | 5.78959491 | 32.66983 | -117.122667 | 5.9578125 | 32.67239 | -117.11776 |
| 5.6281250 | 32.671903 | -117.119000 | 5.78976852 | 32.66983 | -117.122667 | 5.95799769 | 32.67239 | -117.11776 |
| 5.6282986 | 32.671897 | -117.119013 | 5.78994213 | 32.66983 | -117.122667 | 5.9581713 | 32.67239 | -117.11776 |
| 5.6284722 | 32.671897 | -117.119040 | 5.79010417 | 32.66983 | -117.122667 | 5.95833333 | 32.67239 | -117.117773 |
| 5.6286458 | 32.671887 | -117.119053 | 5.79027778 | 32.66983 | -117.122667 | 5.95850694 | 32.67239 | -117.117773 |
| 5.6288194 | 32.671880 | -117.119053 | 5.79045139 | 32.66983 | -117.122653 | 5.95868056 | 32.67238 | -117.117773 |
| 5.6290046 | 32.671877 | -117.119080 | 5.790625 | 32.66983 | -117.122653 | 5.95885417 | 32.67238 | -117.117787 |
| 5.6291782 | 32.671867 | -117.119093 | 5.79079861 | 32.66983 | -117.122653 | 5.95902778 | 32.67238 | -117.117787 |
| 5.6293519 | 32.671863 | -117.119120 | 5.79097222 | 32.66983 | -117.122653 | 5.95920139 | 32.67238 | -117.117787 |
| 5.6295139 | 32.671853 | -117.119120 | 5.79114583 | 32.66983 | -117.122653 | 5.95946759 | 32.67238 | -117.117787 |
| 5.6296875 | 32.671850 | -117.119147 | 5.79133102 | 32.66983 | -117.122653 | 5.95954861 | 32.67238 | -117.117787 |
| 5.6298611 | 32.671840 | -117.119147 | 5.79150463 | 32.66983 | -117.122627 | 5.95990741 | 32.67238 | -117.117787 |
| 5.6300463 | 32.671830 | -117.119160 | 5.79167824 | 32.66982 | -117.122613 | 5.96006944 | 32.67238 | -117.117787 |
| 5.6302199 | 32.671823 | -117.119187 | 5.79185185 | 32.66982 | -117.122613 | 5.9603125 | 32.67238 | -117.117787 |
| 5.6303935 | 32.671817 | -117.119187 | 5.79202546 | 32.66983 | -117.122587 | 5.96041667 | 32.67238 | -117.117787 |
| 5.6305671 | 32.671810 | -117.119200 | 5.7925463 | 32.66982 | -117.12256 | 5.96059028 | 32.67238 | -117.1178 |
| 5.6307407 | 32.671803 | -117.119200 | 5.79271991 | 32.66982 | -117.12256 | 5.96076389 | 32.67238 | -117.1178 |
| 5.6309028 | 32.671793 | -117.119200 | 5.79289352 | 32.66982 | -117.12256 | 5.96094907 | 32.67238 | -117.1178 |
| 5.6310764 | 32.671787 | -117.119253 | 5.79306713 | 32.66982 | -117.12256 | 5.96112269 | 32.67238 | -117.1178 |
| 5.6312500 | 32.671780 | -117.119253 | 5.79324074 | 32.66982 | -117.122547 | 5.9612963 | 32.67238 | -117.1178 |
| 5.6317824 | 32.671753 | -117.119293 | 5.79341435 | 32.66982 | -117.122547 | 5.96148148 | 32.67237 | -117.117827 |
| 5.6319560 | 32.671743 | -117.119293 | 5.79358796 | 32.66982 | -117.122547 | 5.96163194 | 32.67237 | -117.117827 |
| 5.6321181 | 32.671733 | -117.119307 | 5.79376157 | 32.66982 | -117.122547 | 5.96180556 | 32.67237 | -117.117867 |
| 5.6322917 | 32.671730 | -117.119320 | 5.79393519 | 32.66982 | -117.122547 | 5.96197917 | 32.67236 | -117.117893 |
| 5.6324653 | 32.671717 | -117.119333 | 5.7941088 | 32.66982 | -117.122547 | 5.96216435 | 32.67236 | -117.117907 |
| 5.6326389 | 32.671707 | -117.119333 | 5.79428241 | 32.66982 | -117.122547 | 5.96233796 | 32.67236 | -117.117907 |
| 5.6328125 | 32.671703 | -117.119347 | 5.79444444 | 32.66982 | -117.12252 | 5.96251157 | 32.67236 | -117.117907 |
| 5.6329861 | 32.671697 | -117.119347 | 5.79461806 | 32.66982 | -117.12252 | 5.96268519 | 32.67236 | -117.11792 |
| 5.6331597 | 32.671687 | -117.119347 | 5.79479167 | 32.66982 | -117.12252 | 5.9628588 | 32.67236 | -117.11792 |
| 5.6333333 | 32.671680 | -117.119373 | 5.79496528 | 32.66982 | -117.12252 | 5.96303241 | 32.67236 | -117.11792 |
| 5.6335069 | 32.671670 | -117.119387 | 5.79513889 | 32.66982 | -117.12252 | 5.96320602 | 32.67236 | -117.11792 |
| 5.6336921 | 32.671660 | -117.119387 | 5.7953125 | 32.66982 | -117.12252 | 5.96375 | 32.67236 | -117.11792 |
| 5.6338657 | 32.671650 | -117.119400 | 5.79549769 | 32.66982 | -117.12252 | 5.96390046 | 32.67236 | -117.11792 |
| 5.6340394 | 32.671640 | -117.119413 | 5.7956713 | 32.66982 | -117.122493 | 5.96407407 | 32.67236 | -117.11792 |
| 5.6342130 | 32.671630 | -117.119413 | 5.79584491 | 32.66982 | -117.1224 | 5.96424769 | 32.67236 | -117.11792 |
| 5.6343750 | 32.671620 | -117.119440 | 5.7965625 | 32.6698 | -117.1222 | 5.9644213 | 32.67236 | -117.11792 |
| 5.6345486 | 32.671610 | -117.119440 | 5.79671296 | 32.6698 | -117.122187 | 5.96462963 | 32.67236 | -117.11792 |
| 5.6347454 | 32.671597 | -117.119453 | 5.79688657 | 32.6698 | -117.122173 | 5.96475694 | 32.67236 | -117.11792 |
| 5.6349074 | 32.671590 | -117.119467 | 5.79706019 | 32.66981 | -117.122147 | 5.96493056 | 32.67236 | -117.11792 |
| 5.6350810 | 32.671577 | -117.119467 | 5.7972338 | 32.66981 | -117.122133 | 5.96511574 | 32.67236 | -117.11792 |
| 5.6355903 | 32.671547 | -117.119520 | 5.79743056 | 32.66982 | -117.122133 | 5.96528935 | 32.67236 | -117.11792 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6357755 | 32.671533 | -117.119520 | 5.79758102 | 32.66981 | -117.12212 | 5.96549769 | 32.67236 | -117.11792 |
| 5.6359491 | 32.671527 | -117.119533 | 5.79774306 | 32.66982 | -117.12212 | 5.965625 | 32.67236 | -117.117933 |
| 5.6361227 | 32.671513 | -117.119533 | 5.79791667 | 32.66982 | -117.122107 | 5.96579861 | 32.67236 | -117.117933 |
| 5.6362963 | 32.671503 | -117.119547 | 5.79813657 | 32.66982 | -117.12208 | 5.96606482 | 32.67236 | -117.117933 |
| 5.6365278 | 32.671490 | -117.119547 | 5.79826389 | 32.66982 | -117.12208 | 5.96614583 | 32.67236 | -117.117933 |
| 5.6366319 | 32.671483 | -117.119560 | 5.79844907 | 32.66982 | -117.122067 | 5.96634259 | 32.67236 | -117.117933 |
| 5.6368056 | 32.671467 | -117.119587 | 5.79862269 | 32.66983 | -117.122067 | 5.96649306 | 32.67236 | -117.117933 |
| 5.6369792 | 32.671457 | -117.119587 | 5.7987963 | 32.66983 | -117.122053 | 5.96673611 | 32.67236 | -117.117933 |
| 5.6371528 | 32.671447 | -117.119587 | 5.79896991 | 32.66983 | -117.122053 | 5.96685185 | 32.67236 | -117.117933 |
| 5.6373264 | 32.671437 | -117.119600 | 5.79914352 | 32.66983 | -117.122053 | 5.96702546 | 32.67236 | -117.117933 |
| 5.6375810 | 32.671423 | -117.119613 | 5.79931713 | 32.66984 | -117.12204 | 5.96811343 | 32.67236 | -117.117933 |
| 5.6376852 | 32.671417 | -117.119613 | 5.79949074 | 32.66984 | -117.12204 | 5.96824074 | 32.67235 | -117.117933 |
| 5.6378588 | 32.671407 | -117.119627 | 5.79966435 | 32.66983 | -117.12204 | 5.96840278 | 32.67235 | -117.117933 |
| 5.6380324 | 32.671393 | -117.119640 | 5.79983796 | 32.66983 | -117.12204 | 5.96857639 | 32.67235 | -117.117933 |
| 5.6382060 | 32.671387 | -117.119667 | 5.80034722 | 32.66984 | -117.121987 | 5.96876157 | 32.67235 | -117.117947 |
| 5.6383796 | 32.671380 | -117.119667 | 5.80052083 | 32.66984 | -117.121973 | 5.96893519 | 32.67235 | -117.117947 |
| 5.6385532 | 32.671363 | -117.119667 | 5.80069444 | 32.66984 | -117.121973 | 5.9691088 | 32.67235 | -117.117947 |
| 5.6387269 | 32.671350 | -117.119680 | 5.80086806 | 32.66984 | -117.121973 | 5.96928241 | 32.67235 | -117.117947 |
| 5.6389005 | 32.671337 | -117.119693 | 5.80104167 | 32.66984 | -117.121973 | 5.96946759 | 32.67235 | -117.117947 |
| 5.6392477 | 32.671313 | -117.119720 | 5.80121528 | 32.66986 | -117.121987 | 5.96961806 | 32.67235 | -117.117947 |
| 5.6394213 | 32.671300 | -117.119720 | 5.80138889 | 32.66991 | -117.12196 | 5.96980324 | 32.67235 | -117.117947 |
| 5.6396528 | 32.671280 | -117.119747 | 5.8015625 | 32.66993 | -117.121947 | 5.96997685 | 32.67235 | -117.117947 |
| 5.6397569 | 32.671273 | -117.119747 | 5.80173611 | 32.66995 | -117.121947 | 5.97015046 | 32.67235 | -117.117947 |
| 5.6399306 | 32.671260 | -117.119760 | 5.80190972 | 32.66997 | -117.121947 | 5.97032407 | 32.67235 | -117.117947 |
| 5.6401157 | 32.671250 | -117.119773 | 5.80209491 | 32.66997 | -117.12192 | 5.97048611 | 32.67235 | -117.117947 |
| 5.6402894 | 32.671233 | -117.119787 | 5.80226852 | 32.66997 | -117.121893 | 5.97065972 | 32.67235 | -117.117947 |
| 5.6404630 | 32.671220 | -117.119813 | 5.80253472 | 32.66999 | -117.121853 | 5.97084491 | 32.67235 | -117.117947 |
| 5.6406944 | 32.671203 | -117.119813 | 5.80261574 | 32.66999 | -117.121853 | 5.97101852 | 32.67235 | -117.117947 |
| 5.6407986 | 32.671197 | -117.119813 | 5.80277778 | 32.66999 | -117.121853 | 5.97118056 | 32.67234 | -117.117947 |
| 5.6409722 | 32.671183 | -117.119813 | 5.80295139 | 32.67 | -117.121827 | 5.97135417 | 32.67235 | -117.117947 |
| 5.6411806 | 32.671170 | -117.119827 | 5.803125 | 32.67 | -117.121813 | 5.97171296 | 32.67234 | -117.117947 |
| 5.6413310 | 32.671160 | -117.119853 | 5.80331019 | 32.67001 | -117.1218 | 5.97188657 | 32.67234 | -117.117947 |
| 5.6415394 | 32.671140 | -117.119853 | 5.8034838 | 32.67001 | -117.1218 | 5.97206019 | 32.67234 | -117.117947 |
| 5.6416667 | 32.671130 | -117.119853 | 5.80365741 | 32.67002 | -117.12176 | 5.9722338 | 32.67234 | -117.117947 |
| 5.6418519 | 32.671117 | -117.119867 | 5.8046875 | 32.67004 | -117.12168 | 5.97239583 | 32.67234 | -117.117947 |
| 5.6420255 | 32.671110 | -117.119867 | 5.80486111 | 32.67004 | -117.121667 | 5.97267361 | 32.67234 | -117.117947 |
| 5.6421991 | 32.671103 | -117.119867 | 5.80503472 | 32.67005 | -117.121653 | 5.97277778 | 32.67234 | -117.117947 |
| 5.6423727 | 32.671090 | -117.119893 | 5.80520833 | 32.67005 | -117.121627 | 5.97292824 | 32.67234 | -117.117947 |
| 5.6428935 | 32.671080 | -117.119893 | 5.80538194 | 32.67005 | -117.121613 | 5.97310185 | 32.67233 | -117.117947 |
| 5.6430671 | 32.671080 | -117.119907 | 5.80556713 | 32.67006 | -117.121613 | 5.97329861 | 32.67233 | -117.117947 |
| 5.6432407 | 32.671080 | -117.119907 | 5.80574074 | 32.67006 | -117.1216 | 5.9734375 | 32.67233 | -117.117947 |
| 5.6434144 | 32.671070 | -117.119920 | 5.80591435 | 32.67006 | -117.121587 | 5.97361111 | 32.67233 | -117.117947 |
| 5.6435880 | 32.671057 | -117.119920 | 5.80608796 | 32.67006 | -117.12156 | 5.97378472 | 32.67233 | -117.117947 |
| 5.6437731 | 32.671043 | -117.119933 | 5.80626157 | 32.67006 | -117.12156 | 5.97396991 | 32.67233 | -117.117933 |
| 5.6439236 | 32.671037 | -117.119960 | 5.80643519 | 32.67007 | -117.121547 | 5.97414352 | 32.67233 | -117.117933 |
| 5.6440972 | 32.671030 | -117.119960 | 5.8066088 | 32.67006 | -117.121533 | 5.97431713 | 32.67233 | -117.117933 |
| 5.6442708 | 32.671017 | -117.119960 | 5.80678241 | 32.67007 | -117.12152 | 5.97449074 | 32.67233 | -117.117933 |
| 5.6444444 | 32.671000 | -117.119987 | 5.80695602 | 32.67008 | -117.121507 | 5.97465278 | 32.67233 | -117.117933 |
| 5.6446296 | 32.670993 | -117.119987 | 5.80712963 | 32.67008 | -117.12148 | 5.97482639 | 32.67233 | -117.117933 |
| 5.6448032 | 32.670977 | -117.120000 | 5.80730324 | 32.67008 | -117.121467 | 5.975 | 32.67233 | -117.117933 |
| 5.6449653 | 32.670967 | -117.120013 | 5.80747685 | 32.67008 | -117.121467 | 5.97552083 | 32.67233 | -117.117933 |
| 5.6451389 | 32.670957 | -117.120013 | 5.80765046 | 32.67008 | -117.121453 | 5.97569444 | 32.67233 | -117.117933 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6453125 | 32.670947 | -117.120013 | 5.80782407 | 32.67008 | -117.121413 | 5.97586806 | 32.67233 | -117.11792 |
| 5.6454861 | 32.670937 | -117.120053 | 5.80799769 | 32.67008 | -117.121413 | 5.97604167 | 32.67233 | -117.11792 |
| 5.6456597 | 32.670923 | -117.120053 | 5.81042824 | 32.67013 | -117.121213 | 5.97621528 | 32.67233 | -117.11792 |
| 5.6458333 | 32.670910 | -117.120067 | 5.81060185 | 32.67013 | -117.121187 | 5.97643519 | 32.67233 | -117.11792 |
| 5.6460995 | 32.670890 | -117.120080 | 5.81077546 | 32.67013 | -117.121173 | 5.9765625 | 32.67233 | -117.11792 |
| 5.6461806 | 32.670883 | -117.120080 | 5.81094907 | 32.67014 | -117.121147 | 5.97673611 | 32.67233 | -117.117907 |
| 5.6467014 | 32.670850 | -117.120120 | 5.81112269 | 32.67014 | -117.121147 | 5.9769213 | 32.67233 | -117.117907 |
| 5.6468750 | 32.670840 | -117.120133 | 5.8112963 | 32.67014 | -117.12112 | 5.97709491 | 32.67233 | -117.117907 |
| 5.6470486 | 32.670827 | -117.120147 | 5.81146991 | 32.67015 | -117.12112 | 5.97726852 | 32.67233 | -117.117907 |
| 5.6472222 | 32.670817 | -117.120160 | 5.81164352 | 32.67015 | -117.121107 | 5.97743056 | 32.67233 | -117.117907 |
| 5.6473958 | 32.670810 | -117.120160 | 5.81181713 | 32.67015 | -117.12108 | 5.97760417 | 32.67234 | -117.117893 |
| 5.6475694 | 32.670800 | -117.120187 | 5.81199074 | 32.67016 | -117.12108 | 5.97777778 | 32.67234 | -117.117893 |
| 5.6477546 | 32.670790 | -117.120200 | 5.81216435 | 32.67016 | -117.121067 | 5.97795139 | 32.67235 | -117.117893 |
| 5.6479282 | 32.670780 | -117.120200 | 5.81233796 | 32.67016 | -117.121067 | 5.978125 | 32.67236 | -117.117867 |
| 5.6481019 | 32.670767 | -117.120213 | 5.81251157 | 32.67016 | -117.12104 | 5.97834491 | 32.67236 | -117.117867 |
| 5.6482639 | 32.670763 | -117.120227 | 5.81268519 | 32.67016 | -117.121013 | 5.97847222 | 32.67236 | -117.117867 |
| 5.6484375 | 32.670753 | -117.120253 | 5.8128588 | 32.67016 | -117.121013 | 5.97864583 | 32.67236 | -117.117867 |
| 5.6486111 | 32.670747 | -117.120253 | 5.81302083 | 32.67016 | -117.121 | 5.97881944 | 32.67236 | -117.117867 |
| 5.6487963 | 32.670737 | -117.120267 | 5.81319444 | 32.67016 | -117.120973 | 5.97934028 | 32.67236 | -117.117853 |
| 5.6490278 | 32.670727 | -117.120293 | 5.81337963 | 32.67016 | -117.120973 | 5.97960648 | 32.67236 | -117.117853 |
| 5.6491319 | 32.670720 | -117.120307 | 5.81355324 | 32.67017 | -117.120947 | 5.9796875 | 32.67236 | -117.117853 |
| 5.6493056 | 32.670707 | -117.120307 | 5.81372685 | 32.67018 | -117.120947 | 5.97987269 | 32.67236 | -117.117853 |
| 5.6495023 | 32.670693 | -117.120333 | 5.81440972 | 32.67021 | -117.120893 | 5.9800463 | 32.67236 | -117.117853 |
| 5.6496644 | 32.670687 | -117.120347 | 5.81458333 | 32.67022 | -117.12088 | 5.98020833 | 32.67236 | -117.117853 |
| 5.6498380 | 32.670680 | -117.120360 | 5.81475694 | 32.67023 | -117.120867 | 5.98038194 | 32.67236 | -117.117853 |
| 5.6500116 | 32.670673 | -117.120400 | 5.81493056 | 32.67024 | -117.120867 | 5.98055556 | 32.67237 | -117.117853 |
| 5.6507060 | 32.670643 | -117.120427 | 5.81510417 | 32.67025 | -117.120853 | 5.98072917 | 32.67238 | -117.1178 |
| 5.6508796 | 32.670637 | -117.120453 | 5.81527778 | 32.67025 | -117.120853 | 5.98096065 | 32.67238 | -117.1178 |
| 5.6510532 | 32.670627 | -117.120453 | 5.81545139 | 32.67025 | -117.12084 | 5.98108796 | 32.67238 | -117.1178 |
| 5.6512153 | 32.670623 | -117.120453 | 5.815625 | 32.67026 | -117.120813 | 5.98126157 | 32.67238 | -117.1178 |
| 5.6514120 | 32.670610 | -117.120480 | 5.81579861 | 32.67027 | -117.120813 | 5.98142361 | 32.67238 | -117.1178 |
| 5.6515625 | 32.670600 | -117.120480 | 5.81597222 | 32.67027 | -117.1208 | 5.98159722 | 32.67238 | -117.1178 |
| 5.6517477 | 32.670590 | -117.120507 | 5.81614583 | 32.67028 | -117.120787 | 5.98177083 | 32.67238 | -117.117787 |
| 5.6519213 | 32.670587 | -117.120520 | 5.81631944 | 32.67029 | -117.120787 | 5.98195602 | 32.67238 | -117.117787 |
| 5.6520833 | 32.670580 | -117.120547 | 5.81649306 | 32.67029 | -117.120747 | 5.98212963 | 32.67238 | -117.117787 |
| 5.6522569 | 32.670573 | -117.120547 | 5.81666667 | 32.6703 | -117.120747 | 5.98229167 | 32.67238 | -117.117787 |
| 5.6524306 | 32.670563 | -117.120547 | 5.81684028 | 32.67031 | -117.120747 | 5.98246528 | 32.67238 | -117.117787 |
| 5.6526157 | 32.670560 | -117.120560 | 5.81701389 | 32.67032 | -117.120733 | 5.98263889 | 32.67238 | -117.117787 |
| 5.6527894 | 32.670553 | -117.120573 | 5.8171875 | 32.67032 | -117.12072 | 5.98315972 | 32.67238 | -117.117773 |
| 5.6529630 | 32.670550 | -117.120587 | 5.81736111 | 32.67032 | -117.120707 | 5.98333333 | 32.67238 | -117.11776 |
| 5.6532292 | 32.670543 | -117.120600 | 5.81753472 | 32.67032 | -117.120693 | 5.98350694 | 32.67239 | -117.117747 |
| 5.6533102 | 32.670537 | -117.120600 | 5.81770833 | 32.67033 | -117.120693 | 5.98368056 | 32.67239 | -117.117747 |
| 5.6534838 | 32.670537 | -117.120600 | 5.81876157 | 32.67037 | -117.1206 | 5.98385417 | 32.67239 | -117.117747 |
| 5.6536574 | 32.670537 | -117.120600 | 5.81893519 | 32.67037 | -117.120587 | 5.98402778 | 32.67239 | -117.117747 |
| 5.6538310 | 32.670537 | -117.120600 | 5.8191088 | 32.67038 | -117.120573 | 5.98420139 | 32.67239 | -117.11772 |
| 5.6540046 | 32.670537 | -117.120600 | 5.81928241 | 32.67038 | -117.12056 | 5.98438657 | 32.6724 | -117.11772 |
| 5.6545255 | 32.670533 | -117.120600 | 5.81944444 | 32.67039 | -117.120547 | 5.98456019 | 32.6724 | -117.11772 |
| 5.6546991 | 32.670533 | -117.120600 | 5.81961806 | 32.6704 | -117.120547 | 5.98472222 | 32.6724 | -117.11772 |
| 5.6548611 | 32.670527 | -117.120640 | 5.81979167 | 32.67041 | -117.120547 | 5.98489583 | 32.6724 | -117.11772 |
| 5.6550347 | 32.670523 | -117.120653 | 5.81996528 | 32.67042 | -117.12052 | 5.98506944 | 32.67241 | -117.11768 |
| 5.6552083 | 32.670523 | -117.120693 | 5.82013889 | 32.67042 | -117.120507 | 5.98524306 | 32.67241 | -117.11768 |
| 5.6553935 | 32.670520 | -117.120693 | 5.8203125 | 32.67043 | -117.120493 | 5.98541667 | 32.67241 | -117.117653 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6555671 | 32.670513 | -117.120720 | 5.82048611 | 32.67044 | -117.12048 | 5.98559028 | 32.67241 | -117.117653 |
| 5.6557407 | 32.670503 | -117.120733 | 5.82065972 | 32.67045 | -117.12048 | 5.98577546 | 32.67241 | -117.117653 |
| 5.6559144 | 32.670490 | -117.120747 | 5.82083333 | 32.67045 | -117.12048 | 5.9859838 | 32.67241 | -117.11764 |
| 5.6560880 | 32.670487 | -117.120773 | 5.82100694 | 32.67046 | -117.120453 | 5.98611111 | 32.67241 | -117.1176 |
| 5.6562500 | 32.670480 | -117.120787 | 5.82118056 | 32.67047 | -117.120453 | 5.98628472 | 32.67241 | -117.1176 |
| 5.6564236 | 32.670477 | -117.120800 | 5.82135417 | 32.67047 | -117.120453 | 5.98645833 | 32.67242 | -117.1176 |
| 5.6565972 | 32.670463 | -117.120840 | 5.82152778 | 32.67048 | -117.12044 | 5.98700232 | 32.67242 | -117.1176 |
| 5.6567708 | 32.670453 | -117.120853 | 5.82170139 | 32.67048 | -117.120427 | 5.98716435 | 32.67242 | -117.1176 |
| 5.6570023 | 32.670450 | -117.120867 | 5.821875 | 32.67048 | -117.120413 | 5.98733796 | 32.67242 | -117.1176 |
| 5.6571296 | 32.670443 | -117.120880 | 5.82204861 | 32.67048 | -117.120413 | 5.98751157 | 32.67242 | -117.1176 |
| 5.6573032 | 32.670440 | -117.120893 | 5.82274306 | 32.6705 | -117.120373 | 5.98767361 | 32.67242 | -117.1176 |
| 5.6574769 | 32.670440 | -117.120920 | 5.82292824 | 32.67051 | -117.120347 | 5.98784722 | 32.67242 | -117.1176 |
| 5.6576620 | 32.670430 | -117.120933 | 5.82310185 | 32.67052 | -117.120347 | 5.98803241 | 32.67242 | -117.117573 |
| 5.6578125 | 32.670427 | -117.120947 | 5.82327546 | 32.67053 | -117.120333 | 5.98820602 | 32.67243 | -117.117547 |
| 5.6582060 | 32.670417 | -117.120973 | 5.82344907 | 32.67054 | -117.120307 | 5.98836806 | 32.67243 | -117.117533 |
| 5.6583333 | 32.670417 | -117.121000 | 5.82362269 | 32.67054 | -117.120307 | 5.98854167 | 32.67243 | -117.117533 |
| 5.6585069 | 32.670413 | -117.121000 | 5.8237963 | 32.67055 | -117.120307 | 5.98871528 | 32.67243 | -117.117533 |
| 5.6586806 | 32.670410 | -117.121013 | 5.82395833 | 32.67055 | -117.120293 | 5.98888889 | 32.67243 | -117.117507 |
| 5.6588542 | 32.670403 | -117.121027 | 5.82414352 | 32.67056 | -117.12028 | 5.98913194 | 32.67243 | -117.117493 |
| 5.6590278 | 32.670403 | -117.121067 | 5.82431713 | 32.67056 | -117.12028 | 5.98923611 | 32.67243 | -117.117493 |
| 5.6592130 | 32.670403 | -117.121067 | 5.82449074 | 32.67056 | -117.12028 | 5.98940972 | 32.67244 | -117.117467 |
| 5.6593866 | 32.670403 | -117.121080 | 5.82466435 | 32.67057 | -117.120267 | 5.98960648 | 32.67244 | -117.117453 |
| 5.6595486 | 32.670397 | -117.121093 | 5.82482639 | 32.67058 | -117.120267 | 5.98975694 | 32.67244 | -117.117453 |
| 5.6597222 | 32.670403 | -117.121120 | 5.82509259 | 32.67059 | -117.120253 | 5.98994213 | 32.67244 | -117.117453 |
| 5.6598958 | 32.670403 | -117.121120 | 5.82521991 | 32.67059 | -117.120253 | 5.99011574 | 32.67244 | -117.117453 |
| 5.6600810 | 32.670403 | -117.121120 | 5.8253588 | 32.67059 | -117.120253 | 5.99027778 | 32.67244 | -117.117453 |
| 5.6602894 | 32.670403 | -117.121147 | 5.82553241 | 32.6706 | -117.120227 | 5.99123843 | 32.67244 | -117.117427 |
| 5.6604167 | 32.670403 | -117.121173 | 5.82569444 | 32.67061 | -117.120227 | 5.99131944 | 32.67244 | -117.117427 |
| 5.6606366 | 32.670403 | -117.121187 | 5.82586806 | 32.67061 | -117.120213 | 5.99149306 | 32.67244 | -117.117413 |
| 5.6607755 | 32.670403 | -117.121213 | 5.82604167 | 32.67062 | -117.120213 | 5.99166667 | 32.67245 | -117.11736 |
| 5.6609491 | 32.670403 | -117.121213 | 5.82657407 | 32.67064 | -117.120187 | 5.99184028 | 32.67245 | -117.11736 |
| 5.6611227 | 32.670403 | -117.121227 | 5.82674769 | 32.67064 | -117.12016 | 5.99201389 | 32.67245 | -117.117347 |
| 5.6612963 | 32.670407 | -117.121253 | 5.8269213 | 32.67065 | -117.120147 | 5.9921875 | 32.67245 | -117.11732 |
| 5.6614699 | 32.670407 | -117.121267 | 5.82709491 | 32.67065 | -117.120147 | 5.99239583 | 32.67245 | -117.11732 |
| 5.6625116 | 32.670403 | -117.121267 | 5.82725694 | 32.67065 | -117.120133 | 5.9925463 | 32.67246 | -117.11728 |
| 5.6626852 | 32.670403 | -117.121267 | 5.82743056 | 32.67066 | -117.120133 | 5.99271991 | 32.67246 | -117.11728 |
| 5.6628588 | 32.670403 | -117.121267 | 5.82760417 | 32.67066 | -117.12012 | 5.99289352 | 32.67246 | -117.11728 |
| 5.6630208 | 32.670403 | -117.121267 | 5.82778935 | 32.67067 | -117.120107 | 5.99305556 | 32.67246 | -117.11728 |
| 5.6631944 | 32.670403 | -117.121267 | 5.82796296 | 32.67067 | -117.120107 | 5.99322917 | 32.67246 | -117.117267 |
| 5.6633796 | 32.670403 | -117.121293 | 5.828125 | 32.67068 | -117.12008 | 5.99340278 | 32.67246 | -117.117267 |
| 5.6635532 | 32.670403 | -117.121293 | 5.82829861 | 32.67069 | -117.120067 | 5.99358796 | 32.67246 | -117.117267 |
| 5.6637269 | 32.670403 | -117.121293 | 5.8284838 | 32.67069 | -117.120067 | 5.99376157 | 32.67246 | -117.117267 |
| 5.6640046 | 32.670403 | -117.121293 | 5.82865741 | 32.67069 | -117.120053 | 5.99392361 | 32.67246 | -117.117267 |
| 5.6640856 | 32.670403 | -117.121320 | 5.82883102 | 32.6707 | -117.12004 | 5.99409722 | 32.67246 | -117.117267 |
| 5.6642361 | 32.670403 | -117.121320 | 5.82899306 | 32.67071 | -117.120013 | 5.99428241 | 32.67246 | -117.117253 |
| 5.6644560 | 32.670403 | -117.121320 | 5.82916667 | 32.67072 | -117.120013 | 5.99445602 | 32.67246 | -117.117253 |
| 5.6645833 | 32.670403 | -117.121333 | 5.82935185 | 32.67072 | -117.12 | 5.99497685 | 32.67246 | -117.117253 |
| 5.6648032 | 32.670403 | -117.121333 | 5.82952546 | 32.67073 | -117.12 | 5.99513889 | 32.67247 | -117.117253 |
| 5.6649421 | 32.670403 | -117.121333 | 5.82969907 | 32.67073 | -117.119987 | 5.9953125 | 32.67247 | -117.11724 |
| 5.6651157 | 32.670403 | -117.121333 | 5.82986111 | 32.67074 | -117.119987 | 5.99548611 | 32.67247 | -117.11724 |
| 5.6652894 | 32.670403 | -117.121333 | 5.83072917 | 32.67075 | -117.11996 | 5.9956713 | 32.67247 | -117.117227 |
| 5.6654514 | 32.670403 | -117.121333 | 5.83090278 | 32.67076 | -117.11996 | 5.99584491 | 32.67247 | -117.1172 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6656250 | 32.670397 | -117.121333 | 5.83108796 | 32.67076 | -117.11996 | 5.99600694 | 32.67247 | -117.1172 |
| 5.6657986 | 32.670397 | -117.121333 | 5.83126157 | 32.67076 | -117.11996 | 5.99618056 | 32.67247 | -117.1172 |
| 5.6668634 | 32.670413 | -117.121413 | 5.83142361 | 32.67077 | -117.11996 | 5.99635417 | 32.67247 | -117.1172 |
| 5.6670139 | 32.670413 | -117.121413 | 5.83159722 | 32.67077 | -117.11996 | 5.99662037 | 32.67247 | -117.117187 |
| 5.6671875 | 32.670410 | -117.121413 | 5.83177083 | 32.67077 | -117.11996 | 5.99670139 | 32.67247 | -117.117187 |
| 5.6673611 | 32.670410 | -117.121413 | 5.83194444 | 32.67077 | -117.11996 | 5.996875 | 32.67247 | -117.117187 |
| 5.6675347 | 32.670410 | -117.121413 | 5.83211806 | 32.67077 | -117.11996 | 5.99706019 | 32.67248 | -117.117133 |
| 5.6677083 | 32.670410 | -117.121413 | 5.83230324 | 32.67077 | -117.119933 | 5.9972338 | 32.67248 | -117.117133 |
| 5.6678819 | 32.670410 | -117.121413 | 5.83247685 | 32.67077 | -117.119933 | 5.99740741 | 32.67249 | -117.11712 |
| 5.6680556 | 32.670410 | -117.121413 | 5.83263889 | 32.67077 | -117.119933 | 5.99756944 | 32.67249 | -117.11708 |
| 5.6682292 | 32.670410 | -117.121413 | 5.8328125 | 32.67077 | -117.119933 | 5.99774306 | 32.67249 | -117.11708 |
| 5.6684144 | 32.670410 | -117.121413 | 5.83309028 | 32.67078 | -117.119933 | 5.99793982 | 32.67249 | -117.11708 |
| 5.6685880 | 32.670410 | -117.121440 | 5.8331713 | 32.67078 | -117.119933 | 5.99809028 | 32.67249 | -117.11708 |
| 5.6687500 | 32.670403 | -117.121467 | 5.83334491 | 32.67078 | -117.119933 | 5.99827546 | 32.67249 | -117.11708 |
| 5.6689236 | 32.670403 | -117.121467 | 5.83361111 | 32.67078 | -117.119933 | 5.9987963 | 32.67249 | -117.11708 |
| 5.6690972 | 32.670403 | -117.121480 | 5.83368056 | 32.67078 | -117.119933 | 5.99896991 | 32.67249 | -117.11708 |
| 5.6692708 | 32.670393 | -117.121520 | 5.83385417 | 32.67079 | -117.11992 | 5.99914352 | 32.67249 | -117.11708 |
| 5.6694444 | 32.670393 | -117.121520 | 5.83402778 | 32.67079 | -117.11992 | 5.99930556 | 32.67249 | -117.11708 |
| 5.6696181 | 32.670393 | -117.121520 | 5.83460648 | 32.6708 | -117.11992 | 5.99947917 | 32.67249 | -117.11708 |
| 5.6697917 | 32.670397 | -117.121520 | 5.8347338 | 32.6708 | -117.119907 | 5.99965278 | 32.67249 | -117.11708 |
| 5.6699653 | 32.670403 | -117.121533 | 5.83490741 | 32.67081 | -117.119893 | 5.99982639 | 32.6725 | -117.117027 |
| 5.6701389 | 32.670397 | -117.121533 | 5.83520833 | 32.67083 | -117.119867 | 6 | 32.6725 | -117.117027 |
| 5.6706597 | 32.670410 | -117.121560 | 5.83542824 | 32.67083 | -117.119867 | 6.00017361 | 32.6725 | -117.117013 |
| 5.6708333 | 32.670410 | -117.121560 | 5.83564815 | 32.67084 | -117.119853 | 6.0003588 | 32.6725 | -117.117013 |
| 5.6710069 | 32.670407 | -117.121560 | 5.83577546 | 32.67085 | -117.11984 | 6.00053241 | 32.6725 | -117.117013 |
| 5.6711806 | 32.670407 | -117.121560 | 5.83594907 | 32.67085 | -117.119827 | 6.00074074 | 32.6725 | -117.117013 |
| 5.6713542 | 32.670407 | -117.121560 | 5.83612269 | 32.67086 | -117.119827 | 6.00086806 | 32.6725 | -117.117013 |
| 5.6715278 | 32.670410 | -117.121560 | 5.8362963 | 32.67086 | -117.119813 | 6.00105324 | 32.6725 | -117.117013 |
| 5.6717014 | 32.670410 | -117.121587 | 5.83646991 | 32.67087 | -117.119813 | 6.00122685 | 32.6725 | -117.116987 |
| 5.6718750 | 32.670410 | -117.121587 | 5.83663194 | 32.67087 | -117.119813 | 6.00140046 | 32.6725 | -117.116987 |
| 5.6720486 | 32.670410 | -117.121587 | 5.83680556 | 32.67087 | -117.119813 | 6.00157407 | 32.6725 | -117.116987 |
| 5.6722222 | 32.670410 | -117.121587 | 5.83707176 | 32.67087 | -117.119813 | 6.00174769 | 32.6725 | -117.116987 |
| 5.6723958 | 32.670410 | -117.121587 | 5.83715278 | 32.67087 | -117.119813 | 6.00210648 | 32.6725 | -117.116987 |
| 5.6725694 | 32.670410 | -117.121600 | 5.83732639 | 32.67087 | -117.119813 | 6.00225694 | 32.6725 | -117.116987 |
| 5.6727431 | 32.670410 | -117.121600 | 5.8375 | 32.67087 | -117.119813 | 6.00277778 | 32.6725 | -117.116987 |
| 5.6729167 | 32.670410 | -117.121600 | 5.83771991 | 32.67088 | -117.119813 | 6.00299769 | 32.6725 | -117.116987 |
| 5.6730903 | 32.670410 | -117.121600 | 5.83784722 | 32.67088 | -117.119813 | 6.003125 | 32.6725 | -117.116987 |
| 5.6732755 | 32.670410 | -117.121600 | 5.83809028 | 32.67088 | -117.119813 | 6.00329861 | 32.6725 | -117.116987 |
| 5.6734491 | 32.670410 | -117.121600 | 5.8390625 | 32.67089 | -117.119787 | 6.0034838 | 32.6725 | -117.116973 |
| 5.6736111 | 32.670410 | -117.121600 | 5.83923611 | 32.67089 | -117.119787 | 6.00365741 | 32.67251 | -117.116947 |
| 5.6737847 | 32.670407 | -117.121613 | 5.83945602 | 32.6709 | -117.119787 | 6.00383102 | 32.67251 | -117.116947 |
| 5.6739583 | 32.670407 | -117.121613 | 5.83959491 | 32.6709 | -117.119787 | 6.00403935 | 32.67251 | -117.116933 |
| 5.6751852 | 32.670410 | -117.121653 | 5.83976852 | 32.6709 | -117.119773 | 6.00416667 | 32.67251 | -117.116933 |
| 5.6754051 | 32.670410 | -117.121653 | 5.83994213 | 32.67091 | -117.11976 | 6.00439815 | 32.67251 | -117.116933 |
| 5.6755324 | 32.670410 | -117.121667 | 5.84016204 | 32.67091 | -117.11976 | 6.00452546 | 32.67251 | -117.116933 |
| 5.6757060 | 32.670410 | -117.121667 | 5.84033565 | 32.67091 | -117.11976 | 6.00469907 | 32.67251 | -117.116933 |
| 5.6758796 | 32.670410 | -117.121667 | 5.84046296 | 32.67091 | -117.11976 | 6.00487269 | 32.67252 | -117.116933 |
| 5.6760417 | 32.670410 | -117.121667 | 5.840625 | 32.67093 | -117.11972 | 6.0050463 | 32.67252 | -117.116933 |
| 5.6762153 | 32.670410 | -117.121667 | 5.84079861 | 32.67093 | -117.11972 | 6.00521991 | 32.67252 | -117.116933 |
| 5.6764005 | 32.670413 | -117.121667 | 5.84097222 | 32.67093 | -117.11972 | 6.00538194 | 32.67252 | -117.116933 |
| 5.6765741 | 32.670413 | -117.121667 | 5.84114583 | 32.67094 | -117.11972 | 6.00555556 | 32.67252 | -117.116933 |
| 5.6767477 | 32.670413 | -117.121667 | 5.84131944 | 32.67094 | -117.11972 | 6.00572917 | 32.67252 | -117.116933 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6769213 | 32.670413 | -117.121667 | 5.84149306 | 32.67094 | -117.11972 | 6.00590278 | 32.67253 | -117.11688 |
| 5.6770833 | 32.670413 | -117.121680 | 5.84166667 | 32.67094 | -117.11972 | 6.00607639 | 32.67253 | -117.11688 |
| 5.6772569 | 32.670413 | -117.121680 | 5.84184028 | 32.67094 | -117.11972 | 6.00662037 | 32.67253 | -117.116867 |
| 5.6774306 | 32.670413 | -117.121680 | 5.84219907 | 32.67094 | -117.11972 | 6.00678241 | 32.67253 | -117.116867 |
| 5.6776157 | 32.670413 | -117.121680 | 5.84237269 | 32.67094 | -117.11972 | 6.00695602 | 32.67253 | -117.116867 |
| 5.6777894 | 32.670413 | -117.121680 | 5.84253472 | 32.67095 | -117.11972 | 6.00712963 | 32.67253 | -117.116867 |
| 5.6779514 | 32.670413 | -117.121680 | 5.84305556 | 32.67095 | -117.11972 | 6.00729167 | 32.67253 | -117.116867 |
| 5.6781250 | 32.670417 | -117.121680 | 5.84322917 | 32.67095 | -117.11972 | 6.00746528 | 32.67253 | -117.116867 |
| 5.6782986 | 32.670417 | -117.121680 | 5.84341435 | 32.67095 | -117.119707 | 6.00763889 | 32.67253 | -117.11684 |
| 5.6784838 | 32.670417 | -117.121680 | 5.84358796 | 32.67096 | -117.119707 | 6.0078125 | 32.67253 | -117.11684 |
| 5.6790046 | 32.670417 | -117.121680 | 5.84376157 | 32.67096 | -117.119707 | 6.00802083 | 32.67253 | -117.11684 |
| 5.6791782 | 32.670417 | -117.121680 | 5.84392361 | 32.67096 | -117.119707 | 6.0081713 | 32.67255 | -117.116787 |
| 5.6794097 | 32.670417 | -117.121680 | 5.84409722 | 32.67096 | -117.119707 | 6.00834491 | 32.67256 | -117.116787 |
| 5.6795139 | 32.670423 | -117.121680 | 5.84427083 | 32.67096 | -117.119693 | 6.00850694 | 32.67256 | -117.116787 |
| 5.6796991 | 32.670423 | -117.121693 | 5.84444444 | 32.67096 | -117.119693 | 6.00868056 | 32.67256 | -117.116787 |
| 5.6798727 | 32.670423 | -117.121693 | 5.84461806 | 32.67096 | -117.119693 | 6.00886574 | 32.67256 | -117.116787 |
| 5.6801042 | 32.670430 | -117.121680 | 5.84479167 | 32.67097 | -117.119693 | 6.00903935 | 32.67256 | -117.116787 |
| 5.6802083 | 32.670440 | -117.121680 | 5.84496528 | 32.67097 | -117.119693 | 6.00921296 | 32.67256 | -117.11676 |
| 5.6803819 | 32.670443 | -117.121680 | 5.84513889 | 32.67097 | -117.11968 | 6.00938657 | 32.67256 | -117.11676 |
| 5.6805556 | 32.670453 | -117.121667 | 5.84537037 | 32.67097 | -117.11968 | 6.00956019 | 32.67256 | -117.11676 |
| 5.6807407 | 32.670470 | -117.121667 | 5.84549769 | 32.67097 | -117.11968 | 6.0097338 | 32.67256 | -117.11676 |
| 5.6809144 | 32.670483 | -117.121653 | 5.8456713 | 32.67097 | -117.11968 | 6.01028935 | 32.67256 | -117.116747 |
| 5.6810880 | 32.670497 | -117.121653 | 5.84584491 | 32.67098 | -117.11968 | 6.01041667 | 32.67256 | -117.116747 |
| 5.6812500 | 32.670507 | -117.121653 | 5.84600694 | 32.67098 | -117.119667 | 6.01059028 | 32.67257 | -117.116747 |
| 5.6814236 | 32.670520 | -117.121627 | 5.84618056 | 32.67098 | -117.119667 | 6.01076389 | 32.67257 | -117.116747 |
| 5.6815972 | 32.670533 | -117.121627 | 5.84635417 | 32.67099 | -117.119667 | 6.0109375 | 32.67257 | -117.116747 |
| 5.6817708 | 32.670550 | -117.121613 | 5.84739583 | 32.671 | -117.119667 | 6.01111111 | 32.67257 | -117.116733 |
| 5.6819444 | 32.670563 | -117.121613 | 5.84756944 | 32.671 | -117.119667 | 6.01128472 | 32.67257 | -117.116733 |
| 5.6821644 | 32.670580 | -117.121600 | 5.84778935 | 32.671 | -117.11964 | 6.01145833 | 32.67257 | -117.11672 |
| 5.6823032 | 32.670593 | -117.121600 | 5.84791667 | 32.671 | -117.11964 | 6.01163194 | 32.67257 | -117.116693 |
| 5.6828125 | 32.670633 | -117.121587 | 5.84809028 | 32.67101 | -117.11964 | 6.01180556 | 32.67257 | -117.116693 |
| 5.6829861 | 32.670650 | -117.121560 | 5.84827546 | 32.67101 | -117.119627 | 6.01197917 | 32.67257 | -117.116693 |
| 5.6831713 | 32.670670 | -117.121560 | 5.84844907 | 32.67101 | -117.119627 | 6.01215278 | 32.67258 | -117.116693 |
| 5.6833449 | 32.670683 | -117.121560 | 5.84861111 | 32.67101 | -117.119627 | 6.01233796 | 32.67258 | -117.116693 |
| 5.6835301 | 32.670700 | -117.121560 | 5.84878472 | 32.67102 | -117.119613 | 6.01251157 | 32.6726 | -117.11664 |
| 5.6836806 | 32.670717 | -117.121547 | 5.84895833 | 32.67102 | -117.119613 | 6.01268519 | 32.67261 | -117.11664 |
| 5.6838542 | 32.670727 | -117.121547 | 5.84914352 | 32.67102 | -117.119613 | 6.01284722 | 32.67261 | -117.11664 |
| 5.6840394 | 32.670740 | -117.121533 | 5.84931713 | 32.67102 | -117.119613 | 6.01302083 | 32.67261 | -117.11664 |
| 5.6842130 | 32.670753 | -117.121533 | 5.84950232 | 32.67103 | -117.119613 | 6.01319444 | 32.67261 | -117.116613 |
| 5.6843750 | 32.670757 | -117.121533 | 5.84965278 | 32.67103 | -117.119613 | 6.01336806 | 32.67261 | -117.116613 |
| 5.6845602 | 32.670767 | -117.121520 | 5.84982639 | 32.67103 | -117.119613 | 6.01354167 | 32.67261 | -117.116613 |
| 5.6847338 | 32.670773 | -117.121520 | 5.85 | 32.67103 | -117.119613 | 6.01476852 | 32.67262 | -117.116573 |
| 5.6849074 | 32.670783 | -117.121507 | 5.85017361 | 32.67103 | -117.1196 | 6.01494213 | 32.67262 | -117.116573 |
| 5.6850694 | 32.670790 | -117.121507 | 5.85034722 | 32.67103 | -117.1196 | 6.01510417 | 32.67262 | -117.116573 |
| 5.6852431 | 32.670797 | -117.121507 | 5.85052083 | 32.67103 | -117.1196 | 6.01527778 | 32.67262 | -117.116573 |
| 5.6854167 | 32.670803 | -117.121507 | 5.85069444 | 32.67104 | -117.1196 | 6.01545139 | 32.67262 | -117.116573 |
| 5.6856019 | 32.670813 | -117.121507 | 5.85138889 | 32.67104 | -117.1196 | 6.015625 | 32.67262 | -117.116547 |
| 5.6857755 | 32.670830 | -117.121507 | 5.8515625 | 32.67104 | -117.119587 | 6.01579861 | 32.67262 | -117.116547 |
| 5.6859606 | 32.670833 | -117.121480 | 5.85173611 | 32.67104 | -117.119587 | 6.01597222 | 32.67262 | -117.116547 |
| 5.6861111 | 32.670837 | -117.121480 | 5.85190972 | 32.67105 | -117.119587 | 6.01614583 | 32.67263 | -117.116547 |
| 5.6868171 | 32.670863 | -117.121440 | 5.85212963 | 32.67105 | -117.119587 | 6.01631944 | 32.67263 | -117.116547 |
| 5.6869907 | 32.670863 | -117.121413 | 5.85225694 | 32.67106 | -117.119587 | 6.01649306 | 32.67263 | -117.116547 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6871644 | 32.670867 | -117.121413 | 5.85243056 | 32.67106 | -117.119587 | 6.01666667 | 32.67264 | -117.116533 |
| 5.6873264 | 32.670877 | -117.121413 | 5.85261574 | 32.67107 | -117.11956 | 6.01684028 | 32.67264 | -117.116493 |
| 5.6875000 | 32.670883 | -117.121400 | 5.85278935 | 32.67107 | -117.11956 | 6.01701389 | 32.67265 | -117.116493 |
| 5.6876736 | 32.670890 | -117.121400 | 5.85298611 | 32.67107 | -117.11956 | 6.0171875 | 32.67265 | -117.116467 |
| 5.6878472 | 32.670893 | -117.121387 | 5.85313657 | 32.67107 | -117.119547 | 6.01736111 | 32.67265 | -117.116467 |
| 5.6880208 | 32.670903 | -117.121387 | 5.85329861 | 32.67107 | -117.119547 | 6.01753472 | 32.67266 | -117.116453 |
| 5.6881944 | 32.670910 | -117.121360 | 5.85347222 | 32.67107 | -117.119547 | 6.01770833 | 32.67266 | -117.116427 |
| 5.6883681 | 32.670913 | -117.121360 | 5.85364583 | 32.67107 | -117.119547 | 6.01789352 | 32.67266 | -117.116427 |
| 5.6885417 | 32.670913 | -117.121333 | 5.85392361 | 32.67108 | -117.119547 | 6.01806713 | 32.67266 | -117.116427 |
| 5.6887153 | 32.670923 | -117.121333 | 5.85400463 | 32.67108 | -117.119547 | 6.01980324 | 32.67268 | -117.1164 |
| 5.6889005 | 32.670927 | -117.121320 | 5.85417824 | 32.67108 | -117.119547 | 6.01996528 | 32.67267 | -117.1164 |
| 5.6890741 | 32.670930 | -117.121307 | 5.85435185 | 32.67108 | -117.119533 | 6.02013889 | 32.67267 | -117.1164 |
| 5.6893403 | 32.670937 | -117.121293 | 5.85452546 | 32.67108 | -117.119533 | 6.0203125 | 32.67267 | -117.1164 |
| 5.6894213 | 32.670937 | -117.121267 | 5.85469907 | 32.67108 | -117.119533 | 6.02048611 | 32.67267 | -117.1164 |
| 5.6895949 | 32.670947 | -117.121267 | 5.85572917 | 32.67109 | -117.119533 | 6.02065972 | 32.67267 | -117.1164 |
| 5.6897685 | 32.670950 | -117.121267 | 5.85590278 | 32.67109 | -117.119533 | 6.02083333 | 32.67266 | -117.1164 |
| 5.6899421 | 32.670957 | -117.121267 | 5.85607639 | 32.6711 | -117.11952 | 6.02101852 | 32.67266 | -117.1164 |
| 5.6901042 | 32.670960 | -117.121253 | 5.85625 | 32.6711 | -117.11952 | 6.02119213 | 32.67267 | -117.1164 |
| 5.6906366 | 32.670983 | -117.121240 | 5.8565162 | 32.6711 | -117.11952 | 6.02136574 | 32.67268 | -117.1164 |
| 5.6908102 | 32.670993 | -117.121213 | 5.85659722 | 32.6711 | -117.11952 | 6.02153935 | 32.67267 | -117.1164 |
| 5.6909838 | 32.670993 | -117.121213 | 5.85681713 | 32.6711 | -117.11952 | 6.02170139 | 32.67267 | -117.1164 |
| 5.6911806 | 32.670993 | -117.121213 | 5.85694444 | 32.6711 | -117.11952 | 6.021875 | 32.67268 | -117.1164 |
| 5.6913194 | 32.670993 | -117.121213 | 5.85711806 | 32.6711 | -117.11952 | 6.02204861 | 32.67268 | -117.1164 |
| 5.6914931 | 32.671000 | -117.121187 | 5.85729167 | 32.67111 | -117.11952 | 6.02228009 | 32.67268 | -117.1164 |
| 5.6916667 | 32.670997 | -117.121173 | 5.85747685 | 32.67111 | -117.11952 | 6.02240741 | 32.67268 | -117.1164 |
| 5.6918634 | 32.670997 | -117.121160 | 5.85765046 | 32.67111 | -117.119493 | 6.02258102 | 32.67268 | -117.1164 |
| 5.6920139 | 32.670997 | -117.121160 | 5.85784722 | 32.67111 | -117.119493 | 6.02275463 | 32.67268 | -117.1164 |
| 5.6921875 | 32.670997 | -117.121160 | 5.85799769 | 32.67111 | -117.119493 | 6.02292824 | 32.67267 | -117.1164 |
| 5.6923611 | 32.670997 | -117.121147 | 5.8581713 | 32.67111 | -117.119493 | 6.0237963 | 32.67268 | -117.116427 |
| 5.6925463 | 32.670997 | -117.121147 | 5.85833333 | 32.67112 | -117.119493 | 6.02396991 | 32.6727 | -117.11644 |
| 5.6927199 | 32.670997 | -117.121147 | 5.85850694 | 32.67112 | -117.119493 | 6.02413194 | 32.67272 | -117.116453 |
| 5.6928935 | 32.670997 | -117.121147 | 5.85868056 | 32.67112 | -117.119493 | 6.02430556 | 32.67271 | -117.11644 |
| 5.6930556 | 32.670997 | -117.121147 | 5.85886574 | 32.67112 | -117.119493 | 6.02447917 | 32.67271 | -117.116427 |
| 5.6932292 | 32.670997 | -117.121147 | 5.85913194 | 32.67112 | -117.11948 | 6.02466435 | 32.67272 | -117.116453 |
| 5.6934028 | 32.670993 | -117.121147 | 5.85956019 | 32.67113 | -117.11948 | 6.02483796 | 32.6727 | -117.11644 |
| 5.6935764 | 32.670993 | -117.121120 | 5.8597338 | 32.67113 | -117.11948 | 6.02501157 | 32.67267 | -117.11644 |
| 5.6937616 | 32.670993 | -117.121120 | 5.86 | 32.67113 | -117.11948 | 6.02518519 | 32.67271 | -117.116427 |
| 5.6939352 | 32.670993 | -117.121107 | 5.86008102 | 32.67114 | -117.119467 | 6.0253588 | 32.67271 | -117.116427 |
| 5.6944444 | 32.670993 | -117.121067 | 5.86024306 | 32.67115 | -117.119467 | 6.02553241 | 32.6727 | -117.116427 |
| 5.6946181 | 32.670993 | -117.121067 | 5.86041667 | 32.67115 | -117.119467 | 6.02569444 | 32.67268 | -117.1164 |
| 5.6948032 | 32.670993 | -117.121067 | 5.86061343 | 32.67115 | -117.119467 | 6.02586806 | 32.67268 | -117.11644 |
| 5.6949769 | 32.670993 | -117.121067 | 5.86076389 | 32.67115 | -117.119467 | 6.02604167 | 32.67268 | -117.11644 |
| 5.6951505 | 32.670993 | -117.121067 | 5.8609375 | 32.67119 | -117.11944 | 6.02621528 | 32.67267 | -117.11644 |
| 5.6953125 | 32.670993 | -117.121067 | 5.86111111 | 32.67123 | -117.1194 | 6.02638889 | 32.67266 | -117.11644 |
| 5.6955324 | 32.670997 | -117.121027 | 5.86128472 | 32.67123 | -117.1194 | 6.0265625 | 32.67267 | -117.116453 |
| 5.6956597 | 32.671000 | -117.121013 | 5.86145833 | 32.67124 | -117.1194 | 6.02673611 | 32.67267 | -117.116453 |
| 5.6958333 | 32.671000 | -117.121000 | 5.86163194 | 32.67124 | -117.1194 | 6.02690972 | 32.67267 | -117.11644 |
| 5.6960069 | 32.670997 | -117.121000 | 5.86180556 | 32.67124 | -117.1194 | 6.02708333 | 32.67266 | -117.11644 |
| 5.6961806 | 32.670997 | -117.120973 | 5.86200232 | 32.67124 | -117.1194 | 6.02761574 | 32.67265 | -117.116427 |
| 5.6963542 | 32.671003 | -117.120960 | 5.86215278 | 32.67124 | -117.1194 | 6.02778935 | 32.67265 | -117.116427 |
| 5.6965278 | 32.671003 | -117.120947 | 5.86232639 | 32.67124 | -117.1194 | 6.02796296 | 32.67265 | -117.116427 |
| 5.6967014 | 32.671000 | -117.120933 | 5.86251157 | 32.67124 | -117.1194 | 6.02813657 | 32.67265 | -117.11644 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6968750 | 32.671000 | -117.120920 | 5.86268519 | 32.67125 | -117.1194 | 6.02831019 | 32.67265 | -117.11644 |
| 5.6970486 | 32.671003 | -117.120920 | 5.86290509 | 32.67125 | -117.1194 | 6.0284838 | 32.67265 | -117.116453 |
| 5.6972222 | 32.671007 | -117.120893 | 5.86336806 | 32.67125 | -117.119387 | 6.02865741 | 32.67265 | -117.11644 |
| 5.6973958 | 32.671003 | -117.120880 | 5.86354167 | 32.67125 | -117.119387 | 6.02883102 | 32.67265 | -117.116427 |
| 5.6975694 | 32.671007 | -117.120867 | 5.86371528 | 32.67125 | -117.119387 | 6.02900463 | 32.67265 | -117.11644 |
| 5.6977778 | 32.671007 | -117.120853 | 5.86388889 | 32.67126 | -117.119387 | 6.02917824 | 32.67265 | -117.11644 |
| 5.6982639 | 32.671017 | -117.120813 | 5.86407407 | 32.67126 | -117.119387 | 6.02935185 | 32.67267 | -117.116427 |
| 5.6984375 | 32.671020 | -117.120800 | 5.86434028 | 32.67126 | -117.119373 | 6.02952546 | 32.67272 | -117.1164 |
| 5.6986111 | 32.671020 | -117.120787 | 5.8644213 | 32.67126 | -117.119373 | 6.02969907 | 32.67274 | -117.1164 |
| 5.6987847 | 32.671030 | -117.120747 | 5.8646412 | 32.67126 | -117.119373 | 6.02987269 | 32.67271 | -117.1164 |
| 5.6989583 | 32.671030 | -117.120747 | 5.86476852 | 32.67126 | -117.119373 | 6.0300463 | 32.6727 | -117.116427 |
| 5.6991319 | 32.671030 | -117.120733 | 5.86493056 | 32.67126 | -117.119373 | 6.03021991 | 32.67271 | -117.116427 |
| 5.6993056 | 32.671030 | -117.120720 | 5.86510417 | 32.67127 | -117.119347 | 6.03039352 | 32.67268 | -117.11644 |
| 5.6994792 | 32.671033 | -117.120707 | 5.86527778 | 32.67128 | -117.119347 | 6.03055556 | 32.67272 | -117.116467 |
| 5.6996528 | 32.671040 | -117.120693 | 5.86549769 | 32.67128 | -117.119347 | 6.03072917 | 32.67272 | -117.11652 |
| 5.6998264 | 32.671033 | -117.120667 | 5.86563657 | 32.67128 | -117.119347 | 6.03091435 | 32.67273 | -117.116573 |
| 5.7000000 | 32.671023 | -117.120667 | 5.86581019 | 32.67128 | -117.119347 | 6.03125 | 32.67274 | -117.11664 |
| 5.7001736 | 32.671007 | -117.120653 | 5.86597222 | 32.67128 | -117.119347 | 6.03142361 | 32.67276 | -117.11668 |
| 5.7003472 | 32.670997 | -117.120653 | 5.86614583 | 32.67128 | -117.119347 | 6.03159722 | 32.67276 | -117.11672 |
| 5.7005208 | 32.670980 | -117.120653 | 5.86631944 | 32.67128 | -117.119347 | 6.03177083 | 32.67278 | -117.11672 |
| 5.7006944 | 32.670960 | -117.120627 | 5.86649306 | 32.67129 | -117.119347 | 6.03194444 | 32.67278 | -117.11672 |
| 5.7008681 | 32.670937 | -117.120627 | 5.86667824 | 32.67129 | -117.119347 | 6.03211806 | 32.67278 | -117.11672 |
| 5.7010417 | 32.670913 | -117.120627 | 5.86719907 | 32.6713 | -117.119347 | 6.03229167 | 32.67278 | -117.11672 |
| 5.7012269 | 32.670900 | -117.120600 | 5.86737269 | 32.6713 | -117.119347 | 6.03246528 | 32.67278 | -117.11672 |
| 5.7014005 | 32.670877 | -117.120600 | 5.8675463 | 32.6713 | -117.119347 | 6.03265046 | 32.67278 | -117.11672 |
| 5.7015741 | 32.670863 | -117.120600 | 5.86775463 | 32.6713 | -117.119347 | 6.03282407 | 32.67278 | -117.11672 |
| 5.7032986 | 32.670690 | -117.120547 | 5.86788194 | 32.67131 | -117.119333 | 6.03298611 | 32.67278 | -117.11672 |
| 5.7034722 | 32.670673 | -117.120547 | 5.86805556 | 32.67131 | -117.119333 | 6.03315972 | 32.67278 | -117.11672 |
| 5.7036574 | 32.670670 | -117.120547 | 5.86822917 | 32.67131 | -117.119333 | 6.03333333 | 32.67278 | -117.116693 |
| 5.7038310 | 32.670660 | -117.120547 | 5.86841435 | 32.67131 | -117.119333 | 6.03350694 | 32.67278 | -117.116693 |
| 5.7040046 | 32.670637 | -117.120573 | 5.86868056 | 32.67131 | -117.119333 | 6.03369213 | 32.67278 | -117.116693 |
| 5.7041782 | 32.670623 | -117.120600 | 5.86876157 | 32.67131 | -117.119333 | 6.03386574 | 32.67278 | -117.116693 |
| 5.7043519 | 32.670623 | -117.120600 | 5.86893519 | 32.67131 | -117.119333 | 6.03402778 | 32.67278 | -117.116693 |
| 5.7045139 | 32.670610 | -117.120653 | 5.8691088 | 32.67132 | -117.119333 | 6.03420139 | 32.67277 | -117.116693 |
| 5.7046875 | 32.670610 | -117.120667 | 5.86928241 | 32.67132 | -117.119333 | 6.034375 | 32.67277 | -117.116693 |
| 5.7048611 | 32.670600 | -117.120693 | 5.86944444 | 32.67132 | -117.119333 | 6.03489583 | 32.67277 | -117.116693 |
| 5.7050463 | 32.670623 | -117.120707 | 5.86961806 | 32.67132 | -117.11932 | 6.03512732 | 32.67277 | -117.116693 |
| 5.7052199 | 32.670630 | -117.120693 | 5.86979167 | 32.67135 | -117.119307 | 6.03525463 | 32.67277 | -117.116693 |
| 5.7053819 | 32.670623 | -117.120707 | 5.86997685 | 32.67135 | -117.119293 | 6.03542824 | 32.67277 | -117.116693 |
| 5.7055556 | 32.670617 | -117.120733 | 5.87015046 | 32.67135 | -117.119293 | 6.03560185 | 32.67277 | -117.116693 |
| 5.7057292 | 32.670617 | -117.120747 | 5.87032407 | 32.67135 | -117.119293 | 6.03577546 | 32.67277 | -117.116693 |
| 5.7059144 | 32.670623 | -117.120787 | 5.87048611 | 32.67135 | -117.119293 | 6.0359375 | 32.67277 | -117.11668 |
| 5.7060880 | 32.670617 | -117.120813 | 5.87101852 | 32.67136 | -117.119293 | 6.03611111 | 32.67277 | -117.11668 |
| 5.7062616 | 32.670623 | -117.120840 | 5.87119213 | 32.67136 | -117.119293 | 6.03628472 | 32.67277 | -117.11668 |
| 5.7065278 | 32.670623 | -117.120867 | 5.87136574 | 32.67136 | -117.119293 | 6.03645833 | 32.67277 | -117.11668 |
| 5.7066088 | 32.670627 | -117.120867 | 5.87152778 | 32.67136 | -117.119293 | 6.03663194 | 32.67277 | -117.11668 |
| 5.7071181 | 32.670627 | -117.120920 | 5.87170139 | 32.67137 | -117.119293 | 6.03680556 | 32.67277 | -117.11668 |
| 5.7072917 | 32.670627 | -117.120933 | 5.871875 | 32.67137 | -117.119293 | 6.03697917 | 32.67277 | -117.11668 |
| 5.7074769 | 32.670623 | -117.120947 | 5.87204861 | 32.67137 | -117.119293 | 6.03715278 | 32.67276 | -117.11668 |
| 5.7076852 | 32.670623 | -117.120960 | 5.8722338 | 32.67137 | -117.119293 | 6.03732639 | 32.67276 | -117.11668 |
| 5.7078125 | 32.670617 | -117.120973 | 5.87240741 | 32.67137 | -117.119293 | 6.0375 | 32.67276 | -117.11668 |
| 5.7079861 | 32.670617 | -117.120973 | 5.87256944 | 32.67137 | -117.119293 | 6.03767361 | 32.67276 | -117.11668 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.7081597 | 32.670617 | -117.121000 | 5.87274306 | 32.67138 | -117.119267 | 6.0378588 | 32.67276 | -117.11668 |
| 5.7083449 | 32.670617 | -117.121013 | 5.87291667 | 32.67138 | -117.119267 | 6.03803241 | 32.67276 | -117.116667 |
| 5.7085185 | 32.670617 | -117.121013 | 5.87309028 | 32.67138 | -117.119267 | 6.03820602 | 32.67273 | -117.11664 |
| 5.7086921 | 32.670610 | -117.121040 | 5.87326389 | 32.67138 | -117.119267 | 6.03994213 | 32.67266 | -117.116587 |
| 5.7088542 | 32.670610 | -117.121067 | 5.8734375 | 32.6714 | -117.119253 | 6.04011574 | 32.67266 | -117.116587 |
| 5.7090278 | 32.670610 | -117.121067 | 5.87361111 | 32.6714 | -117.119253 | 6.04028935 | 32.67265 | -117.116587 |
| 5.7092014 | 32.670617 | -117.121067 | 5.87378472 | 32.6714 | -117.11924 | 6.04046296 | 32.67265 | -117.116587 |
| 5.7093866 | 32.670613 | -117.121067 | 5.87395833 | 32.67141 | -117.119227 | 6.04063657 | 32.67265 | -117.116587 |
| 5.7095602 | 32.670610 | -117.121067 | 5.87413194 | 32.67143 | -117.1192 | 6.04081019 | 32.67265 | -117.116587 |
| 5.7097801 | 32.670610 | -117.121067 | 5.87431713 | 32.67143 | -117.1192 | 6.0409838 | 32.67265 | -117.116587 |
| 5.7099074 | 32.670610 | -117.121067 | 5.87483796 | 32.67144 | -117.1192 | 6.04115741 | 32.67264 | -117.116587 |
| 5.7100810 | 32.670607 | -117.121067 | 5.87505787 | 32.67144 | -117.1192 | 6.04133102 | 32.67263 | -117.116587 |
| 5.7102431 | 32.670600 | -117.121067 | 5.87518519 | 32.67144 | -117.1192 | 6.04150463 | 32.67261 | -117.116587 |
| 5.7104167 | 32.670600 | -117.121067 | 5.87537037 | 32.67144 | -117.1192 | 6.04167824 | 32.6726 | -117.1166 |
| 5.7109838 | 32.670580 | -117.121067 | 5.87552083 | 32.67145 | -117.119187 | 6.04185185 | 32.6726 | -117.1166 |
| 5.7111111 | 32.670573 | -117.121067 | 5.87569444 | 32.67146 | -117.119147 | 6.04202546 | 32.6726 | -117.1166 |
| 5.7112847 | 32.670563 | -117.121067 | 5.87597222 | 32.67147 | -117.119147 | 6.04219907 | 32.6726 | -117.1166 |
| 5.7114583 | 32.670560 | -117.121067 | 5.87605324 | 32.67147 | -117.119147 | 6.04237269 | 32.6726 | -117.1166 |
| 5.7116435 | 32.670553 | -117.121067 | 5.87622685 | 32.67147 | -117.119147 | 6.0425463 | 32.6726 | -117.1166 |
| 5.7118171 | 32.670550 | -117.121067 | 5.87638889 | 32.67147 | -117.119147 | 6.04271991 | 32.6726 | -117.1166 |
| 5.7120486 | 32.670543 | -117.121067 | 5.8765625 | 32.67147 | -117.119147 | 6.04289352 | 32.6726 | -117.1166 |
| 5.7121528 | 32.670543 | -117.121067 | 5.87673611 | 32.67149 | -117.11912 | 6.04306713 | 32.6726 | -117.1166 |
| 5.7123264 | 32.670543 | -117.121067 | 5.8769213 | 32.67149 | -117.11912 | 6.04322917 | 32.6726 | -117.1166 |
| 5.7125347 | 32.670540 | -117.121067 | 5.87709491 | 32.67149 | -117.11912 | 6.04428241 | 32.67258 | -117.1166 |
| 5.7126852 | 32.670537 | -117.121080 | 5.87726852 | 32.67149 | -117.11912 | 6.04445602 | 32.67256 | -117.116613 |
| 5.7128819 | 32.670527 | -117.121080 | 5.87744213 | 32.6715 | -117.119107 | 6.04462963 | 32.67255 | -117.116613 |
| 5.7130324 | 32.670527 | -117.121080 | 5.87760417 | 32.67153 | -117.119053 | 6.04480324 | 32.67254 | -117.11664 |
| 5.7132060 | 32.670520 | -117.121107 | 5.87777778 | 32.67157 | -117.119013 | 6.04497685 | 32.67254 | -117.11664 |
| 5.7133681 | 32.670513 | -117.121120 | 5.87795139 | 32.67157 | -117.119013 | 6.04515046 | 32.67255 | -117.11664 |
| 5.7135417 | 32.670503 | -117.121120 | 5.878125 | 32.67157 | -117.119 | 6.04532407 | 32.67255 | -117.11664 |
| 5.7137153 | 32.670490 | -117.121120 | 5.87865741 | 32.67157 | -117.119 | 6.04549769 | 32.67254 | -117.11664 |
| 5.7138889 | 32.670487 | -117.121147 | 5.87881944 | 32.67158 | -117.119 | 6.0456713 | 32.67254 | -117.11664 |
| 5.7140741 | 32.670477 | -117.121160 | 5.87899306 | 32.67158 | -117.119 | 6.04584491 | 32.67253 | -117.11664 |
| 5.7142477 | 32.670467 | -117.121187 | 5.87916667 | 32.67159 | -117.119 | 6.04601852 | 32.67253 | -117.11664 |
| 5.7147569 | 32.670450 | -117.121213 | 5.87935185 | 32.67159 | -117.118973 | 6.04619213 | 32.67253 | -117.11664 |
| 5.7149421 | 32.670443 | -117.121240 | 5.87952546 | 32.67159 | -117.118973 | 6.04635417 | 32.67253 | -117.11664 |
| 5.7151157 | 32.670440 | -117.121253 | 5.8796875 | 32.67159 | -117.118973 | 6.04652778 | 32.67253 | -117.11664 |
| 5.7152894 | 32.670440 | -117.121253 | 5.87986111 | 32.67159 | -117.11896 | 6.04670139 | 32.67253 | -117.11664 |
| 5.7154630 | 32.670440 | -117.121253 | 5.88008102 | 32.67159 | -117.11896 | 6.046875 | 32.67253 | -117.11664 |
| 5.7156250 | 32.670443 | -117.121267 | 5.88020833 | 32.67159 | -117.11896 | 6.04704861 | 32.67253 | -117.11664 |
| 5.7157986 | 32.670443 | -117.121267 | 5.88040509 | 32.67159 | -117.11896 | 6.04722222 | 32.67253 | -117.11664 |
| 5.7159838 | 32.670443 | -117.121293 | 5.88056713 | 32.6716 | -117.11896 | 6.04739583 | 32.67253 | -117.11664 |
| 5.7161574 | 32.670443 | -117.121307 | 5.88074074 | 32.6716 | -117.118947 | 6.04756944 | 32.67253 | -117.11664 |
| 5.7164005 | 32.670447 | -117.121333 | 5.88091435 | 32.6716 | -117.118947 | 6.04809028 | 32.67253 | -117.11664 |
| 5.7165046 | 32.670447 | -117.121360 | 5.88109954 | 32.6716 | -117.118947 | 6.04826389 | 32.67252 | -117.11664 |
| 5.7166782 | 32.670450 | -117.121360 | 5.88125 | 32.6716 | -117.118947 | 6.0484375 | 32.67251 | -117.116653 |
| 5.7168519 | 32.670453 | -117.121387 | 5.88142361 | 32.6716 | -117.118947 | 6.04861111 | 32.6725 | -117.116667 |
| 5.7170255 | 32.670460 | -117.121400 | 5.88159722 | 32.67161 | -117.118947 | 6.04878472 | 32.67251 | -117.11668 |
| 5.7173264 | 32.670470 | -117.121413 | 5.88177083 | 32.67161 | -117.118947 | 6.04895833 | 32.67251 | -117.11668 |
| 5.7175463 | 32.670477 | -117.121453 | 5.88203704 | 32.67161 | -117.118933 | 6.04913194 | 32.67251 | -117.11668 |
| 5.7177083 | 32.670480 | -117.121480 | 5.88247685 | 32.67161 | -117.118933 | 6.04930556 | 32.67251 | -117.11668 |
| 5.7178819 | 32.670487 | -117.121507 | 5.88265046 | 32.67161 | -117.118933 | 6.04947917 | 32.67251 | -117.11668 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.7180556 | 32.670490 | -117.121520 | 5.88282407 | 32.67163 | -117.118893 | 6.04965278 | 32.67251 | -117.11668 |
| 5.7182292 | 32.670500 | -117.121533 | 5.88298611 | 32.67163 | -117.118893 | 6.04983796 | 32.67251 | -117.11668 |
| 5.7189236 | 32.670523 | -117.121600 | 5.88315972 | 32.67166 | -117.118867 | 6.05001157 | 32.67251 | -117.11668 |
| 5.7191435 | 32.670527 | -117.121613 | 5.88334491 | 32.67166 | -117.118867 | 6.05018519 | 32.67251 | -117.11668 |
| 5.7192708 | 32.670533 | -117.121627 | 5.88351852 | 32.67166 | -117.118867 | 6.0503588 | 32.67251 | -117.11668 |
| 5.7195370 | 32.670543 | -117.121667 | 5.88368056 | 32.67166 | -117.118867 | 6.05052083 | 32.67251 | -117.11668 |
| 5.7196181 | 32.670550 | -117.121667 | 5.88392361 | 32.67166 | -117.118867 | 6.05069444 | 32.67251 | -117.11668 |
| 5.7198032 | 32.670553 | -117.121680 | 5.88402778 | 32.67166 | -117.118853 | 6.05086806 | 32.67251 | -117.11668 |
| 5.7199769 | 32.670563 | -117.121707 | 5.88420139 | 32.67168 | -117.118853 | 6.05104167 | 32.67251 | -117.11668 |
| 5.7201389 | 32.670573 | -117.121733 | 5.88439815 | 32.67168 | -117.118827 | 6.05121528 | 32.67251 | -117.11668 |
| 5.7203472 | 32.670587 | -117.121747 | 5.88454861 | 32.67168 | -117.118827 | 6.05138889 | 32.67251 | -117.11668 |
| 5.7204977 | 32.670587 | -117.121773 | 5.8847338 | 32.67168 | -117.118827 | 6.05364583 | 32.6725 | -117.116693 |
| 5.7206713 | 32.670590 | -117.121800 | 5.88496528 | 32.6717 | -117.1188 | 6.05381944 | 32.6725 | -117.116693 |
| 5.7208333 | 32.670597 | -117.121813 | 5.88506944 | 32.6717 | -117.1188 | 6.05399306 | 32.6725 | -117.116693 |
| 5.7210069 | 32.670597 | -117.121840 | 5.8852662 | 32.67171 | -117.118787 | 6.05416667 | 32.6725 | -117.116693 |
| 5.7211806 | 32.670600 | -117.121853 | 5.88541667 | 32.67172 | -117.118747 | 6.05434028 | 32.6725 | -117.116693 |
| 5.7213542 | 32.670600 | -117.121853 | 5.88560185 | 32.67172 | -117.118747 | 6.05451389 | 32.6725 | -117.116693 |
| 5.7215278 | 32.670607 | -117.121880 | 5.88577546 | 32.67173 | -117.11872 | 6.0546875 | 32.6725 | -117.116693 |
| 5.7217477 | 32.670610 | -117.121920 | 5.88628472 | 32.67173 | -117.11872 | 6.05486111 | 32.6725 | -117.116693 |
| 5.7218866 | 32.670617 | -117.121947 | 5.88645833 | 32.67174 | -117.118707 | 6.05503472 | 32.6725 | -117.116693 |
| 5.7220602 | 32.670623 | -117.121947 | 5.88663194 | 32.67174 | -117.118707 | 6.05520833 | 32.6725 | -117.116693 |
| 5.7222222 | 32.670623 | -117.121947 | 5.88685185 | 32.67174 | -117.118707 | 6.05538194 | 32.6725 | -117.116693 |
| 5.7230208 | 32.670630 | -117.122000 | 5.88697917 | 32.67175 | -117.118667 | 6.05555556 | 32.6725 | -117.116693 |
| 5.7231019 | 32.670630 | -117.122027 | 5.88719907 | 32.67177 | -117.118653 | 6.05572917 | 32.6725 | -117.116693 |
| 5.7232755 | 32.670633 | -117.122040 | 5.88732639 | 32.67177 | -117.118653 | 6.05590278 | 32.6725 | -117.116693 |
| 5.7234491 | 32.670637 | -117.122053 | 5.8875 | 32.67177 | -117.118613 | 6.05607639 | 32.6725 | -117.116693 |
| 5.7236111 | 32.670637 | -117.122067 | 5.88767361 | 32.67177 | -117.118613 | 6.05625 | 32.6725 | -117.116693 |
| 5.7237847 | 32.670647 | -117.122080 | 5.88784722 | 32.67178 | -117.118613 | 6.05642361 | 32.6725 | -117.116693 |
| 5.7239583 | 32.670647 | -117.122107 | 5.88802083 | 32.6718 | -117.118587 | 6.05659722 | 32.6725 | -117.116693 |
| 5.7241319 | 32.670653 | -117.122133 | 5.88819444 | 32.6718 | -117.118587 | 6.05677083 | 32.6725 | -117.116693 |
| 5.7243056 | 32.670663 | -117.122147 | 5.88836806 | 32.6718 | -117.118587 | 6.05833333 | 32.67249 | -117.116693 |
| 5.7244792 | 32.670667 | -117.122173 | 5.88854167 | 32.6718 | -117.118573 | 6.05850694 | 32.67249 | -117.116693 |
| 5.7246528 | 32.670670 | -117.122187 | 5.88871528 | 32.6718 | -117.118573 | 6.05868056 | 32.67249 | -117.116693 |
| 5.7248264 | 32.670673 | -117.122187 | 5.88890046 | 32.6718 | -117.11856 | 6.05885417 | 32.67249 | -117.116693 |
| 5.7250000 | 32.670680 | -117.122200 | 5.88907407 | 32.67182 | -117.11856 | 6.05902778 | 32.67249 | -117.11672 |
| 5.7251852 | 32.670690 | -117.122227 | 5.88923611 | 32.67183 | -117.11852 | 6.05920139 | 32.67249 | -117.11672 |
| 5.7253588 | 32.670693 | -117.122253 | 5.88940972 | 32.67184 | -117.11852 | 6.059375 | 32.67249 | -117.11672 |
| 5.7255903 | 32.670700 | -117.122267 | 5.88958333 | 32.67184 | -117.11852 | 6.05954861 | 32.67249 | -117.11672 |
| 5.7256944 | 32.670707 | -117.122280 | 5.8899537 | 32.67184 | -117.11852 | 6.05972222 | 32.67249 | -117.11672 |
| 5.7258681 | 32.670710 | -117.122320 | 5.89010417 | 32.67184 | -117.118507 | 6.05989583 | 32.67249 | -117.11672 |
| 5.7260417 | 32.670717 | -117.122320 | 5.89027778 | 32.67184 | -117.118507 | 6.06006944 | 32.67249 | -117.11672 |
| 5.7262153 | 32.670717 | -117.122333 | 5.89045139 | 32.67184 | -117.118507 | 6.06024306 | 32.67249 | -117.11672 |
| 5.7267477 | 32.670727 | -117.122373 | 5.890625 | 32.67184 | -117.118493 | 6.06041667 | 32.67249 | -117.11672 |
| 5.7269213 | 32.670730 | -117.122400 | 5.89081019 | 32.67184 | -117.118493 | 6.06059028 | 32.67249 | -117.11672 |
| 5.7271644 | 32.670737 | -117.122413 | 5.8909838 | 32.67188 | -117.118453 | 6.06076389 | 32.67249 | -117.11672 |
| 5.7272685 | 32.670740 | -117.122427 | 5.89115741 | 32.67188 | -117.118453 | 6.0609375 | 32.67249 | -117.11672 |
| 5.7274306 | 32.670743 | -117.122467 | 5.89131944 | 32.67188 | -117.118453 | 6.06111111 | 32.67249 | -117.11672 |
| 5.7276042 | 32.670747 | -117.122467 | 5.89149306 | 32.67188 | -117.11844 | 6.06128472 | 32.67249 | -117.11672 |
| 5.7277894 | 32.670753 | -117.122480 | 5.89166667 | 32.67188 | -117.11844 | 6.06145833 | 32.67249 | -117.11672 |
| 5.7279630 | 32.670753 | -117.122520 | 5.89184028 | 32.67188 | -117.11844 | 6.06197917 | 32.67249 | -117.11672 |
| 5.7281366 | 32.670753 | -117.122520 | 5.89201389 | 32.67188 | -117.118427 | 6.06215278 | 32.67249 | -117.11672 |
| 5.7282986 | 32.670753 | -117.122547 | 5.8921875 | 32.67189 | -117.118427 | 6.06232639 | 32.67249 | -117.11672 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.7284722 | 32.670753 | -117.122573 | 5.89236111 | 32.67189 | -117.118427 | 6.0625 | 32.67249 | -117.11672 |
| 5.7286458 | 32.670760 | -117.122587 | 5.89253472 | 32.67189 | -117.118427 | 6.06267361 | 32.67249 | -117.11672 |
| 5.7288657 | 32.670760 | -117.122613 | 5.89270833 | 32.6719 | -117.118413 | 6.06284722 | 32.67249 | -117.11672 |
| 5.7289931 | 32.670760 | -117.122627 | 5.89288194 | 32.6719 | -117.118413 | 6.06302083 | 32.67249 | -117.11672 |
| 5.7291782 | 32.670757 | -117.122653 | 5.89305556 | 32.6719 | -117.118413 | 6.06319444 | 32.67249 | -117.11672 |
| 5.7293519 | 32.670753 | -117.122667 | 5.89324074 | 32.6719 | -117.118413 | 6.06336806 | 32.67249 | -117.11672 |
| 5.7296181 | 32.670760 | -117.122707 | 5.89376157 | 32.67192 | -117.118373 | 6.06354167 | 32.67249 | -117.11672 |
| 5.7297917 | 32.670753 | -117.122720 | 5.89392361 | 32.67192 | -117.118373 | 6.06371528 | 32.67249 | -117.11672 |
| 5.7298727 | 32.670753 | -117.122733 | 5.89409722 | 32.67193 | -117.11836 | 6.06388889 | 32.67249 | -117.11672 |
| 5.7300463 | 32.670753 | -117.122760 | 5.89427083 | 32.67193 | -117.11836 | 6.0640625 | 32.67249 | -117.11672 |
| 5.7305903 | 32.670730 | -117.122813 | 5.89449074 | 32.67195 | -117.118333 | 6.06423611 | 32.67249 | -117.11672 |
| 5.7307292 | 32.670727 | -117.122840 | 5.8946875 | 32.67195 | -117.118333 | 6.06440972 | 32.67249 | -117.11672 |
| 5.7309028 | 32.670723 | -117.122867 | 5.89479167 | 32.67196 | -117.118293 | 6.06458333 | 32.67249 | -117.11672 |
| 5.7311343 | 32.670720 | -117.122880 | 5.89497685 | 32.67198 | -117.11828 | 6.06475694 | 32.67249 | -117.11672 |
| 5.7312616 | 32.670720 | -117.122907 | 5.89515046 | 32.67199 | -117.11824 | 6.06493056 | 32.67249 | -117.11672 |
| 5.7314352 | 32.670710 | -117.122920 | 5.89532407 | 32.67201 | -117.11824 | 6.06510417 | 32.67249 | -117.11672 |
| 5.7315972 | 32.670707 | -117.122947 | 5.89549769 | 32.67201 | -117.118227 | 6.06527778 | 32.67249 | -117.11672 |
| 5.7317708 | 32.670703 | -117.122960 | 5.8956713 | 32.67202 | -117.118213 | 6.06739583 | 32.67249 | -117.11672 |
| 5.7319907 | 32.670700 | -117.122987 | 5.89583333 | 32.67203 | -117.1182 | 6.0675463 | 32.67249 | -117.11672 |
| 5.7321296 | 32.670693 | -117.123000 | 5.89600694 | 32.67203 | -117.118187 | 6.06771991 | 32.67249 | -117.11672 |
| 5.7323032 | 32.670693 | -117.123013 | 5.89618056 | 32.67204 | -117.118187 | 6.06789352 | 32.67249 | -117.11672 |
| 5.7324769 | 32.670693 | -117.123053 | 5.89635417 | 32.67206 | -117.118147 | 6.06806713 | 32.67249 | -117.11672 |
| 5.7326389 | 32.670693 | -117.123053 | 5.89653935 | 32.67206 | -117.118133 | 6.06824074 | 32.67249 | -117.11672 |
| 5.7328125 | 32.670690 | -117.123067 | 5.89678241 | 32.67208 | -117.11812 | 6.06841435 | 32.67249 | -117.11672 |
| 5.7330093 | 32.670690 | -117.123093 | 5.89688657 | 32.67208 | -117.118093 | 6.06858796 | 32.67249 | -117.11672 |
| 5.7331597 | 32.670687 | -117.123107 | 5.89706019 | 32.67209 | -117.11808 | 6.06876157 | 32.67248 | -117.116693 |
| 5.7333449 | 32.670683 | -117.123133 | 5.89828704 | 32.67216 | -117.117987 | 6.06893519 | 32.67248 | -117.116693 |
| 5.7335185 | 32.670680 | -117.123147 | 5.89849537 | 32.67217 | -117.117947 | 6.0691088 | 32.67248 | -117.116693 |
| 5.7336806 | 32.670680 | -117.123173 | 5.89862269 | 32.67217 | -117.117947 | 6.06928241 | 32.67248 | -117.116693 |
| 5.7338542 | 32.670680 | -117.123200 | 5.8987963 | 32.67218 | -117.117933 | 6.06944444 | 32.67248 | -117.116693 |
| 5.7349074 | 32.670687 | -117.123320 | 5.89896991 | 32.67219 | -117.117933 | 6.06961806 | 32.67248 | -117.116693 |
| 5.7350810 | 32.670690 | -117.123333 | 5.89914352 | 32.6722 | -117.11792 | 6.06979167 | 32.67248 | -117.116693 |
| 5.7352431 | 32.670693 | -117.123333 | 5.89931713 | 32.6722 | -117.117907 | 6.06996528 | 32.67248 | -117.116693 |
| 5.7354282 | 32.670700 | -117.123373 | 5.89958333 | 32.67221 | -117.117893 | 6.07013889 | 32.67248 | -117.116693 |
| 5.7356019 | 32.670693 | -117.123387 | 5.8996875 | 32.67222 | -117.117867 | 6.0703125 | 32.67248 | -117.116693 |
| 5.7357755 | 32.670693 | -117.123427 | 5.89982639 | 32.67222 | -117.117867 | 6.07048611 | 32.67248 | -117.116693 |
| 5.7359491 | 32.670693 | -117.123427 | 5.90001157 | 32.67223 | -117.117853 | 6.07152778 | 32.67248 | -117.116693 |
| 5.7361227 | 32.670700 | -117.123453 | 5.90018519 | 32.67224 | -117.11784 | 6.07170139 | 32.67247 | -117.11672 |
| 5.7363079 | 32.670703 | -117.123467 | 5.9003588 | 32.67225 | -117.1178 | 6.071875 | 32.6725 | -117.116733 |
| 5.7364583 | 32.670707 | -117.123480 | 5.90053241 | 32.67226 | -117.1178 | 6.07204861 | 32.67249 | -117.11672 |
| 5.7366435 | 32.670710 | -117.123507 | 5.90069444 | 32.67226 | -117.1178 | 6.07222222 | 32.67251 | -117.116733 |
| 5.7368171 | 32.670710 | -117.123533 | 5.90086806 | 32.67227 | -117.117787 | 6.07239583 | 32.67249 | -117.11672 |
| 5.7369907 | 32.670710 | -117.123547 | 5.90104167 | 32.67228 | -117.117773 | 6.07256944 | 32.67248 | -117.116733 |
| 5.7371644 | 32.670717 | -117.123573 | 5.90126157 | 32.67228 | -117.11776 | 6.07274306 | 32.67248 | -117.116733 |
| 5.7373380 | 32.670720 | -117.123587 | 5.90138889 | 32.67229 | -117.117747 | 6.07291667 | 32.67248 | -117.116733 |
| 5.7375116 | 32.670720 | -117.123587 | 5.9015625 | 32.6723 | -117.117747 | 6.07309028 | 32.67248 | -117.116733 |
| 5.7377778 | 32.670717 | -117.123613 | 5.90193287 | 32.67231 | -117.11772 | 6.07326389 | 32.67247 | -117.11672 |
| 5.7378819 | 32.670717 | -117.123613 | 5.90208333 | 32.67232 | -117.117707 | 6.0734375 | 32.67244 | -117.116693 |
| 5.7380324 | 32.670717 | -117.123627 | 5.90225694 | 32.67233 | -117.117693 | 6.07361111 | 32.67244 | -117.11668 |
| 5.7381944 | 32.670723 | -117.123653 | 5.90243056 | 32.67234 | -117.11768 | 6.07378472 | 32.67244 | -117.11668 |
| 5.7387269 | 32.670730 | -117.123693 | 5.90260417 | 32.67235 | -117.117653 | 6.07395833 | 32.67244 | -117.11668 |
| 5.7389005 | 32.670730 | -117.123720 | 5.90277778 | 32.67236 | -117.117653 | 6.07413194 | 32.67244 | -117.116693 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.7390741 | 32.670730 | -117.123720 | 5.90296296 | 32.67236 | -117.117653 | 6.07430556 | 32.67245 | -117.116693 |
| 5.7392477 | 32.670737 | -117.123733 | 5.90318287 | 32.67237 | -117.117627 | 6.07447917 | 32.67245 | -117.116693 |
| 5.7394213 | 32.670737 | -117.123747 | 5.9034838 | 32.67238 | -117.117613 | 6.07465278 | 32.67247 | -117.11672 |
| 5.7395949 | 32.670737 | -117.123773 | 5.90365741 | 32.67239 | -117.1176 | 6.07570602 | 32.67246 | -117.116693 |
| 5.73976852 | 32.67074 | -117.123773 | 5.90381944 | 32.67239 | -117.1176 | 6.07587963 | 32.67247 | -117.116693 |
| 5.73994213 | 32.67074 | -117.1238 | 5.90399306 | 32.6724 | -117.117573 | 6.07605324 | 32.67247 | -117.11668 |
| 5.74010417 | 32.67074 | -117.123813 | 5.90416667 | 32.6724 | -117.117547 | 6.07622685 | 32.67245 | -117.11668 |
| 5.74027778 | 32.67074 | -117.12384 | 5.90434028 | 32.67241 | -117.117547 | 6.07638889 | 32.67246 | -117.116693 |
| 5.74045139 | 32.67073 | -117.123867 | 5.90451389 | 32.67241 | -117.117533 | 6.0765625 | 32.67246 | -117.11672 |
| 5.740625 | 32.67073 | -117.123867 | 5.9046875 | 32.67242 | -117.117507 | 6.07673611 | 32.67245 | -117.11672 |
| 5.74079861 | 32.67073 | -117.12388 | 5.90486111 | 32.67243 | -117.117507 | 6.07690972 | 32.67244 | -117.11672 |
| 5.74097222 | 32.67073 | -117.123907 | 5.90503472 | 32.67243 | -117.117493 | 6.07708333 | 32.67244 | -117.11672 |
| 5.74114583 | 32.67074 | -117.12392 | 5.90521991 | 32.67244 | -117.11748 | 6.07725694 | 32.67243 | -117.116693 |
| 5.74131944 | 32.67073 | -117.12392 | 5.90539352 | 32.67244 | -117.117467 | 6.07743056 | 32.67246 | -117.11672 |
| 5.74149306 | 32.67074 | -117.123947 | 5.90642361 | 32.67246 | -117.117413 | 6.07760417 | 32.67247 | -117.11672 |
| 5.74166667 | 32.67074 | -117.12396 | 5.90659722 | 32.67246 | -117.1174 | 6.07777778 | 32.67247 | -117.116733 |
| 5.74185185 | 32.67074 | -117.123987 | 5.90685185 | 32.67246 | -117.1174 | 6.07795139 | 32.67248 | -117.116733 |
| 5.74202546 | 32.67073 | -117.124013 | 5.90695602 | 32.67246 | -117.1174 | 6.078125 | 32.67248 | -117.116733 |
| 5.74237269 | 32.67073 | -117.124027 | 5.90712963 | 32.67246 | -117.1174 | 6.07829861 | 32.67248 | -117.116733 |
| 5.7425463 | 32.67072 | -117.12404 | 5.90729167 | 32.67247 | -117.1174 | 6.07847222 | 32.67248 | -117.116733 |
| 5.74271991 | 32.67072 | -117.124053 | 5.90746528 | 32.67247 | -117.1174 | 6.07864583 | 32.67247 | -117.116733 |
| 5.74289352 | 32.67072 | -117.124067 | 5.90763889 | 32.67247 | -117.1174 | 6.07881944 | 32.67246 | -117.116733 |
| 5.74305556 | 32.67072 | -117.124093 | 5.9078125 | 32.67247 | -117.1174 | 6.08108796 | 32.67246 | -117.116733 |
| 5.74322917 | 32.67072 | -117.12412 | 5.90799769 | 32.67247 | -117.117387 | 6.08126157 | 32.67246 | -117.116733 |
| 5.74340278 | 32.67071 | -117.124133 | 5.9081713 | 32.67247 | -117.11736 | 6.08143519 | 32.67246 | -117.116733 |
| 5.74357639 | 32.67071 | -117.12416 | 5.90834491 | 32.67248 | -117.117347 | 6.0816088 | 32.67246 | -117.116733 |
| 5.74375 | 32.67071 | -117.12416 | 5.90850694 | 32.67249 | -117.117347 | 6.08178241 | 32.67246 | -117.116733 |
| 5.74392361 | 32.6707 | -117.124187 | 5.90868056 | 32.67249 | -117.117333 | 6.08195602 | 32.67246 | -117.116733 |
| 5.74409722 | 32.6707 | -117.1242 | 5.90885417 | 32.67249 | -117.117333 | 6.08211806 | 32.67246 | -117.116733 |
| 5.74427083 | 32.67069 | -117.124213 | 5.90903935 | 32.67249 | -117.11732 | 6.08229167 | 32.67246 | -117.116733 |
| 5.74444444 | 32.67069 | -117.124213 | 5.90921296 | 32.6725 | -117.117307 | 6.08246528 | 32.67246 | -117.116733 |
| 5.74461806 | 32.67069 | -117.12424 | 5.90938657 | 32.6725 | -117.117307 | 6.08263889 | 32.67246 | -117.11672 |
| 5.74479167 | 32.67068 | -117.124253 | 5.90954861 | 32.6725 | -117.117307 | 6.0828125 | 32.67245 | -117.116733 |
| 5.74496528 | 32.67068 | -117.124267 | 5.90972222 | 32.6725 | -117.117307 | 6.08298611 | 32.67246 | -117.116733 |
| 5.74513889 | 32.67067 | -117.12428 | 5.91025463 | 32.6725 | -117.117307 | 6.08315972 | 32.67246 | -117.116733 |
| 5.7453125 | 32.67067 | -117.12428 | 5.91047454 | 32.67251 | -117.11728 | 6.08333333 | 32.67246 | -117.116733 |
| 5.74548611 | 32.67067 | -117.124307 | 5.91060185 | 32.67251 | -117.11728 | 6.08350694 | 32.67246 | -117.116733 |
| 5.74565972 | 32.67066 | -117.124307 | 5.91077546 | 32.67251 | -117.11728 | 6.08368056 | 32.67247 | -117.11672 |
| 5.74671296 | 32.67063 | -117.124347 | 5.91094907 | 32.67251 | -117.11728 | 6.08385417 | 32.67248 | -117.11672 |
| 5.74688657 | 32.67063 | -117.12436 | 5.91111111 | 32.67251 | -117.11728 | 6.08402778 | 32.67248 | -117.11672 |
| 5.74706019 | 32.67063 | -117.12436 | 5.9112963 | 32.67251 | -117.117267 | 6.08420139 | 32.67249 | -117.11672 |
| 5.7472338 | 32.67063 | -117.12436 | 5.91146991 | 32.67251 | -117.117267 | 6.084375 | 32.67247 | -117.11672 |
| 5.74740741 | 32.67063 | -117.12436 | 5.91164352 | 32.67251 | -117.117267 | | | |

DrEx 115

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5673958 | 32.674190 | -117.115840 | 5.7411574 | 32.670840 | -117.123867 | 5.9048727 | 32.668333 | -117.120600 |
| 5.5675463 | 32.674177 | -117.115853 | 5.7413310 | 32.670840 | -117.123880 | 5.9050463 | 32.668323 | -117.120627 |
| 5.5677199 | 32.674147 | -117.115880 | 5.7415046 | 32.670840 | -117.123893 | 5.9052662 | 32.668330 | -117.120640 |
| 5.5678819 | 32.674137 | -117.115880 | 5.7416782 | 32.670847 | -117.123920 | 5.9053935 | 32.668347 | -117.120627 |
| 5.5680556 | 32.674127 | -117.115880 | 5.7418519 | 32.670840 | -117.123920 | 5.9055671 | 32.668333 | -117.120653 |
| 5.5682292 | 32.674120 | -117.115907 | 5.7420255 | 32.670837 | -117.123947 | 5.9057407 | 32.668343 | -117.120667 |
| 5.5684375 | 32.674113 | -117.115920 | 5.7421991 | 32.670833 | -117.123973 | 5.9062616 | 32.668320 | -117.120693 |
| 5.5685880 | 32.674103 | -117.115920 | 5.7423727 | 32.670840 | -117.123987 | 5.9064468 | 32.668323 | -117.120667 |
| 5.5687500 | 32.674110 | -117.115933 | 5.7425463 | 32.670833 | -117.124013 | 5.9065972 | 32.668327 | -117.120667 |
| 5.5689236 | 32.674110 | -117.115933 | 5.7427199 | 32.670830 | -117.124013 | 5.9067708 | 32.668320 | -117.120667 |
| 5.5690972 | 32.674103 | -117.115933 | 5.7428935 | 32.670827 | -117.124040 | 5.9069444 | 32.668320 | -117.120667 |
| 5.5692708 | 32.674097 | -117.115947 | 5.7444444 | 32.670810 | -117.124187 | 5.9071181 | 32.668320 | -117.120667 |
| 5.5694907 | 32.674080 | -117.115947 | 5.7446181 | 32.670803 | -117.124200 | 5.9072917 | 32.668313 | -117.120667 |
| 5.5696181 | 32.674067 | -117.115947 | 5.7447917 | 32.670803 | -117.124213 | 5.9075694 | 32.668310 | -117.120693 |
| 5.5697917 | 32.674057 | -117.115947 | 5.7449653 | 32.670800 | -117.124240 | 5.9076505 | 32.668300 | -117.120693 |
| 5.5699653 | 32.674043 | -117.115973 | 5.7451389 | 32.670793 | -117.124253 | 5.9078241 | 32.668293 | -117.120693 |
| 5.5701389 | 32.674030 | -117.115973 | 5.7453125 | 32.670790 | -117.124267 | 5.9079977 | 32.668307 | -117.120707 |
| 5.5703704 | 32.674017 | -117.115973 | 5.7454861 | 32.670790 | -117.124267 | 5.9081713 | 32.668300 | -117.120720 |
| 5.5704977 | 32.674007 | -117.115973 | 5.7456597 | 32.670790 | -117.124280 | 5.9083449 | 32.668300 | -117.120733 |
| 5.5706597 | 32.673993 | -117.115973 | 5.7458333 | 32.670783 | -117.124307 | 5.9085764 | 32.668303 | -117.120787 |
| 5.5715394 | 32.673947 | -117.116000 | 5.7460069 | 32.670773 | -117.124307 | 5.9086806 | 32.668303 | -117.120800 |
| 5.5717130 | 32.673937 | -117.116000 | 5.7461806 | 32.670767 | -117.124307 | 5.9088542 | 32.668310 | -117.120813 |
| 5.5718750 | 32.673923 | -117.116000 | 5.7463542 | 32.670760 | -117.124320 | 5.9090394 | 32.668303 | -117.120840 |
| 5.5720833 | 32.673910 | -117.116000 | 5.7465278 | 32.670753 | -117.124320 | 5.9092130 | 32.668320 | -117.120840 |
| 5.5722338 | 32.673900 | -117.116013 | 5.7467014 | 32.670747 | -117.124333 | 5.9093866 | 32.668313 | -117.120840 |
| 5.5725000 | 32.673900 | -117.116013 | 5.7468750 | 32.670747 | -117.124333 | 5.9095602 | 32.668313 | -117.120840 |
| 5.5725810 | 32.673900 | -117.116013 | 5.7470486 | 32.670747 | -117.124333 | 5.9100810 | 32.668333 | -117.120853 |
| 5.5727431 | 32.673900 | -117.116013 | 5.7472222 | 32.670753 | -117.124347 | 5.9102546 | 32.668333 | -117.120867 |
| 5.5729167 | 32.673900 | -117.116013 | 5.7473958 | 32.670747 | -117.124347 | 5.9104282 | 32.668330 | -117.120880 |
| 5.5730903 | 32.673900 | -117.116013 | 5.7475694 | 32.670747 | -117.124360 | 5.9106597 | 32.668307 | -117.120867 |
| 5.5732639 | 32.673900 | -117.116013 | 5.7477431 | 32.670740 | -117.124360 | 5.9107639 | 32.668307 | -117.120867 |
| 5.5734491 | 32.673900 | -117.116013 | 5.7500000 | 32.670727 | -117.124387 | 5.9109375 | 32.668303 | -117.120867 |
| 5.5736227 | 32.673897 | -117.116013 | 5.7501736 | 32.670727 | -117.124387 | 5.9111111 | 32.668300 | -117.120867 |
| 5.5737963 | 32.673897 | -117.116013 | 5.7503472 | 32.670727 | -117.124387 | 5.9112847 | 32.668287 | -117.120880 |
| 5.5739583 | 32.673897 | -117.116013 | 5.7505208 | 32.670720 | -117.124387 | 5.9114931 | 32.668303 | -117.120867 |
| 5.5741319 | 32.673893 | -117.116013 | 5.7506944 | 32.670710 | -117.124387 | 5.9116435 | 32.668290 | -117.120880 |
| 5.5743056 | 32.673893 | -117.116013 | 5.7508681 | 32.670693 | -117.124400 | 5.9118171 | 32.668310 | -117.120880 |
| 5.5744792 | 32.673893 | -117.116013 | 5.7510417 | 32.670690 | -117.124400 | 5.9119907 | 32.668293 | -117.120920 |
| 5.5746644 | 32.673890 | -117.116013 | 5.7512153 | 32.670690 | -117.124387 | 5.9121644 | 32.668283 | -117.120920 |
| 5.5748380 | 32.673890 | -117.116027 | 5.7513889 | 32.670687 | -117.124387 | 5.9123380 | 32.668263 | -117.120920 |
| 5.5762269 | 32.673870 | -117.116027 | 5.7515625 | 32.670687 | -117.124387 | 5.9125116 | 32.668273 | -117.120920 |
| 5.5764005 | 32.673870 | -117.116053 | 5.7517361 | 32.670687 | -117.124387 | 5.9126852 | 32.668267 | -117.120920 |
| 5.5765625 | 32.673863 | -117.116053 | 5.7519097 | 32.670683 | -117.124387 | 5.9128588 | 32.668267 | -117.120933 |
| 5.5767361 | 32.673863 | -117.116053 | 5.7520833 | 32.670673 | -117.124387 | 5.9131019 | 32.668247 | -117.120947 |
| 5.5769097 | 32.673863 | -117.116053 | 5.7522569 | 32.670673 | -117.124360 | 5.9132060 | 32.668247 | -117.120947 |
| 5.5770833 | 32.673860 | -117.116053 | 5.7524306 | 32.670670 | -117.124360 | 5.9133796 | 32.668247 | -117.120947 |
| 5.5772569 | 32.673860 | -117.116053 | 5.7526042 | 32.670667 | -117.124360 | 5.9145949 | 32.668240 | -117.120960 |
| 5.5774421 | 32.673857 | -117.116053 | 5.7527778 | 32.670663 | -117.124360 | 5.9147685 | 32.668240 | -117.120960 |
| 5.5776157 | 32.673850 | -117.116067 | 5.7529514 | 32.670660 | -117.124360 | 5.9149421 | 32.668233 | -117.120960 |
| 5.5778588 | 32.673813 | -117.116093 | 5.7531250 | 32.670660 | -117.124360 | 5.9151042 | 32.668233 | -117.120973 |
| 5.5779630 | 32.673813 | -117.116093 | 5.7532986 | 32.670660 | -117.124360 | 5.9152778 | 32.668227 | -117.120973 |
| 5.5781366 | 32.673807 | -117.116093 | 5.7543519 | 32.670653 | -117.124347 | 5.9155093 | 32.668227 | -117.121000 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5782986 | 32.673800 | -117.116107 | 5.7545255 | 32.670637 | -117.124333 | 5.9156366 | 32.668230 | -117.120973 |
| 5.5784722 | 32.673767 | -117.116133 | 5.7546991 | 32.670623 | -117.124320 | 5.9158102 | 32.668240 | -117.121000 |
| 5.5786458 | 32.673763 | -117.116133 | 5.7548727 | 32.670610 | -117.124320 | 5.9159722 | 32.668240 | -117.121000 |
| 5.5788310 | 32.673763 | -117.116133 | 5.7550463 | 32.670600 | -117.124307 | 5.9161458 | 32.668247 | -117.121000 |
| 5.5790046 | 32.673740 | -117.116147 | 5.7552199 | 32.670597 | -117.124307 | 5.9163194 | 32.668227 | -117.121013 |
| 5.5791667 | 32.673740 | -117.116160 | 5.7553935 | 32.670590 | -117.124280 | 5.9165046 | 32.668217 | -117.121027 |
| 5.5793403 | 32.673713 | -117.116200 | 5.7555671 | 32.670587 | -117.124267 | 5.9166782 | 32.668233 | -117.121013 |
| 5.5796065 | 32.673707 | -117.116200 | 5.7557407 | 32.670580 | -117.124267 | 5.9168403 | 32.668230 | -117.121013 |
| 5.5807407 | 32.673620 | -117.116280 | 5.7559144 | 32.670570 | -117.124267 | 5.9170139 | 32.668230 | -117.121013 |
| 5.5809144 | 32.673617 | -117.116280 | 5.7560764 | 32.670563 | -117.124267 | 5.9171875 | 32.668217 | -117.121013 |
| 5.5810880 | 32.673613 | -117.116293 | 5.7562500 | 32.670560 | -117.124253 | 5.9173611 | 32.668217 | -117.121013 |
| 5.5812500 | 32.673613 | -117.116293 | 5.7564236 | 32.670557 | -117.124253 | 5.9175347 | 32.668213 | -117.121013 |
| 5.5814236 | 32.673610 | -117.116293 | 5.7565972 | 32.670550 | -117.124240 | 5.9177083 | 32.668203 | -117.121013 |
| 5.5816435 | 32.673593 | -117.116320 | 5.7567824 | 32.670540 | -117.124213 | 5.9178819 | 32.668203 | -117.121000 |
| 5.5818403 | 32.673573 | -117.116347 | 5.7569560 | 32.670537 | -117.124213 | 5.9194444 | 32.668167 | -117.120973 |
| 5.5819444 | 32.673573 | -117.116347 | 5.7571296 | 32.670527 | -117.124213 | 5.9196181 | 32.668163 | -117.120973 |
| 5.5821181 | 32.673573 | -117.116347 | 5.7573032 | 32.670527 | -117.124213 | 5.9197917 | 32.668157 | -117.120973 |
| 5.5823611 | 32.673550 | -117.116347 | 5.7574769 | 32.670517 | -117.124200 | 5.9199653 | 32.668163 | -117.120973 |
| 5.5824653 | 32.673550 | -117.116347 | 5.7576505 | 32.670513 | -117.124200 | 5.9201389 | 32.668153 | -117.120973 |
| 5.5827315 | 32.673530 | -117.116387 | 5.7581713 | 32.670483 | -117.124187 | 5.9203125 | 32.668153 | -117.120973 |
| 5.5828125 | 32.673527 | -117.116387 | 5.7583449 | 32.670477 | -117.124187 | 5.9204861 | 32.668143 | -117.121000 |
| 5.5830556 | 32.673523 | -117.116387 | 5.7585185 | 32.670467 | -117.124160 | 5.9206944 | 32.668137 | -117.121000 |
| 5.5831597 | 32.673507 | -117.116400 | 5.7586921 | 32.670453 | -117.124160 | 5.9208449 | 32.668130 | -117.121000 |
| 5.5833912 | 32.673463 | -117.116453 | 5.7588657 | 32.670447 | -117.124160 | 5.9210185 | 32.668130 | -117.121000 |
| 5.5835185 | 32.673457 | -117.116453 | 5.7590394 | 32.670440 | -117.124133 | 5.9211921 | 32.668123 | -117.121013 |
| 5.5836921 | 32.673457 | -117.116453 | 5.7592130 | 32.670427 | -117.124120 | 5.9213657 | 32.668117 | -117.121013 |
| 5.5838542 | 32.673453 | -117.116453 | 5.7593866 | 32.670413 | -117.124107 | 5.9215394 | 32.668103 | -117.121027 |
| 5.5840972 | 32.673393 | -117.116520 | 5.7595602 | 32.670403 | -117.124093 | 5.9217130 | 32.668107 | -117.121027 |
| 5.5864699 | 32.673307 | -117.116600 | 5.7597338 | 32.670387 | -117.124067 | 5.9218866 | 32.668103 | -117.121027 |
| 5.5867014 | 32.673297 | -117.116613 | 5.7599074 | 32.670373 | -117.124067 | 5.9220486 | 32.668103 | -117.121040 |
| 5.5868056 | 32.673290 | -117.116640 | 5.7600810 | 32.670347 | -117.124067 | 5.9222222 | 32.668087 | -117.121040 |
| 5.5869792 | 32.673280 | -117.116640 | 5.7602546 | 32.670330 | -117.124067 | 5.9224074 | 32.668080 | -117.121027 |
| 5.5871528 | 32.673270 | -117.116653 | 5.7604282 | 32.670323 | -117.124053 | 5.9225810 | 32.668083 | -117.121040 |
| 5.5873264 | 32.673260 | -117.116667 | 5.7606019 | 32.670310 | -117.124053 | 5.9228241 | 32.668087 | -117.121067 |
| 5.5875463 | 32.673247 | -117.116680 | 5.7607755 | 32.670297 | -117.124027 | 5.9234375 | 32.668093 | -117.121067 |
| 5.5876736 | 32.673237 | -117.116693 | 5.7609491 | 32.670287 | -117.124027 | 5.9236111 | 32.668090 | -117.121067 |
| 5.5878472 | 32.673233 | -117.116693 | 5.7611227 | 32.670273 | -117.124013 | 5.9237847 | 32.668093 | -117.121067 |
| 5.5880208 | 32.673223 | -117.116720 | 5.7612963 | 32.670263 | -117.124013 | 5.9239583 | 32.668093 | -117.121027 |
| 5.5882870 | 32.673207 | -117.116733 | 5.7614699 | 32.670250 | -117.124013 | 5.9241319 | 32.668087 | -117.121027 |
| 5.5883681 | 32.673200 | -117.116747 | 5.7621528 | 32.670237 | -117.123960 | 5.9243634 | 32.668093 | -117.121040 |
| 5.5885417 | 32.673193 | -117.116760 | 5.7623264 | 32.670223 | -117.123960 | 5.9244907 | 32.668090 | -117.121027 |
| 5.5887153 | 32.673187 | -117.116787 | 5.7625000 | 32.670213 | -117.123947 | 5.9246528 | 32.668087 | -117.121027 |
| 5.5888889 | 32.673173 | -117.116787 | 5.7626736 | 32.670203 | -117.123920 | 5.9248264 | 32.668087 | -117.121027 |
| 5.5890741 | 32.673163 | -117.116800 | 5.7628472 | 32.670193 | -117.123920 | 5.9250116 | 32.668093 | -117.121040 |
| 5.5892477 | 32.673157 | -117.116813 | 5.7630208 | 32.670183 | -117.123920 | 5.9252083 | 32.668100 | -117.121027 |
| 5.5894213 | 32.673150 | -117.116827 | 5.7631944 | 32.670173 | -117.123920 | 5.9253588 | 32.668100 | -117.121067 |
| 5.5895949 | 32.673140 | -117.116840 | 5.7633681 | 32.670163 | -117.123907 | 5.9255208 | 32.668117 | -117.121067 |
| 5.5904630 | 32.673100 | -117.116907 | 5.7635417 | 32.670147 | -117.123880 | 5.9256944 | 32.668103 | -117.121067 |
| 5.5906366 | 32.673090 | -117.116933 | 5.7637153 | 32.670140 | -117.123880 | 5.9258681 | 32.668117 | -117.121067 |
| 5.5908102 | 32.673080 | -117.116933 | 5.7638889 | 32.670130 | -117.123867 | 5.9260417 | 32.668127 | -117.121067 |
| 5.5909838 | 32.673070 | -117.116947 | 5.7640625 | 32.670117 | -117.123867 | 5.9262269 | 32.668127 | -117.121067 |
| 5.5911574 | 32.673057 | -117.116960 | 5.7642361 | 32.670103 | -117.123867 | 5.9264005 | 32.668100 | -117.121067 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.5913310 | 32.673047 | -117.116987 | 5.7644097 | 32.670097 | -117.123827 | 5.9265741 | 32.668093 | -117.121067 |
| 5.5915046 | 32.673040 | -117.116987 | 5.7645833 | 32.670083 | -117.123827 | 5.9267477 | 32.668100 | -117.121067 |
| 5.5916782 | 32.673030 | -117.116987 | 5.7647685 | 32.670073 | -117.123813 | 5.9277778 | 32.668093 | -117.121040 |
| 5.5918519 | 32.673023 | -117.117013 | 5.7649421 | 32.670070 | -117.123813 | 5.9279514 | 32.668083 | -117.121067 |
| 5.5920255 | 32.673013 | -117.117027 | 5.7651157 | 32.670063 | -117.123800 | 5.9281366 | 32.668090 | -117.121067 |
| 5.5921991 | 32.673007 | -117.117053 | 5.7652778 | 32.670057 | -117.123800 | 5.9283102 | 32.668090 | -117.121067 |
| 5.5923611 | 32.672997 | -117.117053 | 5.7654514 | 32.670047 | -117.123773 | 5.9284838 | 32.668093 | -117.121067 |
| 5.5925347 | 32.672997 | -117.117080 | 5.7659722 | 32.670023 | -117.123773 | 5.9286458 | 32.668090 | -117.121067 |
| 5.5927894 | 32.672987 | -117.117080 | 5.7661458 | 32.670010 | -117.123773 | 5.9288194 | 32.668083 | -117.121067 |
| 5.5928935 | 32.672983 | -117.117080 | 5.7663194 | 32.670000 | -117.123773 | 5.9289931 | 32.668080 | -117.121067 |
| 5.5930671 | 32.672973 | -117.117107 | 5.7664931 | 32.669990 | -117.123773 | 5.9291667 | 32.668080 | -117.121067 |
| 5.5932407 | 32.672967 | -117.117120 | 5.7666667 | 32.669980 | -117.123773 | 5.9293403 | 32.668080 | -117.121067 |
| 5.5934722 | 32.672957 | -117.117133 | 5.7668519 | 32.669980 | -117.123760 | 5.9295139 | 32.668070 | -117.121067 |
| 5.5935764 | 32.672950 | -117.117133 | 5.7670255 | 32.669973 | -117.123760 | 5.9296991 | 32.668070 | -117.121067 |
| 5.5937500 | 32.672947 | -117.117133 | 5.7671991 | 32.669980 | -117.123760 | 5.9298727 | 32.668073 | -117.121067 |
| 5.5951505 | 32.672883 | -117.117267 | 5.7673727 | 32.669973 | -117.123760 | 5.9300463 | 32.668067 | -117.121080 |
| 5.5953241 | 32.672873 | -117.117280 | 5.7675463 | 32.669963 | -117.123747 | 5.9302199 | 32.668073 | -117.121080 |
| 5.5954977 | 32.672867 | -117.117307 | 5.7677199 | 32.669950 | -117.123747 | 5.9303935 | 32.668053 | -117.121080 |
| 5.5956713 | 32.672857 | -117.117307 | 5.7678935 | 32.669960 | -117.123747 | 5.9305671 | 32.668050 | -117.121080 |
| 5.5958449 | 32.672850 | -117.117320 | 5.7680671 | 32.669960 | -117.123747 | 5.9307407 | 32.668063 | -117.121080 |
| 5.5960185 | 32.672840 | -117.117333 | 5.7682292 | 32.669960 | -117.123747 | 5.9309144 | 32.668063 | -117.121080 |
| 5.5961921 | 32.672837 | -117.117347 | 5.7684028 | 32.669953 | -117.123747 | 5.9310880 | 32.668067 | -117.121080 |
| 5.5963657 | 32.672827 | -117.117360 | 5.7685764 | 32.669950 | -117.123733 | 5.9317708 | 32.668043 | -117.121067 |
| 5.5965394 | 32.672813 | -117.117387 | 5.7687500 | 32.669937 | -117.123733 | 5.9319792 | 32.668047 | -117.121067 |
| 5.5967014 | 32.672810 | -117.117387 | 5.7689236 | 32.669933 | -117.123733 | 5.9321296 | 32.668050 | -117.121067 |
| 5.5968750 | 32.672800 | -117.117400 | 5.7690972 | 32.669930 | -117.123733 | 5.9322917 | 32.668043 | -117.121067 |
| 5.5970949 | 32.672790 | -117.117413 | 5.7692708 | 32.669930 | -117.123733 | 5.9324653 | 32.668037 | -117.121067 |
| 5.5972222 | 32.672787 | -117.117427 | 5.7698032 | 32.669927 | -117.123720 | 5.9326505 | 32.668033 | -117.121067 |
| 5.5973958 | 32.672777 | -117.117453 | 5.7699769 | 32.669917 | -117.123720 | 5.9328241 | 32.668037 | -117.121067 |
| 5.5975810 | 32.672773 | -117.117467 | 5.7701505 | 32.669900 | -117.123693 | 5.9329977 | 32.668047 | -117.121067 |
| 5.5977546 | 32.672767 | -117.117480 | 5.7703241 | 32.669893 | -117.123680 | 5.9331597 | 32.668053 | -117.121067 |
| 5.5979167 | 32.672763 | -117.117493 | 5.7704977 | 32.669877 | -117.123680 | 5.9333333 | 32.668053 | -117.121067 |
| 5.5980903 | 32.672757 | -117.117507 | 5.7706713 | 32.669863 | -117.123667 | 5.9335185 | 32.668053 | -117.121080 |
| 5.5982986 | 32.672753 | -117.117533 | 5.7708333 | 32.669853 | -117.123653 | 5.9336921 | 32.668057 | -117.121067 |
| 5.5984491 | 32.672750 | -117.117547 | 5.7710069 | 32.669850 | -117.123653 | 5.9338657 | 32.668057 | -117.121067 |
| 5.5994792 | 32.672713 | -117.117653 | 5.7711806 | 32.669843 | -117.123627 | 5.9340394 | 32.668063 | -117.121067 |
| 5.5996528 | 32.672693 | -117.117693 | 5.7713542 | 32.669837 | -117.123627 | 5.9342014 | 32.668070 | -117.121067 |
| 5.5998958 | 32.672683 | -117.117720 | 5.7715278 | 32.669837 | -117.123627 | 5.9343750 | 32.668073 | -117.121067 |
| 5.6000000 | 32.672683 | -117.117720 | 5.7717014 | 32.669837 | -117.123627 | 5.9345486 | 32.668063 | -117.121067 |
| 5.6001736 | 32.672680 | -117.117747 | 5.7718750 | 32.669833 | -117.123627 | 5.9347222 | 32.668070 | -117.121067 |
| 5.6003472 | 32.672673 | -117.117747 | 5.7720486 | 32.669827 | -117.123627 | 5.9348958 | 32.668053 | -117.121067 |
| 5.6005208 | 32.672670 | -117.117760 | 5.7722222 | 32.669817 | -117.123613 | 5.9354167 | 32.668080 | -117.121040 |
| 5.6006944 | 32.672663 | -117.117787 | 5.7723958 | 32.669813 | -117.123613 | 5.9355903 | 32.668087 | -117.121027 |
| 5.6008681 | 32.672657 | -117.117800 | 5.7725810 | 32.669807 | -117.123613 | 5.9357755 | 32.668083 | -117.121040 |
| 5.6010532 | 32.672647 | -117.117800 | 5.7727546 | 32.669803 | -117.123613 | 5.9359491 | 32.668103 | -117.121027 |
| 5.6012269 | 32.672643 | -117.117827 | 5.7729282 | 32.669800 | -117.123613 | 5.9361227 | 32.668103 | -117.121027 |
| 5.6014005 | 32.672637 | -117.117840 | 5.7731019 | 32.669797 | -117.123613 | 5.9362963 | 32.668107 | -117.121040 |
| 5.6015741 | 32.672633 | -117.117853 | 5.7737847 | 32.669763 | -117.123613 | 5.9364583 | 32.668110 | -117.121040 |
| 5.6017361 | 32.672623 | -117.117867 | 5.7739583 | 32.669763 | -117.123613 | 5.9366319 | 32.668110 | -117.121067 |
| 5.6019097 | 32.672610 | -117.117893 | 5.7741319 | 32.669757 | -117.123613 | 5.9368056 | 32.668117 | -117.121067 |
| 5.6021181 | 32.672610 | -117.117907 | 5.7743056 | 32.669743 | -117.123613 | 5.9369907 | 32.668117 | -117.121067 |
| 5.6022685 | 32.672603 | -117.117920 | 5.7744792 | 32.669733 | -117.123613 | 5.9371644 | 32.668117 | -117.121040 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6024421 | 32.672597 | -117.117933 | 5.7746528 | 32.669723 | -117.123600 | 5.9373380 | 32.668117 | -117.121040 |
| 5.6026157 | 32.672587 | -117.117947 | 5.7748264 | 32.669713 | -117.123600 | 5.9375116 | 32.668117 | -117.121040 |
| 5.6027778 | 32.672583 | -117.117947 | 5.7750000 | 32.669697 | -117.123600 | 5.9376852 | 32.668117 | -117.121040 |
| 5.6032986 | 32.672567 | -117.118000 | 5.7751736 | 32.669693 | -117.123600 | 5.9378588 | 32.668110 | -117.121067 |
| 5.6034838 | 32.672560 | -117.118013 | 5.7753588 | 32.669690 | -117.123587 | 5.9380324 | 32.668110 | -117.121067 |
| 5.6036574 | 32.672553 | -117.118013 | 5.7755324 | 32.669687 | -117.123587 | 5.9382060 | 32.668117 | -117.121067 |
| 5.6038310 | 32.672547 | -117.118040 | 5.7757060 | 32.669673 | -117.123587 | 5.9383681 | 32.668117 | -117.121067 |
| 5.6039931 | 32.672543 | -117.118053 | 5.7758796 | 32.669653 | -117.123600 | 5.9385417 | 32.668110 | -117.121067 |
| 5.6041667 | 32.672537 | -117.118067 | 5.7760532 | 32.669650 | -117.123587 | 5.9387153 | 32.668110 | -117.121067 |
| 5.6043634 | 32.672530 | -117.118067 | 5.7762153 | 32.669647 | -117.123587 | 5.9392477 | 32.668107 | -117.121067 |
| 5.6045139 | 32.672523 | -117.118080 | 5.7763889 | 32.669630 | -117.123600 | 5.9394213 | 32.668107 | -117.121067 |
| 5.6046875 | 32.672517 | -117.118093 | 5.7765625 | 32.669617 | -117.123613 | 5.9395949 | 32.668107 | -117.121067 |
| 5.6048611 | 32.672507 | -117.118120 | 5.7767361 | 32.669603 | -117.123627 | 5.9397685 | 32.668110 | -117.121067 |
| 5.6050347 | 32.672500 | -117.118133 | 5.7769097 | 32.669580 | -117.123653 | 5.9399421 | 32.668110 | -117.121080 |
| 5.6052199 | 32.672493 | -117.118133 | 5.7770833 | 32.669560 | -117.123653 | 5.9401042 | 32.668117 | -117.121067 |
| 5.6053935 | 32.672487 | -117.118147 | 5.7776042 | 32.669537 | -117.123613 | 5.9402778 | 32.668117 | -117.121067 |
| 5.6055671 | 32.672477 | -117.118160 | 5.7777778 | 32.669530 | -117.123600 | 5.9404514 | 32.668120 | -117.121067 |
| 5.6057407 | 32.672473 | -117.118187 | 5.7779630 | 32.669523 | -117.123587 | 5.9406366 | 32.668127 | -117.121067 |
| 5.6059144 | 32.672470 | -117.118187 | 5.7781366 | 32.669513 | -117.123587 | 5.9408102 | 32.668130 | -117.121067 |
| 5.6060880 | 32.672467 | -117.118200 | 5.7783102 | 32.669510 | -117.123587 | 5.9409954 | 32.668143 | -117.121027 |
| 5.6062500 | 32.672467 | -117.118200 | 5.7784838 | 32.669500 | -117.123573 | 5.9411458 | 32.668137 | -117.121040 |
| 5.6064236 | 32.672457 | -117.118213 | 5.7786458 | 32.669493 | -117.123573 | 5.9413194 | 32.668130 | -117.121040 |
| 5.6065972 | 32.672453 | -117.118227 | 5.7788194 | 32.669490 | -117.123573 | 5.9415046 | 32.668130 | -117.121067 |
| 5.6071644 | 32.672443 | -117.118240 | 5.7789931 | 32.669490 | -117.123573 | 5.9416782 | 32.668127 | -117.121067 |
| 5.6072917 | 32.672443 | -117.118240 | 5.7791782 | 32.669487 | -117.123573 | 5.9418403 | 32.668127 | -117.121067 |
| 5.6074653 | 32.672443 | -117.118240 | 5.7793519 | 32.669480 | -117.123573 | 5.9420139 | 32.668123 | -117.121067 |
| 5.6076505 | 32.672443 | -117.118240 | 5.7795255 | 32.669473 | -117.123547 | 5.9421875 | 32.668123 | -117.121067 |
| 5.6078241 | 32.672440 | -117.118240 | 5.7796991 | 32.669483 | -117.123547 | 5.9423611 | 32.668123 | -117.121067 |
| 5.6079977 | 32.672440 | -117.118267 | 5.7798727 | 32.669473 | -117.123547 | 5.9425463 | 32.668123 | -117.121067 |
| 5.6081713 | 32.672440 | -117.118267 | 5.7800347 | 32.669473 | -117.123547 | 5.9445139 | 32.668143 | -117.121080 |
| 5.6083449 | 32.672440 | -117.118267 | 5.7802083 | 32.669470 | -117.123547 | 5.9446181 | 32.668140 | -117.121080 |
| 5.6085185 | 32.672437 | -117.118267 | 5.7803819 | 32.669457 | -117.123547 | 5.9447917 | 32.668143 | -117.121093 |
| 5.6086921 | 32.672437 | -117.118267 | 5.7805671 | 32.669453 | -117.123547 | 5.9450579 | 32.668147 | -117.121080 |
| 5.6088889 | 32.672437 | -117.118267 | 5.7807407 | 32.669443 | -117.123547 | 5.9451505 | 32.668147 | -117.121080 |
| 5.6090278 | 32.672433 | -117.118267 | 5.7809144 | 32.669420 | -117.123533 | 5.9453588 | 32.668137 | -117.121080 |
| 5.6092014 | 32.672433 | -117.118267 | 5.7814236 | 32.669397 | -117.123533 | 5.9454861 | 32.668137 | -117.121080 |
| 5.6093866 | 32.672433 | -117.118280 | 5.7815972 | 32.669383 | -117.123520 | 5.9456597 | 32.668143 | -117.121080 |
| 5.6095602 | 32.672430 | -117.118280 | 5.7817708 | 32.669380 | -117.123520 | 5.9458333 | 32.668157 | -117.121067 |
| 5.6097338 | 32.672430 | -117.118280 | 5.7819907 | 32.669373 | -117.123520 | 5.9460069 | 32.668153 | -117.121080 |
| 5.6098958 | 32.672430 | -117.118280 | 5.7822569 | 32.669360 | -117.123520 | 5.9461806 | 32.668153 | -117.121080 |
| 5.6100694 | 32.672430 | -117.118280 | 5.7824769 | 32.669360 | -117.123520 | 5.9463542 | 32.668160 | -117.121093 |
| 5.6102546 | 32.672430 | -117.118280 | 5.7826505 | 32.669370 | -117.123507 | 5.9465394 | 32.668153 | -117.121107 |
| 5.6104282 | 32.672430 | -117.118280 | 5.7828125 | 32.669363 | -117.123520 | 5.9467708 | 32.668153 | -117.121093 |
| 5.6109491 | 32.672393 | -117.118347 | 5.7830208 | 32.669363 | -117.123507 | 5.9469329 | 32.668153 | -117.121093 |
| 5.6111227 | 32.672393 | -117.118347 | 5.7831713 | 32.669370 | -117.123480 | 5.9470602 | 32.668153 | -117.121107 |
| 5.6112963 | 32.672393 | -117.118360 | 5.7833333 | 32.669360 | -117.123480 | 5.9472338 | 32.668157 | -117.121093 |
| 5.6114699 | 32.672393 | -117.118360 | 5.7835069 | 32.669370 | -117.123480 | 5.9474074 | 32.668153 | -117.121120 |
| 5.6116782 | 32.672393 | -117.118360 | 5.7836806 | 32.669370 | -117.123467 | 5.9475810 | 32.668157 | -117.121120 |
| 5.6118056 | 32.672377 | -117.118387 | 5.7838542 | 32.669357 | -117.123467 | 5.9477546 | 32.668153 | -117.121120 |
| 5.6119792 | 32.672377 | -117.118387 | 5.7840278 | 32.669347 | -117.123467 | 5.9482755 | 32.668197 | -117.121147 |
| 5.6121991 | 32.672363 | -117.118413 | 5.7842014 | 32.669353 | -117.123467 | 5.9484491 | 32.668253 | -117.121187 |
| 5.6123264 | 32.672363 | -117.118427 | 5.7843750 | 32.669347 | -117.123467 | 5.9486227 | 32.668257 | -117.121187 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6126273 | 32.672357 | -117.118453 | 5.7845486 | 32.669347 | -117.123467 | 5.9487847 | 32.668263 | -117.121187 |
| 5.6128472 | 32.672357 | -117.118467 | 5.7847222 | 32.669343 | -117.123480 | 5.9489583 | 32.668263 | -117.121187 |
| 5.6130208 | 32.672357 | -117.118467 | 5.7849074 | 32.669337 | -117.123467 | 5.9491319 | 32.668263 | -117.121187 |
| 5.6131944 | 32.672350 | -117.118467 | 5.7855903 | 32.669307 | -117.123440 | 5.9493056 | 32.668263 | -117.121187 |
| 5.6133796 | 32.672343 | -117.118493 | 5.7857639 | 32.669310 | -117.123453 | 5.9494907 | 32.668263 | -117.121213 |
| 5.6135532 | 32.672333 | -117.118520 | 5.7859954 | 32.669300 | -117.123453 | 5.9496644 | 32.668250 | -117.121187 |
| 5.6137269 | 32.672333 | -117.118520 | 5.7861227 | 32.669300 | -117.123480 | 5.9498380 | 32.668250 | -117.121187 |
| 5.6139005 | 32.672333 | -117.118533 | 5.7862963 | 32.669287 | -117.123520 | 5.9500116 | 32.668227 | -117.121187 |
| 5.6140741 | 32.672333 | -117.118533 | 5.7864699 | 32.669237 | -117.123520 | 5.9501736 | 32.668227 | -117.121160 |
| 5.6142477 | 32.672330 | -117.118533 | 5.7866435 | 32.669237 | -117.123480 | 5.9503472 | 32.668230 | -117.121160 |
| 5.6144213 | 32.672330 | -117.118533 | 5.7868171 | 32.669187 | -117.123480 | 5.9505208 | 32.668230 | -117.121160 |
| 5.6149306 | 32.672297 | -117.118600 | 5.7869907 | 32.669120 | -117.123533 | 5.9507060 | 32.668230 | -117.121173 |
| 5.6151620 | 32.672290 | -117.118613 | 5.7872569 | 32.669070 | -117.123520 | 5.9508796 | 32.668230 | -117.121173 |
| 5.6152894 | 32.672283 | -117.118667 | 5.7873380 | 32.669070 | -117.123520 | 5.9510532 | 32.668230 | -117.121160 |
| 5.6154630 | 32.672283 | -117.118667 | 5.7875116 | 32.669030 | -117.123480 | 5.9512269 | 32.668227 | -117.121173 |
| 5.6156366 | 32.672277 | -117.118667 | 5.7876852 | 32.669007 | -117.123507 | 5.9514468 | 32.668233 | -117.121213 |
| 5.6158102 | 32.672277 | -117.118667 | 5.7878588 | 32.668987 | -117.123520 | 5.9515741 | 32.668240 | -117.121227 |
| 5.6159838 | 32.672277 | -117.118667 | 5.7880324 | 32.668977 | -117.123507 | 5.9526042 | 32.668237 | -117.121267 |
| 5.6161574 | 32.672277 | -117.118667 | 5.7882060 | 32.668960 | -117.123520 | 5.9527778 | 32.668253 | -117.121253 |
| 5.6163194 | 32.672273 | -117.118667 | 5.7883796 | 32.668950 | -117.123520 | 5.9529514 | 32.668263 | -117.121267 |
| 5.6164931 | 32.672273 | -117.118680 | 5.7885532 | 32.668930 | -117.123507 | 5.9531366 | 32.668250 | -117.121253 |
| 5.6166667 | 32.672273 | -117.118680 | 5.7887269 | 32.668903 | -117.123507 | 5.9533102 | 32.668253 | -117.121253 |
| 5.6168403 | 32.672273 | -117.118680 | 5.7889005 | 32.668877 | -117.123480 | 5.9535417 | 32.668257 | -117.121253 |
| 5.6170139 | 32.672260 | -117.118707 | 5.7897569 | 32.668807 | -117.123467 | 5.9537847 | 32.668257 | -117.121240 |
| 5.6171991 | 32.672260 | -117.118720 | 5.7899769 | 32.668793 | -117.123453 | 5.9539931 | 32.668257 | -117.121240 |
| 5.6173727 | 32.672260 | -117.118720 | 5.7901042 | 32.668780 | -117.123453 | 5.9541667 | 32.668253 | -117.121253 |
| 5.6175463 | 32.672260 | -117.118720 | 5.7902778 | 32.668780 | -117.123453 | 5.9543403 | 32.668253 | -117.121253 |
| 5.6177083 | 32.672253 | -117.118747 | 5.7904514 | 32.668763 | -117.123427 | 5.9545255 | 32.668240 | -117.121267 |
| 5.6178819 | 32.672253 | -117.118747 | 5.7906250 | 32.668750 | -117.123427 | 5.9546991 | 32.668233 | -117.121267 |
| 5.6180556 | 32.672253 | -117.118747 | 5.7907986 | 32.668733 | -117.123427 | 5.9548611 | 32.668230 | -117.121267 |
| 5.6182407 | 32.672250 | -117.118747 | 5.7909838 | 32.668733 | -117.123427 | 5.9550347 | 32.668227 | -117.121267 |
| 5.6196296 | 32.672203 | -117.118853 | 5.7911574 | 32.668747 | -117.123387 | 5.9552083 | 32.668233 | -117.121267 |
| 5.6198032 | 32.672197 | -117.118853 | 5.7914005 | 32.668727 | -117.123387 | 5.9554282 | 32.668233 | -117.121267 |
| 5.6199769 | 32.672193 | -117.118867 | 5.7915046 | 32.668720 | -117.123360 | 5.9555556 | 32.668247 | -117.121267 |
| 5.6201505 | 32.672187 | -117.118880 | 5.7916782 | 32.668710 | -117.123333 | 5.9557523 | 32.668257 | -117.121267 |
| 5.6203241 | 32.672187 | -117.118893 | 5.7918519 | 32.668707 | -117.123333 | 5.9559028 | 32.668270 | -117.121293 |
| 5.6204861 | 32.672183 | -117.118907 | 5.7920255 | 32.668690 | -117.123333 | 5.9560764 | 32.668277 | -117.121320 |
| 5.6206944 | 32.672180 | -117.118907 | 5.7921991 | 32.668670 | -117.123320 | 5.9566088 | 32.668267 | -117.121320 |
| 5.6208449 | 32.672180 | -117.118907 | 5.7923727 | 32.668643 | -117.123333 | 5.9567824 | 32.668263 | -117.121320 |
| 5.6210185 | 32.672180 | -117.118907 | 5.7925463 | 32.668607 | -117.123333 | 5.9569560 | 32.668263 | -117.121320 |
| 5.6211806 | 32.672180 | -117.118907 | 5.7927199 | 32.668577 | -117.123333 | 5.9571296 | 32.668257 | -117.121320 |
| 5.6213542 | 32.672180 | -117.118933 | 5.7928819 | 32.668567 | -117.123333 | 5.9573032 | 32.668257 | -117.121320 |
| 5.6215394 | 32.672177 | -117.118933 | 5.7930556 | 32.668553 | -117.123333 | 5.9574769 | 32.668257 | -117.121320 |
| 5.6217130 | 32.672177 | -117.118933 | 5.7937500 | 32.668517 | -117.123253 | 5.9577431 | 32.668257 | -117.121320 |
| 5.6218866 | 32.672177 | -117.118933 | 5.7939236 | 32.668497 | -117.123253 | 5.9578241 | 32.668257 | -117.121320 |
| 5.6220486 | 32.672173 | -117.118933 | 5.7941088 | 32.668490 | -117.123213 | 5.9579861 | 32.668257 | -117.121320 |
| 5.6222222 | 32.672167 | -117.118947 | 5.7942824 | 32.668480 | -117.123200 | 5.9582176 | 32.668257 | -117.121320 |
| 5.6224306 | 32.672157 | -117.119000 | 5.7944560 | 32.668473 | -117.123200 | 5.9583449 | 32.668257 | -117.121320 |
| 5.6225810 | 32.672153 | -117.119000 | 5.7946296 | 32.668467 | -117.123173 | 5.9585185 | 32.668263 | -117.121320 |
| 5.6227546 | 32.672140 | -117.119000 | 5.7948032 | 32.668443 | -117.123147 | 5.9587616 | 32.668247 | -117.121333 |
| 5.6229282 | 32.672130 | -117.119013 | 5.7949653 | 32.668433 | -117.123133 | 5.9588657 | 32.668247 | -117.121360 |
| 5.6234491 | 32.672107 | -117.119080 | 5.7951389 | 32.668423 | -117.123107 | 5.9590394 | 32.668250 | -117.121360 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6236227 | 32.672093 | -117.119080 | 5.7953125 | 32.668407 | -117.123093 | 5.9592014 | 32.668253 | -117.121360 |
| 5.6237847 | 32.672087 | -117.119093 | 5.7955324 | 32.668393 | -117.123080 | 5.9593750 | 32.668253 | -117.121360 |
| 5.6239583 | 32.672080 | -117.119120 | 5.7956713 | 32.668383 | -117.123067 | 5.9595602 | 32.668253 | -117.121360 |
| 5.6241435 | 32.672063 | -117.119147 | 5.7958449 | 32.668370 | -117.123053 | 5.9597338 | 32.668247 | -117.121360 |
| 5.6244097 | 32.672053 | -117.119147 | 5.7960069 | 32.668363 | -117.123027 | 5.9602546 | 32.668300 | -117.121387 |
| 5.6245139 | 32.672047 | -117.119160 | 5.7961806 | 32.668350 | -117.123000 | 5.9604977 | 32.668327 | -117.121387 |
| 5.6246528 | 32.672043 | -117.119160 | 5.7963542 | 32.668333 | -117.123000 | 5.9606019 | 32.668323 | -117.121400 |
| 5.6248958 | 32.672033 | -117.119187 | 5.7965278 | 32.668327 | -117.122960 | 5.9607755 | 32.668333 | -117.121400 |
| 5.6250000 | 32.672030 | -117.119187 | 5.7967014 | 32.668323 | -117.122947 | 5.9609375 | 32.668343 | -117.121413 |
| 5.6251852 | 32.672020 | -117.119200 | 5.7968750 | 32.668320 | -117.122933 | 5.9611111 | 32.668347 | -117.121413 |
| 5.6253588 | 32.672013 | -117.119200 | 5.7970602 | 32.668303 | -117.122933 | 5.9612847 | 32.668340 | -117.121413 |
| 5.6255208 | 32.672000 | -117.119227 | 5.7975694 | 32.668277 | -117.122867 | 5.9614583 | 32.668333 | -117.121440 |
| 5.6256944 | 32.671990 | -117.119253 | 5.7977431 | 32.668270 | -117.122853 | 5.9616435 | 32.668330 | -117.121413 |
| 5.6258681 | 32.671983 | -117.119253 | 5.7979282 | 32.668270 | -117.122813 | 5.9618171 | 32.668307 | -117.121413 |
| 5.6260417 | 32.671977 | -117.119267 | 5.7981019 | 32.668270 | -117.122800 | 5.9619792 | 32.668293 | -117.121413 |
| 5.6262616 | 32.671970 | -117.119293 | 5.7982755 | 32.668257 | -117.122787 | 5.9621528 | 32.668270 | -117.121400 |
| 5.6263889 | 32.671970 | -117.119293 | 5.7984491 | 32.668253 | -117.122760 | 5.9623611 | 32.668263 | -117.121400 |
| 5.6265741 | 32.671960 | -117.119293 | 5.7986227 | 32.668240 | -117.122733 | 5.9625116 | 32.668263 | -117.121400 |
| 5.6267477 | 32.671957 | -117.119307 | 5.7987847 | 32.668240 | -117.122720 | 5.9626736 | 32.668267 | -117.121413 |
| 5.6290046 | 32.671883 | -117.119413 | 5.7989583 | 32.668240 | -117.122720 | 5.9628472 | 32.668273 | -117.121413 |
| 5.6292130 | 32.671880 | -117.119440 | 5.7991319 | 32.668233 | -117.122667 | 5.9630208 | 32.668290 | -117.121400 |
| 5.6293403 | 32.671877 | -117.119440 | 5.7993171 | 32.668233 | -117.122667 | 5.9631944 | 32.668290 | -117.121400 |
| 5.6295139 | 32.671867 | -117.119453 | 5.7994907 | 32.668240 | -117.122653 | 5.9633681 | 32.668277 | -117.121413 |
| 5.6296875 | 32.671860 | -117.119467 | 5.7996644 | 32.668240 | -117.122613 | 5.9635417 | 32.668277 | -117.121400 |
| 5.6298611 | 32.671853 | -117.119467 | 5.7998380 | 32.668230 | -117.122613 | 5.9640741 | 32.668270 | -117.121413 |
| 5.6300463 | 32.671847 | -117.119480 | 5.8000116 | 32.668227 | -117.122587 | 5.9642477 | 32.668277 | -117.121413 |
| 5.6302199 | 32.671840 | -117.119480 | 5.8001852 | 32.668220 | -117.122587 | 5.9644213 | 32.668270 | -117.121413 |
| 5.6303935 | 32.671840 | -117.119493 | 5.8003588 | 32.668220 | -117.122547 | 5.9645949 | 32.668277 | -117.121453 |
| 5.6305671 | 32.671827 | -117.119520 | 5.8005208 | 32.668217 | -117.122520 | 5.9647685 | 32.668283 | -117.121467 |
| 5.6307407 | 32.671823 | -117.119520 | 5.8006944 | 32.668217 | -117.122520 | 5.9649421 | 32.668300 | -117.121480 |
| 5.6309144 | 32.671810 | -117.119533 | 5.8008681 | 32.668213 | -117.122493 | 5.9651042 | 32.668323 | -117.121507 |
| 5.6310764 | 32.671790 | -117.119547 | 5.8020949 | 32.668213 | -117.122373 | 5.9652778 | 32.668327 | -117.121507 |
| 5.6312500 | 32.671780 | -117.119547 | 5.8022685 | 32.668210 | -117.122360 | 5.9654630 | 32.668340 | -117.121480 |
| 5.6314236 | 32.671767 | -117.119560 | 5.8024421 | 32.668213 | -117.122347 | 5.9657292 | 32.668357 | -117.121507 |
| 5.6316088 | 32.671757 | -117.119600 | 5.8026157 | 32.668210 | -117.122333 | 5.9657986 | 32.668360 | -117.121507 |
| 5.6317824 | 32.671740 | -117.119600 | 5.8027894 | 32.668213 | -117.122320 | 5.9659722 | 32.668360 | -117.121520 |
| 5.6319444 | 32.671730 | -117.119613 | 5.8029630 | 32.668217 | -117.122293 | 5.9661458 | 32.668363 | -117.121520 |
| 5.6321181 | 32.671723 | -117.119627 | 5.8031366 | 32.668210 | -117.122280 | 5.9663310 | 32.668363 | -117.121520 |
| 5.6322917 | 32.671717 | -117.119640 | 5.8033102 | 32.668193 | -117.122267 | 5.9665046 | 32.668327 | -117.121533 |
| 5.6329861 | 32.671667 | -117.119693 | 5.8034838 | 32.668190 | -117.122253 | 5.9666667 | 32.668320 | -117.121533 |
| 5.6331597 | 32.671657 | -117.119707 | 5.8036574 | 32.668183 | -117.122213 | 5.9668403 | 32.668307 | -117.121533 |
| 5.6333333 | 32.671643 | -117.119720 | 5.8038310 | 32.668180 | -117.122200 | 5.9670139 | 32.668300 | -117.121533 |
| 5.6335069 | 32.671630 | -117.119720 | 5.8040046 | 32.668180 | -117.122200 | 5.9671875 | 32.668270 | -117.121547 |
| 5.6336921 | 32.671620 | -117.119747 | 5.8041782 | 32.668183 | -117.122200 | 5.9673611 | 32.668267 | -117.121547 |
| 5.6338657 | 32.671607 | -117.119747 | 5.8043519 | 32.668190 | -117.122187 | 5.9678935 | 32.668247 | -117.121533 |
| 5.6340394 | 32.671593 | -117.119760 | 5.8045255 | 32.668183 | -117.122187 | 5.9680671 | 32.668247 | -117.121533 |
| 5.6342130 | 32.671583 | -117.119773 | 5.8046991 | 32.668183 | -117.122173 | 5.9682292 | 32.668253 | -117.121520 |
| 5.6343866 | 32.671567 | -117.119787 | 5.8048727 | 32.668180 | -117.122173 | 5.9684028 | 32.668257 | -117.121520 |
| 5.6345602 | 32.671563 | -117.119813 | 5.8050463 | 32.668167 | -117.122147 | 5.9685880 | 32.668270 | -117.121507 |
| 5.6347338 | 32.671550 | -117.119813 | 5.8052199 | 32.668177 | -117.122133 | 5.9687616 | 32.668267 | -117.121507 |
| 5.6349074 | 32.671540 | -117.119813 | 5.8053935 | 32.668167 | -117.122133 | 5.9689352 | 32.668270 | -117.121520 |
| 5.6350694 | 32.671530 | -117.119813 | 5.8071528 | 32.668137 | -117.122040 | 5.9691088 | 32.668287 | -117.121520 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6352431 | 32.671527 | -117.119827 | 5.8073032 | 32.668123 | -117.122040 | 5.9693171 | 32.668320 | -117.121520 |
| 5.6354282 | 32.671513 | -117.119840 | 5.8074769 | 32.668120 | -117.122040 | 5.9694444 | 32.668333 | -117.121533 |
| 5.6356019 | 32.671503 | -117.119853 | 5.8076505 | 32.668107 | -117.122040 | 5.9696181 | 32.668370 | -117.121533 |
| 5.6357639 | 32.671493 | -117.119867 | 5.8078241 | 32.668093 | -117.122040 | 5.9698032 | 32.668383 | -117.121533 |
| 5.6359375 | 32.671490 | -117.119867 | 5.8079861 | 32.668093 | -117.122027 | 5.9699769 | 32.668403 | -117.121520 |
| 5.6361111 | 32.671473 | -117.119867 | 5.8081597 | 32.668083 | -117.122000 | 5.9701389 | 32.668407 | -117.121520 |
| 5.6363310 | 32.671463 | -117.119893 | 5.8083333 | 32.668073 | -117.122000 | 5.9703125 | 32.668430 | -117.121520 |
| 5.6387269 | 32.671327 | -117.120013 | 5.8085069 | 32.668063 | -117.122000 | 5.9704977 | 32.668440 | -117.121507 |
| 5.6389005 | 32.671320 | -117.120013 | 5.8086806 | 32.668050 | -117.122000 | 5.9706713 | 32.668440 | -117.121507 |
| 5.6390625 | 32.671310 | -117.120040 | 5.8088542 | 32.668043 | -117.122000 | 5.9708449 | 32.668457 | -117.121507 |
| 5.6393056 | 32.671297 | -117.120053 | 5.8090278 | 32.668033 | -117.122000 | 5.9710069 | 32.668470 | -117.121507 |
| 5.6394097 | 32.671290 | -117.120053 | 5.8092014 | 32.668030 | -117.122000 | 5.9711806 | 32.668460 | -117.121480 |
| 5.6395833 | 32.671280 | -117.120067 | 5.8093750 | 32.668030 | -117.122000 | 5.9720602 | 32.668403 | -117.121507 |
| 5.6397685 | 32.671263 | -117.120067 | 5.8095486 | 32.668043 | -117.122000 | 5.9722338 | 32.668393 | -117.121507 |
| 5.6399421 | 32.671257 | -117.120067 | 5.8097222 | 32.668037 | -117.122000 | 5.9723958 | 32.668397 | -117.121507 |
| 5.6401157 | 32.671243 | -117.120080 | 5.8098958 | 32.668037 | -117.122000 | 5.9726042 | 32.668377 | -117.121480 |
| 5.6402894 | 32.671237 | -117.120107 | 5.8100694 | 32.668033 | -117.122000 | 5.9727546 | 32.668383 | -117.121480 |
| 5.6404745 | 32.671227 | -117.120107 | 5.8102431 | 32.668030 | -117.122000 | 5.9729282 | 32.668340 | -117.121480 |
| 5.6406250 | 32.671220 | -117.120120 | 5.8104167 | 32.668020 | -117.122000 | 5.9731019 | 32.668323 | -117.121467 |
| 5.6407986 | 32.671213 | -117.120120 | 5.8109375 | 32.668000 | -117.122000 | 5.9732639 | 32.668320 | -117.121467 |
| 5.6409838 | 32.671190 | -117.120133 | 5.8111111 | 32.668000 | -117.122000 | 5.9734375 | 32.668293 | -117.121453 |
| 5.6411574 | 32.671180 | -117.120133 | 5.8112847 | 32.667997 | -117.122000 | 5.9736227 | 32.668290 | -117.121440 |
| 5.6413310 | 32.671163 | -117.120133 | 5.8114583 | 32.667987 | -117.122000 | 5.9737963 | 32.668283 | -117.121440 |
| 5.6415046 | 32.671147 | -117.120147 | 5.8116319 | 32.667987 | -117.122000 | 5.9739699 | 32.668303 | -117.121413 |
| 5.6416782 | 32.671130 | -117.120147 | 5.8118056 | 32.667987 | -117.122000 | 5.9741319 | 32.668330 | -117.121413 |
| 5.6418403 | 32.671117 | -117.120160 | 5.8119792 | 32.667980 | -117.122000 | 5.9743056 | 32.668327 | -117.121413 |
| 5.6440972 | 32.671030 | -117.120213 | 5.8121528 | 32.667973 | -117.122000 | 5.9744792 | 32.668343 | -117.121413 |
| 5.6442708 | 32.671030 | -117.120227 | 5.8123264 | 32.667970 | -117.121987 | 5.9746528 | 32.668350 | -117.121413 |
| 5.6444444 | 32.671030 | -117.120227 | 5.8125000 | 32.667963 | -117.121987 | 5.9748380 | 32.668357 | -117.121413 |
| 5.6446181 | 32.671030 | -117.120227 | 5.8126852 | 32.667960 | -117.121987 | 5.9750116 | 32.668357 | -117.121413 |
| 5.6447917 | 32.671030 | -117.120227 | 5.8128588 | 32.667960 | -117.121987 | 5.9751736 | 32.668350 | -117.121413 |
| 5.6449653 | 32.671017 | -117.120227 | 5.8130324 | 32.667960 | -117.121987 | 5.9753472 | 32.668360 | -117.121413 |
| 5.6451389 | 32.671007 | -117.120253 | 5.8132060 | 32.667953 | -117.121960 | 5.9767593 | 32.668340 | -117.121400 |
| 5.6453241 | 32.670997 | -117.120253 | 5.8133796 | 32.667950 | -117.121947 | 5.9769097 | 32.668313 | -117.121400 |
| 5.6455556 | 32.670983 | -117.120267 | 5.8135532 | 32.667937 | -117.121947 | 5.9770949 | 32.668300 | -117.121360 |
| 5.6456597 | 32.670977 | -117.120267 | 5.8137269 | 32.667933 | -117.121947 | 5.9772685 | 32.668290 | -117.121333 |
| 5.6458333 | 32.670963 | -117.120280 | 5.8139005 | 32.667933 | -117.121920 | 5.9774306 | 32.668277 | -117.121360 |
| 5.6460069 | 32.670950 | -117.120280 | 5.8140741 | 32.667937 | -117.121920 | 5.9776042 | 32.668283 | -117.121333 |
| 5.6461806 | 32.670947 | -117.120293 | 5.8142477 | 32.667933 | -117.121920 | 5.9778704 | 32.668290 | -117.121320 |
| 5.6463889 | 32.670937 | -117.120307 | 5.8147569 | 32.667933 | -117.121893 | 5.9779745 | 32.668290 | -117.121320 |
| 5.6465394 | 32.670923 | -117.120307 | 5.8149306 | 32.667927 | -117.121880 | 5.9781250 | 32.668290 | -117.121307 |
| 5.6467130 | 32.670913 | -117.120307 | 5.8151042 | 32.667937 | -117.121880 | 5.9782986 | 32.668270 | -117.121267 |
| 5.6468750 | 32.670910 | -117.120333 | 5.8152778 | 32.667933 | -117.121853 | 5.9784722 | 32.668273 | -117.121267 |
| 5.6470486 | 32.670903 | -117.120347 | 5.8154514 | 32.667927 | -117.121853 | 5.9786458 | 32.668287 | -117.121293 |
| 5.6472222 | 32.670893 | -117.120360 | 5.8156250 | 32.667933 | -117.121853 | 5.9788194 | 32.668277 | -117.121267 |
| 5.6474537 | 32.670883 | -117.120400 | 5.8157986 | 32.667933 | -117.121853 | 5.9790046 | 32.668287 | -117.121267 |
| 5.6488194 | 32.670817 | -117.120493 | 5.8159722 | 32.667927 | -117.121840 | 5.9791782 | 32.668283 | -117.121267 |
| 5.6489699 | 32.670810 | -117.120520 | 5.8161458 | 32.667927 | -117.121813 | 5.9793519 | 32.668307 | -117.121267 |
| 5.6491435 | 32.670803 | -117.120520 | 5.8163194 | 32.667927 | -117.121827 | 5.9795255 | 32.668327 | -117.121267 |
| 5.6493171 | 32.670800 | -117.120547 | 5.8164931 | 32.667937 | -117.121827 | 5.9796991 | 32.668333 | -117.121267 |
| 5.6495255 | 32.670790 | -117.120547 | 5.8166667 | 32.667940 | -117.121813 | 5.9798727 | 32.668340 | -117.121293 |
| 5.6496528 | 32.670783 | -117.120560 | 5.8168403 | 32.667927 | -117.121813 | 5.9800463 | 32.668327 | -117.121267 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6498264 | 32.670773 | -117.120587 | 5.8170139 | 32.667927 | -117.121813 | 5.9809722 | 32.668307 | -117.121267 |
| 5.6500000 | 32.670763 | -117.120600 | 5.8171875 | 32.667927 | -117.121800 | 5.9810764 | 32.668303 | -117.121267 |
| 5.6502431 | 32.670753 | -117.120600 | 5.8174074 | 32.667917 | -117.121800 | 5.9812500 | 32.668293 | -117.121253 |
| 5.6503472 | 32.670747 | -117.120627 | 5.8175347 | 32.667913 | -117.121800 | 5.9814236 | 32.668277 | -117.121240 |
| 5.6505208 | 32.670740 | -117.120640 | 5.8177083 | 32.667917 | -117.121800 | 5.9816667 | 32.668253 | -117.121240 |
| 5.6506944 | 32.670730 | -117.120653 | 5.8178819 | 32.667900 | -117.121773 | 5.9817940 | 32.668253 | -117.121240 |
| 5.6508681 | 32.670723 | -117.120653 | 5.8180556 | 32.667890 | -117.121760 | 5.9819444 | 32.668253 | -117.121227 |
| 5.6510417 | 32.670717 | -117.120667 | 5.8185764 | 32.667867 | -117.121773 | 5.9821181 | 32.668240 | -117.121227 |
| 5.6512153 | 32.670700 | -117.120693 | 5.8187500 | 32.667863 | -117.121760 | 5.9822917 | 32.668240 | -117.121227 |
| 5.6513889 | 32.670690 | -117.120693 | 5.8189236 | 32.667860 | -117.121760 | 5.9824769 | 32.668240 | -117.121213 |
| 5.6515625 | 32.670687 | -117.120693 | 5.8190972 | 32.667853 | -117.121747 | 5.9826505 | 32.668237 | -117.121213 |
| 5.6517477 | 32.670673 | -117.120720 | 5.8192708 | 32.667850 | -117.121747 | 5.9828356 | 32.668230 | -117.121213 |
| 5.6519213 | 32.670673 | -117.120720 | 5.8194444 | 32.667850 | -117.121733 | 5.9829861 | 32.668227 | -117.121187 |
| 5.6520949 | 32.670667 | -117.120733 | 5.8196181 | 32.667843 | -117.121733 | 5.9831597 | 32.668227 | -117.121187 |
| 5.6546991 | 32.670613 | -117.120920 | 5.8197917 | 32.667840 | -117.121733 | 5.9833333 | 32.668230 | -117.121187 |
| 5.6548727 | 32.670613 | -117.120933 | 5.8199769 | 32.667830 | -117.121733 | 5.9835185 | 32.668230 | -117.121187 |
| 5.6550463 | 32.670613 | -117.120933 | 5.8201505 | 32.667830 | -117.121733 | 5.9836921 | 32.668227 | -117.121160 |
| 5.6552083 | 32.670613 | -117.120933 | 5.8203241 | 32.667823 | -117.121707 | 5.9838657 | 32.668227 | -117.121147 |
| 5.6553819 | 32.670613 | -117.120933 | 5.8204977 | 32.667817 | -117.121707 | 5.9840394 | 32.668227 | -117.121147 |
| 5.6555671 | 32.670610 | -117.120933 | 5.8206713 | 32.667813 | -117.121707 | 5.9842130 | 32.668233 | -117.121120 |
| 5.6557407 | 32.670610 | -117.120933 | 5.8208333 | 32.667807 | -117.121707 | 5.9856019 | 32.668233 | -117.121080 |
| 5.6559144 | 32.670610 | -117.120933 | 5.8210069 | 32.667803 | -117.121693 | 5.9857755 | 32.668230 | -117.121080 |
| 5.6560880 | 32.670610 | -117.120933 | 5.8211806 | 32.667793 | -117.121693 | 5.9859375 | 32.668203 | -117.121067 |
| 5.6562616 | 32.670600 | -117.120960 | 5.8213657 | 32.667790 | -117.121693 | 5.9861111 | 32.668193 | -117.121067 |
| 5.6564352 | 32.670600 | -117.120973 | 5.8215394 | 32.667787 | -117.121680 | 5.9862847 | 32.668180 | -117.121067 |
| 5.6566088 | 32.670593 | -117.120973 | 5.8217130 | 32.667777 | -117.121693 | 5.9864699 | 32.668160 | -117.121067 |
| 5.6567940 | 32.670587 | -117.121000 | 5.8218866 | 32.667773 | -117.121693 | 5.9866435 | 32.668157 | -117.121067 |
| 5.6569444 | 32.670587 | -117.121013 | 5.8224074 | 32.667750 | -117.121680 | 5.9868171 | 32.668160 | -117.121067 |
| 5.6571181 | 32.670577 | -117.121013 | 5.8225810 | 32.667743 | -117.121680 | 5.9870602 | 32.668163 | -117.121040 |
| 5.6572917 | 32.670573 | -117.121040 | 5.8227546 | 32.667743 | -117.121680 | 5.9871644 | 32.668160 | -117.121027 |
| 5.6574653 | 32.670563 | -117.121067 | 5.8229282 | 32.667740 | -117.121680 | 5.9873727 | 32.668153 | -117.121013 |
| 5.6576389 | 32.670563 | -117.121067 | 5.8230903 | 32.667733 | -117.121667 | 5.9875000 | 32.668153 | -117.121013 |
| 5.6578125 | 32.670560 | -117.121080 | 5.8232639 | 32.667730 | -117.121667 | 5.9876736 | 32.668153 | -117.121013 |
| 5.6581597 | 32.670550 | -117.121107 | 5.8234375 | 32.667720 | -117.121667 | 5.9878588 | 32.668153 | -117.121000 |
| 5.6583333 | 32.670550 | -117.121120 | 5.8236111 | 32.667710 | -117.121653 | 5.9880440 | 32.668153 | -117.120973 |
| 5.6585069 | 32.670550 | -117.121120 | 5.8237847 | 32.667710 | -117.121667 | 5.9881944 | 32.668153 | -117.120973 |
| 5.6586921 | 32.670543 | -117.121147 | 5.8239583 | 32.667710 | -117.121653 | 5.9883681 | 32.668157 | -117.120973 |
| 5.6588657 | 32.670540 | -117.121147 | 5.8241435 | 32.667703 | -117.121653 | 5.9885417 | 32.668153 | -117.120960 |
| 5.6590394 | 32.670540 | -117.121173 | 5.8243171 | 32.667693 | -117.121653 | 5.9887384 | 32.668140 | -117.120960 |
| 5.6592014 | 32.670537 | -117.121187 | 5.8244792 | 32.667687 | -117.121653 | 5.9889005 | 32.668140 | -117.120960 |
| 5.6593750 | 32.670537 | -117.121213 | 5.8246528 | 32.667680 | -117.121653 | 5.9897569 | 32.668190 | -117.120933 |
| 5.6595949 | 32.670537 | -117.121213 | 5.8248264 | 32.667683 | -117.121653 | 5.9899306 | 32.668173 | -117.120933 |
| 5.6597222 | 32.670533 | -117.121213 | 5.8250000 | 32.667680 | -117.121653 | 5.9901042 | 32.668153 | -117.120933 |
| 5.6599074 | 32.670533 | -117.121227 | 5.8251736 | 32.667683 | -117.121627 | 5.9902894 | 32.668127 | -117.120920 |
| 5.6600810 | 32.670527 | -117.121253 | 5.8253935 | 32.667677 | -117.121627 | 5.9904630 | 32.668120 | -117.120920 |
| 5.6602546 | 32.670533 | -117.121253 | 5.8255324 | 32.667673 | -117.121653 | 5.9906366 | 32.668117 | -117.120893 |
| 5.6604167 | 32.670533 | -117.121253 | 5.8257060 | 32.667673 | -117.121627 | 5.9908102 | 32.668120 | -117.120893 |
| 5.6606366 | 32.670533 | -117.121253 | 5.8272801 | 32.667650 | -117.121600 | 5.9909838 | 32.668127 | -117.120893 |
| 5.6607755 | 32.670527 | -117.121267 | 5.8274306 | 32.667650 | -117.121600 | 5.9911574 | 32.668130 | -117.120893 |
| 5.6609838 | 32.670527 | -117.121267 | 5.8276042 | 32.667643 | -117.121600 | 5.9913194 | 32.668130 | -117.120880 |
| 5.6611111 | 32.670527 | -117.121267 | 5.8278241 | 32.667643 | -117.121600 | 5.9914931 | 32.668123 | -117.120880 |
| 5.6613542 | 32.670527 | -117.121267 | 5.8279630 | 32.667640 | -117.121600 | 5.9917014 | 32.668120 | -117.120880 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6614583 | 32.670527 | -117.121267 | 5.8281250 | 32.667640 | -117.121613 | 5.9918519 | 32.668123 | -117.120880 |
| 5.6621644 | 32.670527 | -117.121267 | 5.8282986 | 32.667637 | -117.121613 | 5.9920255 | 32.668123 | -117.120880 |
| 5.6623380 | 32.670527 | -117.121267 | 5.8284838 | 32.667637 | -117.121613 | 5.9921991 | 32.668120 | -117.120867 |
| 5.6625000 | 32.670527 | -117.121267 | 5.8286574 | 32.667630 | -117.121613 | 5.9923727 | 32.668123 | -117.120880 |
| 5.6626852 | 32.670527 | -117.121293 | 5.8288194 | 32.667623 | -117.121600 | 5.9925463 | 32.668120 | -117.120880 |
| 5.6628588 | 32.670527 | -117.121293 | 5.8289931 | 32.667623 | -117.121600 | 5.9927199 | 32.668117 | -117.120867 |
| 5.6630208 | 32.670527 | -117.121293 | 5.8291667 | 32.667623 | -117.121587 | 5.9928935 | 32.668117 | -117.120853 |
| 5.6631944 | 32.670527 | -117.121293 | 5.8293403 | 32.667613 | -117.121587 | 5.9930556 | 32.668117 | -117.120853 |
| 5.6633681 | 32.670527 | -117.121307 | 5.8295139 | 32.667613 | -117.121587 | 5.9935880 | 32.668090 | -117.120840 |
| 5.6635417 | 32.670527 | -117.121307 | 5.8296875 | 32.667613 | -117.121587 | 5.9937500 | 32.668093 | -117.120840 |
| 5.6637269 | 32.670527 | -117.121320 | 5.8298958 | 32.667610 | -117.121560 | 5.9939236 | 32.668093 | -117.120840 |
| 5.6639005 | 32.670527 | -117.121320 | 5.8300463 | 32.667607 | -117.121560 | 5.9940972 | 32.668093 | -117.120840 |
| 5.6640625 | 32.670527 | -117.121320 | 5.8302199 | 32.667603 | -117.121547 | 5.9942824 | 32.668100 | -117.120813 |
| 5.6642361 | 32.670527 | -117.121320 | 5.8303935 | 32.667600 | -117.121547 | 5.9944560 | 32.668100 | -117.120813 |
| 5.6644097 | 32.670527 | -117.121320 | 5.8305671 | 32.667600 | -117.121547 | 5.9946412 | 32.668110 | -117.120813 |
| 5.6645833 | 32.670523 | -117.121360 | 5.8319560 | 32.667563 | -117.121533 | 5.9947917 | 32.668117 | -117.120813 |
| 5.6647685 | 32.670523 | -117.121360 | 5.8321991 | 32.667557 | -117.121533 | 5.9949653 | 32.668110 | -117.120840 |
| 5.6649421 | 32.670523 | -117.121360 | 5.8323032 | 32.667553 | -117.121520 | 5.9951852 | 32.668140 | -117.120840 |
| 5.6651157 | 32.670523 | -117.121360 | 5.8324769 | 32.667540 | -117.121520 | 5.9953125 | 32.668140 | -117.120840 |
| 5.6652778 | 32.670523 | -117.121360 | 5.8326389 | 32.667537 | -117.121520 | 5.9954977 | 32.668130 | -117.120853 |
| 5.6654977 | 32.670523 | -117.121373 | 5.8328125 | 32.667527 | -117.121520 | 5.9956713 | 32.668117 | -117.120853 |
| 5.6665046 | 32.670523 | -117.121387 | 5.8329977 | 32.667513 | -117.121520 | 5.9958333 | 32.668103 | -117.120853 |
| 5.6666782 | 32.670523 | -117.121387 | 5.8331713 | 32.667520 | -117.121507 | 5.9960069 | 32.668093 | -117.120853 |
| 5.6668403 | 32.670520 | -117.121400 | 5.8333449 | 32.667517 | -117.121507 | 5.9961806 | 32.668087 | -117.120853 |
| 5.6670139 | 32.670520 | -117.121400 | 5.8335185 | 32.667503 | -117.121507 | 5.9963542 | 32.668080 | -117.120840 |
| 5.6671875 | 32.670520 | -117.121400 | 5.8337037 | 32.667503 | -117.121480 | 5.9965278 | 32.668080 | -117.120840 |
| 5.6673611 | 32.670520 | -117.121400 | 5.8338542 | 32.667503 | -117.121480 | 5.9967477 | 32.668067 | -117.120840 |
| 5.6675347 | 32.670517 | -117.121413 | 5.8340278 | 32.667493 | -117.121480 | 5.9968750 | 32.668070 | -117.120840 |
| 5.6677083 | 32.670517 | -117.121440 | 5.8342361 | 32.667497 | -117.121480 | 5.9974074 | 32.668070 | -117.120840 |
| 5.6678819 | 32.670517 | -117.121440 | 5.8343866 | 32.667493 | -117.121480 | 5.9975694 | 32.668070 | -117.120840 |
| 5.6680556 | 32.670517 | -117.121453 | 5.8345486 | 32.667497 | -117.121467 | 5.9977431 | 32.668070 | -117.120840 |
| 5.6682292 | 32.670517 | -117.121453 | 5.8347222 | 32.667513 | -117.121467 | 5.9979167 | 32.668070 | -117.120840 |
| 5.6684144 | 32.670517 | -117.121453 | 5.8348958 | 32.667510 | -117.121467 | 5.9981366 | 32.668057 | -117.120840 |
| 5.6685880 | 32.670517 | -117.121453 | 5.8350810 | 32.667510 | -117.121467 | 5.9982639 | 32.668057 | -117.120813 |
| 5.6687500 | 32.670517 | -117.121467 | 5.8352546 | 32.667510 | -117.121467 | 5.9984375 | 32.668057 | -117.120840 |
| 5.6689236 | 32.670517 | -117.121467 | 5.8362847 | 32.667503 | -117.121413 | 5.9986111 | 32.668057 | -117.120853 |
| 5.6690972 | 32.670517 | -117.121467 | 5.8364583 | 32.667503 | -117.121413 | 5.9987963 | 32.668057 | -117.120853 |
| 5.6692708 | 32.670517 | -117.121467 | 5.8366435 | 32.667503 | -117.121413 | 5.9989699 | 32.668063 | -117.120840 |
| 5.6694444 | 32.670517 | -117.121467 | 5.8368171 | 32.667500 | -117.121413 | 5.9991435 | 32.668057 | -117.120840 |
| 5.6696181 | 32.670517 | -117.121467 | 5.8369792 | 32.667500 | -117.121413 | 5.9993171 | 32.668053 | -117.120840 |
| 5.6698032 | 32.670517 | -117.121467 | 5.8371528 | 32.667503 | -117.121413 | 5.9994792 | 32.668047 | -117.120840 |
| 5.6710185 | 32.670517 | -117.121507 | 5.8373264 | 32.667503 | -117.121400 | 5.9996528 | 32.668047 | -117.120840 |
| 5.6711921 | 32.670517 | -117.121507 | 5.8375116 | 32.667503 | -117.121400 | 5.9998264 | 32.668043 | -117.120813 |
| 5.6713657 | 32.670517 | -117.121507 | 5.8377083 | 32.667503 | -117.121387 | 6.0000000 | 32.668047 | -117.120840 |
| 5.6715278 | 32.670517 | -117.121507 | 5.8378588 | 32.667503 | -117.121387 | 6.0001736 | 32.668043 | -117.120840 |
| 5.6717014 | 32.670517 | -117.121507 | 5.8380324 | 32.667503 | -117.121373 | 6.0003472 | 32.668027 | -117.120840 |
| 5.6718750 | 32.670517 | -117.121507 | 5.8381944 | 32.667503 | -117.121360 | 6.0005208 | 32.668020 | -117.120840 |
| 5.6720486 | 32.670517 | -117.121507 | 5.8383681 | 32.667503 | -117.121360 | 6.0006944 | 32.668033 | -117.120840 |
| 5.6722222 | 32.670520 | -117.121520 | 5.8385532 | 32.667503 | -117.121360 | 6.0012269 | 32.668030 | -117.120853 |
| 5.6723958 | 32.670520 | -117.121520 | 5.8387269 | 32.667503 | -117.121360 | 6.0014005 | 32.668033 | -117.120853 |
| 5.6725694 | 32.670520 | -117.121520 | 5.8388889 | 32.667503 | -117.121333 | 6.0016898 | 32.668033 | -117.120867 |
| 5.6727431 | 32.670520 | -117.121520 | 5.8390625 | 32.667500 | -117.121320 | 6.0019097 | 32.668037 | -117.120853 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6729167 | 32.670520 | -117.121520 | 5.8393403 | 32.667497 | -117.121307 | 6.0020833 | 32.668033 | -117.120853 |
| 5.6731019 | 32.670520 | -117.121520 | 5.8394213 | 32.667493 | -117.121307 | 6.0022569 | 32.668033 | -117.120867 |
| 5.6732755 | 32.670520 | -117.121520 | 5.8395949 | 32.667493 | -117.121267 | 6.0024306 | 32.668033 | -117.120853 |
| 5.6734491 | 32.670520 | -117.121533 | 5.8402894 | 32.667477 | -117.121253 | 6.0026042 | 32.668033 | -117.120853 |
| 5.6736111 | 32.670520 | -117.121533 | 5.8404745 | 32.667473 | -117.121227 | 6.0027894 | 32.668037 | -117.120867 |
| 5.6737847 | 32.670520 | -117.121533 | 5.8406250 | 32.667473 | -117.121213 | 6.0029630 | 32.668030 | -117.120867 |
| 5.6739583 | 32.670520 | -117.121533 | 5.8407986 | 32.667473 | -117.121213 | 6.0031250 | 32.668020 | -117.120867 |
| 5.6741319 | 32.670523 | -117.121533 | 5.8409838 | 32.667480 | -117.121213 | 6.0032986 | 32.668027 | -117.120867 |
| 5.6743056 | 32.670523 | -117.121533 | 5.8411574 | 32.667480 | -117.121213 | 6.0035069 | 32.668020 | -117.120880 |
| 5.6756944 | 32.670523 | -117.121587 | 5.8413310 | 32.667480 | -117.121213 | 6.0036574 | 32.668030 | -117.120880 |
| 5.6758681 | 32.670523 | -117.121587 | 5.8414931 | 32.667480 | -117.121187 | 6.0038310 | 32.668030 | -117.120880 |
| 5.6760417 | 32.670523 | -117.121587 | 5.8416667 | 32.667483 | -117.121160 | 6.0040046 | 32.668030 | -117.120880 |
| 5.6762153 | 32.670527 | -117.121587 | 5.8418403 | 32.667490 | -117.121147 | 6.0041782 | 32.668030 | -117.120880 |
| 5.6763889 | 32.670527 | -117.121587 | 5.8420602 | 32.667490 | -117.121147 | 6.0043403 | 32.668030 | -117.120880 |
| 5.6765741 | 32.670533 | -117.121600 | 5.8421991 | 32.667490 | -117.121147 | 6.0045139 | 32.668020 | -117.120880 |
| 5.6767477 | 32.670537 | -117.121587 | 5.8423727 | 32.667493 | -117.121120 | 6.0046875 | 32.668020 | -117.120880 |
| 5.6769213 | 32.670540 | -117.121587 | 5.8425463 | 32.667490 | -117.121120 | 6.0066204 | 32.668000 | -117.120880 |
| 5.6770949 | 32.670543 | -117.121600 | 5.8427199 | 32.667497 | -117.121120 | 6.0067708 | 32.668007 | -117.120893 |
| 5.6772685 | 32.670550 | -117.121600 | 5.8428819 | 32.667497 | -117.121120 | 6.0069560 | 32.668007 | -117.120880 |
| 5.6774421 | 32.670553 | -117.121600 | 5.8430556 | 32.667497 | -117.121120 | 6.0071296 | 32.668000 | -117.120880 |
| 5.6777083 | 32.670563 | -117.121600 | 5.8432292 | 32.667497 | -117.121107 | 6.0072917 | 32.667997 | -117.120880 |
| 5.6777894 | 32.670570 | -117.121600 | 5.8434144 | 32.667500 | -117.121093 | 6.0074653 | 32.668000 | -117.120880 |
| 5.6779630 | 32.670577 | -117.121600 | 5.8435880 | 32.667500 | -117.121080 | 6.0077315 | 32.667993 | -117.120893 |
| 5.6781366 | 32.670587 | -117.121600 | 5.8441319 | 32.667510 | -117.121067 | 6.0078125 | 32.667997 | -117.120893 |
| 5.6783102 | 32.670587 | -117.121600 | 5.8442824 | 32.667513 | -117.121067 | 6.0080208 | 32.667993 | -117.120920 |
| 5.6784838 | 32.670590 | -117.121600 | 5.8444560 | 32.667513 | -117.121067 | 6.0081713 | 32.667990 | -117.120920 |
| 5.6787269 | 32.670590 | -117.121600 | 5.8446296 | 32.667517 | -117.121067 | 6.0083449 | 32.667987 | -117.120920 |
| 5.6788194 | 32.670590 | -117.121600 | 5.8447917 | 32.667517 | -117.121067 | 6.0085185 | 32.667980 | -117.120920 |
| 5.6790625 | 32.670590 | -117.121600 | 5.8449653 | 32.667520 | -117.121067 | 6.0086921 | 32.667977 | -117.120920 |
| 5.6796875 | 32.670630 | -117.121600 | 5.8451389 | 32.667520 | -117.121040 | 6.0088657 | 32.667977 | -117.120920 |
| 5.6798611 | 32.670643 | -117.121613 | 5.8453241 | 32.667527 | -117.121027 | 6.0090394 | 32.667980 | -117.120920 |
| 5.6800347 | 32.670660 | -117.121613 | 5.8454977 | 32.667527 | -117.121027 | 6.0092130 | 32.667980 | -117.120933 |
| 5.6802083 | 32.670680 | -117.121613 | 5.8456713 | 32.667527 | -117.121013 | 6.0093866 | 32.667980 | -117.120933 |
| 5.6803819 | 32.670693 | -117.121613 | 5.8458333 | 32.667533 | -117.121013 | 6.0095602 | 32.667980 | -117.120933 |
| 5.6805556 | 32.670700 | -117.121613 | 5.8460069 | 32.667533 | -117.121013 | 6.0097338 | 32.667980 | -117.120933 |
| 5.6807292 | 32.670703 | -117.121613 | 5.8461806 | 32.667537 | -117.121000 | 6.0100000 | 32.667977 | -117.120933 |
| 5.6809028 | 32.670717 | -117.121613 | 5.8463773 | 32.667537 | -117.121000 | 6.0106019 | 32.667970 | -117.120947 |
| 5.6810880 | 32.670723 | -117.121600 | 5.8465278 | 32.667537 | -117.120973 | 6.0107755 | 32.667973 | -117.120947 |
| 5.6812616 | 32.670730 | -117.121600 | 5.8467014 | 32.667537 | -117.120973 | 6.0109491 | 32.667973 | -117.120947 |
| 5.6814352 | 32.670740 | -117.121587 | 5.8468750 | 32.667530 | -117.120973 | 6.0111227 | 32.667973 | -117.120960 |
| 5.6816088 | 32.670760 | -117.121600 | 5.8470486 | 32.667530 | -117.120973 | 6.0112847 | 32.667963 | -117.120947 |
| 5.6818750 | 32.670777 | -117.121587 | 5.8472685 | 32.667530 | -117.120973 | 6.0114583 | 32.667963 | -117.120947 |
| 5.6819444 | 32.670780 | -117.121560 | 5.8474884 | 32.667530 | -117.120960 | 6.0116319 | 32.667957 | -117.120947 |
| 5.6821759 | 32.670793 | -117.121560 | 5.8481019 | 32.667540 | -117.120947 | 6.0118171 | 32.667953 | -117.120947 |
| 5.6823032 | 32.670803 | -117.121560 | 5.8482870 | 32.667540 | -117.120947 | 6.0119907 | 32.667950 | -117.120947 |
| 5.6824769 | 32.670813 | -117.121547 | 5.8484375 | 32.667540 | -117.120947 | 6.0121644 | 32.667950 | -117.120933 |
| 5.6826389 | 32.670810 | -117.121547 | 5.8486111 | 32.667540 | -117.120947 | 6.0123380 | 32.667943 | -117.120933 |
| 5.6828125 | 32.670827 | -117.121533 | 5.8487963 | 32.667540 | -117.120947 | 6.0125116 | 32.667950 | -117.120920 |
| 5.6829977 | 32.670840 | -117.121520 | 5.8489699 | 32.667540 | -117.120947 | 6.0126852 | 32.667957 | -117.120920 |
| 5.6835185 | 32.670887 | -117.121480 | 5.8491319 | 32.667540 | -117.120947 | 6.0128588 | 32.667953 | -117.120920 |
| 5.6836921 | 32.670900 | -117.121467 | 5.8493056 | 32.667540 | -117.120947 | 6.0130324 | 32.667957 | -117.120893 |
| 5.6838657 | 32.670913 | -117.121467 | 5.8494792 | 32.667540 | -117.120947 | 6.0131944 | 32.667953 | -117.120893 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6840394 | 32.670920 | -117.121453 | 5.8496528 | 32.667547 | -117.120947 | 6.0133681 | 32.667953 | -117.120920 |
| 5.6842130 | 32.670947 | -117.121440 | 5.8498264 | 32.667547 | -117.120947 | 6.0135417 | 32.667960 | -117.120893 |
| 5.6843866 | 32.670960 | -117.121413 | 5.8500000 | 32.667550 | -117.120947 | 6.0137153 | 32.667963 | -117.120893 |
| 5.6845486 | 32.670977 | -117.121413 | 5.8501852 | 32.667550 | -117.120947 | 6.0138889 | 32.667960 | -117.120920 |
| 5.6847222 | 32.670987 | -117.121413 | 5.8503588 | 32.667550 | -117.120947 | 6.0144097 | 32.667963 | -117.120920 |
| 5.6849074 | 32.671000 | -117.121400 | 5.8505208 | 32.667547 | -117.120947 | 6.0145949 | 32.667953 | -117.120933 |
| 5.6850810 | 32.671007 | -117.121387 | 5.8506944 | 32.667550 | -117.120933 | 6.0147685 | 32.667953 | -117.120920 |
| 5.6852546 | 32.671030 | -117.121387 | 5.8508681 | 32.667550 | -117.120933 | 6.0149421 | 32.667953 | -117.120920 |
| 5.6854282 | 32.671037 | -117.121387 | 5.8510417 | 32.667553 | -117.120933 | 6.0151157 | 32.667953 | -117.120920 |
| 5.6855903 | 32.671050 | -117.121373 | 5.8512269 | 32.667553 | -117.120933 | 6.0152894 | 32.667953 | -117.120920 |
| 5.6857639 | 32.671060 | -117.121360 | 5.8514005 | 32.667553 | -117.120933 | 6.0154630 | 32.667957 | -117.120920 |
| 5.6859375 | 32.671073 | -117.121360 | 5.8522569 | 32.667563 | -117.120933 | 6.0156366 | 32.667957 | -117.120933 |
| 5.6861111 | 32.671080 | -117.121333 | 5.8524306 | 32.667563 | -117.120933 | 6.0158102 | 32.667960 | -117.120933 |
| 5.6862847 | 32.671090 | -117.121333 | 5.8526042 | 32.667567 | -117.120933 | 6.0159838 | 32.667960 | -117.120947 |
| 5.6865046 | 32.671103 | -117.121320 | 5.8527778 | 32.667570 | -117.120933 | 6.0161574 | 32.667960 | -117.120947 |
| 5.6866319 | 32.671117 | -117.121307 | 5.8529514 | 32.667573 | -117.120933 | 6.0163310 | 32.667960 | -117.120947 |
| 5.6868171 | 32.671123 | -117.121293 | 5.8531250 | 32.667573 | -117.120933 | 6.0165046 | 32.667963 | -117.120947 |
| 5.6875000 | 32.671153 | -117.121253 | 5.8532986 | 32.667573 | -117.120933 | 6.0166667 | 32.667963 | -117.120960 |
| 5.6876736 | 32.671153 | -117.121253 | 5.8534838 | 32.667573 | -117.120933 | 6.0168403 | 32.667963 | -117.120973 |
| 5.6878588 | 32.671177 | -117.121227 | 5.8536574 | 32.667573 | -117.120920 | 6.0170139 | 32.667963 | -117.120973 |
| 5.6880324 | 32.671180 | -117.121227 | 5.8538194 | 32.667573 | -117.120920 | 6.0171875 | 32.667970 | -117.120973 |
| 5.6881944 | 32.671190 | -117.121213 | 5.8539931 | 32.667570 | -117.120920 | 6.0173611 | 32.667980 | -117.120973 |
| 5.6883681 | 32.671200 | -117.121213 | 5.8541667 | 32.667573 | -117.120920 | 6.0175347 | 32.667977 | -117.120973 |
| 5.6885417 | 32.671203 | -117.121213 | 5.8543981 | 32.667577 | -117.120920 | 6.0177083 | 32.667987 | -117.120973 |
| 5.6887269 | 32.671207 | -117.121173 | 5.8545255 | 32.667577 | -117.120920 | 6.0191088 | 32.668000 | -117.121000 |
| 5.6889005 | 32.671200 | -117.121160 | 5.8546875 | 32.667583 | -117.120920 | 6.0192824 | 32.667993 | -117.121000 |
| 5.6890856 | 32.671220 | -117.121120 | 5.8548611 | 32.667583 | -117.120920 | 6.0194560 | 32.668007 | -117.121000 |
| 5.6892361 | 32.671227 | -117.121120 | 5.8550347 | 32.667583 | -117.120920 | 6.0196296 | 32.668017 | -117.121000 |
| 5.6894560 | 32.671227 | -117.121120 | 5.8552083 | 32.667587 | -117.120920 | 6.0198032 | 32.668000 | -117.121013 |
| 5.6895833 | 32.671227 | -117.121107 | 5.8553935 | 32.667590 | -117.120893 | 6.0199769 | 32.667990 | -117.121013 |
| 5.6897569 | 32.671233 | -117.121080 | 5.8555671 | 32.667590 | -117.120893 | 6.0201389 | 32.667987 | -117.121013 |
| 5.6899421 | 32.671243 | -117.121080 | 5.8565046 | 32.667600 | -117.120893 | 6.0203125 | 32.667987 | -117.121013 |
| 5.6901157 | 32.671253 | -117.121067 | 5.8566088 | 32.667600 | -117.120893 | 6.0204861 | 32.667993 | -117.121013 |
| 5.6902894 | 32.671257 | -117.121067 | 5.8567824 | 32.667600 | -117.120893 | 6.0206713 | 32.667997 | -117.121013 |
| 5.6904630 | 32.671257 | -117.121067 | 5.8569560 | 32.667600 | -117.120893 | 6.0208449 | 32.667997 | -117.121013 |
| 5.6906481 | 32.671260 | -117.121027 | 5.8571296 | 32.667600 | -117.120893 | 6.0210185 | 32.667997 | -117.121027 |
| 5.6907986 | 32.671250 | -117.121013 | 5.8573032 | 32.667600 | -117.120893 | 6.0211921 | 32.667997 | -117.121027 |
| 5.6913194 | 32.671240 | -117.121000 | 5.8575231 | 32.667600 | -117.120893 | 6.0213657 | 32.667997 | -117.121040 |
| 5.6914931 | 32.671240 | -117.120973 | 5.8576505 | 32.667600 | -117.120893 | 6.0215394 | 32.667997 | -117.121067 |
| 5.6916667 | 32.671240 | -117.120973 | 5.8578704 | 32.667600 | -117.120893 | 6.0217130 | 32.667993 | -117.121067 |
| 5.6918519 | 32.671237 | -117.120960 | 5.8580671 | 32.667600 | -117.120880 | 6.0218866 | 32.667990 | -117.121067 |
| 5.6920255 | 32.671237 | -117.120960 | 5.8581713 | 32.667603 | -117.120880 | 6.0221528 | 32.667990 | -117.121067 |
| 5.6921991 | 32.671237 | -117.120947 | 5.8583449 | 32.667600 | -117.120880 | 6.0222338 | 32.667990 | -117.121080 |
| 5.6923611 | 32.671243 | -117.120947 | 5.8585185 | 32.667600 | -117.120880 | 6.0227546 | 32.667980 | -117.121093 |
| 5.6925347 | 32.671243 | -117.120933 | 5.8586806 | 32.667600 | -117.120880 | 6.0229282 | 32.667987 | -117.121120 |
| 5.6927083 | 32.671250 | -117.120920 | 5.8588542 | 32.667600 | -117.120880 | 6.0231019 | 32.667987 | -117.121120 |
| 5.6928935 | 32.671253 | -117.120920 | 5.8590278 | 32.667600 | -117.120880 | 6.0232639 | 32.667990 | -117.121120 |
| 5.6930671 | 32.671253 | -117.120920 | 5.8592014 | 32.667603 | -117.120880 | 6.0234375 | 32.667993 | -117.121120 |
| 5.6932407 | 32.671250 | -117.120893 | 5.8594329 | 32.667603 | -117.120867 | 6.0236111 | 32.667997 | -117.121120 |
| 5.6934375 | 32.671250 | -117.120880 | 5.8595602 | 32.667603 | -117.120867 | 6.0237847 | 32.668000 | -117.121120 |
| 5.6935764 | 32.671253 | -117.120867 | 5.8597338 | 32.667610 | -117.120853 | 6.0239583 | 32.667997 | -117.121120 |
| 5.6937500 | 32.671257 | -117.120853 | 5.8604282 | 32.667613 | -117.120853 | 6.0241319 | 32.667997 | -117.121120 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.6939236 | 32.671260 | -117.120867 | 5.8606019 | 32.667620 | -117.120840 | 6.0243171 | 32.667987 | -117.121120 |
| 5.6941319 | 32.671263 | -117.120867 | 5.8608218 | 32.667620 | -117.120840 | 6.0244907 | 32.667980 | -117.121120 |
| 5.6942824 | 32.671263 | -117.120853 | 5.8610417 | 32.667627 | -117.120840 | 6.0246644 | 32.667970 | -117.121120 |
| 5.6944560 | 32.671263 | -117.120840 | 5.8612731 | 32.667627 | -117.120840 | 6.0248380 | 32.667963 | -117.121147 |
| 5.6946181 | 32.671260 | -117.120840 | 5.8614699 | 32.667630 | -117.120813 | 6.0250116 | 32.667963 | -117.121147 |
| 5.6953241 | 32.671270 | -117.120773 | 5.8616435 | 32.667637 | -117.120813 | 6.0251852 | 32.667963 | -117.121160 |
| 5.6954977 | 32.671263 | -117.120747 | 5.8618981 | 32.667637 | -117.120813 | 6.0253472 | 32.667963 | -117.121173 |
| 5.6956713 | 32.671263 | -117.120747 | 5.8619792 | 32.667637 | -117.120813 | 6.0255208 | 32.667963 | -117.121187 |
| 5.6958333 | 32.671260 | -117.120733 | 5.8621528 | 32.667637 | -117.120813 | 6.0256944 | 32.667953 | -117.121187 |
| 5.6960069 | 32.671263 | -117.120733 | 5.8623264 | 32.667637 | -117.120813 | 6.0258681 | 32.667953 | -117.121187 |
| 5.6961806 | 32.671270 | -117.120720 | 5.8625926 | 32.667637 | -117.120813 | 6.0260417 | 32.667957 | -117.121187 |
| 5.6963542 | 32.671270 | -117.120707 | 5.8626736 | 32.667637 | -117.120813 | 6.0265625 | 32.667957 | -117.121187 |
| 5.6965278 | 32.671270 | -117.120693 | 5.8629861 | 32.667637 | -117.120813 | 6.0267361 | 32.667963 | -117.121213 |
| 5.6967014 | 32.671263 | -117.120693 | 5.8632060 | 32.667637 | -117.120813 | 6.0269097 | 32.667970 | -117.121213 |
| 5.6968750 | 32.671260 | -117.120653 | 5.8634491 | 32.667637 | -117.120813 | 6.0270833 | 32.667970 | -117.121213 |
| 5.6970486 | 32.671263 | -117.120653 | 5.8635532 | 32.667637 | -117.120800 | 6.0272569 | 32.667973 | -117.121213 |
| 5.6972222 | 32.671263 | -117.120627 | 5.8637269 | 32.667637 | -117.120800 | 6.0274306 | 32.667963 | -117.121213 |
| 5.6973958 | 32.671270 | -117.120600 | 5.8639005 | 32.667637 | -117.120800 | 6.0276157 | 32.667963 | -117.121213 |
| 5.6976389 | 32.671270 | -117.120600 | 5.8640741 | 32.667637 | -117.120800 | 6.0277894 | 32.667963 | -117.121213 |
| 5.6977546 | 32.671260 | -117.120600 | 5.8651157 | 32.667640 | -117.120800 | 6.0279630 | 32.667970 | -117.121227 |
| 5.6979282 | 32.671250 | -117.120600 | 5.8652894 | 32.667640 | -117.120800 | 6.0281250 | 32.667970 | -117.121213 |
| 5.6981019 | 32.671223 | -117.120587 | 5.8654514 | 32.667640 | -117.120800 | 6.0282986 | 32.667970 | -117.121213 |
| 5.6982755 | 32.671213 | -117.120587 | 5.8656250 | 32.667640 | -117.120800 | 6.0285069 | 32.667973 | -117.121227 |
| 5.6984375 | 32.671180 | -117.120587 | 5.8657986 | 32.667640 | -117.120800 | 6.0286574 | 32.667977 | -117.121227 |
| 5.6986111 | 32.671170 | -117.120560 | 5.8659722 | 32.667640 | -117.120800 | 6.0288310 | 32.667980 | -117.121227 |
| 5.6991319 | 32.671117 | -117.120587 | 5.8661458 | 32.667640 | -117.120800 | 6.0290046 | 32.667980 | -117.121240 |
| 5.6993171 | 32.671103 | -117.120573 | 5.8663194 | 32.667640 | -117.120800 | 6.0291782 | 32.667987 | -117.121253 |
| 5.6994907 | 32.671090 | -117.120560 | 5.8664931 | 32.667643 | -117.120800 | 6.0293519 | 32.667980 | -117.121253 |
| 5.6996528 | 32.671073 | -117.120547 | 5.8666667 | 32.667643 | -117.120800 | 6.0295255 | 32.667987 | -117.121267 |
| 5.6998264 | 32.671067 | -117.120547 | 5.8668519 | 32.667643 | -117.120800 | 6.0296991 | 32.667987 | -117.121267 |
| 5.7000000 | 32.671053 | -117.120547 | 5.8670255 | 32.667643 | -117.120787 | 6.0298727 | 32.667987 | -117.121267 |
| 5.7001736 | 32.671023 | -117.120547 | 5.8671991 | 32.667643 | -117.120787 | 6.0312963 | 32.668000 | -117.121320 |
| 5.7003472 | 32.670997 | -117.120547 | 5.8673611 | 32.667647 | -117.120787 | 6.0314236 | 32.668007 | -117.121333 |
| 5.7005208 | 32.670973 | -117.120520 | 5.8675347 | 32.667647 | -117.120787 | 6.0315972 | 32.668010 | -117.121333 |
| 5.7006944 | 32.670950 | -117.120520 | 5.8677083 | 32.667647 | -117.120787 | 6.0317824 | 32.668010 | -117.121320 |
| 5.7008796 | 32.670943 | -117.120493 | 5.8678819 | 32.667647 | -117.120787 | 6.0319560 | 32.668013 | -117.121333 |
| 5.7010532 | 32.670927 | -117.120493 | 5.8680556 | 32.667650 | -117.120787 | 6.0321296 | 32.668030 | -117.121333 |
| 5.7012269 | 32.670907 | -117.120480 | 5.8683218 | 32.667650 | -117.120787 | 6.0322917 | 32.668033 | -117.121333 |
| 5.7014005 | 32.670900 | -117.120480 | 5.8684028 | 32.667650 | -117.120787 | 6.0324653 | 32.668033 | -117.121333 |
| 5.7015741 | 32.670877 | -117.120480 | 5.8689236 | 32.667650 | -117.120787 | 6.0326389 | 32.668037 | -117.121360 |
| 5.7017477 | 32.670863 | -117.120480 | 5.8690972 | 32.667650 | -117.120787 | 6.0328241 | 32.668043 | -117.121360 |
| 5.7019213 | 32.670840 | -117.120480 | 5.8693171 | 32.667650 | -117.120787 | 6.0329977 | 32.668033 | -117.121360 |
| 5.7022222 | 32.670803 | -117.120453 | 5.8694444 | 32.667650 | -117.120787 | 6.0331713 | 32.668027 | -117.121360 |
| 5.7024421 | 32.670797 | -117.120453 | 5.8696759 | 32.667650 | -117.120747 | 6.0333333 | 32.668020 | -117.121373 |
| 5.7026157 | 32.670783 | -117.120453 | 5.8698032 | 32.667650 | -117.120747 | 6.0335069 | 32.668013 | -117.121387 |
| 5.7033102 | 32.670730 | -117.120453 | 5.8699769 | 32.667657 | -117.120747 | 6.0336806 | 32.668007 | -117.121387 |
| 5.7034722 | 32.670727 | -117.120480 | 5.8701389 | 32.667657 | -117.120747 | 6.0338657 | 32.668013 | -117.121400 |
| 5.7036458 | 32.670717 | -117.120507 | 5.8703125 | 32.667657 | -117.120747 | 6.0340394 | 32.668020 | -117.121413 |
| 5.7038194 | 32.670700 | -117.120520 | 5.8704977 | 32.667657 | -117.120747 | 6.0342130 | 32.668027 | -117.121413 |
| 5.7039931 | 32.670687 | -117.120547 | 5.8707639 | 32.667667 | -117.120733 | 6.0343750 | 32.668027 | -117.121440 |
| 5.7041667 | 32.670680 | -117.120547 | 5.8708681 | 32.667673 | -117.120720 | 6.0345486 | 32.668030 | -117.121453 |
| 5.7043403 | 32.670667 | -117.120560 | 5.8710069 | 32.667673 | -117.120707 | 6.0350694 | 32.668037 | -117.121453 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.7045255 | 32.670643 | -117.120587 | 5.8711806 | 32.667677 | -117.120693 | 6.0352431 | 32.668043 | -117.121453 |
| 5.7047338 | 32.670637 | -117.120600 | 5.8713657 | 32.667677 | -117.120693 | 6.0354167 | 32.668043 | -117.121453 |
| 5.7048611 | 32.670630 | -117.120600 | 5.8715394 | 32.667677 | -117.120693 | 6.0356019 | 32.668043 | -117.121467 |
| 5.7050347 | 32.670623 | -117.120653 | 5.8717014 | 32.667680 | -117.120693 | 6.0357755 | 32.668047 | -117.121480 |
| 5.7052083 | 32.670607 | -117.120653 | 5.8718750 | 32.667680 | -117.120693 | 6.0359491 | 32.668047 | -117.121480 |
| 5.7053935 | 32.670600 | -117.120667 | 5.8721065 | 32.667680 | -117.120693 | 6.0361227 | 32.668047 | -117.121480 |
| 5.7055671 | 32.670600 | -117.120693 | 5.8722338 | 32.667683 | -117.120693 | 6.0362963 | 32.668047 | -117.121480 |
| 5.7057407 | 32.670610 | -117.120707 | 5.8727431 | 32.667683 | -117.120693 | 6.0364699 | 32.668057 | -117.121507 |
| 5.7059144 | 32.670600 | -117.120720 | 5.8729167 | 32.667687 | -117.120693 | 6.0366435 | 32.668057 | -117.121507 |
| 5.7060880 | 32.670597 | -117.120733 | 5.8730903 | 32.667687 | -117.120693 | 6.0368171 | 32.668063 | -117.121520 |
| 5.7062500 | 32.670600 | -117.120733 | 5.8732639 | 32.667687 | -117.120693 | 6.0369907 | 32.668063 | -117.121533 |
| 5.7064236 | 32.670600 | -117.120747 | 5.8734838 | 32.667687 | -117.120693 | 6.0371644 | 32.668067 | -117.121533 |
| 5.7065972 | 32.670600 | -117.120747 | 5.8736343 | 32.667687 | -117.120667 | 6.0373380 | 32.668063 | -117.121547 |
| 5.7071296 | 32.670587 | -117.120800 | 5.8737847 | 32.667687 | -117.120667 | 6.0375116 | 32.668063 | -117.121547 |
| 5.7073032 | 32.670573 | -117.120813 | 5.8739699 | 32.667687 | -117.120667 | 6.0376852 | 32.668067 | -117.121560 |
| 5.7074769 | 32.670570 | -117.120840 | 5.8741435 | 32.667687 | -117.120667 | 6.0378588 | 32.668070 | -117.121560 |
| 5.7076620 | 32.670563 | -117.120853 | 5.8743171 | 32.667693 | -117.120667 | 6.0380324 | 32.668067 | -117.121587 |
| 5.7078125 | 32.670553 | -117.120853 | 5.8744792 | 32.667693 | -117.120667 | 6.0382060 | 32.668063 | -117.121587 |
| 5.7079861 | 32.670540 | -117.120867 | 5.8746528 | 32.667693 | -117.120667 | 6.0383796 | 32.668063 | -117.121600 |
| 5.7081713 | 32.670520 | -117.120880 | 5.8748611 | 32.667693 | -117.120653 | 6.0388889 | 32.668080 | -117.121613 |
| 5.7083449 | 32.670513 | -117.120893 | 5.8750116 | 32.667693 | -117.120653 | 6.0390625 | 32.668083 | -117.121627 |
| 5.7085764 | 32.670500 | -117.120920 | 5.8751852 | 32.667693 | -117.120653 | 6.0392361 | 32.668093 | -117.121653 |
| 5.7086806 | 32.670497 | -117.120920 | 5.8753588 | 32.667693 | -117.120653 | 6.0394097 | 32.668100 | -117.121653 |
| 5.7088542 | 32.670490 | -117.120933 | 5.8755324 | 32.667697 | -117.120653 | 6.0395833 | 32.668103 | -117.121653 |
| 5.7090278 | 32.670483 | -117.120947 | 5.8756944 | 32.667697 | -117.120653 | 6.0397569 | 32.668103 | -117.121667 |
| 5.7092014 | 32.670477 | -117.120960 | 5.8758681 | 32.667697 | -117.120653 | 6.0399306 | 32.668110 | -117.121667 |
| 5.7094213 | 32.670467 | -117.120973 | 5.8760764 | 32.667700 | -117.120640 | 6.0401042 | 32.668120 | -117.121680 |
| 5.7095486 | 32.670460 | -117.121000 | 5.8777778 | 32.667723 | -117.120587 | 6.0402778 | 32.668120 | -117.121693 |
| 5.7097222 | 32.670450 | -117.121000 | 5.8779514 | 32.667730 | -117.120560 | 6.0404514 | 32.668110 | -117.121693 |
| 5.7099421 | 32.670440 | -117.121027 | 5.8781250 | 32.667730 | -117.120547 | 6.0406250 | 32.668110 | -117.121707 |
| 5.7100694 | 32.670440 | -117.121040 | 5.8783102 | 32.667733 | -117.120547 | 6.0407986 | 32.668110 | -117.121707 |
| 5.7103472 | 32.670427 | -117.121067 | 5.8784838 | 32.667740 | -117.120507 | 6.0409722 | 32.668107 | -117.121707 |
| 5.7104282 | 32.670423 | -117.121067 | 5.8786806 | 32.667743 | -117.120480 | 6.0411458 | 32.668117 | -117.121733 |
| 5.7127199 | 32.670320 | -117.121253 | 5.8788194 | 32.667750 | -117.120480 | 6.0413194 | 32.668127 | -117.121733 |
| 5.7128588 | 32.670323 | -117.121267 | 5.8789931 | 32.667757 | -117.120453 | 6.0414931 | 32.668130 | -117.121733 |
| 5.7130324 | 32.670320 | -117.121267 | 5.8792130 | 32.667767 | -117.120453 | 6.0416667 | 32.668130 | -117.121733 |
| 5.7132060 | 32.670320 | -117.121320 | 5.8793403 | 32.667770 | -117.120440 | 6.0418403 | 32.668130 | -117.121733 |
| 5.7133796 | 32.670323 | -117.121333 | 5.8795255 | 32.667773 | -117.120413 | 6.0420139 | 32.668120 | -117.121747 |
| 5.7135532 | 32.670323 | -117.121360 | 5.8797685 | 32.667780 | -117.120400 | 6.0421875 | 32.668117 | -117.121760 |
| 5.7137153 | 32.670333 | -117.121373 | 5.8798727 | 32.667780 | -117.120400 | 6.0437500 | 32.668103 | -117.121813 |
| 5.7139352 | 32.670320 | -117.121400 | 5.8801389 | 32.667787 | -117.120347 | 6.0439236 | 32.668103 | -117.121813 |
| 5.7140625 | 32.670323 | -117.121413 | 5.8802199 | 32.667790 | -117.120333 | 6.0440972 | 32.668107 | -117.121813 |
| 5.7142477 | 32.670333 | -117.121413 | 5.8803935 | 32.667793 | -117.120333 | 6.0442708 | 32.668117 | -117.121813 |
| 5.7144213 | 32.670347 | -117.121453 | 5.8805671 | 32.667803 | -117.120307 | 6.0444444 | 32.668117 | -117.121813 |
| 5.7145833 | 32.670353 | -117.121453 | 5.8807407 | 32.667803 | -117.120307 | 6.0446181 | 32.668123 | -117.121827 |
| 5.7147569 | 32.670357 | -117.121467 | 5.8809028 | 32.667803 | -117.120293 | 6.0447917 | 32.668127 | -117.121853 |
| 5.7149306 | 32.670370 | -117.121480 | 5.8810764 | 32.667803 | -117.120293 | 6.0449653 | 32.668143 | -117.121853 |
| 5.7151736 | 32.670393 | -117.121520 | 5.8816088 | 32.667807 | -117.120280 | 6.0451389 | 32.668160 | -117.121853 |
| 5.7153009 | 32.670403 | -117.121533 | 5.8818750 | 32.667810 | -117.120267 | 6.0453125 | 32.668167 | -117.121853 |
| 5.7154630 | 32.670407 | -117.121547 | 5.8819560 | 32.667813 | -117.120267 | 6.0454861 | 32.668167 | -117.121880 |
| 5.7156366 | 32.670417 | -117.121560 | 5.8821181 | 32.667817 | -117.120253 | 6.0456597 | 32.668180 | -117.121880 |
| 5.7158102 | 32.670430 | -117.121587 | 5.8822917 | 32.667817 | -117.120253 | 6.0458333 | 32.668190 | -117.121893 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.7171991 | 32.670513 | -117.121707 | 5.8824769 | 32.667823 | -117.120213 | 6.0460069 | 32.668193 | -117.121893 |
| 5.7173727 | 32.670517 | -117.121707 | 5.8826505 | 32.667833 | -117.120200 | 6.0461806 | 32.668197 | -117.121907 |
| 5.7175463 | 32.670523 | -117.121733 | 5.8828241 | 32.667843 | -117.120200 | 6.0463542 | 32.668193 | -117.121907 |
| 5.7177199 | 32.670527 | -117.121733 | 5.8829977 | 32.667843 | -117.120200 | 6.0465394 | 32.668197 | -117.121920 |
| 5.7178819 | 32.670533 | -117.121747 | 5.8831597 | 32.667847 | -117.120200 | 6.0467130 | 32.668197 | -117.121920 |
| 5.7180556 | 32.670550 | -117.121760 | 5.8833333 | 32.667850 | -117.120187 | 6.0468866 | 32.668190 | -117.121947 |
| 5.7182292 | 32.670560 | -117.121800 | 5.8835069 | 32.667853 | -117.120187 | 6.0470602 | 32.668177 | -117.121947 |
| 5.7184028 | 32.670570 | -117.121800 | 5.8836806 | 32.667863 | -117.120160 | 6.0477546 | 32.668120 | -117.121973 |
| 5.7185764 | 32.670580 | -117.121800 | 5.8838657 | 32.667870 | -117.120147 | 6.0479282 | 32.668117 | -117.121973 |
| 5.7187500 | 32.670587 | -117.121800 | 5.8840394 | 32.667880 | -117.120147 | 6.0481019 | 32.668117 | -117.121973 |
| 5.7189352 | 32.670597 | -117.121813 | 5.8842130 | 32.667890 | -117.120133 | 6.0482755 | 32.668110 | -117.121987 |
| 5.7191088 | 32.670607 | -117.121813 | 5.8843866 | 32.667897 | -117.120133 | 6.0484491 | 32.668117 | -117.122000 |
| 5.7192824 | 32.670613 | -117.121840 | 5.8845486 | 32.667913 | -117.120133 | 6.0486227 | 32.668117 | -117.122000 |
| 5.7194560 | 32.670623 | -117.121853 | 5.8847222 | 32.667923 | -117.120120 | 6.0487963 | 32.668117 | -117.122000 |
| 5.7196412 | 32.670627 | -117.121853 | 5.8849653 | 32.667943 | -117.120120 | 6.0489699 | 32.668117 | -117.122000 |
| 5.7197917 | 32.670633 | -117.121853 | 5.8861111 | 32.667987 | -117.120107 | 6.0491435 | 32.668117 | -117.122000 |
| 5.7199653 | 32.670637 | -117.121853 | 5.8862847 | 32.667997 | -117.120107 | 6.0493171 | 32.668117 | -117.122000 |
| 5.7201389 | 32.670650 | -117.121853 | 5.8864583 | 32.668000 | -117.120080 | 6.0494907 | 32.668117 | -117.122000 |
| 5.7203472 | 32.670660 | -117.121880 | 5.8866319 | 32.668013 | -117.120080 | 6.0496644 | 32.668120 | -117.122000 |
| 5.7204977 | 32.670670 | -117.121880 | 5.8868056 | 32.668020 | -117.120080 | 6.0498380 | 32.668120 | -117.122000 |
| 5.7215278 | 32.670730 | -117.121960 | 5.8869907 | 32.668033 | -117.120080 | 6.0500116 | 32.668120 | -117.122000 |
| 5.7217940 | 32.670743 | -117.121987 | 5.8871644 | 32.668043 | -117.120080 | 6.0501852 | 32.668120 | -117.122000 |
| 5.7218750 | 32.670743 | -117.121987 | 5.8873380 | 32.668053 | -117.120067 | 6.0503588 | 32.668120 | -117.122000 |
| 5.7220486 | 32.670753 | -117.122000 | 5.8875116 | 32.668067 | -117.120067 | 6.0505324 | 32.668120 | -117.122000 |
| 5.7222222 | 32.670753 | -117.122000 | 5.8876736 | 32.668080 | -117.120067 | 6.0507060 | 32.668120 | -117.122000 |
| 5.7223958 | 32.670760 | -117.122000 | 5.8878472 | 32.668087 | -117.120067 | 6.0508796 | 32.668120 | -117.122000 |
| 5.7225694 | 32.670767 | -117.122000 | 5.8880324 | 32.668090 | -117.120067 | 6.0510532 | 32.668120 | -117.122000 |
| 5.7227431 | 32.670773 | -117.122027 | 5.8883102 | 32.668110 | -117.120067 | 6.0519213 | 32.668120 | -117.122000 |
| 5.7229167 | 32.670777 | -117.122040 | 5.8885532 | 32.668123 | -117.120067 | 6.0520949 | 32.668120 | -117.122000 |
| 5.7230903 | 32.670780 | -117.122053 | 5.8887269 | 32.668130 | -117.120067 | 6.0522685 | 32.668120 | -117.122027 |
| 5.7232639 | 32.670790 | -117.122053 | 5.8888889 | 32.668140 | -117.120067 | 6.0524421 | 32.668120 | -117.122027 |
| 5.7234375 | 32.670793 | -117.122067 | 5.8890625 | 32.668153 | -117.120067 | 6.0526157 | 32.668120 | -117.122027 |
| 5.7236227 | 32.670800 | -117.122067 | 5.8892477 | 32.668163 | -117.120067 | 6.0527894 | 32.668120 | -117.122027 |
| 5.7238079 | 32.670797 | -117.122080 | 5.8894213 | 32.668173 | -117.120067 | 6.0529630 | 32.668123 | -117.122040 |
| 5.7239583 | 32.670793 | -117.122080 | 5.8895833 | 32.668183 | -117.120067 | 6.0531366 | 32.668117 | -117.122053 |
| 5.7241898 | 32.670793 | -117.122080 | 5.8906944 | 32.668227 | -117.120080 | 6.0533102 | 32.668117 | -117.122053 |
| 5.7243171 | 32.670790 | -117.122080 | 5.8907986 | 32.668230 | -117.120080 | 6.0534838 | 32.668100 | -117.122067 |
| 5.7244792 | 32.670793 | -117.122120 | 5.8910069 | 32.668230 | -117.120080 | 6.0536574 | 32.668087 | -117.122080 |
| 5.7246528 | 32.670797 | -117.122120 | 5.8911574 | 32.668233 | -117.120080 | 6.0538310 | 32.668083 | -117.122080 |
| 5.7248727 | 32.670800 | -117.122133 | 5.8913310 | 32.668233 | -117.120080 | 6.0540046 | 32.668087 | -117.122107 |
| 5.7256944 | 32.670827 | -117.122147 | 5.8915046 | 32.668247 | -117.120067 | 6.0541782 | 32.668083 | -117.122120 |
| 5.7259606 | 32.670833 | -117.122187 | 5.8917130 | 32.668263 | -117.120067 | 6.0543519 | 32.668083 | -117.122133 |
| 5.7260532 | 32.670833 | -117.122200 | 5.8918403 | 32.668263 | -117.120067 | 6.0545255 | 32.668083 | -117.122133 |
| 5.7262269 | 32.670837 | -117.122200 | 5.8920139 | 32.668270 | -117.120067 | 6.0546991 | 32.668090 | -117.122173 |
| 5.7264005 | 32.670840 | -117.122213 | 5.8922569 | 32.668300 | -117.120053 | 6.0548727 | 32.668083 | -117.122213 |
| 5.7265741 | 32.670837 | -117.122227 | 5.8923611 | 32.668310 | -117.120053 | 6.0550463 | 32.668090 | -117.122227 |
| 5.7267477 | 32.670833 | -117.122227 | 5.8925926 | 32.668340 | -117.120053 | 6.0552199 | 32.668087 | -117.122227 |
| 5.7269213 | 32.670833 | -117.122253 | 5.8927083 | 32.668350 | -117.120053 | 6.0561227 | 32.668093 | -117.122267 |
| 5.7270949 | 32.670833 | -117.122267 | 5.8928819 | 32.668357 | -117.120053 | 6.0562500 | 32.668093 | -117.122267 |
| 5.7272685 | 32.670827 | -117.122280 | 5.8930671 | 32.668370 | -117.120053 | 6.0564236 | 32.668093 | -117.122267 |
| 5.7274421 | 32.670830 | -117.122293 | 5.8932407 | 32.668383 | -117.120053 | 6.0565972 | 32.668093 | -117.122267 |
| 5.7276157 | 32.670830 | -117.122320 | 5.8934722 | 32.668407 | -117.120067 | 6.0567708 | 32.668093 | -117.122267 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.7277894 | 32.670830 | -117.122347 | 5.8937037 | 32.668407 | -117.120080 | 6.0569444 | 32.668093 | -117.122267 |
| 5.7279630 | 32.670830 | -117.122373 | 5.8939236 | 32.668417 | -117.120080 | 6.0571181 | 32.668093 | -117.122280 |
| 5.7281250 | 32.670833 | -117.122400 | 5.8944560 | 32.668417 | -117.120080 | 6.0572917 | 32.668093 | -117.122293 |
| 5.7283912 | 32.670830 | -117.122413 | 5.8946296 | 32.668407 | -117.120107 | 6.0574653 | 32.668093 | -117.122293 |
| 5.7284722 | 32.670827 | -117.122427 | 5.8948032 | 32.668407 | -117.120107 | 6.0576389 | 32.668093 | -117.122293 |
| 5.7286458 | 32.670827 | -117.122467 | 5.8949769 | 32.668407 | -117.120107 | 6.0578125 | 32.668093 | -117.122293 |
| 5.7288194 | 32.670820 | -117.122467 | 5.8951505 | 32.668397 | -117.120120 | 6.0579861 | 32.668093 | -117.122293 |
| 5.7289931 | 32.670817 | -117.122493 | 5.8953241 | 32.668393 | -117.120120 | 6.0581597 | 32.668100 | -117.122320 |
| 5.7295139 | 32.670803 | -117.122560 | 5.8954861 | 32.668400 | -117.120120 | 6.0583333 | 32.668100 | -117.122320 |
| 5.7296875 | 32.670800 | -117.122587 | 5.8956597 | 32.668403 | -117.120120 | 6.0585069 | 32.668100 | -117.122320 |
| 5.7298611 | 32.670800 | -117.122613 | 5.8958449 | 32.668407 | -117.120133 | 6.0586806 | 32.668100 | -117.122320 |
| 5.7300463 | 32.670797 | -117.122627 | 5.8960185 | 32.668403 | -117.120133 | 6.0588542 | 32.668100 | -117.122320 |
| 5.7302431 | 32.670793 | -117.122667 | 5.8961921 | 32.668403 | -117.120133 | 6.0590278 | 32.668103 | -117.122320 |
| 5.7304861 | 32.670793 | -117.122667 | 5.8963542 | 32.668407 | -117.120147 | 6.0592014 | 32.668117 | -117.122347 |
| 5.7305671 | 32.670790 | -117.122693 | 5.8965278 | 32.668423 | -117.120160 | 6.0593750 | 32.668117 | -117.122373 |
| 5.7307407 | 32.670790 | -117.122720 | 5.8967130 | 32.668430 | -117.120187 | 6.0600694 | 32.668143 | -117.122467 |
| 5.7309028 | 32.670783 | -117.122733 | 5.8968866 | 32.668430 | -117.120200 | 6.0602431 | 32.668147 | -117.122493 |
| 5.7310764 | 32.670780 | -117.122760 | 5.8970602 | 32.668453 | -117.120213 | 6.0604167 | 32.668147 | -117.122520 |
| 5.7312616 | 32.670780 | -117.122787 | 5.8972222 | 32.668443 | -117.120227 | 6.0605903 | 32.668157 | -117.122520 |
| 5.7314352 | 32.670783 | -117.122800 | 5.8974074 | 32.668457 | -117.120253 | 6.0607639 | 32.668153 | -117.122520 |
| 5.7315972 | 32.670780 | -117.122813 | 5.8975810 | 32.668473 | -117.120267 | 6.0609375 | 32.668160 | -117.122520 |
| 5.7317708 | 32.670780 | -117.122853 | 5.8977546 | 32.668470 | -117.120267 | 6.0611111 | 32.668163 | -117.122547 |
| 5.7319560 | 32.670773 | -117.122867 | 5.8987963 | 32.668440 | -117.120267 | 6.0612847 | 32.668160 | -117.122560 |
| 5.7321296 | 32.670773 | -117.122880 | 5.8989583 | 32.668450 | -117.120267 | 6.0614583 | 32.668160 | -117.122560 |
| 5.7323032 | 32.670767 | -117.122920 | 5.8991319 | 32.668443 | -117.120267 | 6.0616319 | 32.668163 | -117.122560 |
| 5.7324769 | 32.670763 | -117.122933 | 5.8993171 | 32.668430 | -117.120280 | 6.0618056 | 32.668163 | -117.122560 |
| 5.7326505 | 32.670753 | -117.122947 | 5.8994907 | 32.668407 | -117.120280 | 6.0619907 | 32.668163 | -117.122560 |
| 5.7328241 | 32.670753 | -117.122960 | 5.8996991 | 32.668380 | -117.120333 | 6.0621644 | 32.668163 | -117.122573 |
| 5.7348958 | 32.670780 | -117.123200 | 5.8998264 | 32.668377 | -117.120333 | 6.0623380 | 32.668160 | -117.122587 |
| 5.7351042 | 32.670783 | -117.123213 | 5.9000000 | 32.668367 | -117.120373 | 6.0625116 | 32.668157 | -117.122587 |
| 5.7352546 | 32.670790 | -117.123253 | 5.9001852 | 32.668370 | -117.120373 | 6.0626852 | 32.668160 | -117.122613 |
| 5.7354282 | 32.670790 | -117.123280 | 5.9003588 | 32.668370 | -117.120373 | 6.0628588 | 32.668160 | -117.122613 |
| 5.7355903 | 32.670793 | -117.123280 | 5.9005324 | 32.668363 | -117.120400 | 6.0630324 | 32.668157 | -117.122627 |
| 5.7357639 | 32.670797 | -117.123293 | 5.9007060 | 32.668393 | -117.120400 | 6.0632060 | 32.668160 | -117.122640 |
| 5.7359375 | 32.670800 | -117.123320 | 5.9008796 | 32.668370 | -117.120400 | 6.0633796 | 32.668160 | -117.122653 |
| 5.7361111 | 32.670803 | -117.123333 | 5.9010532 | 32.668370 | -117.120400 | 6.0640741 | 32.668160 | -117.122653 |
| 5.7362847 | 32.670803 | -117.123333 | 5.9012269 | 32.668367 | -117.120400 | 6.0642477 | 32.668160 | -117.122653 |
| 5.7364931 | 32.670810 | -117.123387 | 5.9014005 | 32.668363 | -117.120400 | 6.0644213 | 32.668160 | -117.122653 |
| 5.7366435 | 32.670817 | -117.123400 | 5.9015625 | 32.668367 | -117.120413 | 6.0645949 | 32.668160 | -117.122667 |
| 5.7368171 | 32.670827 | -117.123427 | 5.9017477 | 32.668360 | -117.120413 | 6.0647685 | 32.668163 | -117.122667 |
| 5.7369792 | 32.670830 | -117.123453 | 5.9019213 | 32.668357 | -117.120427 | 6.0649421 | 32.668163 | -117.122707 |
| 5.7371528 | 32.670837 | -117.123467 | 5.9024421 | 32.668357 | -117.120440 | 6.0651157 | 32.668160 | -117.122733 |
| 5.7373264 | 32.670840 | -117.123480 | 5.9026157 | 32.668357 | -117.120453 | 6.0652778 | 32.668163 | -117.122760 |
| 5.7375000 | 32.670847 | -117.123507 | 5.9027894 | 32.668357 | -117.120453 | 6.0654514 | 32.668180 | -117.122773 |
| 5.7376736 | 32.670847 | -117.123533 | 5.9029514 | 32.668357 | -117.120453 | 6.0656250 | 32.668183 | -117.122787 |
| 5.7378472 | 32.670850 | -117.123547 | 5.9031250 | 32.668357 | -117.120480 | 6.0657986 | 32.668190 | -117.122787 |
| 5.7380208 | 32.670850 | -117.123573 | 5.9032986 | 32.668357 | -117.120480 | 6.0659722 | 32.668190 | -117.122800 |
| 5.7395949 | 32.670863 | -117.123720 | 5.9034838 | 32.668370 | -117.120547 | 6.0661458 | 32.668183 | -117.122813 |
| 5.7397685 | 32.670863 | -117.123733 | 5.9036574 | 32.668370 | -117.120547 | 6.0663194 | 32.668180 | -117.122813 |
| 5.7399421 | 32.670863 | -117.123747 | 5.9038310 | 32.668370 | -117.120547 | 6.0664931 | 32.668180 | -117.122853 |
| 5.7401157 | 32.670853 | -117.123760 | 5.9040046 | 32.668383 | -117.120547 | 6.0666667 | 32.668183 | -117.122853 |
| 5.7402778 | 32.670850 | -117.123773 | 5.9041782 | 32.668370 | -117.120573 | 6.0668519 | 32.668183 | -117.122867 |

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 5.7404514 | 32.670850 | -117.123800 | 5.9043519 | 32.668357 | -117.120600 | 6.0670255 | 32.668180 | -117.122867 |
| 5.7406250 | 32.670840 | -117.123813 | 5.9045255 | 32.668350 | -117.120600 | 6.0671991 | 32.668180 | -117.122867 |
| 5.7407986 | 32.670840 | -117.123827 | 5.9046991 | 32.668347 | -117.120600 | 6.0673727 | 32.668180 | -117.122867 |
| 5.7409838 | 32.670840 | -117.123867 | | | | | | |

**Appendix B2: DrEx Sensor Data**

DrEx 106

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.58759259 | 14.86 | 3.0525 | 5.754375 | 14.31 | 28.5901 | 5.92104167 | 13.91 | 27.0183 |
| 5.58770833 | 14.87 | 3.7727 | 5.75449074 | 14.31 | 28.099 | 5.92115741 | 13.91 | 27.0264 |
| 5.58782407 | 14.77 | 8.6693 | 5.75460648 | 14.31 | 28.5139 | 5.92127315 | 13.91 | 27.0667 |
| 5.58793982 | 14.79 | 7.2211 | 5.75472222 | 14.31 | 28.6126 | 5.92138889 | 13.92 | 27.0597 |
| 5.58805556 | 14.82 | 5.7381 | 5.75483796 | 14.33 | 28.9478 | 5.92150463 | 13.91 | 27.0344 |
| 5.5881713 | 14.86 | 3.898 | 5.7549537 | 14.31 | 25.4829 | 5.92162037 | 13.89 | 26.9721 |
| 5.58828704 | 14.86 | 3.1639 | 5.75506944 | 14.31 | 28.6486 | 5.92173611 | 13.91 | 27.0143 |
| 5.58840278 | 14.8 | 7.2819 | 5.75518519 | 14.31 | 27.8183 | 5.92185185 | 13.92 | 26.9993 |
| 5.58851852 | 14.67 | 13.1026 | 5.75530093 | 14.31 | 28.4292 | 5.92196759 | 13.91 | 26.9701 |
| 5.58863426 | 14.77 | 7.8778 | 5.75541667 | 14.31 | 28.6802 | 5.92208333 | 13.91 | 26.93 |
| 5.58875 | 14.82 | 6.2056 | 5.75553241 | 14.31 | 28.7663 | 5.92219907 | 13.91 | 26.8502 |
| 5.58886574 | 14.86 | 4.1579 | 5.75564815 | 14.31 | 28.5766 | 5.92231482 | 13.91 | 26.5158 |
| 5.58898148 | 14.8 | 7.4527 | 5.75576389 | 14.31 | 28.6757 | 5.92243056 | 13.91 | 27.0708 |
| 5.58909722 | 14.71 | 12.037 | 5.75587963 | 14.31 | 27.6311 | 5.9225463 | 13.92 | 27.0476 |
| 5.58921296 | 14.66 | 14.8427 | 5.75599537 | 14.3 | 26.9803 | 5.92266204 | 13.91 | 27.091 |
| 5.5893287 | 14.8 | 5.7404 | 5.75611111 | 14.31 | 27.7244 | 5.92277778 | 13.91 | 26.6447 |
| 5.58944444 | 14.82 | 6.2528 | 5.75622685 | 14.31 | 28.5991 | 5.92289352 | 13.91 | 26.8821 |
| 5.58956019 | 14.79 | 9.0992 | 5.75634259 | 14.31 | 28.0121 | 5.92300926 | 13.92 | 27.0234 |
| 5.58967593 | 14.83 | 5.3584 | 5.75645833 | 14.3 | 27.787 | 5.923125 | 13.92 | 26.5245 |
| 5.58979167 | 14.64 | 15.372 | 5.75657407 | 14.31 | 27.8955 | 5.92324074 | 13.91 | 26.4382 |
| 5.58990741 | 14.7 | 10.7876 | 5.75668982 | 14.31 | 27.7117 | 5.92335648 | 13.92 | 27.0194 |
| 5.59002315 | 14.79 | 6.8336 | 5.75680556 | 14.31 | 27.8654 | 5.92347222 | 13.91 | 26.8184 |
| 5.59013889 | 14.84 | 4.6886 | 5.7569213 | 14.3 | 27.7103 | 5.92358796 | 13.88 | 25.5956 |
| 5.59025463 | 14.82 | 4.8415 | 5.75703704 | 14.31 | 28.1513 | 5.9237037 | 13.89 | 25.8757 |
| 5.59037037 | 14.66 | 14.0419 | 5.75715278 | 14.33 | 28.6293 | 5.92381944 | 13.88 | 25.0155 |
| 5.59048611 | 14.63 | 17.1847 | 5.75726852 | 14.31 | 28.112 | 5.92393519 | 13.89 | 25.3833 |
| 5.59060185 | 14.53 | 22.9124 | 5.75738426 | 14.31 | 28.182 | 5.92405093 | 13.88 | 25.2544 |
| 5.59071759 | 14.82 | 3.9075 | 5.7575 | 14.28 | 23.1504 | 5.92416667 | 13.88 | 24.8666 |
| 5.59083333 | 14.77 | 7.0496 | 5.75761574 | 14.3 | 26.2537 | 5.92428241 | 13.86 | 23.9532 |
| 5.59094907 | 14.84 | 3.9175 | 5.75773148 | 14.27 | 22.4357 | 5.92439815 | 13.85 | 23.9019 |
| 5.59106482 | 14.82 | 6.023 | 5.75784722 | 14.27 | 23.4688 | 5.92451389 | 13.85 | 23.9434 |
| 5.59118056 | 14.82 | 5.5812 | 5.75796296 | 14.28 | 25.8722 | 5.92462963 | 13.86 | 24.027 |
| 5.5912963 | 14.84 | 4.7665 | 5.7580787 | 14.3 | 26.131 | 5.92474537 | 13.86 | 23.9468 |
| 5.59141204 | 14.86 | 4.1844 | 5.75819444 | 14.3 | 26.648 | 5.92486111 | 13.83 | 23.7938 |
| 5.59152778 | 14.86 | 3.8771 | 5.75831019 | 14.24 | 1.3773 | 5.92497685 | 13.83 | 23.5409 |
| 5.59164352 | 14.86 | 4.038 | 5.75842593 | 14.28 | 24.4922 | 5.92509259 | 13.85 | 23.6873 |
| 5.59175926 | 14.8 | 7.5669 | 5.75854167 | 14.3 | 26.4788 | 5.92520833 | 13.85 | 23.7973 |
| 5.591875 | 14.84 | 4.998 | 5.75865741 | 14.25 | 1.1932 | 5.92532407 | 13.86 | 23.9372 |
| 5.59199074 | 14.69 | 13.4914 | 5.75877315 | 14.17 | 0.7941 | 5.92543982 | 13.83 | 23.7781 |
| 5.59210648 | 14.73 | 9.7402 | 5.75888889 | 14.28 | 23.1473 | 5.92555556 | 13.85 | 23.7343 |
| 5.59222222 | 14.64 | 14.8414 | 5.75900463 | 14.28 | 23.9118 | 5.9256713 | 13.85 | 23.728 |
| 5.59233796 | 14.63 | 16.0664 | 5.75912037 | 14.28 | 22.3564 | 5.92578704 | 13.85 | 23.6935 |
| 5.5924537 | 14.4 | 27.8352 | 5.75923611 | 14.27 | 21.2871 | 5.92590278 | 13.85 | 23.7973 |
| 5.59256944 | 14.47 | 21.1856 | 5.75935185 | 14.27 | 21.3177 | 5.92601852 | 13.85 | 23.9754 |
| 5.59268519 | 14.69 | 13.9612 | 5.75946759 | 14.25 | 20.8539 | 5.92613426 | 13.86 | 24.3103 |
| 5.59280093 | 14.71 | 13.3495 | 5.75958333 | 14.3 | 27.0005 | 5.92625 | 13.86 | 24.0431 |
| 5.59291667 | 14.69 | 14.1274 | 5.75969907 | 14.3 | 26.6361 | 5.92636574 | 13.85 | 23.886 |
| 5.59303241 | 14.7 | 13.7345 | 5.75981482 | 14.3 | 27.2252 | 5.92648148 | 13.85 | 24.1302 |
| 5.59314815 | 14.71 | 13.4468 | 5.75993056 | 14.3 | 26.7513 | 5.92659722 | 13.85 | 24.1302 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59326389 | 14.73 | 13.7799 | 5.7600463 | 14.3 | 26.7952 | 5.92671296 | 13.86 | 24.7527 |
| 5.59337963 | 14.77 | 10.1421 | 5.76016204 | 14.3 | 27.3783 | 5.9268287 | 13.86 | 24.9832 |
| 5.59349537 | 14.83 | 7.0552 | 5.76027778 | 14.28 | 23.9118 | 5.92694444 | 13.88 | 25.3827 |
| 5.59361111 | 14.82 | 7.5337 | 5.76039352 | 14.28 | 24.9702 | 5.92706019 | 13.88 | 25.2119 |
| 5.59372685 | 14.84 | 6.022 | 5.76050926 | 14.28 | 25.3901 | 5.92717593 | 13.88 | 25.7272 |
| 5.59384259 | 14.84 | 5.6503 | 5.760625 | 14.28 | 25.6973 | 5.92729167 | 13.86 | 25.8661 |
| 5.59395833 | 14.86 | 5.3852 | 5.76074074 | 14.3 | 25.5297 | 5.92740741 | 13.88 | 25.6869 |
| 5.59407407 | 14.79 | 8.9968 | 5.76085648 | 14.3 | 25.8926 | 5.92752315 | 13.88 | 25.7089 |
| 5.59418982 | 14.8 | 8.2304 | 5.76097222 | 14.28 | 26.0152 | 5.92763889 | 13.86 | 25.8365 |
| 5.59430556 | 14.76 | 10.4908 | 5.76108796 | 14.3 | 26.4008 | 5.92775463 | 13.88 | 26.2398 |
| 5.5944213 | 14.84 | 6.6254 | 5.7612037 | 14.3 | 26.1081 | 5.92787037 | 13.86 | 26.4223 |
| 5.59453704 | 14.84 | 5.8669 | 5.76131944 | 14.3 | 26.393 | 5.92798611 | 13.86 | 26.284 |
| 5.59465278 | 14.84 | 5.8537 | 5.76143519 | 14.3 | 26.3542 | 5.92810185 | 13.85 | 26.2565 |
| 5.59476852 | 14.67 | 15.3965 | 5.76155093 | 14.3 | 27.7913 | 5.92821759 | 13.86 | 26.3453 |
| 5.59488426 | 14.6 | 19.1336 | 5.76166667 | 14.31 | 28.1033 | 5.92833333 | 13.88 | 26.3585 |
| 5.595 | 14.4 | 29.0893 | 5.76178241 | 14.31 | 28.0164 | 5.92844907 | 13.88 | 26.3508 |
| 5.59511574 | 14.34 | 30.3722 | 5.76189815 | 14.31 | 28.2698 | 5.92856482 | 13.88 | 26.3585 |
| 5.59523148 | 14.38 | 29.1787 | 5.76201389 | 14.31 | 28.4069 | 5.92868056 | 13.89 | 26.3632 |
| 5.59534722 | 14.4 | 24.3396 | 5.76212963 | 14.31 | 28.1995 | 5.9287963 | 13.88 | 26.0318 |
| 5.59546296 | 14.54 | 18.4455 | 5.76224537 | 14.31 | 28.2478 | 5.92891204 | 13.89 | 26.1722 |
| 5.5955787 | 14.6 | 17.4767 | 5.76236111 | 14.31 | 27.7841 | 5.92902778 | 13.89 | 25.98 |
| 5.59569444 | 14.4 | 27.7283 | 5.76247685 | 14.3 | 28.2331 | 5.92914352 | 13.89 | 26.0476 |
| 5.59581019 | 14.4 | 26.7422 | 5.76259259 | 14.31 | 28.3493 | 5.92925926 | 13.88 | 25.4078 |
| 5.59592593 | 14.37 | 27.6434 | 5.76270833 | 14.3 | 27.8255 | 5.929375 | 13.85 | 24.725 |
| 5.59604167 | 14.41 | 23.9871 | 5.76282407 | 14.3 | 27.2912 | 5.92949074 | 13.88 | 25.0958 |
| 5.59615741 | 14.4 | 26.8706 | 5.76293982 | 14.3 | 27.5834 | 5.92960648 | 13.86 | 24.8039 |
| 5.59627315 | 14.41 | 24.5084 | 5.76305556 | 14.3 | 27.8726 | 5.92972222 | 13.85 | 24.3298 |
| 5.59638889 | 14.4 | 26.102 | 5.7631713 | 14.31 | 28.3759 | 5.92983796 | 13.82 | 24.0165 |
| 5.59650463 | 14.4 | 26.1249 | 5.76328704 | 14.31 | 28.6666 | 5.9299537 | 13.83 | 23.9239 |
| 5.59662037 | 14.37 | 28.8493 | 5.76340278 | 14.31 | 28.9995 | 5.93006944 | 13.83 | 24.4019 |
| 5.59673611 | 14.34 | 28.5411 | 5.76351852 | 14.31 | 28.5273 | 5.93018519 | 13.85 | 24.8825 |
| 5.59685185 | 14.33 | 29.207 | 5.76363426 | 14.3 | 28.3212 | 5.93030093 | 13.88 | 24.9807 |
| 5.59696759 | 14.4 | 25.6217 | 5.76375 | 14.31 | 28.447 | 5.93041667 | 13.88 | 24.9425 |
| 5.59708333 | 14.38 | 26.4595 | 5.76386574 | 14.31 | 28.3493 | 5.93053241 | 13.88 | 24.9529 |
| 5.59719907 | 14.35 | 27.2685 | 5.76398148 | 14.31 | 28.739 | 5.93064815 | 13.86 | 24.5262 |
| 5.59731482 | 14.38 | 25.971 | 5.76409722 | 14.31 | 28.2258 | 5.93076389 | 13.86 | 24.3995 |
| 5.59743056 | 14.38 | 27.0342 | 5.76421296 | 14.3 | 28.0975 | 5.93087963 | 13.88 | 24.6447 |
| 5.5975463 | 14.35 | 28.0135 | 5.7643287 | 14.3 | 28.1455 | 5.93099537 | 13.88 | 24.7808 |
| 5.59766204 | 14.43 | 20.8651 | 5.76444444 | 14.3 | 28.1586 | 5.93111111 | 13.88 | 24.7398 |
| 5.59777778 | 14.51 | 17.2807 | 5.76456019 | 14.31 | 28.2698 | 5.93122685 | 13.88 | 25.0329 |
| 5.59789352 | 14.48 | 22.9896 | 5.76467593 | 14.31 | 28.3051 | 5.93134259 | 13.89 | 25.0264 |
| 5.59800926 | 14.67 | 9.462 | 5.76479167 | 14.31 | 28.2214 | 5.93145833 | 13.86 | 24.5161 |
| 5.598125 | 14.69 | 12.0022 | 5.76490741 | 14.31 | 28.2786 | 5.93157407 | 13.85 | 24.3628 |
| 5.59824074 | 14.46 | 20.7562 | 5.76502315 | 14.31 | 28.0207 | 5.93168982 | 13.83 | 24.1817 |
| 5.59835648 | 14.48 | 25.2778 | 5.76513889 | 14.31 | 28.1864 | 5.93180556 | 13.85 | 24.5829 |
| 5.59847222 | 14.4 | 26.5007 | 5.76525463 | 14.3 | 28.5078 | 5.9319213 | 13.83 | 24.4085 |
| 5.59858796 | 14.61 | 12.614 | 5.76537037 | 14.3 | 28.4498 | 5.93203704 | 13.83 | 24.0941 |
| 5.5987037 | 14.57 | 18.3366 | 5.76548611 | 14.3 | 28.4054 | 5.93215278 | 13.82 | 24.1392 |
| 5.59881944 | 14.57 | 15.3874 | 5.76560185 | 14.31 | 28.4114 | 5.93226852 | 13.83 | 24.1817 |
| 5.59893519 | 14.43 | 25.9376 | 5.76571759 | 14.31 | 28.4025 | 5.93238426 | 13.85 | 24.2607 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59905093 | 14.54 | 16.679 | 5.76583333 | 14.31 | 28.398 | 5.9325 | 13.82 | 24.1717 |
| 5.59916667 | 14.63 | 12.906 | 5.76594907 | 14.31 | 28.4381 | 5.93261574 | 13.83 | 24.2503 |
| 5.59928241 | 14.43 | 23.5343 | 5.76606482 | 14.31 | 28.4158 | 5.93273148 | 13.85 | 24.264 |
| 5.59939815 | 14.66 | 11.1625 | 5.76618056 | 14.31 | 28.4916 | 5.93284722 | 13.83 | 24.185 |
| 5.59951389 | 14.56 | 20.6668 | 5.7662963 | 14.31 | 28.496 | 5.93296296 | 13.83 | 24.1168 |
| 5.59962963 | 14.58 | 18.381 | 5.76641204 | 14.3 | 28.638 | 5.9330787 | 13.83 | 24.0909 |
| 5.59974537 | 14.43 | 22.7113 | 5.76652778 | 14.28 | 28.784 | 5.93319444 | 13.82 | 23.9429 |
| 5.59986111 | 14.6 | 14.186 | 5.76664352 | 14.28 | 29.1748 | 5.93331019 | 13.82 | 23.9941 |
| 5.59997685 | 14.6 | 14.5715 | 5.76675926 | 14.27 | 29.3883 | 5.93342593 | 13.82 | 24.0262 |
| 5.60009259 | 14.56 | 17.3876 | 5.766875 | 14.25 | 29.4366 | 5.93354167 | 13.82 | 24.0326 |
| 5.60020833 | 14.58 | 14.3825 | 5.76699074 | 14.25 | 29.5265 | 5.93365741 | 13.83 | 24.0844 |
| 5.60032407 | 14.5 | 19.953 | 5.76710648 | 14.27 | 29.1823 | 5.93377315 | 13.83 | 24.0844 |
| 5.60043982 | 14.43 | 25.0779 | 5.76722222 | 14.28 | 29.0866 | 5.93388889 | 13.82 | 24.0648 |
| 5.60055556 | 14.48 | 21.9978 | 5.76733796 | 14.27 | 29.2056 | 5.93400463 | 13.82 | 23.962 |
| 5.6006713 | 14.6 | 13.6065 | 5.7674537 | 14.25 | 29.413 | 5.93412037 | 13.81 | 23.9811 |
| 5.60078704 | 14.38 | 28.7962 | 5.76756944 | 14.24 | 29.5341 | 5.93423611 | 13.79 | 23.9711 |
| 5.60090278 | 14.38 | 27.9789 | 5.76768519 | 14.25 | 29.5075 | 5.93435185 | 13.82 | 23.9845 |
| 5.60101852 | 14.43 | 19.953 | 5.76780093 | 14.25 | 29.3377 | 5.93446759 | 13.79 | 23.8185 |
| 5.60113426 | 14.51 | 18.7957 | 5.76791667 | 14.27 | 29.2897 | 5.93458333 | 13.81 | 23.8695 |
| 5.60125 | 14.53 | 18.8118 | 5.76803241 | 14.25 | 29.4838 | 5.93469907 | 13.81 | 23.9843 |
| 5.60136574 | 14.47 | 23.4446 | 5.76814815 | 14.25 | 29.5123 | 5.93481482 | 13.82 | 24.0165 |
| 5.60148148 | 14.54 | 17.0311 | 5.76826389 | 14.25 | 29.413 | 5.93493056 | 13.82 | 24.1004 |
| 5.60159722 | 14.48 | 20.8531 | 5.76837963 | 14.25 | 29.4602 | 5.9350463 | 13.81 | 24.0808 |
| 5.60171296 | 14.61 | 13.4434 | 5.76849537 | 14.27 | 29.2336 | 5.93516204 | 13.82 | 24.2501 |
| 5.6018287 | 14.51 | 22.0496 | 5.76861111 | 14.27 | 29.4166 | 5.93527778 | 13.85 | 24.7216 |
| 5.60194444 | 14.37 | 28.5639 | 5.76872685 | 14.25 | 29.4082 | 5.93539352 | 13.85 | 24.5896 |
| 5.60206019 | 14.38 | 28.4938 | 5.76884259 | 14.25 | 29.4224 | 5.93550926 | 13.86 | 24.9624 |
| 5.60217593 | 14.41 | 24.1871 | 5.76895833 | 14.25 | 29.258 | 5.935625 | 13.89 | 25.0858 |
| 5.60229167 | 14.38 | 27.6194 | 5.76907407 | 14.25 | 29.2487 | 5.93574074 | 13.92 | 25.5655 |
| 5.60240741 | 14.34 | 29.1065 | 5.76918982 | 14.25 | 29.3471 | 5.93585648 | 13.92 | 25.3135 |
| 5.60252315 | 14.4 | 23.8253 | 5.76930556 | 14.25 | 29.2207 | 5.93597222 | 13.89 | 25.1666 |
| 5.60263889 | 14.47 | 21.998 | 5.7694213 | 14.27 | 29.1916 | 5.93608796 | 13.94 | 25.7571 |
| 5.60275463 | 14.31 | 30.3707 | 5.76953704 | 14.25 | 29.3142 | 5.9362037 | 13.96 | 26.3693 |
| 5.60287037 | 14.31 | 30.627 | 5.76965278 | 14.25 | 29.333 | 5.93631944 | 13.95 | 26.1391 |
| 5.60298611 | 14.3 | 30.544 | 5.76976852 | 14.25 | 29.3283 | 5.93643519 | 13.96 | 26.1627 |
| 5.60310185 | 14.37 | 28.6901 | 5.76988426 | 14.25 | 29.0814 | 5.93655093 | 13.95 | 26.1657 |
| 5.60321759 | 14.3 | 29.9303 | 5.77 | 14.25 | 28.7427 | 5.93666667 | 13.89 | 25.2479 |
| 5.60333333 | 14.31 | 30.0592 | 5.77011574 | 14.25 | 28.6344 | 5.93678241 | 13.88 | 25.5122 |
| 5.60344907 | 14.31 | 30.2613 | 5.77023148 | 14.25 | 28.9021 | 5.93689815 | 13.88 | 25.1274 |
| 5.60356482 | 14.31 | 30.4909 | 5.77034722 | 14.25 | 29.1416 | 5.93701389 | 13.91 | 25.7993 |
| 5.60368056 | 14.41 | 22.6241 | 5.77046296 | 14.27 | 28.5837 | 5.93712963 | 13.91 | 25.4852 |
| 5.6037963 | 14.31 | 30.0789 | 5.7705787 | 14.27 | 27.6132 | 5.93724537 | 13.88 | 25.2296 |
| 5.60391204 | 14.3 | 30.767 | 5.77069444 | 14.27 | 28.1149 | 5.93736111 | 13.89 | 25.2869 |
| 5.60402778 | 14.28 | 30.9314 | 5.77081019 | 14.27 | 27.6851 | 5.93747685 | 13.91 | 25.363 |
| 5.60414352 | 14.3 | 30.3437 | 5.77092593 | 14.27 | 28.0844 | 5.93759259 | 13.85 | 24.6944 |
| 5.60425926 | 14.3 | 30.716 | 5.77104167 | 14.27 | 28.299 | 5.93770833 | 13.83 | 24.4251 |
| 5.604375 | 14.58 | 12.1535 | 5.77115741 | 14.28 | 28.2741 | 5.93782407 | 13.86 | 24.8898 |
| 5.60449074 | 14.38 | 27.8753 | 5.77127315 | 14.27 | 28.5971 | 5.93793982 | 13.83 | 24.4351 |
| 5.60460648 | 14.43 | 23.2006 | 5.77138889 | 14.27 | 28.6151 | 5.93805556 | 13.83 | 24.5453 |
| 5.60472222 | 14.38 | 27.7981 | 5.77150463 | 14.28 | 28.4423 | 5.9381713 | 13.85 | 24.4991 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60483796 | 14.34 | 28.8579 | 5.77162037 | 14.28 | 28.327 | 5.93828704 | 13.82 | 24.2697 |
| 5.6049537 | 14.38 | 26.4321 | 5.77173611 | 14.27 | 28.4052 | 5.93840278 | 13.79 | 24.0513 |
| 5.60506944 | 14.4 | 26.619 | 5.77185185 | 14.28 | 28.1688 | 5.93851852 | 13.81 | 24.0808 |
| 5.60518519 | 14.38 | 27.0546 | 5.77196759 | 14.27 | 28.521 | 5.93863426 | 13.79 | 24.032 |
| 5.60530093 | 14.37 | 27.4372 | 5.77208333 | 14.25 | 28.4065 | 5.93875 | 13.79 | 24.0031 |
| 5.60541667 | 14.38 | 27.5645 | 5.77219907 | 14.28 | 28.1731 | 5.93886574 | 13.79 | 24.0095 |
| 5.60553241 | 14.53 | 16.9597 | 5.77231482 | 14.27 | 28.3166 | 5.93898148 | 13.79 | 24.0352 |
| 5.60564815 | 14.57 | 16.0346 | 5.77243056 | 14.27 | 28.0497 | 5.93909722 | 13.78 | 23.9518 |
| 5.60576389 | 14.4 | 27.8739 | 5.7725463 | 14.3 | 28.2243 | 5.93921296 | 13.79 | 23.9455 |
| 5.60587963 | 14.35 | 29.234 | 5.77266204 | 14.28 | 28.4067 | 5.9393287 | 13.79 | 23.9935 |
| 5.60599537 | 14.34 | 29.014 | 5.77277778 | 14.28 | 28.3005 | 5.93944444 | 13.78 | 23.9677 |
| 5.60611111 | 14.35 | 28.6868 | 5.77289352 | 14.27 | 27.7616 | 5.93956019 | 13.79 | 23.9519 |
| 5.60622685 | 14.37 | 28.332 | 5.77300926 | 14.28 | 26.9861 | 5.93967593 | 13.79 | 23.9615 |
| 5.60634259 | 14.43 | 21.9005 | 5.773125 | 14.28 | 27.6018 | 5.93979167 | 13.78 | 23.9422 |
| 5.60645833 | 14.34 | 29.0278 | 5.77324074 | 14.27 | 27.8899 | 5.93990741 | 13.78 | 23.9837 |
| 5.60657407 | 14.34 | 29.0601 | 5.77335648 | 14.27 | 28.1585 | 5.94002315 | 13.78 | 23.9741 |
| 5.60668982 | 14.34 | 28.9817 | 5.77347222 | 14.28 | 28.5628 | 5.94013889 | 13.78 | 23.9997 |
| 5.60680556 | 14.33 | 29.4419 | 5.77358796 | 14.28 | 28.6663 | 5.94025463 | 13.78 | 23.9901 |
| 5.6069213 | 14.31 | 29.5283 | 5.7737037 | 14.28 | 28.5584 | 5.94037037 | 13.79 | 23.9583 |
| 5.60703704 | 14.38 | 27.202 | 5.77381944 | 14.28 | 28.389 | 5.94048611 | 13.79 | 24.016 |
| 5.60715278 | 14.35 | 28.6506 | 5.77393519 | 14.27 | 28.7234 | 5.94060185 | 13.79 | 24.0674 |
| 5.60726852 | 14.37 | 28.0251 | 5.77405093 | 14.28 | 28.7477 | 5.94071759 | 13.78 | 24.064 |
| 5.60738426 | 14.4 | 26.4224 | 5.77416667 | 14.28 | 28.7613 | 5.94083333 | 13.78 | 24.0544 |
| 5.6075 | 14.47 | 21.239 | 5.77428241 | 14.28 | 28.9576 | 5.94094907 | 13.79 | 24.1159 |
| 5.60761574 | 14.34 | 28.3983 | 5.77439815 | 14.28 | 29.0404 | 5.94106482 | 13.79 | 24.2395 |
| 5.60773148 | 14.4 | 24.7888 | 5.77451389 | 14.27 | 29.1219 | 5.94118056 | 13.81 | 24.3715 |
| 5.60784722 | 14.35 | 28.4087 | 5.77462963 | 14.25 | 29.1834 | 5.9412963 | 13.81 | 24.3352 |
| 5.60796296 | 14.43 | 22.1005 | 5.77474537 | 14.27 | 29.1684 | 5.94141204 | 13.81 | 24.3089 |
| 5.6080787 | 14.44 | 23.0613 | 5.77486111 | 14.24 | 29.4206 | 5.94152778 | 13.81 | 24.5044 |
| 5.60819444 | 14.43 | 22.6968 | 5.77497685 | 14.22 | 29.5447 | 5.94164352 | 13.83 | 24.7617 |
| 5.60831019 | 14.5 | 20.2931 | 5.77509259 | 14.21 | 29.5808 | 5.94175926 | 13.86 | 25.0389 |
| 5.60842593 | 14.38 | 28.6782 | 5.77520833 | 14.22 | 29.5732 | 5.941875 | 13.83 | 24.7856 |
| 5.60854167 | 14.47 | 20.7412 | 5.77532407 | 14.22 | 29.4972 | 5.94199074 | 13.85 | 24.8859 |
| 5.60865741 | 14.47 | 21.9406 | 5.77543982 | 14.21 | 29.5143 | 5.94210648 | 13.82 | 24.4981 |
| 5.60877315 | 14.4 | 26.0068 | 5.77555556 | 14.22 | 29.4594 | 5.94222222 | 13.83 | 24.7242 |
| 5.60888889 | 14.4 | 24.1768 | 5.7756713 | 14.21 | 29.5523 | 5.94233796 | 13.81 | 24.4611 |
| 5.60900463 | 14.48 | 20.9692 | 5.77578704 | 14.21 | 29.538 | 5.9424537 | 13.83 | 24.8576 |
| 5.60912037 | 14.48 | 21.1094 | 5.77590278 | 14.21 | 29.5286 | 5.94256944 | 13.81 | 24.5312 |
| 5.60923611 | 14.43 | 23.2954 | 5.77601852 | 14.2 | 29.6887 | 5.94268519 | 13.82 | 24.5919 |
| 5.60935185 | 14.47 | 21.8726 | 5.77613426 | 14.21 | 29.5808 | 5.94280093 | 13.86 | 24.9936 |
| 5.60946759 | 14.4 | 23.8864 | 5.77625 | 14.2 | 29.6648 | 5.94291667 | 13.88 | 25.019 |
| 5.60958333 | 14.41 | 23.3783 | 5.77636574 | 14.21 | 29.3633 | 5.94303241 | 13.85 | 24.783 |
| 5.60969907 | 14.41 | 23.6884 | 5.77648148 | 14.21 | 29.2743 | 5.94314815 | 13.83 | 24.6801 |
| 5.60981482 | 14.47 | 21.1299 | 5.77659722 | 14.22 | 29.0071 | 5.94326389 | 13.82 | 24.3784 |
| 5.60993056 | 14.47 | 21.0045 | 5.77671296 | 14.24 | 28.8456 | 5.94337963 | 13.82 | 24.4315 |
| 5.6100463 | 14.44 | 23.444 | 5.7768287 | 14.24 | 28.7004 | 5.94349537 | 13.82 | 24.3784 |
| 5.61016204 | 14.4 | 24.5248 | 5.77694444 | 14.24 | 28.7774 | 5.94361111 | 13.82 | 24.3355 |
| 5.61027778 | 14.51 | 19.014 | 5.77706019 | 14.22 | 28.9933 | 5.94372685 | 13.81 | 24.4113 |
| 5.61039352 | 14.33 | 29.7426 | 5.77717593 | 14.24 | 28.8183 | 5.94384259 | 13.81 | 24.2826 |
| 5.61050926 | 14.34 | 28.9725 | 5.77729167 | 14.22 | 28.897 | 5.94395833 | 13.79 | 24.2134 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.610625 | 14.41 | 20.6474 | 5.77740741 | 14.24 | 28.7456 | 5.94407407 | 13.79 | 24.2788 |
| 5.61074074 | 14.44 | 20.1126 | 5.77752315 | 14.24 | 28.8821 | 5.94418982 | 13.79 | 24.2886 |
| 5.61085648 | 14.37 | 27.4623 | 5.77763889 | 14.24 | 29.0105 | 5.94430556 | 13.79 | 24.3149 |
| 5.61097222 | 14.38 | 25.3718 | 5.77775463 | 14.24 | 29.0381 | 5.9444213 | 13.79 | 24.3051 |
| 5.61108796 | 14.51 | 17.6429 | 5.77787037 | 14.24 | 29.0474 | 5.94453704 | 13.79 | 24.3051 |
| 5.6112037 | 14.4 | 23.8478 | 5.77798611 | 14.24 | 28.8821 | 5.94465278 | 13.79 | 24.3051 |
| 5.61131944 | 14.5 | 19.8748 | 5.77810185 | 14.24 | 28.7366 | 5.94476852 | 13.79 | 24.3215 |
| 5.61143519 | 14.34 | 29.8654 | 5.77821759 | 14.24 | 28.7456 | 5.94488426 | 13.79 | 24.3215 |
| 5.61155093 | 14.33 | 30.083 | 5.77833333 | 14.24 | 28.7275 | 5.945 | 13.79 | 24.3314 |
| 5.61166667 | 14.34 | 27.2548 | 5.77844907 | 14.22 | 28.7741 | 5.94511574 | 13.81 | 24.4278 |
| 5.61178241 | 14.53 | 16.9213 | 5.77856482 | 14.22 | 28.9979 | 5.94523148 | 13.81 | 24.3781 |
| 5.61189815 | 14.51 | 20.4164 | 5.77868056 | 14.22 | 28.8924 | 5.94534722 | 13.82 | 24.5819 |
| 5.61201389 | 14.48 | 21.6605 | 5.7787963 | 14.22 | 28.9062 | 5.94546296 | 13.83 | 24.6598 |
| 5.61212963 | 14.5 | 18.5815 | 5.77891204 | 14.24 | 28.7955 | 5.9455787 | 13.82 | 24.6527 |
| 5.61224537 | 14.47 | 22.5316 | 5.77902778 | 14.24 | 28.8137 | 5.94569444 | 13.82 | 24.6256 |
| 5.61236111 | 14.54 | 17.6172 | 5.77914352 | 14.22 | 28.897 | 5.94581019 | 13.82 | 24.5483 |
| 5.61247685 | 14.48 | 22.3009 | 5.77925926 | 14.22 | 28.9199 | 5.94592593 | 13.82 | 24.5382 |
| 5.61259259 | 14.41 | 22.8849 | 5.779375 | 14.22 | 28.9382 | 5.94604167 | 13.82 | 24.7375 |
| 5.61270833 | 14.51 | 19.1324 | 5.77949074 | 14.22 | 29.0025 | 5.94615741 | 13.83 | 24.8267 |
| 5.61282407 | 14.51 | 19.3234 | 5.77960648 | 14.22 | 29.0808 | 5.94627315 | 13.82 | 24.6594 |
| 5.61293982 | 14.51 | 19.2005 | 5.77972222 | 14.24 | 28.9875 | 5.94638889 | 13.82 | 24.8091 |
| 5.61305556 | 14.43 | 25.8286 | 5.77983796 | 14.22 | 29.0209 | 5.94650463 | 13.82 | 24.6324 |
| 5.6131713 | 14.5 | 19.4977 | 5.7799537 | 14.22 | 29.0301 | 5.94662037 | 13.82 | 24.6594 |
| 5.61328704 | 14.46 | 23.8625 | 5.78006944 | 14.22 | 29.1225 | 5.94673611 | 13.81 | 24.5714 |
| 5.61340278 | 14.48 | 20.2502 | 5.78018519 | 14.22 | 29.1549 | 5.94685185 | 13.79 | 24.5573 |
| 5.61351852 | 14.43 | 21.9768 | 5.78030093 | 14.22 | 29.1549 | 5.94696759 | 13.81 | 24.6422 |
| 5.61363426 | 14.41 | 25.4211 | 5.78041667 | 14.22 | 29.1689 | 5.94708333 | 13.81 | 24.5547 |
| 5.61375 | 14.47 | 21.2059 | 5.78053241 | 14.22 | 29.2014 | 5.94719907 | 13.82 | 24.6493 |
| 5.61386574 | 14.5 | 19.4977 | 5.78064815 | 14.22 | 29.1828 | 5.94731482 | 13.81 | 24.6489 |
| 5.61398148 | 14.5 | 20.1364 | 5.78076389 | 14.21 | 29.0791 | 5.94743056 | 13.81 | 24.5983 |
| 5.61409722 | 14.4 | 24.8932 | 5.78087963 | 14.21 | 28.9962 | 5.9475463 | 13.81 | 24.5446 |
| 5.61421296 | 14.41 | 25.0837 | 5.78099537 | 14.21 | 29.0008 | 5.94766204 | 13.79 | 24.4971 |
| 5.6143287 | 14.43 | 22.8022 | 5.78111111 | 14.21 | 28.987 | 5.94777778 | 13.79 | 24.4905 |
| 5.61444444 | 14.48 | 20.418 | 5.78122685 | 14.22 | 28.9749 | 5.94789352 | 13.79 | 24.4905 |
| 5.61456019 | 14.43 | 21.1845 | 5.78134259 | 14.21 | 29.01 | 5.94800926 | 13.78 | 24.4535 |
| 5.61467593 | 14.4 | 25.4969 | 5.78145833 | 14.21 | 29.0791 | 5.948125 | 13.79 | 24.4571 |
| 5.61479167 | 14.38 | 28.6015 | 5.78157407 | 14.21 | 29.0883 | 5.94824074 | 13.78 | 24.4968 |
| 5.61490741 | 14.41 | 23.3536 | 5.78168982 | 14.21 | 29.1671 | 5.94835648 | 13.79 | 24.4938 |
| 5.61502315 | 14.47 | 19.4807 | 5.78180556 | 14.22 | 29.0993 | 5.94847222 | 13.78 | 24.4768 |
| 5.61513889 | 14.47 | 20.8045 | 5.7819213 | 14.21 | 29.1393 | 5.94858796 | 13.79 | 24.5071 |
| 5.61525463 | 14.34 | 30.2776 | 5.78203704 | 14.21 | 29.1161 | 5.9487037 | 13.78 | 24.4535 |
| 5.61537037 | 14.34 | 29.5387 | 5.78215278 | 14.21 | 29.3586 | 5.94881944 | 13.79 | 24.4905 |
| 5.61548611 | 14.34 | 29.5292 | 5.78226852 | 14.22 | 29.4641 | 5.94893519 | 13.78 | 24.4901 |
| 5.61560185 | 14.34 | 30.4222 | 5.78238426 | 14.22 | 29.4028 | 5.94905093 | 13.79 | 24.4571 |
| 5.61571759 | 14.34 | 29.6103 | 5.7825 | 14.21 | 29.4245 | 5.94916667 | 13.78 | 24.4435 |
| 5.61583333 | 14.37 | 27.5295 | 5.78261574 | 14.22 | 29.4405 | 5.94928241 | 13.78 | 24.4701 |
| 5.61594907 | 14.34 | 29.7783 | 5.78273148 | 14.22 | 29.4075 | 5.94939815 | 13.78 | 24.4435 |
| 5.61606482 | 14.38 | 27.7 | 5.78284722 | 14.21 | 29.4245 | 5.94951389 | 13.79 | 24.4905 |
| 5.61618056 | 14.38 | 28.4848 | 5.78296296 | 14.21 | 29.3492 | 5.94962963 | 13.78 | 24.5035 |
| 5.6162963 | 14.33 | 30.3202 | 5.7830787 | 14.21 | 29.3586 | 5.94974537 | 13.78 | 24.5202 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61641204 | 14.4 | 24.9702 | 5.78319444 | 14.21 | 29.3445 | 5.94986111 | 13.79 | 24.5071 |
| 5.61652778 | 14.34 | 29.5959 | 5.78331019 | 14.21 | 29.2649 | 5.94997685 | 13.81 | 24.5714 |
| 5.61664352 | 14.35 | 29.4315 | 5.78342593 | 14.21 | 29.2696 | 5.95009259 | 13.79 | 24.6279 |
| 5.61675926 | 14.33 | 30.0781 | 5.78354167 | 14.21 | 29.0837 | 5.95020833 | 13.79 | 24.5573 |
| 5.616875 | 14.34 | 29.5959 | 5.78365741 | 14.21 | 29.1254 | 5.95032407 | 13.79 | 24.5674 |
| 5.61699074 | 14.34 | 29.2415 | 5.78377315 | 14.21 | 29.1115 | 5.95043982 | 13.79 | 24.5741 |
| 5.61710648 | 14.38 | 26.8562 | 5.78388889 | 14.21 | 29.2183 | 5.95055556 | 13.81 | 24.6455 |
| 5.61722222 | 14.33 | 29.8198 | 5.78400463 | 14.21 | 29.2276 | 5.9506713 | 13.79 | 24.6719 |
| 5.61733796 | 14.4 | 24.3396 | 5.78412037 | 14.21 | 29.2369 | 5.95078704 | 13.79 | 24.5607 |
| 5.6174537 | 14.33 | 30.2111 | 5.78423611 | 14.21 | 29.2229 | 5.95090278 | 13.79 | 24.5473 |
| 5.61756944 | 14.33 | 29.4041 | 5.78435185 | 14.21 | 29.2276 | 5.95101852 | 13.79 | 24.5406 |
| 5.61768519 | 14.31 | 30.1526 | 5.78446759 | 14.21 | 29.2509 | 5.95113426 | 13.79 | 24.5406 |
| 5.61780093 | 14.34 | 28.9128 | 5.78458333 | 14.21 | 29.181 | 5.95125 | 13.79 | 24.5038 |
| 5.61791667 | 14.31 | 30.0494 | 5.78469907 | 14.21 | 29.1578 | 5.95136574 | 13.78 | 24.4868 |
| 5.61803241 | 14.31 | 30.6017 | 5.78481482 | 14.21 | 29.181 | 5.95148148 | 13.81 | 24.5279 |
| 5.61814815 | 14.31 | 30.316 | 5.78493056 | 14.21 | 29.1718 | 5.95159722 | 13.79 | 24.4638 |
| 5.61826389 | 14.37 | 27.1433 | 5.7850463 | 14.2 | 29.2072 | 5.95171296 | 13.79 | 24.5406 |
| 5.61837963 | 14.31 | 30.0005 | 5.78516204 | 14.2 | 29.2165 | 5.9518287 | 13.81 | 24.5078 |
| 5.61849537 | 14.34 | 28.6084 | 5.78527778 | 14.2 | 29.2398 | 5.95194444 | 13.79 | 24.4372 |
| 5.61861111 | 14.33 | 28.6835 | 5.78539352 | 14.2 | 29.2072 | 5.95206019 | 13.81 | 24.4445 |
| 5.61872685 | 14.33 | 29.4988 | 5.78550926 | 14.2 | 29.2072 | 5.95217593 | 13.81 | 24.5111 |
| 5.61884259 | 14.31 | 30.2762 | 5.785625 | 14.21 | 29.2416 | 5.95229167 | 13.81 | 24.4911 |
| 5.61895833 | 14.33 | 29.6801 | 5.78574074 | 14.21 | 29.293 | 5.95240741 | 13.81 | 24.4245 |
| 5.61907407 | 14.33 | 29.7908 | 5.78585648 | 14.2 | 29.2585 | 5.95252315 | 13.78 | 24.2753 |
| 5.61918982 | 14.33 | 29.9412 | 5.78597222 | 14.2 | 29.2538 | 5.95263889 | 13.78 | 24.1838 |
| 5.61930556 | 14.33 | 29.8005 | 5.78608796 | 14.21 | 29.2789 | 5.95275463 | 13.76 | 24.1964 |
| 5.6194213 | 14.33 | 29.7234 | 5.7862037 | 14.21 | 29.3304 | 5.95287037 | 13.76 | 24.1801 |
| 5.61953704 | 14.33 | 29.9217 | 5.78631944 | 14.21 | 29.307 | 5.95298611 | 13.78 | 24.2034 |
| 5.61965278 | 14.31 | 30.2514 | 5.78643519 | 14.21 | 29.3023 | 5.95310185 | 13.78 | 24.1773 |
| 5.61976852 | 14.33 | 29.1047 | 5.78655093 | 14.21 | 29.3304 | 5.95321759 | 13.76 | 24.1801 |
| 5.61988426 | 14.34 | 28.3185 | 5.78666667 | 14.21 | 29.2977 | 5.95333333 | 13.78 | 24.2197 |
| 5.62 | 14.38 | 25.2135 | 5.78678241 | 14.21 | 29.2977 | 5.95344907 | 13.78 | 24.2523 |
| 5.62011574 | 14.33 | 29.3617 | 5.78689815 | 14.21 | 29.3117 | 5.95356482 | 13.78 | 24.2164 |
| 5.62023148 | 14.35 | 27.5605 | 5.78701389 | 14.21 | 29.3258 | 5.95368056 | 13.78 | 24.1936 |
| 5.62034722 | 14.34 | 28.8761 | 5.78712963 | 14.21 | 29.3539 | 5.9537963 | 13.78 | 24.1903 |
| 5.62046296 | 14.37 | 26.9398 | 5.78724537 | 14.21 | 29.2977 | 5.95391204 | 13.78 | 24.2034 |
| 5.6205787 | 14.34 | 29.3966 | 5.78736111 | 14.21 | 29.2883 | 5.95402778 | 13.76 | 24.1866 |
| 5.62069444 | 14.34 | 28.658 | 5.78747685 | 14.21 | 29.3258 | 5.95414352 | 13.76 | 24.1801 |
| 5.62081019 | 14.34 | 27.9084 | 5.78759259 | 14.21 | 29.3915 | 5.95425926 | 13.76 | 24.1541 |
| 5.62092593 | 14.33 | 29.0584 | 5.78770833 | 14.21 | 29.3633 | 5.954375 | 13.76 | 24.1801 |
| 5.62104167 | 14.34 | 28.5276 | 5.78782407 | 14.21 | 29.3727 | 5.95449074 | 13.76 | 24.1639 |
| 5.62115741 | 14.34 | 28.5142 | 5.78793982 | 14.2 | 29.3944 | 5.95460648 | 13.78 | 24.1773 |
| 5.62127315 | 14.34 | 29.1995 | 5.78805556 | 14.21 | 29.3915 | 5.95472222 | 13.78 | 24.1838 |
| 5.62138889 | 14.34 | 28.631 | 5.7881713 | 14.2 | 29.385 | 5.95483796 | 13.76 | 24.1704 |
| 5.62150463 | 14.34 | 28.1689 | 5.78828704 | 14.2 | 29.3427 | 5.9549537 | 13.78 | 24.1936 |
| 5.62162037 | 14.34 | 28.577 | 5.78840278 | 14.2 | 29.3662 | 5.95506944 | 13.78 | 24.1903 |
| 5.62173611 | 14.33 | 29.6753 | 5.78851852 | 14.2 | 29.3709 | 5.95518519 | 13.78 | 24.2001 |
| 5.62185185 | 14.33 | 29.7957 | 5.78863426 | 14.2 | 29.3803 | 5.95530093 | 13.78 | 24.2099 |
| 5.62196759 | 14.34 | 28.8579 | 5.78875 | 14.21 | 29.3633 | 5.95541667 | 13.78 | 24.2262 |
| 5.62208333 | 14.38 | 26.3659 | 5.78886574 | 14.2 | 29.3944 | 5.95553241 | 13.76 | 24.2649 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62219907 | 14.34 | 28.7531 | 5.78898148 | 14.18 | 29.3955 | 5.95564815 | 13.78 | 24.2327 |
| 5.62231482 | 14.33 | 29.9412 | 5.78909722 | 14.2 | 29.4038 | 5.95576389 | 13.78 | 24.2917 |
| 5.62243056 | 14.33 | 28.6248 | 5.78921296 | 14.18 | 29.3955 | 5.95587963 | 13.78 | 24.3179 |
| 5.6225463 | 14.34 | 27.5297 | 5.7893287 | 14.18 | 29.4237 | 5.95599537 | 13.78 | 24.4435 |
| 5.62266204 | 14.34 | 28.9449 | 5.78944444 | 14.18 | 29.4096 | 5.95611111 | 13.79 | 24.3941 |
| 5.62277778 | 14.33 | 29.6658 | 5.78956019 | 14.18 | 29.4332 | 5.95622685 | 13.79 | 24.371 |
| 5.62289352 | 14.33 | 29.5749 | 5.78967593 | 14.2 | 29.4321 | 5.95634259 | 13.79 | 24.4905 |
| 5.62300926 | 14.31 | 29.8934 | 5.78979167 | 14.2 | 29.4321 | 5.95645833 | 13.79 | 24.4272 |
| 5.623125 | 14.34 | 28.8899 | 5.78990741 | 14.2 | 29.4274 | 5.95657407 | 13.81 | 24.4678 |
| 5.62324074 | 14.33 | 29.6514 | 5.79002315 | 14.2 | 29.451 | 5.95668982 | 13.79 | 24.6414 |
| 5.62335648 | 14.34 | 28.5545 | 5.79013889 | 14.2 | 29.4368 | 5.95680556 | 13.82 | 24.7715 |
| 5.62347222 | 14.4 | 22.9621 | 5.79025463 | 14.21 | 29.5096 | 5.9569213 | 13.82 | 24.673 |
| 5.62358796 | 14.34 | 29.1995 | 5.79037037 | 14.21 | 29.5096 | 5.95703704 | 13.81 | 24.4744 |
| 5.6237037 | 14.33 | 29.5511 | 5.79048611 | 14.2 | 29.5314 | 5.95715278 | 13.81 | 24.5345 |
| 5.62381944 | 14.31 | 29.5093 | 5.79060185 | 14.21 | 29.5001 | 5.95726852 | 13.79 | 24.4107 |
| 5.62393519 | 14.31 | 30.1625 | 5.79071759 | 14.21 | 29.467 | 5.95738426 | 13.81 | 24.5245 |
| 5.62405093 | 14.3 | 30.5038 | 5.79083333 | 14.14 | 29.3977 | 5.9575 | 13.79 | 24.3842 |
| 5.62416667 | 14.3 | 30.7008 | 5.79094907 | 14.12 | 29.3425 | 5.95761574 | 13.79 | 24.3941 |
| 5.62428241 | 14.28 | 30.8442 | 5.79106482 | 14.11 | 29.2566 | 5.95773148 | 13.79 | 24.5138 |
| 5.62439815 | 14.28 | 30.8135 | 5.79118056 | 14.12 | 29.3331 | 5.95784722 | 13.81 | 24.4478 |
| 5.62451389 | 14.28 | 30.7421 | 5.7912963 | 14.14 | 29.3883 | 5.95796296 | 13.81 | 24.5345 |
| 5.62462963 | 14.28 | 30.7472 | 5.79141204 | 14.15 | 29.3525 | 5.9580787 | 13.82 | 24.6391 |
| 5.62474537 | 14.28 | 30.7931 | 5.79152778 | 14.15 | 29.423 | 5.95819444 | 13.81 | 24.5412 |
| 5.62486111 | 14.28 | 30.7065 | 5.79164352 | 14.17 | 29.4266 | 5.95831019 | 13.81 | 24.4644 |
| 5.62497685 | 14.28 | 30.8033 | 5.79175926 | 14.15 | 29.4183 | 5.95842593 | 13.81 | 24.5513 |
| 5.62509259 | 14.28 | 30.7421 | 5.791875 | 14.15 | 29.3901 | 5.95854167 | 13.81 | 24.5782 |
| 5.62520833 | 14.28 | 30.7625 | 5.79199074 | 14.15 | 29.3291 | 5.95865741 | 13.78 | 24.341 |
| 5.62532407 | 14.28 | 30.7014 | 5.79210648 | 14.15 | 29.3384 | 5.95877315 | 13.78 | 24.3344 |
| 5.62543982 | 14.28 | 30.6456 | 5.79222222 | 14.15 | 29.3384 | 5.95888889 | 13.78 | 24.3311 |
| 5.62555556 | 14.28 | 30.6963 | 5.79233796 | 14.17 | 29.4125 | 5.95900463 | 13.78 | 24.3344 |
| 5.6256713 | 14.28 | 30.7676 | 5.7924537 | 14.14 | 29.2339 | 5.95912037 | 13.78 | 24.3179 |
| 5.62578704 | 14.28 | 30.737 | 5.79256944 | 14.14 | 29.2665 | 5.95923611 | 13.76 | 24.3141 |
| 5.62590278 | 14.28 | 30.7676 | 5.79268519 | 14.15 | 29.3057 | 5.95935185 | 13.78 | 24.2917 |
| 5.62601852 | 14.28 | 30.7014 | 5.79280093 | 14.14 | 29.1271 | 5.95946759 | 13.78 | 24.2982 |
| 5.62613426 | 14.27 | 30.75 | 5.79291667 | 14.14 | 29.1364 | 5.95958333 | 13.76 | 24.3306 |
| 5.62625 | 14.27 | 30.7959 | 5.79303241 | 14.17 | 29.2112 | 5.95969907 | 13.78 | 24.3245 |
| 5.62636574 | 14.27 | 30.8214 | 5.79314815 | 14.15 | 29.2776 | 5.95981482 | 13.78 | 24.2884 |
| 5.62648148 | 14.27 | 30.8931 | 5.79326389 | 14.15 | 29.1289 | 5.95993056 | 13.78 | 24.2753 |
| 5.62659722 | 14.27 | 30.847 | 5.79337963 | 14.15 | 29.1381 | 5.9600463 | 13.78 | 24.2917 |
| 5.62671296 | 14.28 | 29.8777 | 5.79349537 | 14.15 | 29.2217 | 5.96016204 | 13.76 | 24.3207 |
| 5.6268287 | 14.28 | 30.8903 | 5.79361111 | 14.14 | 29.1735 | 5.96027778 | 13.78 | 24.3245 |
| 5.62694444 | 14.28 | 30.8493 | 5.79372685 | 14.15 | 29.1567 | 5.96039352 | 13.78 | 24.3245 |
| 5.62706019 | 14.28 | 30.7065 | 5.79384259 | 14.15 | 29.1381 | 5.96050926 | 13.78 | 24.3179 |
| 5.62717593 | 14.28 | 30.4743 | 5.79395833 | 14.14 | 29.1596 | 5.960625 | 13.76 | 24.3306 |
| 5.62729167 | 14.28 | 30.5045 | 5.79407407 | 14.17 | 29.2205 | 5.96074074 | 13.78 | 24.3146 |
| 5.62740741 | 14.3 | 29.8429 | 5.79418982 | 14.18 | 29.3861 | 5.96085648 | 13.78 | 24.3245 |
| 5.62752315 | 14.34 | 27.7541 | 5.79430556 | 14.2 | 29.3944 | 5.96097222 | 13.78 | 24.3245 |
| 5.62763889 | 14.33 | 28.0801 | 5.7944213 | 14.18 | 29.297 | 5.96108796 | 13.78 | 24.3146 |
| 5.62775463 | 14.38 | 25.746 | 5.79453704 | 14.18 | 29.3204 | 5.9612037 | 13.76 | 24.3437 |
| 5.62787037 | 14.37 | 26.6832 | 5.79465278 | 14.18 | 29.3532 | 5.96131944 | 13.78 | 24.3245 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62798611 | 14.34 | 28.3938 | 5.79476852 | 14.18 | 29.3391 | 5.96143519 | 13.78 | 24.3311 |
| 5.62810185 | 14.31 | 29.533 | 5.79488426 | 14.2 | 29.3568 | 5.96155093 | 13.78 | 24.3311 |
| 5.62821759 | 14.31 | 29.7821 | 5.795 | 14.2 | 29.3709 | 5.96166667 | 13.78 | 24.3509 |
| 5.62833333 | 14.33 | 27.065 | 5.79511574 | 14.2 | 29.4038 | 5.96178241 | 13.78 | 24.3509 |
| 5.62844907 | 14.35 | 27.5647 | 5.79523148 | 14.2 | 29.418 | 5.96189815 | 13.78 | 24.3938 |
| 5.62856482 | 14.31 | 29.8837 | 5.79534722 | 14.2 | 29.3568 | 5.96201389 | 13.78 | 24.3509 |
| 5.62868056 | 14.33 | 28.7741 | 5.79546296 | 14.2 | 29.3286 | 5.96212963 | 13.78 | 24.3905 |
| 5.6287963 | 14.34 | 28.1514 | 5.7955787 | 14.2 | 29.3709 | 5.96224537 | 13.78 | 24.3905 |
| 5.62891204 | 14.31 | 29.3863 | 5.79569444 | 14.21 | 29.4386 | 5.96236111 | 13.78 | 24.4004 |
| 5.62902778 | 14.3 | 30.4186 | 5.79581019 | 14.21 | 29.368 | 5.96247685 | 13.78 | 24.3575 |
| 5.62914352 | 14.3 | 30.3736 | 5.79592593 | 14.21 | 29.4623 | 5.96259259 | 13.78 | 24.3905 |
| 5.62925926 | 14.28 | 30.585 | 5.79604167 | 14.21 | 29.4859 | 5.96270833 | 13.78 | 24.4071 |
| 5.629375 | 14.27 | 30.8675 | 5.79615741 | 14.21 | 29.4339 | 5.96282407 | 13.78 | 24.4137 |
| 5.62949074 | 14.27 | 30.847 | 5.79627315 | 14.21 | 29.4198 | 5.96293982 | 13.78 | 24.3806 |
| 5.62960648 | 14.28 | 30.8135 | 5.79638889 | 14.21 | 29.5096 | 5.96305556 | 13.78 | 24.4071 |
| 5.62972222 | 14.28 | 30.7319 | 5.79650463 | 14.2 | 29.4415 | 5.9631713 | 13.79 | 24.4605 |
| 5.62983796 | 14.28 | 30.7778 | 5.79662037 | 14.2 | 29.4274 | 5.96328704 | 13.79 | 24.5038 |
| 5.6299537 | 14.28 | 30.8237 | 5.79673611 | 14.2 | 29.3005 | 5.96340278 | 13.79 | 24.4605 |
| 5.63006944 | 14.27 | 30.8266 | 5.79685185 | 14.18 | 29.2456 | 5.96351852 | 13.78 | 24.4502 |
| 5.63018519 | 14.27 | 30.8521 | 5.79696759 | 14.18 | 29.2223 | 5.96363426 | 13.78 | 24.4502 |
| 5.63030093 | 14.28 | 30.6913 | 5.79708333 | 14.18 | 29.2223 | 5.96375 | 13.79 | 24.4938 |
| 5.63041667 | 14.28 | 30.7217 | 5.79719907 | 14.18 | 29.2456 | 5.96386574 | 13.79 | 24.4771 |
| 5.63053241 | 14.3 | 30.6703 | 5.79731482 | 14.17 | 29.188 | 5.96398148 | 13.79 | 24.5172 |
| 5.63064815 | 14.3 | 30.5843 | 5.79743056 | 14.15 | 29.0182 | 5.96409722 | 13.79 | 24.4838 |
| 5.63076389 | 14.31 | 30.4658 | 5.7975463 | 14.14 | 28.9935 | 5.96421296 | 13.79 | 24.4505 |
| 5.63087963 | 14.31 | 30.4758 | 5.79766204 | 14.12 | 28.9627 | 5.9643287 | 13.79 | 24.4705 |
| 5.63099537 | 14.31 | 30.4758 | 5.79777778 | 14.11 | 28.9427 | 5.96444444 | 13.78 | 24.4735 |
| 5.63111111 | 14.31 | 30.4658 | 5.79789352 | 14.11 | 28.9107 | 5.96456019 | 13.79 | 24.4771 |
| 5.63122685 | 14.31 | 30.4007 | 5.79800926 | 14.12 | 28.8987 | 5.96467593 | 13.79 | 24.4605 |
| 5.63134259 | 14.31 | 30.3907 | 5.798125 | 14.11 | 28.9061 | 5.96479167 | 13.79 | 24.4938 |
| 5.63145833 | 14.31 | 30.2415 | 5.79824074 | 14.11 | 28.9107 | 5.96490741 | 13.78 | 24.4402 |
| 5.63157407 | 14.33 | 30.1666 | 5.79835648 | 14.11 | 28.9518 | 5.96502315 | 13.78 | 24.4768 |
| 5.63168982 | 14.31 | 30.1773 | 5.79847222 | 14.12 | 29.0085 | 5.96513889 | 13.78 | 24.4602 |
| 5.63180556 | 14.31 | 30.2663 | 5.79858796 | 14.12 | 29.0361 | 5.96525463 | 13.78 | 24.4336 |
| 5.6319213 | 14.35 | 27.3929 | 5.7987037 | 14.12 | 29.0085 | 5.96537037 | 13.78 | 24.417 |
| 5.63203704 | 14.34 | 28.2304 | 5.79881944 | 14.12 | 29.0315 | 5.96548611 | 13.78 | 24.4137 |
| 5.63215278 | 14.37 | 27.6392 | 5.79893519 | 14.12 | 29.0315 | 5.96560185 | 13.78 | 24.4137 |
| 5.63226852 | 14.35 | 27.8496 | 5.79905093 | 14.12 | 28.9672 | 5.96571759 | 13.78 | 24.3641 |
| 5.63238426 | 14.34 | 28.0685 | 5.79916667 | 14.12 | 28.9993 | 5.96583333 | 13.78 | 24.3839 |
| 5.6325 | 14.38 | 27.9098 | 5.79928241 | 14.11 | 28.9931 | 5.96594907 | 13.78 | 24.3806 |
| 5.63261574 | 14.34 | 28.5904 | 5.79939815 | 14.11 | 28.8651 | 5.96606482 | 13.78 | 24.3806 |
| 5.63273148 | 14.38 | 26.7201 | 5.79951389 | 14.11 | 28.8925 | 5.96618056 | 13.76 | 24.3932 |
| 5.63284722 | 14.4 | 25.8298 | 5.79962963 | 14.11 | 28.9061 | 5.9662963 | 13.78 | 24.3905 |
| 5.63296296 | 14.38 | 26.7281 | 5.79974537 | 14.09 | 28.8119 | 5.96641204 | 13.76 | 24.3866 |
| 5.6330787 | 14.38 | 26.953 | 5.79986111 | 14.08 | 28.6075 | 5.96652778 | 13.76 | 24.4032 |
| 5.63319444 | 14.4 | 25.8785 | 5.79997685 | 14.08 | 28.7289 | 5.96664352 | 13.76 | 24.4131 |
| 5.63331019 | 14.38 | 26.6724 | 5.80009259 | 14.08 | 28.7967 | 5.96675926 | 13.78 | 24.4004 |
| 5.63342593 | 14.38 | 26.4321 | 5.80020833 | 14.09 | 28.726 | 5.966875 | 13.76 | 24.4098 |
| 5.63354167 | 14.4 | 26.2903 | 5.80032407 | 14.09 | 28.636 | 5.96699074 | 13.76 | 24.3932 |
| 5.63365741 | 14.4 | 26.2054 | 5.80043982 | 14.08 | 28.5271 | 5.96710648 | 13.78 | 24.3905 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63377315 | 14.38 | 27.6915 | 5.80055556 | 14.09 | 28.5688 | 5.96722222 | 13.76 | 24.4032 |
| 5.63388889 | 14.4 | 24.8548 | 5.8006713 | 14.11 | 28.5719 | 5.96733796 | 13.78 | 24.4037 |
| 5.63400463 | 14.4 | 26.3251 | 5.80078704 | 14.11 | 28.7021 | 5.9674537 | 13.78 | 24.3971 |
| 5.63412037 | 14.37 | 27.8224 | 5.80090278 | 14.11 | 28.6301 | 5.96756944 | 13.76 | 24.4264 |
| 5.63423611 | 14.34 | 28.5635 | 5.80101852 | 14.11 | 28.6032 | 5.96768519 | 13.78 | 24.4236 |
| 5.63435185 | 14.34 | 28.5815 | 5.80113426 | 14.11 | 27.7784 | 5.96780093 | 13.78 | 24.3872 |
| 5.63446759 | 14.31 | 29.424 | 5.80125 | 14.11 | 27.7657 | 5.96791667 | 13.78 | 24.4071 |
| 5.63458333 | 14.3 | 30.0768 | 5.80136574 | 14.14 | 27.6975 | 5.96803241 | 13.76 | 24.3932 |
| 5.63469907 | 14.28 | 30.4243 | 5.80148148 | 14.15 | 27.7243 | 5.96814815 | 13.78 | 24.4137 |
| 5.63481482 | 14.31 | 29.2876 | 5.80159722 | 14.14 | 27.7314 | 5.96826389 | 13.76 | 24.4363 |
| 5.63493056 | 14.3 | 30.0425 | 5.80171296 | 14.14 | 27.7272 | 5.96837963 | 13.78 | 24.4336 |
| 5.6350463 | 14.3 | 29.6648 | 5.8018287 | 14.15 | 27.6692 | 5.96849537 | 13.78 | 24.4336 |
| 5.63516204 | 14.3 | 30.1555 | 5.80194444 | 14.12 | 27.7797 | 5.96861111 | 13.78 | 24.4071 |
| 5.63527778 | 14.28 | 30.3993 | 5.80206019 | 14.12 | 27.7627 | 5.96872685 | 13.78 | 24.4037 |
| 5.63539352 | 14.34 | 27.7243 | 5.80217593 | 14.14 | 27.6891 | 5.96884259 | 13.78 | 24.4137 |
| 5.63550926 | 14.34 | 28.9541 | 5.80229167 | 14.14 | 27.7187 | 5.96895833 | 13.78 | 24.4071 |
| 5.635625 | 14.3 | 30.1013 | 5.80240741 | 14.12 | 27.767 | 5.96907407 | 13.78 | 24.4137 |
| 5.63574074 | 14.28 | 30.1858 | 5.80252315 | 14.14 | 27.7187 | 5.96918982 | 13.76 | 24.443 |
| 5.63585648 | 14.28 | 29.9603 | 5.80263889 | 14.14 | 27.7187 | 5.96930556 | 13.78 | 24.4236 |
| 5.63597222 | 14.33 | 28.8927 | 5.80275463 | 14.12 | 27.7883 | 5.9694213 | 13.78 | 24.4037 |
| 5.63608796 | 14.37 | 27.1269 | 5.80287037 | 14.09 | 28.0242 | 5.96953704 | 13.76 | 24.4098 |
| 5.6362037 | 14.37 | 26.9276 | 5.80298611 | 14.11 | 27.9494 | 5.96965278 | 13.78 | 24.4137 |
| 5.63631944 | 14.35 | 26.9334 | 5.80310185 | 14.09 | 28.0285 | 5.96976852 | 13.76 | 24.4529 |
| 5.63643519 | 14.38 | 26.756 | 5.80321759 | 14.09 | 27.9983 | 5.96988426 | 13.76 | 24.4264 |
| 5.63655093 | 14.33 | 28.2993 | 5.80333333 | 14.09 | 28.0501 | 5.97 | 13.78 | 24.4402 |
| 5.63666667 | 14.37 | 27.1351 | 5.80344907 | 14.09 | 28.0631 | 5.97011574 | 13.76 | 24.4463 |
| 5.63678241 | 14.38 | 26.796 | 5.80356482 | 14.07 | 28.0042 | 5.97023148 | 13.76 | 24.4098 |
| 5.63689815 | 14.38 | 26.6724 | 5.80368056 | 14.08 | 28.0013 | 5.97034722 | 13.78 | 24.4137 |
| 5.63701389 | 14.37 | 27.5758 | 5.8037963 | 14.12 | 27.6569 | 5.97046296 | 13.76 | 24.4363 |
| 5.63712963 | 14.38 | 26.9167 | 5.80391204 | 14.15 | 27.5304 | 5.9705787 | 13.76 | 24.433 |
| 5.63724537 | 14.37 | 27.2049 | 5.80402778 | 14.15 | 27.5221 | 5.97069444 | 13.76 | 24.4529 |
| 5.63736111 | 14.35 | 28.1136 | 5.80414352 | 14.15 | 27.5221 | 5.97081019 | 13.78 | 24.4402 |
| 5.63747685 | 14.38 | 26.2536 | 5.80425926 | 14.12 | 27.7415 | 5.97092593 | 13.78 | 24.4303 |
| 5.63759259 | 14.38 | 26.2112 | 5.804375 | 14.09 | 27.8696 | 5.97104167 | 13.78 | 24.4568 |
| 5.63770833 | 14.4 | 25.841 | 5.80449074 | 14.12 | 27.598 | 5.97115741 | 13.78 | 24.4668 |
| 5.63782407 | 14.4 | 25.6143 | 5.80460648 | 14.11 | 27.7402 | 5.97127315 | 13.78 | 24.4668 |
| 5.63793982 | 14.4 | 26.2748 | 5.80472222 | 14.09 | 27.7758 | 5.97138889 | 13.78 | 24.4402 |
| 5.63805556 | 14.38 | 26.744 | 5.80483796 | 14.12 | 27.6569 | 5.97150463 | 13.76 | 24.4596 |
| 5.6381713 | 14.38 | 26.4908 | 5.8049537 | 14.11 | 27.7402 | 5.97162037 | 13.78 | 24.4469 |
| 5.63828704 | 14.37 | 26.9965 | 5.80506944 | 14.15 | 27.5346 | 5.97173611 | 13.78 | 24.5001 |
| 5.63840278 | 14.4 | 26.1249 | 5.80518519 | 14.15 | 27.3971 | 5.97185185 | 13.76 | 24.4496 |
| 5.63851852 | 14.4 | 25.9199 | 5.80530093 | 14.2 | 27.1681 | 5.97196759 | 13.76 | 24.433 |
| 5.63863426 | 14.4 | 26.2942 | 5.80541667 | 14.18 | 27.2273 | 5.97208333 | 13.76 | 24.4596 |
| 5.63875 | 14.4 | 26.2942 | 5.80553241 | 14.18 | 27.2068 | 5.97219907 | 13.75 | 24.4593 |
| 5.63886574 | 14.38 | 26.945 | 5.80564815 | 14.18 | 27.1945 | 5.97231482 | 13.76 | 24.4596 |
| 5.63898148 | 14.4 | 25.3154 | 5.80576389 | 14.2 | 27.1559 | 5.97243056 | 13.76 | 24.4596 |
| 5.63909722 | 14.34 | 28.5949 | 5.80587963 | 14.18 | 27.2109 | 5.9725463 | 13.76 | 24.4962 |
| 5.63921296 | 14.38 | 27.1692 | 5.80599537 | 14.2 | 27.2091 | 5.97266204 | 13.75 | 24.4593 |
| 5.6393287 | 14.38 | 27.2185 | 5.80611111 | 14.18 | 27.289 | 5.97277778 | 13.7 | 24.2864 |
| 5.63944444 | 14.38 | 27.3926 | 5.80622685 | 14.18 | 27.3096 | 5.97289352 | 13.7 | 24.3159 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63956019 | 14.4 | 26.3058 | 5.80634259 | 14.17 | 27.3871 | 5.97300926 | 13.69 | 24.3124 |
| 5.63967593 | 14.34 | 28.4517 | 5.80645833 | 14.18 | 27.3303 | 5.973125 | 13.69 | 24.3189 |
| 5.63979167 | 14.38 | 27.9962 | 5.80657407 | 14.2 | 27.2667 | 5.97324074 | 13.7 | 24.3883 |
| 5.63990741 | 14.34 | 27.874 | 5.80668982 | 14.18 | 27.289 | 5.97335648 | 13.72 | 24.3855 |
| 5.64002315 | 14.44 | 24.3246 | 5.80680556 | 14.18 | 27.3014 | 5.97347222 | 13.73 | 24.4189 |
| 5.64013889 | 14.34 | 29.0186 | 5.8069213 | 14.18 | 27.3014 | 5.97358796 | 13.69 | 24.3189 |
| 5.64025463 | 14.38 | 27.1486 | 5.80703704 | 14.18 | 27.3096 | 5.9737037 | 13.68 | 24.2598 |
| 5.64037037 | 14.38 | 27.9357 | 5.80715278 | 14.18 | 27.3344 | 5.97381944 | 13.68 | 24.2402 |
| 5.64048611 | 14.37 | 27.5716 | 5.80726852 | 14.18 | 27.3138 | 5.97393519 | 13.66 | 24.2626 |
| 5.64060185 | 14.38 | 27.5014 | 5.80738426 | 14.18 | 27.2808 | 5.97405093 | 13.66 | 24.2822 |
| 5.64071759 | 14.34 | 29.037 | 5.8075 | 14.18 | 27.2766 | 5.97416667 | 13.69 | 24.2927 |
| 5.64083333 | 14.31 | 29.495 | 5.80761574 | 14.2 | 27.2667 | 5.97428241 | 13.69 | 24.3353 |
| 5.64094907 | 14.4 | 26.0829 | 5.80773148 | 14.21 | 27.2226 | 5.97439815 | 13.69 | 24.3419 |
| 5.64106482 | 14.38 | 27.0954 | 5.80784722 | 14.21 | 27.2349 | 5.97451389 | 13.7 | 24.3883 |
| 5.64118056 | 14.37 | 28.2217 | 5.80796296 | 14.21 | 27.2432 | 5.97462963 | 13.7 | 24.329 |
| 5.6412963 | 14.33 | 29.8489 | 5.8080787 | 14.2 | 27.242 | 5.97474537 | 13.76 | 24.5363 |
| 5.64141204 | 14.28 | 30.3544 | 5.80819444 | 14.21 | 27.2514 | 5.97486111 | 13.76 | 24.4596 |
| 5.64152778 | 14.3 | 30.4186 | 5.80831019 | 14.2 | 27.2749 | 5.97497685 | 13.75 | 24.4593 |
| 5.64164352 | 14.3 | 30.2444 | 5.80842593 | 14.21 | 27.2432 | 5.97509259 | 13.75 | 24.4393 |
| 5.64175926 | 14.31 | 29.8934 | 5.80854167 | 14.2 | 27.2955 | 5.97520833 | 13.73 | 24.3759 |
| 5.641875 | 14.33 | 29.5036 | 5.80865741 | 14.17 | 27.3498 | 5.97532407 | 13.75 | 24.3797 |
| 5.64199074 | 14.38 | 26.9328 | 5.80877315 | 14.15 | 27.3639 | 5.97543982 | 13.76 | 24.433 |
| 5.64210648 | 14.38 | 26.7281 | 5.80888889 | 14.15 | 27.3929 | 5.97555556 | 13.75 | 24.4228 |
| 5.64222222 | 14.34 | 27.9515 | 5.80900463 | 14.15 | 27.3971 | 5.9756713 | 13.73 | 24.3957 |
| 5.64233796 | 14.38 | 27.1404 | 5.80912037 | 14.14 | 27.4415 | 5.97578704 | 13.75 | 24.4493 |
| 5.6424537 | 14.34 | 28.4383 | 5.80923611 | 14.14 | 27.4041 | 5.97590278 | 13.75 | 24.4327 |
| 5.64256944 | 14.38 | 26.772 | 5.80935185 | 14.14 | 27.4041 | 5.97601852 | 13.75 | 24.4393 |
| 5.64268519 | 14.38 | 27.4385 | 5.80946759 | 14.15 | 27.4095 | 5.97613426 | 13.75 | 24.3963 |
| 5.64280093 | 14.38 | 27.2557 | 5.80958333 | 14.14 | 27.4083 | 5.97625 | 13.75 | 24.3963 |
| 5.64291667 | 14.34 | 29.0509 | 5.80969907 | 14.14 | 27.3793 | 5.97636574 | 13.72 | 24.3723 |
| 5.64303241 | 14.34 | 29.2509 | 5.80981482 | 14.14 | 27.371 | 5.97648148 | 13.69 | 24.2763 |
| 5.64314815 | 14.33 | 29.2678 | 5.80993056 | 14.15 | 27.3515 | 5.97659722 | 13.68 | 24.3253 |
| 5.64326389 | 14.33 | 29.8102 | 5.8100463 | 14.17 | 27.3249 | 5.97671296 | 13.69 | 24.3189 |
| 5.64337963 | 14.33 | 29.3711 | 5.81016204 | 14.15 | 27.3019 | 5.9768287 | 13.68 | 24.3088 |
| 5.64349537 | 14.37 | 27.9472 | 5.81027778 | 14.15 | 27.3184 | 5.97694444 | 13.68 | 24.3187 |
| 5.64361111 | 14.47 | 21.4477 | 5.81039352 | 14.17 | 27.2919 | 5.97706019 | 13.68 | 24.2826 |
| 5.64372685 | 14.4 | 25.7737 | 5.81050926 | 14.15 | 27.306 | 5.97717593 | 13.66 | 24.3018 |
| 5.64384259 | 14.33 | 29.8489 | 5.810625 | 14.17 | 27.296 | 5.97729167 | 13.68 | 24.2892 |
| 5.64395833 | 14.33 | 29.9899 | 5.81074074 | 14.15 | 27.3515 | 5.97740741 | 13.66 | 24.2887 |
| 5.64407407 | 14.31 | 30.0838 | 5.81085648 | 14.15 | 27.3184 | 5.97752315 | 13.66 | 24.2789 |
| 5.64418982 | 14.31 | 30.069 | 5.81097222 | 14.15 | 27.3515 | 5.97763889 | 13.66 | 24.2953 |
| 5.64430556 | 14.31 | 30.069 | 5.81108796 | 14.15 | 27.3391 | 5.97775463 | 13.68 | 24.2826 |
| 5.6444213 | 14.4 | 23.9381 | 5.8112037 | 14.14 | 27.3337 | 5.97787037 | 13.68 | 24.3253 |
| 5.64453704 | 14.35 | 28.4043 | 5.81131944 | 14.14 | 27.3585 | 5.97798611 | 13.68 | 24.3088 |
| 5.64465278 | 14.4 | 25.8898 | 5.81143519 | 14.12 | 27.286 | 5.97810185 | 13.68 | 24.299 |
| 5.64476852 | 14.34 | 29.2182 | 5.81155093 | 14.11 | 27.256 | 5.97821759 | 13.68 | 24.3253 |
| 5.64488426 | 14.31 | 30.1329 | 5.81166667 | 14.11 | 27.2848 | 5.97833333 | 13.68 | 24.3253 |
| 5.645 | 14.3 | 30.4386 | 5.81178241 | 14.09 | 27.1881 | 5.97844907 | 13.66 | 24.3018 |
| 5.64511574 | 14.3 | 30.2147 | 5.81189815 | 14.09 | 27.225 | 5.97856482 | 13.66 | 24.3149 |
| 5.64523148 | 14.31 | 29.9517 | 5.81201389 | 14.09 | 27.2414 | 5.97868056 | 13.66 | 24.3215 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64534722 | 14.31 | 30.1723 | 5.81212963 | 14.09 | 27.2948 | 5.9787963 | 13.68 | 24.3187 |
| 5.64546296 | 14.3 | 30.3089 | 5.81224537 | 14.09 | 27.2825 | 5.97891204 | 13.68 | 24.2925 |
| 5.6455787 | 14.4 | 24.9843 | 5.81236111 | 14.09 | 27.2866 | 5.97902778 | 13.68 | 24.3253 |
| 5.64569444 | 14.38 | 27.2557 | 5.81247685 | 14.09 | 27.3154 | 5.97914352 | 13.68 | 24.2892 |
| 5.64581019 | 14.34 | 29.0093 | 5.81259259 | 14.08 | 27.2813 | 5.97925926 | 13.68 | 24.2826 |
| 5.64592593 | 14.35 | 27.3596 | 5.81270833 | 14.08 | 27.2361 | 5.979375 | 13.68 | 24.3187 |
| 5.64604167 | 14.35 | 28.4488 | 5.81282407 | 14.08 | 27.2607 | 5.97949074 | 13.68 | 24.3515 |
| 5.64615741 | 14.34 | 28.7213 | 5.81293982 | 14.09 | 27.2086 | 5.97960648 | 13.68 | 24.3417 |
| 5.64627315 | 14.33 | 28.7923 | 5.81305556 | 14.08 | 27.2525 | 5.97972222 | 13.69 | 24.3255 |
| 5.64638889 | 14.37 | 27.7881 | 5.8131713 | 14.08 | 27.1707 | 5.97983796 | 13.69 | 24.3518 |
| 5.64650463 | 14.34 | 28.7213 | 5.81328704 | 14.08 | 27.1503 | 5.9799537 | 13.7 | 24.352 |
| 5.64662037 | 14.34 | 28.6716 | 5.81340278 | 14.08 | 27.1707 | 5.98006944 | 13.72 | 24.3559 |
| 5.64673611 | 14.34 | 28.8807 | 5.81351852 | 14.08 | 27.1952 | 5.98018519 | 13.72 | 24.3921 |
| 5.64685185 | 14.31 | 29.4335 | 5.81363426 | 14.07 | 27.2063 | 5.98030093 | 13.7 | 24.329 |
| 5.64696759 | 14.31 | 29.1615 | 5.81375 | 14.08 | 27.1625 | 5.98041667 | 13.7 | 24.3619 |
| 5.64708333 | 14.33 | 29.2584 | 5.81386574 | 14.07 | 27.1328 | 5.98053241 | 13.7 | 24.3619 |
| 5.64719907 | 14.31 | 29.2642 | 5.81398148 | 14.07 | 27.1491 | 5.98064815 | 13.7 | 24.3389 |
| 5.64731482 | 14.43 | 24.0727 | 5.81409722 | 14.07 | 27.1166 | 5.98076389 | 13.69 | 24.3255 |
| 5.64743056 | 14.4 | 26.7422 | 5.81421296 | 14.07 | 27.0516 | 5.98087963 | 13.68 | 24.3253 |
| 5.6475463 | 14.4 | 24.4167 | 5.8143287 | 14.07 | 27.0719 | 5.98099537 | 13.68 | 24.3515 |
| 5.64766204 | 14.34 | 29.5149 | 5.81444444 | 14.08 | 27.0649 | 5.98111111 | 13.66 | 24.3051 |
| 5.64777778 | 14.31 | 30.2415 | 5.81456019 | 14.08 | 27.0163 | 5.98122685 | 13.68 | 24.2826 |
| 5.64789352 | 14.33 | 29.0676 | 5.81467593 | 14.07 | 27.0516 | 5.98134259 | 13.66 | 24.3215 |
| 5.64800926 | 14.3 | 29.9643 | 5.81479167 | 14.08 | 27.0446 | 5.98145833 | 13.66 | 24.2953 |
| 5.648125 | 14.31 | 29.6907 | 5.81490741 | 14.07 | 27.0355 | 5.98157407 | 13.66 | 24.2855 |
| 5.64824074 | 14.4 | 25.1328 | 5.81502315 | 14.07 | 26.9951 | 5.98168982 | 13.66 | 24.3018 |
| 5.64835648 | 14.33 | 29.5797 | 5.81513889 | 14.07 | 27.0516 | 5.98180556 | 13.66 | 24.2855 |
| 5.64847222 | 14.31 | 29.8691 | 5.81525463 | 14.08 | 27.0325 | 5.9819213 | 13.68 | 24.2826 |
| 5.64858796 | 14.37 | 27.6986 | 5.81537037 | 14.07 | 27.0395 | 5.98203704 | 13.65 | 24.318 |
| 5.6487037 | 14.38 | 27.202 | 5.81548611 | 14.08 | 27.0325 | 5.98215278 | 13.66 | 24.3051 |
| 5.64881944 | 14.4 | 26.544 | 5.81560185 | 14.07 | 26.9951 | 5.98226852 | 13.66 | 24.3281 |
| 5.64893519 | 14.38 | 27.0546 | 5.81571759 | 14.07 | 27.0314 | 5.98238426 | 13.68 | 24.3088 |
| 5.64905093 | 14.34 | 28.6625 | 5.81583333 | 14.07 | 26.9508 | 5.9825 | 13.68 | 24.3318 |
| 5.64916667 | 14.33 | 29.3758 | 5.81594907 | 14.08 | 26.98 | 5.98261574 | 13.66 | 24.3346 |
| 5.64928241 | 14.33 | 29.2397 | 5.81606482 | 14.08 | 26.976 | 5.98273148 | 13.66 | 24.3018 |
| 5.64939815 | 14.33 | 29.5226 | 5.81618056 | 14.07 | 26.9951 | 5.98284722 | 13.66 | 24.3215 |
| 5.64951389 | 14.33 | 29.6275 | 5.8162963 | 14.08 | 26.9639 | 5.98296296 | 13.66 | 24.3018 |
| 5.64962963 | 14.33 | 29.8392 | 5.81641204 | 14.08 | 26.9921 | 5.9830787 | 13.65 | 24.2852 |
| 5.64974537 | 14.34 | 29.8315 | 5.81652778 | 14.08 | 27.0042 | 5.98319444 | 13.65 | 24.295 |
| 5.64986111 | 14.33 | 29.5606 | 5.81664352 | 14.07 | 26.9951 | 5.98331019 | 13.65 | 24.3278 |
| 5.64997685 | 14.33 | 29.7474 | 5.81675926 | 14.07 | 26.9628 | 5.98342593 | 13.66 | 24.292 |
| 5.65009259 | 14.34 | 29.3494 | 5.816875 | 14.07 | 26.9508 | 5.98354167 | 13.65 | 24.2918 |
| 5.65020833 | 14.33 | 29.7571 | 5.81699074 | 14.08 | 27.0204 | 5.98365741 | 13.65 | 24.3081 |
| 5.65032407 | 14.31 | 29.8691 | 5.81710648 | 14.07 | 26.9669 | 5.98377315 | 13.66 | 24.3117 |
| 5.65043982 | 14.3 | 29.8623 | 5.81722222 | 14.08 | 26.9358 | 5.98388889 | 13.68 | 24.3088 |
| 5.65055556 | 14.3 | 29.9643 | 5.81733796 | 14.08 | 26.9921 | 5.98400463 | 13.69 | 24.3419 |
| 5.6506713 | 14.3 | 29.9351 | 5.8174537 | 14.07 | 26.991 | 5.98412037 | 13.69 | 24.3353 |
| 5.65078704 | 14.31 | 29.8594 | 5.81756944 | 14.07 | 27.0153 | 5.98423611 | 13.69 | 24.3255 |
| 5.65090278 | 14.31 | 29.8062 | 5.81768519 | 14.07 | 26.9267 | 5.98435185 | 13.69 | 24.3452 |
| 5.65101852 | 14.3 | 29.872 | 5.81780093 | 14.08 | 26.9237 | 5.98446759 | 13.69 | 24.3518 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65113426 | 14.3 | 29.8236 | 5.81791667 | 14.08 | 26.9438 | 5.98458333 | 13.69 | 24.3419 |
| 5.65125 | 14.3 | 29.8236 | 5.81803241 | 14.07 | 26.9508 | 5.98469907 | 13.69 | 24.3255 |
| 5.65136574 | 14.31 | 29.8159 | 5.81814815 | 14.08 | 26.9037 | 5.98481482 | 13.69 | 24.2993 |
| 5.65148148 | 14.31 | 29.7483 | 5.81826389 | 14.08 | 26.9037 | 5.98493056 | 13.68 | 24.3154 |
| 5.65159722 | 14.31 | 29.7099 | 5.81837963 | 14.08 | 26.8916 | 5.9850463 | 13.68 | 24.2892 |
| 5.65171296 | 14.31 | 29.6955 | 5.81849537 | 14.08 | 27.0002 | 5.98516204 | 13.66 | 24.3117 |
| 5.6518287 | 14.33 | 29.1465 | 5.81861111 | 14.08 | 26.9518 | 5.98527778 | 13.66 | 24.292 |
| 5.65194444 | 14.38 | 25.9182 | 5.81872685 | 14.08 | 27.0852 | 5.98539352 | 13.66 | 24.3117 |
| 5.65206019 | 14.35 | 28.2363 | 5.81884259 | 14.08 | 26.9639 | 5.98550926 | 13.66 | 24.2855 |
| 5.65217593 | 14.33 | 29.0584 | 5.81895833 | 14.08 | 26.98 | 5.985625 | 13.66 | 24.2887 |
| 5.65229167 | 14.34 | 29.2556 | 5.81907407 | 14.08 | 26.9478 | 5.98574074 | 13.66 | 24.2593 |
| 5.65240741 | 14.33 | 29.3664 | 5.81918982 | 14.08 | 26.9518 | 5.98585648 | 13.66 | 23.9977 |
| 5.65252315 | 14.33 | 29.4089 | 5.81930556 | 14.08 | 26.9881 | 5.98597222 | 13.66 | 23.9818 |
| 5.65263889 | 14.31 | 29.5997 | 5.8194213 | 14.09 | 26.9288 | 5.98608796 | 13.66 | 24.0811 |
| 5.65275463 | 14.33 | 29.661 | 5.81953704 | 14.08 | 26.9317 | 5.9862037 | 13.65 | 23.8705 |
| 5.65287037 | 14.33 | 29.5273 | 5.81965278 | 14.08 | 26.9197 | 5.98631944 | 13.66 | 23.8327 |
| 5.65298611 | 14.33 | 29.3805 | 5.81976852 | 14.09 | 26.8847 | 5.98643519 | 13.66 | 23.9023 |
| 5.65310185 | 14.33 | 29.6514 | 5.81988426 | 14.08 | 26.9478 | 5.98655093 | 13.68 | 24.0493 |
| 5.65321759 | 14.31 | 29.2735 | 5.82 | 14.09 | 26.9851 | 5.98666667 | 13.68 | 24.1234 |
| 5.65333333 | 14.33 | 29.5892 | 5.82011574 | 14.08 | 26.9037 | 5.98678241 | 13.68 | 24.0365 |
| 5.65344907 | 14.31 | 29.8207 | 5.82023148 | 14.08 | 26.9117 | 5.98689815 | 13.68 | 24.1169 |
| 5.65356482 | 14.31 | 29.8159 | 5.82034722 | 14.09 | 26.961 | 5.98701389 | 13.68 | 24.1979 |
| 5.65368056 | 14.33 | 29.6083 | 5.82046296 | 14.09 | 26.9449 | 5.98712963 | 13.68 | 24.1395 |
| 5.6537963 | 14.31 | 29.7147 | 5.8205787 | 14.08 | 26.9037 | 5.98724537 | 13.66 | 23.8643 |
| 5.65391204 | 14.31 | 29.5521 | 5.82069444 | 14.08 | 26.9237 | 5.98736111 | 13.65 | 23.751 |
| 5.65402778 | 14.47 | 20.9622 | 5.82081019 | 14.08 | 26.8796 | 5.98747685 | 13.66 | 23.7761 |
| 5.65414352 | 14.51 | 18.1322 | 5.82092593 | 14.08 | 26.9117 | 5.98759259 | 13.66 | 23.7981 |
| 5.65425926 | 14.51 | 19.2315 | 5.82104167 | 14.08 | 26.9037 | 5.98770833 | 13.66 | 23.773 |
| 5.654375 | 14.4 | 25.3986 | 5.82115741 | 14.08 | 26.8716 | 5.98782407 | 13.63 | 23.6263 |
| 5.65449074 | 14.33 | 29.0261 | 5.82127315 | 14.08 | 26.8157 | 5.98793982 | 13.63 | 23.6604 |
| 5.65460648 | 14.33 | 28.6609 | 5.82138889 | 14.08 | 26.9117 | 5.98805556 | 13.63 | 23.6139 |
| 5.65472222 | 14.38 | 25.6164 | 5.82150463 | 14.08 | 26.8796 | 5.9881713 | 13.63 | 23.5831 |
| 5.65483796 | 14.44 | 22.2787 | 5.82162037 | 14.08 | 26.8556 | 5.98828704 | 13.63 | 23.5676 |
| 5.6549537 | 14.38 | 27.5392 | 5.82173611 | 14.08 | 26.9197 | 5.98840278 | 13.63 | 23.5492 |
| 5.65506944 | 14.44 | 21.696 | 5.82185185 | 14.08 | 27.0042 | 5.98851852 | 13.63 | 23.543 |
| 5.65518519 | 14.5 | 19.4338 | 5.82196759 | 14.08 | 26.8436 | 5.98863426 | 13.63 | 23.5584 |
| 5.65530093 | 14.4 | 26.0524 | 5.82208333 | 14.07 | 26.8986 | 5.98875 | 13.63 | 23.5892 |
| 5.65541667 | 14.33 | 29.7957 | 5.82219907 | 14.08 | 26.8436 | 5.98886574 | 13.63 | 23.5831 |
| 5.65553241 | 14.33 | 29.4941 | 5.82231482 | 14.08 | 26.8676 | 5.98898148 | 13.63 | 23.5831 |
| 5.65564815 | 14.46 | 20.8147 | 5.82243056 | 14.08 | 26.9197 | 5.98909722 | 13.63 | 23.5738 |
| 5.65576389 | 14.37 | 28.7718 | 5.8225463 | 14.08 | 26.8756 | 5.98921296 | 13.63 | 23.5738 |
| 5.65587963 | 14.31 | 29.8885 | 5.82266204 | 14.08 | 26.8796 | 5.9893287 | 13.63 | 23.543 |
| 5.65599537 | 14.37 | 26.3455 | 5.82277778 | 14.08 | 26.8596 | 5.98944444 | 13.63 | 23.5676 |
| 5.65611111 | 14.34 | 28.5456 | 5.82289352 | 14.08 | 26.8476 | 5.98956019 | 13.62 | 23.5584 |
| 5.65622685 | 14.34 | 28.5949 | 5.82300926 | 14.08 | 26.8796 | 5.98967593 | 13.63 | 23.5707 |
| 5.65634259 | 14.31 | 29.6955 | 5.823125 | 14.07 | 26.8866 | 5.98979167 | 13.63 | 23.6511 |
| 5.65645833 | 14.3 | 29.9741 | 5.82324074 | 14.07 | 26.8346 | 5.98990741 | 13.65 | 23.861 |
| 5.65657407 | 14.33 | 29.2865 | 5.82335648 | 14.08 | 26.8357 | 5.99002315 | 13.6 | 1.2101 |
| 5.65668982 | 14.31 | 29.3816 | 5.82347222 | 14.08 | 26.8436 | 5.99013889 | 13.68 | 1.4508 |
| 5.65680556 | 14.31 | 29.6619 | 5.82358796 | 14.08 | 26.8796 | 5.99025463 | 13.6 | 1.3147 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6569213 | 14.31 | 29.9128 | 5.8237037 | 14.08 | 26.8756 | 5.99037037 | 13.6 | 1.7407 |
| 5.65703704 | 14.31 | 29.5616 | 5.82381944 | 14.08 | 26.8916 | 5.99048611 | 13.53 | 23.7533 |
| 5.65715278 | 14.31 | 29.7147 | 5.82393519 | 14.08 | 26.8836 | 5.99060185 | 13.49 | 1.169 |
| 5.65726852 | 14.31 | 29.6859 | 5.82405093 | 14.08 | 26.8796 | 5.99071759 | 13.6 | 23.5953 |
| 5.65738426 | 14.38 | 26.0051 | 5.82416667 | 14.08 | 26.8756 | 5.99083333 | 13.55 | 0.6922 |
| 5.6575 | 14.34 | 28.3584 | 5.82428241 | 14.08 | 26.8277 | 5.99094907 | 13.49 | 0.5929 |
| 5.65761574 | 14.33 | 29.6227 | 5.82439815 | 14.07 | 26.8227 | 5.99106482 | 13.34 | 0.3615 |
| 5.65773148 | 14.31 | 29.7195 | 5.82451389 | 14.07 | 26.8187 | 5.99118056 | 13.55 | 1.0074 |
| 5.65784722 | 14.33 | 29.6275 | 5.82462963 | 14.08 | 26.8436 | 5.9912963 | 13.63 | 2.3052 |
| 5.65796296 | 14.34 | 28.4517 | 5.82474537 | 14.08 | 26.8916 | 5.99141204 | 13.63 | 1.0556 |
| 5.6580787 | 14.33 | 29.2397 | 5.82486111 | 14.07 | 26.8706 | 5.99152778 | 13.63 | 1.268 |
| 5.65819444 | 14.31 | 29.5759 | 5.82497685 | 14.07 | 26.8546 | 5.99164352 | 13.63 | 23.3237 |
| 5.65831019 | 14.34 | 28.8305 | 5.82509259 | 14.08 | 26.7918 | 5.99175926 | 13.62 | 23.8955 |
| 5.65842593 | 14.31 | 28.8528 | 5.82520833 | 14.07 | 26.7828 | 5.991875 | 13.65 | 23.9721 |
| 5.65854167 | 14.33 | 29.114 | 5.82532407 | 14.08 | 26.7521 | 5.99199074 | 13.66 | 23.9595 |
| 5.65865741 | 14.33 | 29.1651 | 5.82543982 | 14.07 | 26.767 | 5.99210648 | 13.65 | 23.9466 |
| 5.65877315 | 14.34 | 28.5815 | 5.82555556 | 14.08 | 26.772 | 5.99222222 | 13.66 | 24.0041 |
| 5.65888889 | 14.37 | 27.1556 | 5.8256713 | 14.08 | 26.764 | 5.99233796 | 13.66 | 23.9626 |
| 5.65900463 | 14.33 | 29.2117 | 5.82578704 | 14.08 | 26.7521 | 5.9924537 | 13.65 | 23.9689 |
| 5.65912037 | 14.34 | 28.1602 | 5.82590278 | 14.08 | 26.7998 | 5.99256944 | 13.66 | 23.9372 |
| 5.65923611 | 14.34 | 28.55 | 5.82601852 | 14.08 | 26.7759 | 5.99268519 | 13.65 | 23.8737 |
| 5.65935185 | 14.35 | 28.118 | 5.82613426 | 14.07 | 26.8147 | 5.99280093 | 13.65 | 23.9148 |
| 5.65946759 | 14.34 | 28.1821 | 5.82625 | 14.08 | 26.772 | 5.99291667 | 13.66 | 23.8991 |
| 5.65958333 | 14.35 | 27.8453 | 5.82636574 | 14.08 | 26.7839 | 5.99303241 | 13.65 | 23.9148 |
| 5.65969907 | 14.4 | 24.8548 | 5.82648148 | 14.07 | 26.8107 | 5.99314815 | 13.66 | 23.8928 |
| 5.65981482 | 14.44 | 22.8584 | 5.82659722 | 14.08 | 26.7521 | 5.99326389 | 13.65 | 23.8673 |
| 5.65993056 | 14.38 | 27.1077 | 5.82671296 | 14.08 | 26.7521 | 5.99337963 | 13.66 | 23.8769 |
| 5.6600463 | 14.38 | 27.3302 | 5.8268287 | 14.08 | 26.7283 | 5.99349537 | 13.66 | 23.858 |
| 5.66016204 | 14.38 | 27.5687 | 5.82694444 | 14.08 | 26.7402 | 5.99361111 | 13.65 | 23.8421 |
| 5.66027778 | 14.38 | 27.4218 | 5.82706019 | 14.08 | 26.76 | 5.99372685 | 13.65 | 23.8326 |
| 5.66039352 | 14.34 | 28.5411 | 5.82717593 | 14.08 | 26.8117 | 5.99384259 | 13.65 | 23.8579 |
| 5.66050926 | 14.38 | 27.7981 | 5.82729167 | 14.09 | 26.8048 | 5.99395833 | 13.65 | 23.8106 |
| 5.660625 | 14.34 | 28.9817 | 5.82740741 | 14.09 | 27.2209 | 5.99407407 | 13.66 | 23.8107 |
| 5.66074074 | 14.33 | 29.4372 | 5.82752315 | 14.11 | 27.1292 | 5.99418982 | 13.65 | 23.8263 |
| 5.66085648 | 14.31 | 29.7628 | 5.82763889 | 14.11 | 27.2273 | 5.99430556 | 13.65 | 23.8169 |
| 5.66097222 | 14.38 | 27.6787 | 5.82775463 | 14.11 | 27.1577 | 5.9944213 | 13.65 | 23.82 |
| 5.66108796 | 14.38 | 27.1159 | 5.82787037 | 14.09 | 26.773 | 5.99453704 | 13.65 | 23.8106 |
| 5.6612037 | 14.4 | 26.3873 | 5.82798611 | 14.08 | 26.6967 | 5.99465278 | 13.65 | 23.7949 |
| 5.66131944 | 14.4 | 27.4119 | 5.82810185 | 14.08 | 26.7085 | 5.99476852 | 13.63 | 23.8324 |
| 5.66143519 | 14.37 | 28.363 | 5.82821759 | 14.08 | 26.7085 | 5.99488426 | 13.65 | 23.8169 |
| 5.66155093 | 14.38 | 27.5182 | 5.82833333 | 14.08 | 26.7085 | 5.995 | 13.65 | 23.8263 |
| 5.66166667 | 14.38 | 27.5687 | 5.82844907 | 14.08 | 26.6572 | 5.99511574 | 13.65 | 23.8326 |
| 5.66178241 | 14.34 | 28.9174 | 5.82856482 | 14.09 | 26.6149 | 5.99523148 | 13.65 | 23.8169 |
| 5.66189815 | 14.35 | 28.1311 | 5.82868056 | 14.08 | 26.7006 | 5.99534722 | 13.65 | 23.8484 |
| 5.66201389 | 14.34 | 28.8579 | 5.8287963 | 14.09 | 26.6503 | 5.99546296 | 13.65 | 23.8484 |
| 5.66212963 | 14.34 | 29.0926 | 5.82891204 | 14.09 | 26.6385 | 5.9955787 | 13.63 | 23.8766 |
| 5.66224537 | 14.33 | 29.2117 | 5.82902778 | 14.08 | 26.6769 | 5.99569444 | 13.65 | 23.9848 |
| 5.66236111 | 14.33 | 29.221 | 5.82914352 | 14.08 | 26.7125 | 5.99581019 | 13.66 | 23.9213 |
| 5.66247685 | 14.33 | 29.1325 | 5.82925926 | 14.08 | 26.61 | 5.99592593 | 13.65 | 23.9212 |
| 5.66259259 | 14.33 | 29.2117 | 5.829375 | 14.09 | 26.6345 | 5.99604167 | 13.66 | 23.969 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66270833 | 14.33 | 28.9984 | 5.82949074 | 14.08 | 26.61 | 5.99615741 | 13.65 | 23.9371 |
| 5.66282407 | 14.34 | 28.9679 | 5.82960648 | 14.08 | 26.6414 | 5.99627315 | 13.63 | 23.8545 |
| 5.66293982 | 14.31 | 29.7917 | 5.82972222 | 14.08 | 26.6532 | 5.99638889 | 13.63 | 23.7978 |
| 5.66305556 | 14.3 | 29.9839 | 5.82983796 | 14.08 | 26.6454 | 5.99650463 | 13.63 | 23.8608 |
| 5.6631713 | 14.31 | 29.8159 | 5.8299537 | 14.09 | 26.6031 | 5.99662037 | 13.63 | 23.7915 |
| 5.66328704 | 14.33 | 29.357 | 5.83006944 | 14.09 | 26.6898 | 5.99673611 | 13.63 | 23.7821 |
| 5.66340278 | 14.34 | 29.1855 | 5.83018519 | 14.09 | 26.7214 | 5.99685185 | 13.65 | 24.0328 |
| 5.66351852 | 14.31 | 29.595 | 5.83030093 | 14.08 | 26.7283 | 5.99696759 | 13.68 | 24.4208 |
| 5.66363426 | 14.31 | 29.638 | 5.83041667 | 14.09 | 26.6582 | 5.99708333 | 13.66 | 24.2105 |
| 5.66375 | 14.31 | 29.8691 | 5.83053241 | 14.09 | 26.5952 | 5.99719907 | 13.65 | 23.8484 |
| 5.66386574 | 14.31 | 29.7147 | 5.83064815 | 14.09 | 26.7016 | 5.99731482 | 13.62 | 23.679 |
| 5.66398148 | 14.31 | 29.9664 | 5.83076389 | 14.08 | 26.6651 | 5.99743056 | 13.6 | 23.6665 |
| 5.66409722 | 14.3 | 29.8671 | 5.83087963 | 14.08 | 26.5786 | 5.9975463 | 13.62 | 23.6325 |
| 5.66421296 | 14.31 | 29.595 | 5.83099537 | 14.08 | 26.6336 | 5.99766204 | 13.6 | 23.6696 |
| 5.6643287 | 14.33 | 29.2959 | 5.83111111 | 14.09 | 26.6819 | 5.99777778 | 13.62 | 23.6015 |
| 5.66444444 | 14.33 | 29.0168 | 5.83122685 | 14.09 | 26.7571 | 5.99789352 | 13.62 | 23.6077 |
| 5.66456019 | 14.3 | 30.1013 | 5.83134259 | 14.08 | 26.6139 | 5.99800926 | 13.6 | 23.6138 |
| 5.66467593 | 14.3 | 30.0327 | 5.83145833 | 14.09 | 26.6661 | 5.998125 | 13.59 | 23.6045 |
| 5.66479167 | 14.31 | 29.7291 | 5.83157407 | 14.08 | 26.6532 | 5.99824074 | 13.6 | 23.6046 |
| 5.66490741 | 14.33 | 29.2397 | 5.83168982 | 14.08 | 26.6927 | 5.99835648 | 13.63 | 23.6666 |
| 5.66502315 | 14.33 | 29.2865 | 5.83180556 | 14.08 | 26.7799 | 5.99847222 | 13.65 | 23.7291 |
| 5.66513889 | 14.31 | 29.5568 | 5.8319213 | 14.08 | 26.6651 | 5.99858796 | 13.63 | 23.7665 |
| 5.66525463 | 14.33 | 29.0723 | 5.83203704 | 14.08 | 26.6217 | 5.9987037 | 13.65 | 23.7698 |
| 5.66537037 | 14.33 | 29.5178 | 5.83215278 | 14.08 | 26.8117 | 5.99881944 | 13.65 | 23.6885 |
| 5.66548611 | 14.31 | 29.981 | 5.83226852 | 14.08 | 26.6021 | 5.99893519 | 13.63 | 23.7258 |
| 5.66560185 | 14.3 | 30.0768 | 5.83238426 | 14.07 | 26.5815 | 5.99905093 | 13.63 | 23.7414 |
| 5.66571759 | 14.31 | 29.8594 | 5.8325 | 14.08 | 26.61 | 5.99916667 | 13.65 | 23.7447 |
| 5.66583333 | 14.33 | 29.3664 | 5.83261574 | 14.08 | 26.6651 | 5.99928241 | 13.65 | 23.776 |
| 5.66594907 | 14.31 | 29.6332 | 5.83273148 | 14.08 | 26.6336 | 5.99939815 | 13.63 | 23.7102 |
| 5.66606482 | 14.3 | 30.0083 | 5.83284722 | 14.07 | 26.6286 | 5.99951389 | 13.63 | 23.7352 |
| 5.66618056 | 14.31 | 29.3204 | 5.83296296 | 14.08 | 26.6296 | 5.99962963 | 13.63 | 23.7508 |
| 5.6662963 | 14.33 | 29.2164 | 5.8330787 | 14.08 | 26.6021 | 5.99974537 | 13.63 | 23.7821 |
| 5.66641204 | 14.34 | 28.5994 | 5.83319444 | 14.08 | 26.6296 | 5.99986111 | 13.63 | 23.7477 |
| 5.66652778 | 14.34 | 28.8122 | 5.83331019 | 14.08 | 26.5943 | 5.99997685 | 13.63 | 23.7884 |
| 5.66664352 | 14.33 | 29.1651 | 5.83342593 | 14.08 | 26.5903 | 6.00009259 | 13.63 | 23.8513 |
| 5.66675926 | 14.34 | 28.7713 | 5.83354167 | 14.08 | 26.6454 | 6.00020833 | 13.62 | 23.7289 |
| 5.666875 | 14.34 | 28.5321 | 5.83365741 | 14.08 | 26.6769 | 6.00032407 | 13.63 | 23.7258 |
| 5.66699074 | 14.35 | 28.5337 | 5.83377315 | 14.08 | 26.768 | 6.00043982 | 13.63 | 23.7571 |
| 5.66710648 | 14.35 | 28.5337 | 5.83388889 | 14.08 | 26.6217 | 6.00055556 | 13.62 | 23.7164 |
| 5.66722222 | 14.34 | 28.568 | 5.83400463 | 14.07 | 26.6168 | 6.0006713 | 13.63 | 23.7978 |
| 5.66733796 | 14.34 | 28.9587 | 5.83412037 | 14.07 | 26.6051 | 6.00078704 | 13.65 | 23.9117 |
| 5.6674537 | 14.34 | 29.1715 | 5.83423611 | 14.08 | 26.6809 | 6.00090278 | 13.63 | 23.7633 |
| 5.66756944 | 14.34 | 28.7304 | 5.83435185 | 14.08 | 26.7362 | 6.00101852 | 13.63 | 23.7414 |
| 5.66768519 | 14.34 | 28.5008 | 5.83446759 | 14.09 | 26.7849 | 6.00113426 | 13.6 | 23.7287 |
| 5.66780093 | 14.34 | 29.0278 | 5.83458333 | 14.08 | 26.6848 | 6.00125 | 13.63 | 23.7414 |
| 5.66791667 | 14.34 | 29.3165 | 5.83469907 | 14.08 | 26.6848 | 6.00136574 | 13.63 | 23.7414 |
| 5.66803241 | 14.35 | 28.5786 | 5.83481482 | 14.08 | 26.6927 | 6.00148148 | 13.62 | 23.7476 |
| 5.66814815 | 14.38 | 28.1618 | 5.83493056 | 14.08 | 26.6809 | 6.00159722 | 13.62 | 23.6542 |
| 5.66826389 | 14.33 | 29.39 | 5.8350463 | 14.08 | 26.7244 | 6.00171296 | 13.62 | 23.7226 |
| 5.66837963 | 14.34 | 28.9541 | 5.83516204 | 14.08 | 26.7125 | 6.0018287 | 13.62 | 23.732 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66849537 | 14.38 | 28.3247 | 5.83527778 | 14.07 | 26.668 | 6.00194444 | 13.62 | 23.6697 |
| 5.66861111 | 14.37 | 28.7263 | 5.83539352 | 14.07 | 26.6051 | 6.00206019 | 13.62 | 23.6542 |
| 5.66872685 | 14.34 | 29.139 | 5.83550926 | 14.07 | 26.5972 | 6.00217593 | 13.62 | 23.6759 |
| 5.66884259 | 14.33 | 29.4372 | 5.835625 | 14.05 | 26.56 | 6.00229167 | 13.63 | 23.7571 |
| 5.66895833 | 14.33 | 29.594 | 5.83574074 | 14.07 | 26.6996 | 6.00240741 | 13.65 | 23.8705 |
| 5.66907407 | 14.33 | 29.3664 | 5.83585648 | 14.08 | 26.768 | 6.00252315 | 13.65 | 23.8673 |
| 5.66918982 | 14.33 | 29.4089 | 5.83597222 | 14.08 | 26.7125 | 6.00263889 | 13.65 | 23.8452 |
| 5.66930556 | 14.33 | 29.4514 | 5.83608796 | 14.08 | 26.7283 | 6.00275463 | 13.65 | 23.798 |
| 5.6694213 | 14.33 | 29.6466 | 5.8362037 | 14.08 | 26.8516 | 6.00287037 | 13.62 | 23.6852 |
| 5.66953704 | 14.33 | 29.3617 | 5.83631944 | 14.09 | 26.7452 | 6.00298611 | 13.62 | 23.7632 |
| 5.66965278 | 14.3 | 29.9108 | 5.83643519 | 14.09 | 26.7809 | 6.00310185 | 13.63 | 23.7102 |
| 5.66976852 | 14.31 | 29.8449 | 5.83655093 | 14.08 | 26.7362 | 6.00321759 | 13.63 | 23.6791 |
| 5.66988426 | 14.31 | 29.7291 | 5.83666667 | 14.09 | 26.7571 | 6.00333333 | 13.62 | 23.6077 |
| 5.67 | 14.33 | 29.0862 | 5.83678241 | 14.08 | 26.8157 | 6.00344907 | 13.62 | 23.5676 |
| 5.67011574 | 14.33 | 29.4893 | 5.83689815 | 14.09 | 26.7769 | 6.00356482 | 13.6 | 23.5522 |
| 5.67023148 | 14.33 | 29.3147 | 5.83701389 | 14.09 | 26.7809 | 6.00368056 | 13.6 | 23.5645 |
| 5.67034722 | 14.3 | 29.8671 | 5.83712963 | 14.09 | 26.8407 | 6.0037963 | 13.59 | 23.5552 |
| 5.67046296 | 14.33 | 29.2304 | 5.83724537 | 14.09 | 26.7809 | 6.00391204 | 13.59 | 23.586 |
| 5.6705787 | 14.33 | 29.4514 | 5.83736111 | 14.09 | 26.765 | 6.00402778 | 13.6 | 23.651 |
| 5.67069444 | 14.31 | 29.7099 | 5.83747685 | 14.08 | 26.7362 | 6.00414352 | 13.6 | 23.6355 |
| 5.67081019 | 14.3 | 30.0229 | 5.83759259 | 14.09 | 26.7968 | 6.00425926 | 13.59 | 23.5799 |
| 5.67092593 | 14.3 | 30.1161 | 5.83770833 | 14.09 | 26.8527 | 6.004375 | 13.62 | 23.5985 |
| 5.67104167 | 14.3 | 30.0523 | 5.83782407 | 14.09 | 26.8008 | 6.00449074 | 13.6 | 23.6107 |
| 5.67115741 | 14.3 | 29.872 | 5.83793982 | 14.08 | 26.768 | 6.00460648 | 13.62 | 23.7226 |
| 5.67127315 | 14.3 | 29.979 | 5.83805556 | 14.08 | 26.7521 | 6.00472222 | 13.6 | 23.5953 |
| 5.67138889 | 14.31 | 29.6955 | 5.8381713 | 14.09 | 26.8008 | 6.00483796 | 13.62 | 23.6666 |
| 5.67150463 | 14.31 | 29.6332 | 5.83828704 | 14.09 | 26.8008 | 6.0049537 | 13.6 | 23.6417 |
| 5.67162037 | 14.33 | 29.5416 | 5.83840278 | 14.09 | 26.8207 | 6.00506944 | 13.62 | 23.6914 |
| 5.67173611 | 14.33 | 29.5606 | 5.83851852 | 14.09 | 26.7849 | 6.00518519 | 13.62 | 23.7601 |
| 5.67185185 | 14.33 | 29.637 | 5.83863426 | 14.09 | 26.7968 | 6.00530093 | 13.62 | 23.6914 |
| 5.67196759 | 14.33 | 29.5131 | 5.83875 | 14.09 | 26.7849 | 6.00541667 | 13.62 | 23.7601 |
| 5.67208333 | 14.33 | 29.7282 | 5.83886574 | 14.09 | 26.8287 | 6.00553241 | 13.62 | 23.8418 |
| 5.67219907 | 14.31 | 29.7724 | 5.83898148 | 14.11 | 26.8188 | 6.00564815 | 13.63 | 23.8167 |
| 5.67231482 | 14.31 | 29.811 | 5.83909722 | 14.09 | 26.7889 | 6.00576389 | 13.62 | 23.8323 |
| 5.67243056 | 14.3 | 29.8865 | 5.83921296 | 14.09 | 26.7769 | 6.00587963 | 13.62 | 23.8166 |
| 5.6725463 | 14.28 | 30.2303 | 5.8393287 | 14.09 | 26.773 | 6.00599537 | 13.63 | 23.8576 |
| 5.67266204 | 14.28 | 30.255 | 5.83944444 | 14.09 | 26.7968 | 6.00611111 | 13.63 | 23.8419 |
| 5.67277778 | 14.28 | 30.3196 | 5.83956019 | 14.08 | 26.7759 | 6.00622685 | 13.63 | 23.8639 |
| 5.67289352 | 14.28 | 30.2451 | 5.83967593 | 14.09 | 26.7531 | 6.00634259 | 13.62 | 23.7914 |
| 5.67300926 | 14.28 | 30.2501 | 5.83979167 | 14.09 | 26.8088 | 6.00645833 | 13.6 | 23.7819 |
| 5.673125 | 14.27 | 30.4872 | 5.83990741 | 14.09 | 26.765 | 6.00657407 | 13.63 | 23.8261 |
| 5.67324074 | 14.28 | 30.265 | 5.84002315 | 14.08 | 26.7799 | 6.00668982 | 13.63 | 23.9051 |
| 5.67335648 | 14.27 | 30.2629 | 5.84013889 | 14.09 | 26.7333 | 6.00680556 | 13.65 | 23.9307 |
| 5.67347222 | 14.27 | 30.4221 | 5.84025463 | 14.08 | 26.76 | 6.0069213 | 13.65 | 23.9721 |
| 5.67358796 | 14.3 | 29.9157 | 5.84037037 | 14.08 | 26.7323 | 6.00703704 | 13.65 | 24.02 |
| 5.6737037 | 14.28 | 30.265 | 5.84048611 | 14.08 | 26.7402 | 6.00715278 | 13.63 | 24.0165 |
| 5.67381944 | 14.28 | 30.0042 | 5.84060185 | 14.08 | 26.7283 | 6.00726852 | 13.65 | 24.0584 |
| 5.67393519 | 14.3 | 29.8284 | 5.84071759 | 14.08 | 26.7164 | 6.00738426 | 13.66 | 24.1262 |
| 5.67405093 | 14.27 | 30.1394 | 5.84083333 | 14.08 | 26.76 | 6.0075 | 13.66 | 24.2235 |
| 5.67416667 | 14.28 | 30.2749 | 5.84094907 | 14.08 | 26.7799 | 6.00761574 | 13.68 | 24.4506 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67428241 | 14.3 | 29.8526 | 5.84106482 | 14.09 | 26.8487 | 6.00773148 | 13.68 | 24.4573 |
| 5.67439815 | 14.28 | 30.014 | 5.84118056 | 14.09 | 26.8367 | 6.00784722 | 13.68 | 24.4142 |
| 5.67451389 | 14.27 | 30.2678 | 5.8412963 | 14.08 | 26.772 | 6.00796296 | 13.68 | 24.3088 |
| 5.67462963 | 14.3 | 29.6217 | 5.84141204 | 14.09 | 26.7929 | 6.0080787 | 13.66 | 24.3051 |
| 5.67474537 | 14.31 | 29.5521 | 5.84152778 | 14.08 | 26.7402 | 6.00819444 | 13.66 | 24.2789 |
| 5.67486111 | 14.31 | 29.2595 | 5.84164352 | 14.08 | 26.7323 | 6.00831019 | 13.65 | 24.1973 |
| 5.67497685 | 14.34 | 28.6806 | 5.84175926 | 14.08 | 26.7283 | 6.00842593 | 13.65 | 24.1616 |
| 5.67509259 | 14.33 | 29.423 | 5.841875 | 14.08 | 26.7402 | 6.00854167 | 13.65 | 24.0424 |
| 5.67520833 | 14.34 | 29.0601 | 5.84199074 | 14.08 | 26.7164 | 6.00865741 | 13.63 | 23.9909 |
| 5.67532407 | 14.33 | 29.5131 | 5.84210648 | 14.08 | 26.76 | 6.00877315 | 13.62 | 23.9653 |
| 5.67543982 | 14.3 | 29.9303 | 5.84222222 | 14.08 | 26.764 | 6.00888889 | 13.62 | 23.9176 |
| 5.67555556 | 14.31 | 29.6619 | 5.84233796 | 14.08 | 26.7918 | 6.00900463 | 13.62 | 23.9335 |
| 5.6756713 | 14.33 | 29.0769 | 5.8424537 | 14.08 | 26.772 | 6.00912037 | 13.62 | 23.9335 |
| 5.67578704 | 14.34 | 29.0463 | 5.84256944 | 14.07 | 26.7154 | 6.00923611 | 13.62 | 23.9748 |
| 5.67590278 | 14.33 | 29.5178 | 5.84268519 | 14.08 | 26.6967 | 6.00935185 | 13.62 | 23.9398 |
| 5.67601852 | 14.31 | 29.7676 | 5.84280093 | 14.07 | 26.7194 | 6.00946759 | 13.62 | 23.9018 |
| 5.67613426 | 14.31 | 29.8594 | 5.84291667 | 14.07 | 26.7233 | 6.00958333 | 13.6 | 23.8826 |
| 5.67625 | 14.31 | 29.9712 | 5.84303241 | 14.07 | 26.7154 | 6.00969907 | 13.59 | 23.8006 |
| 5.67636574 | 14.31 | 30.025 | 5.84314815 | 14.07 | 26.6799 | 6.00981482 | 13.59 | 23.8572 |
| 5.67648148 | 14.3 | 30.0425 | 5.84326389 | 14.07 | 26.7036 | 6.00993056 | 13.62 | 23.9398 |
| 5.67659722 | 14.31 | 30.025 | 5.84337963 | 14.07 | 26.6641 | 6.0100463 | 13.6 | 23.9142 |
| 5.67671296 | 14.31 | 29.9761 | 5.84349537 | 14.05 | 26.5913 | 6.01016204 | 13.6 | 23.8353 |
| 5.6768287 | 14.33 | 29.9655 | 5.84361111 | 14.07 | 26.6878 | 6.01027778 | 13.59 | 23.8572 |
| 5.67694444 | 14.31 | 30.0103 | 5.84372685 | 14.07 | 26.7115 | 6.01039352 | 13.59 | 23.8006 |
| 5.67706019 | 14.31 | 29.9274 | 5.84384259 | 14.07 | 26.763 | 6.01050926 | 13.6 | 23.851 |
| 5.67717593 | 14.31 | 30.025 | 5.84395833 | 14.08 | 26.6967 | 6.010625 | 13.6 | 23.8605 |
| 5.67729167 | 14.27 | 30.3971 | 5.84407407 | 14.08 | 26.7442 | 6.01074074 | 13.59 | 23.8006 |
| 5.67740741 | 14.27 | 30.4973 | 5.84418982 | 14.07 | 26.6799 | 6.01085648 | 13.59 | 23.8163 |
| 5.67752315 | 14.27 | 30.3922 | 5.84430556 | 14.09 | 26.9248 | 6.01097222 | 13.59 | 23.8037 |
| 5.67763889 | 14.27 | 30.3075 | 5.8444213 | 14.09 | 26.8008 | 6.01108796 | 13.6 | 23.9301 |
| 5.67775463 | 14.28 | 30.1464 | 5.84453704 | 14.09 | 26.8247 | 6.0112037 | 13.63 | 24.0229 |
| 5.67787037 | 14.27 | 30.4321 | 5.84465278 | 14.07 | 26.5972 | 6.01131944 | 13.62 | 24.0291 |
| 5.67798611 | 14.27 | 30.2728 | 5.84476852 | 14.07 | 26.6404 | 6.01143519 | 13.63 | 24.0133 |
| 5.67810185 | 14.27 | 30.4021 | 5.84488426 | 14.09 | 26.8447 | 6.01155093 | 13.65 | 24.181 |
| 5.67821759 | 14.27 | 30.4171 | 5.845 | 14.07 | 26.668 | 6.01166667 | 13.66 | 24.23 |
| 5.67833333 | 14.28 | 29.9847 | 5.84511574 | 14.07 | 26.672 | 6.01178241 | 13.69 | 24.3847 |
| 5.67844907 | 14.3 | 29.7368 | 5.84523148 | 14.08 | 26.6809 | 6.01189815 | 13.68 | 24.3154 |
| 5.67856482 | 14.3 | 29.8042 | 5.84534722 | 14.08 | 26.6769 | 6.01201389 | 13.66 | 24.1327 |
| 5.67868056 | 14.3 | 29.7031 | 5.84546296 | 14.07 | 26.6286 | 6.01212963 | 13.68 | 24.3384 |
| 5.6787963 | 14.3 | 29.8139 | 5.8455787 | 14.07 | 26.7036 | 6.01224537 | 13.68 | 24.299 |
| 5.67891204 | 14.33 | 28.806 | 5.84569444 | 14.08 | 26.7402 | 6.01236111 | 13.69 | 24.3255 |
| 5.67902778 | 14.31 | 29.3439 | 5.84581019 | 14.08 | 26.6967 | 6.01247685 | 13.69 | 24.2502 |
| 5.67914352 | 14.34 | 28.1034 | 5.84592593 | 14.09 | 26.7333 | 6.01259259 | 13.65 | 24.0328 |
| 5.67925926 | 14.34 | 28.099 | 5.84604167 | 14.07 | 26.5894 | 6.01270833 | 13.62 | 23.8134 |
| 5.679375 | 14.34 | 28.2348 | 5.84615741 | 14.07 | 26.6838 | 6.01282407 | 13.59 | 23.6602 |
| 5.67949074 | 14.34 | 28.4517 | 5.84627315 | 14.08 | 26.7046 | 6.01293982 | 13.57 | 23.6601 |
| 5.67960648 | 14.34 | 28.4428 | 5.84638889 | 14.07 | 26.6601 | 6.01305556 | 13.59 | 23.654 |
| 5.67972222 | 14.35 | 28.431 | 5.84650463 | 14.09 | 26.8327 | 6.0131713 | 13.57 | 23.6045 |
| 5.67983796 | 14.34 | 28.474 | 5.84662037 | 14.08 | 26.7879 | 6.01328704 | 13.57 | 23.5583 |
| 5.6799537 | 14.33 | 28.5843 | 5.84673611 | 14.07 | 26.6286 | 6.01340278 | 13.59 | 23.586 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68006944 | 14.33 | 28.7696 | 5.84685185 | 14.08 | 26.6967 | 6.01351852 | 13.59 | 23.5829 |
| 5.68018519 | 14.33 | 29.114 | 5.84696759 | 14.07 | 26.5854 | 6.01363426 | 13.59 | 23.6447 |
| 5.68030093 | 14.3 | 29.8091 | 5.84708333 | 14.07 | 26.6286 | 6.01375 | 13.57 | 23.6416 |
| 5.68041667 | 14.3 | 29.7657 | 5.84719907 | 14.07 | 26.6286 | 6.01386574 | 13.57 | 23.6199 |
| 5.68053241 | 14.3 | 29.5407 | 5.84731482 | 14.08 | 26.768 | 6.01398148 | 13.57 | 23.6354 |
| 5.68064815 | 14.3 | 29.4222 | 5.84743056 | 14.07 | 26.6483 | 6.01409722 | 13.57 | 23.5983 |
| 5.68076389 | 14.28 | 30.0727 | 5.8475463 | 14.07 | 26.6483 | 6.01421296 | 13.56 | 23.5736 |
| 5.68087963 | 14.27 | 30.1444 | 5.84766204 | 14.07 | 26.6168 | 6.0143287 | 13.57 | 23.5737 |
| 5.68099537 | 14.27 | 30.2877 | 5.84777778 | 14.08 | 26.6927 | 6.01444444 | 13.57 | 23.5521 |
| 5.68111111 | 14.27 | 30.0511 | 5.84789352 | 14.07 | 26.672 | 6.01456019 | 13.57 | 23.6292 |
| 5.68122685 | 14.27 | 30.1542 | 5.84800926 | 14.07 | 26.668 | 6.01467593 | 13.57 | 23.5644 |
| 5.68134259 | 14.25 | 30.513 | 5.848125 | 14.08 | 26.7481 | 6.01479167 | 13.59 | 23.5522 |
| 5.68145833 | 14.25 | 30.508 | 5.84824074 | 14.07 | 26.7115 | 6.01490741 | 13.57 | 23.6416 |
| 5.68157407 | 14.25 | 30.353 | 5.84835648 | 14.08 | 26.7125 | 6.01502315 | 13.59 | 23.6169 |
| 5.68168982 | 14.25 | 30.4178 | 5.84847222 | 14.08 | 26.7521 | 6.01513889 | 13.57 | 23.6261 |
| 5.68180556 | 14.25 | 30.4178 | 5.84858796 | 14.08 | 26.768 | 6.01525463 | 13.57 | 23.6106 |
| 5.6819213 | 14.25 | 30.4579 | 5.8487037 | 14.07 | 26.7075 | 6.01537037 | 13.57 | 23.6137 |
| 5.68203704 | 14.25 | 30.4378 | 5.84881944 | 14.07 | 26.6365 | 6.01548611 | 13.6 | 23.6386 |
| 5.68215278 | 14.25 | 30.3331 | 5.84893519 | 14.07 | 26.668 | 6.01560185 | 13.6 | 23.7944 |
| 5.68226852 | 14.25 | 30.2934 | 5.84905093 | 14.07 | 26.5972 | 6.01571759 | 13.6 | 23.8195 |
| 5.68238426 | 14.27 | 29.9876 | 5.84916667 | 14.07 | 26.6326 | 6.01583333 | 13.62 | 23.8386 |
| 5.6825 | 14.25 | 30.2686 | 5.84928241 | 14.07 | 26.6365 | 6.01594907 | 13.62 | 23.9398 |
| 5.68261574 | 14.25 | 30.2636 | 5.84939815 | 14.07 | 26.6878 | 6.01606482 | 13.65 | 24.2265 |
| 5.68273148 | 14.24 | 30.2863 | 5.84951389 | 14.07 | 26.6483 | 6.01618056 | 13.65 | 24.194 |
| 5.68284722 | 14.25 | 30.1747 | 5.84962963 | 14.07 | 26.6129 | 6.0162963 | 13.68 | 24.3812 |
| 5.68296296 | 14.25 | 30.0813 | 5.84974537 | 14.08 | 26.6414 | 6.01641204 | 13.69 | 24.5742 |
| 5.6830787 | 14.25 | 30.1353 | 5.84986111 | 14.08 | 26.6848 | 6.01652778 | 13.68 | 24.3581 |
| 5.68319444 | 14.24 | 30.2715 | 5.84997685 | 14.07 | 26.5424 | 6.01664352 | 13.68 | 24.4043 |
| 5.68331019 | 14.24 | 30.2121 | 5.85009259 | 14.08 | 26.6611 | 6.01675926 | 13.66 | 24.3412 |
| 5.68342593 | 14.25 | 30.2438 | 5.85020833 | 14.08 | 26.7323 | 6.016875 | 13.69 | 24.5241 |
| 5.68354167 | 14.25 | 30.2142 | 5.85032407 | 14.09 | 26.7769 | 6.01699074 | 13.7 | 24.6687 |
| 5.68365741 | 14.24 | 30.1628 | 5.85043982 | 14.08 | 26.8397 | 6.01710648 | 13.7 | 24.4911 |
| 5.68377315 | 14.25 | 30.2488 | 5.85055556 | 14.11 | 26.9631 | 6.01722222 | 13.72 | 24.6829 |
| 5.68388889 | 14.24 | 30.1874 | 5.8506713 | 14.09 | 26.8407 | 6.01733796 | 13.68 | 24.3977 |
| 5.68400463 | 14.25 | 30.1796 | 5.85078704 | 14.09 | 26.8967 | 6.0174537 | 13.69 | 24.3748 |
| 5.68412037 | 14.24 | 30.2121 | 5.85090278 | 14.11 | 27.0156 | 6.01756944 | 13.66 | 24.2757 |
| 5.68423611 | 14.24 | 30.1333 | 5.85101852 | 14.11 | 26.9914 | 6.01768519 | 13.66 | 24.2691 |
| 5.68435185 | 14.25 | 30.0911 | 5.85113426 | 14.12 | 27.0937 | 6.01780093 | 13.65 | 24.0777 |
| 5.68446759 | 14.25 | 29.9057 | 5.85125 | 14.11 | 26.9269 | 6.01791667 | 13.63 | 23.9654 |
| 5.68458333 | 14.27 | 29.8515 | 5.85136574 | 14.11 | 27.0035 | 6.01803241 | 13.63 | 23.9814 |
| 5.68469907 | 14.27 | 29.8612 | 5.85148148 | 14.09 | 26.8168 | 6.01814815 | 13.63 | 24.0037 |
| 5.68481482 | 14.27 | 29.8806 | 5.85159722 | 14.12 | 27.0531 | 6.01826389 | 13.63 | 23.9654 |
| 5.68493056 | 14.27 | 29.9097 | 5.85171296 | 14.09 | 26.7571 | 6.01837963 | 13.63 | 24.0197 |
| 5.6850463 | 14.25 | 29.9543 | 5.8518287 | 14.11 | 26.8988 | 6.01849537 | 13.63 | 23.9782 |
| 5.68516204 | 14.25 | 29.9592 | 5.85194444 | 14.08 | 26.7323 | 6.01861111 | 13.63 | 23.9718 |
| 5.68527778 | 14.27 | 29.9194 | 5.85206019 | 14.09 | 26.7373 | 6.01872685 | 13.63 | 23.94 |
| 5.68539352 | 14.27 | 29.9827 | 5.85217593 | 14.12 | 27.0046 | 6.01884259 | 13.63 | 24.0293 |
| 5.68550926 | 14.27 | 29.9291 | 5.85229167 | 14.11 | 26.9551 | 6.01895833 | 13.63 | 23.9909 |
| 5.685625 | 14.25 | 30.0031 | 5.85240741 | 14.09 | 26.8687 | 6.01907407 | 13.63 | 24.0421 |
| 5.68574074 | 14.27 | 29.9535 | 5.85252315 | 14.08 | 26.764 | 6.01918982 | 13.63 | 24.0133 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68585648 | 14.25 | 30.0128 | 5.85263889 | 14.09 | 26.8967 | 6.01930556 | 13.63 | 24.0133 |
| 5.68597222 | 14.25 | 30.0128 | 5.85275463 | 14.11 | 27.0358 | 6.0194213 | 13.65 | 24.0328 |
| 5.68608796 | 14.25 | 29.9835 | 5.85287037 | 14.09 | 26.8607 | 6.01953704 | 13.63 | 23.9877 |
| 5.6862037 | 14.27 | 29.9827 | 5.85298611 | 14.09 | 26.769 | 6.01965278 | 13.63 | 23.9559 |
| 5.68631944 | 14.25 | 30.0079 | 5.85310185 | 14.09 | 26.769 | 6.01976852 | 13.62 | 23.978 |
| 5.68643519 | 14.27 | 29.9389 | 5.85321759 | 14.09 | 26.7968 | 6.01988426 | 13.63 | 23.9654 |
| 5.68655093 | 14.25 | 29.9982 | 5.85333333 | 14.11 | 26.9631 | 6.02 | 13.63 | 23.9559 |
| 5.68666667 | 14.25 | 30.0226 | 5.85344907 | 14.12 | 26.9562 | 6.02011574 | 13.63 | 24.0037 |
| 5.68678241 | 14.24 | 29.9767 | 5.85356482 | 14.09 | 26.9127 | 6.02023148 | 13.63 | 24.1321 |
| 5.68689815 | 14.25 | 29.9835 | 5.85368056 | 14.12 | 27.0329 | 6.02034722 | 13.63 | 24.0838 |
| 5.68701389 | 14.25 | 29.9982 | 5.8537963 | 14.09 | 26.773 | 6.02046296 | 13.65 | 24.1519 |
| 5.68712963 | 14.25 | 29.9689 | 5.85391204 | 14.09 | 26.8927 | 6.0205787 | 13.65 | 24.1131 |
| 5.68724537 | 14.25 | 29.9933 | 5.85402778 | 14.11 | 26.9712 | 6.02069444 | 13.65 | 24.1519 |
| 5.68736111 | 14.25 | 30.0177 | 5.85414352 | 14.09 | 26.8487 | 6.02081019 | 13.65 | 24.2103 |
| 5.68747685 | 14.25 | 30.047 | 5.85425926 | 14.09 | 26.7571 | 6.02092593 | 13.66 | 24.0908 |
| 5.68759259 | 14.25 | 30.096 | 5.854375 | 14.08 | 26.8277 | 6.02104167 | 13.65 | 24.0328 |
| 5.68770833 | 14.25 | 30.1304 | 5.85449074 | 14.08 | 26.7402 | 6.02115741 | 13.65 | 24.0874 |
| 5.68782407 | 14.25 | 30.2142 | 5.85460648 | 14.09 | 26.8008 | 6.02127315 | 13.65 | 24.1099 |
| 5.68793982 | 14.25 | 30.1599 | 5.85472222 | 14.08 | 26.76 | 6.02138889 | 13.65 | 24.0456 |
| 5.68805556 | 14.25 | 30.1157 | 5.85483796 | 14.08 | 26.7839 | 6.02150463 | 13.65 | 24.1131 |
| 5.6881713 | 14.25 | 30.1206 | 5.8549537 | 14.09 | 26.7452 | 6.02162037 | 13.63 | 24.0742 |
| 5.68828704 | 14.25 | 30.0666 | 5.85506944 | 14.08 | 26.6572 | 6.02173611 | 13.63 | 24.0613 |
| 5.68840278 | 14.25 | 30.1058 | 5.85518519 | 14.07 | 26.6326 | 6.02185185 | 13.63 | 24.0357 |
| 5.68851852 | 14.24 | 30.1431 | 5.85530093 | 14.07 | 26.6247 | 6.02196759 | 13.63 | 24.0677 |
| 5.68863426 | 14.25 | 30.1304 | 5.85541667 | 14.07 | 26.6444 | 6.02208333 | 13.65 | 24.0232 |
| 5.68875 | 14.24 | 30.0744 | 5.85553241 | 14.09 | 26.7849 | 6.02219907 | 13.63 | 24.0517 |
| 5.68886574 | 14.25 | 30.0226 | 5.85564815 | 14.09 | 26.7333 | 6.02231482 | 13.65 | 24.0552 |
| 5.68898148 | 14.25 | 30.0421 | 5.85576389 | 14.08 | 26.76 | 6.02243056 | 13.65 | 24.1002 |
| 5.68909722 | 14.27 | 30.0413 | 5.85587963 | 14.08 | 26.7918 | 6.0225463 | 13.65 | 24.0874 |
| 5.68921296 | 14.25 | 30.047 | 5.85599537 | 14.08 | 26.8038 | 6.02266204 | 13.65 | 24.1293 |
| 5.6893287 | 14.25 | 30.0373 | 5.85611111 | 14.09 | 26.8367 | 6.02277778 | 13.65 | 24.0713 |
| 5.68944444 | 14.25 | 30.0862 | 5.85622685 | 14.09 | 26.8128 | 6.02289352 | 13.65 | 24.1293 |
| 5.68956019 | 14.25 | 30.0324 | 5.85634259 | 14.09 | 26.9127 | 6.02300926 | 13.65 | 24.1196 |
| 5.68967593 | 14.25 | 29.9933 | 5.85645833 | 14.11 | 26.8828 | 6.023125 | 13.65 | 24.1099 |
| 5.68979167 | 14.25 | 30.0275 | 5.85657407 | 14.11 | 26.8868 | 6.02324074 | 13.63 | 24.0902 |
| 5.68990741 | 14.25 | 30.0324 | 5.85668982 | 14.11 | 26.8948 | 6.02335648 | 13.63 | 24.116 |
| 5.69002315 | 14.27 | 30.0071 | 5.85680556 | 14.12 | 26.9401 | 6.02347222 | 13.65 | 24.1099 |
| 5.69013889 | 14.25 | 30.047 | 5.8569213 | 14.12 | 26.9562 | 6.02358796 | 13.65 | 24.1099 |
| 5.69025463 | 14.25 | 30.0226 | 5.85703704 | 14.09 | 26.773 | 6.0237037 | 13.65 | 24.1454 |
| 5.69037037 | 14.25 | 30.0568 | 5.85715278 | 14.09 | 26.8207 | 6.02381944 | 13.63 | 24.1386 |
| 5.69048611 | 14.24 | 30.0891 | 5.85726852 | 14.11 | 26.8788 | 6.02393519 | 13.65 | 24.1908 |
| 5.69060185 | 14.24 | 30.0989 | 5.85738426 | 14.11 | 26.9028 | 6.02405093 | 13.66 | 24.3576 |
| 5.69071759 | 14.24 | 30.0891 | 5.8575 | 14.11 | 26.9269 | 6.02416667 | 13.66 | 24.1683 |
| 5.69083333 | 14.25 | 30.0568 | 5.85761574 | 14.09 | 26.8447 | 6.02428241 | 13.65 | 24.126 |
| 5.69094907 | 14.25 | 30.0519 | 5.85773148 | 14.09 | 26.7929 | 6.02439815 | 13.65 | 24.1422 |
| 5.69106482 | 14.24 | 30.0842 | 5.85784722 | 14.09 | 26.7929 | 6.02451389 | 13.66 | 24.1424 |
| 5.69118056 | 14.25 | 30.0519 | 5.85796296 | 14.11 | 26.9149 | 6.02462963 | 13.65 | 24.1681 |
| 5.6912963 | 14.24 | 30.0744 | 5.8580787 | 14.11 | 26.8628 | 6.02474537 | 13.66 | 24.1521 |
| 5.69141204 | 14.25 | 30.0666 | 5.85819444 | 14.11 | 26.8508 | 6.02486111 | 13.66 | 24.178 |
| 5.69152778 | 14.24 | 30.1136 | 5.85831019 | 14.09 | 26.8367 | 6.02497685 | 13.66 | 24.2007 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69164352 | 14.25 | 30.0519 | 5.85842593 | 14.09 | 26.7611 | 6.02509259 | 13.68 | 24.3779 |
| 5.69175926 | 14.25 | 30.0764 | 5.85854167 | 14.09 | 26.9288 | 6.02520833 | 13.66 | 24.2593 |
| 5.691875 | 14.25 | 30.1058 | 5.85865741 | 14.09 | 26.9529 | 6.02532407 | 13.66 | 24.3313 |
| 5.69199074 | 14.24 | 30.0597 | 5.85877315 | 14.11 | 26.8708 | 6.02543982 | 13.66 | 24.2822 |
| 5.69210648 | 14.24 | 30.0842 | 5.85888889 | 14.09 | 26.8447 | 6.02555556 | 13.68 | 24.2532 |
| 5.69222222 | 14.24 | 30.045 | 5.85900463 | 14.12 | 27.0653 | 6.0256713 | 13.66 | 24.243 |
| 5.69233796 | 14.25 | 30.096 | 5.85912037 | 14.09 | 26.8567 | 6.02578704 | 13.66 | 24.2495 |
| 5.6924537 | 14.25 | 30.0764 | 5.85923611 | 14.09 | 26.8527 | 6.02590278 | 13.66 | 24.2332 |
| 5.69256944 | 14.24 | 30.0842 | 5.85935185 | 14.11 | 26.9631 | 6.02601852 | 13.66 | 24.2072 |
| 5.69268519 | 14.24 | 30.0989 | 5.85946759 | 14.09 | 26.8567 | 6.02613426 | 13.66 | 24.2267 |
| 5.69280093 | 14.25 | 30.0519 | 5.85958333 | 14.09 | 26.8447 | 6.02625 | 13.68 | 24.2272 |
| 5.69291667 | 14.25 | 30.0813 | 5.85969907 | 14.09 | 26.8447 | 6.02636574 | 13.66 | 24.2495 |
| 5.69303241 | 14.24 | 30.0499 | 5.85981482 | 14.09 | 26.8767 | 6.02648148 | 13.66 | 24.2235 |
| 5.69314815 | 14.24 | 30.0108 | 5.85993056 | 14.09 | 26.8887 | 6.02659722 | 13.66 | 24.2332 |
| 5.69326389 | 14.25 | 30.0226 | 5.8600463 | 14.11 | 26.9149 | 6.02671296 | 13.65 | 24.181 |
| 5.69337963 | 14.24 | 30.0108 | 5.86016204 | 14.11 | 26.8988 | 6.0268287 | 13.65 | 24.2168 |
| 5.69349537 | 14.25 | 30.047 | 5.86027778 | 14.11 | 26.947 | 6.02694444 | 13.65 | 24.2168 |
| 5.69361111 | 14.25 | 30.0226 | 5.86039352 | 14.11 | 26.9028 | 6.02706019 | 13.65 | 24.2168 |
| 5.69372685 | 14.24 | 29.9815 | 5.86050926 | 14.11 | 26.8628 | 6.02717593 | 13.65 | 24.2233 |
| 5.69384259 | 14.25 | 29.9787 | 5.860625 | 14.09 | 26.7929 | 6.02729167 | 13.65 | 24.2395 |
| 5.69395833 | 14.25 | 30.0373 | 5.86074074 | 14.09 | 26.7929 | 6.02740741 | 13.66 | 24.2593 |
| 5.69407407 | 14.25 | 29.9884 | 5.86085648 | 14.09 | 26.7174 | 6.02752315 | 13.66 | 24.2398 |
| 5.69418982 | 14.25 | 30.0177 | 5.86097222 | 14.11 | 26.8508 | 6.02763889 | 13.68 | 24.3351 |
| 5.69430556 | 14.25 | 29.9884 | 5.86108796 | 14.11 | 26.9028 | 6.02775463 | 13.69 | 24.4178 |
| 5.6944213 | 14.25 | 29.9495 | 5.8612037 | 14.09 | 26.8847 | 6.02787037 | 13.66 | 24.3906 |
| 5.69453704 | 14.25 | 29.9446 | 5.86131944 | 14.11 | 26.8708 | 6.02798611 | 13.66 | 24.2822 |
| 5.69465278 | 14.24 | 29.9962 | 5.86143519 | 14.11 | 26.8508 | 6.02810185 | 13.65 | 24.295 |
| 5.69476852 | 14.25 | 29.9884 | 5.86155093 | 14.11 | 26.8748 | 6.02821759 | 13.66 | 24.2887 |
| 5.69488426 | 14.25 | 29.9738 | 5.86166667 | 14.09 | 26.8527 | 6.02833333 | 13.68 | 24.2859 |
| 5.695 | 14.25 | 29.9738 | 5.86178241 | 14.11 | 26.8268 | 6.02844907 | 13.66 | 24.3215 |
| 5.69511574 | 14.25 | 29.9689 | 5.86189815 | 14.11 | 26.8588 | 6.02856482 | 13.68 | 24.4274 |
| 5.69523148 | 14.25 | 29.9738 | 5.86201389 | 14.11 | 26.8588 | 6.02868056 | 13.69 | 24.4775 |
| 5.69534722 | 14.25 | 30.0177 | 5.86212963 | 14.09 | 26.7809 | 6.0287963 | 13.68 | 24.3845 |
| 5.69546296 | 14.25 | 29.9689 | 5.86224537 | 14.11 | 26.8069 | 6.02891204 | 13.66 | 24.3576 |
| 5.6955787 | 14.25 | 29.9543 | 5.86236111 | 14.09 | 26.769 | 6.02902778 | 13.68 | 24.368 |
| 5.69569444 | 14.24 | 29.9767 | 5.86247685 | 14.09 | 26.8247 | 6.02914352 | 13.68 | 24.4705 |
| 5.69581019 | 14.25 | 29.9738 | 5.86259259 | 14.09 | 26.7491 | 6.02925926 | 13.69 | 24.4675 |
| 5.69592593 | 14.25 | 29.9397 | 5.86270833 | 14.08 | 26.7244 | 6.029375 | 13.68 | 24.3746 |
| 5.69604167 | 14.25 | 29.9689 | 5.86282407 | 14.08 | 26.7561 | 6.02949074 | 13.66 | 24.4203 |
| 5.69615741 | 14.25 | 29.9689 | 5.86293982 | 14.11 | 26.947 | 6.02960648 | 13.66 | 24.4071 |
| 5.69627315 | 14.25 | 29.9543 | 5.86305556 | 14.14 | 27.1775 | 6.02972222 | 13.66 | 24.4071 |
| 5.69638889 | 14.24 | 29.9475 | 5.8631713 | 14.12 | 27.1263 | 6.02983796 | 13.66 | 24.3972 |
| 5.69650463 | 14.25 | 29.9738 | 5.86328704 | 14.12 | 27.0369 | 6.0299537 | 13.66 | 24.4137 |
| 5.69662037 | 14.24 | 29.9329 | 5.86340278 | 14.12 | 27.0329 | 6.03006944 | 13.66 | 24.3478 |
| 5.69673611 | 14.25 | 29.9154 | 5.86351852 | 14.12 | 27.045 | 6.03018519 | 13.66 | 24.3215 |
| 5.69685185 | 14.25 | 29.93 | 5.86363426 | 14.12 | 27.0207 | 6.03030093 | 13.65 | 24.3377 |
| 5.69696759 | 14.27 | 29.3319 | 5.86375 | 14.12 | 27.0612 | 6.03041667 | 13.66 | 24.3215 |
| 5.69708333 | 14.27 | 29.8177 | 5.86386574 | 14.14 | 27.2554 | 6.03053241 | 13.66 | 24.3543 |
| 5.69719907 | 14.27 | 29.5921 | 5.86398148 | 14.14 | 27.239 | 6.03064815 | 13.65 | 24.3607 |
| 5.69731482 | 14.28 | 27.7459 | 5.86409722 | 14.14 | 27.1204 | 6.03076389 | 13.66 | 24.4137 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69743056 | 14.28 | 28.9622 | 5.86421296 | 14.12 | 27.045 | 6.03087963 | 13.68 | 24.444 |
| 5.6975463 | 14.28 | 28.7749 | 5.8643287 | 14.12 | 27.0897 | 6.03099537 | 13.68 | 24.4407 |
| 5.69766204 | 14.27 | 28.7778 | 5.86444444 | 14.12 | 27.0491 | 6.03111111 | 13.68 | 24.3581 |
| 5.69777778 | 14.3 | 27.4116 | 5.86456019 | 14.14 | 27.0391 | 6.03122685 | 13.66 | 24.4468 |
| 5.69789352 | 14.3 | 27.8469 | 5.86467593 | 14.12 | 27.0207 | 6.03134259 | 13.68 | 24.4672 |
| 5.69800926 | 14.3 | 27.8255 | 5.86479167 | 14.12 | 26.9562 | 6.03145833 | 13.68 | 24.5171 |
| 5.698125 | 14.28 | 28.6798 | 5.86490741 | 14.12 | 26.8919 | 6.03157407 | 13.7 | 24.5478 |
| 5.69824074 | 14.28 | 28.9576 | 5.86502315 | 14.12 | 26.932 | 6.03168982 | 13.69 | 24.6279 |
| 5.69835648 | 14.28 | 28.7296 | 5.86513889 | 14.11 | 26.9309 | 6.03180556 | 13.7 | 24.5879 |
| 5.69847222 | 14.28 | 28.7431 | 5.86525463 | 14.11 | 26.8508 | 6.0319213 | 13.7 | 24.6653 |
| 5.69858796 | 14.27 | 29.2383 | 5.86537037 | 14.09 | 26.8088 | 6.03203704 | 13.69 | 24.601 |
| 5.6987037 | 14.27 | 29.2103 | 5.86548611 | 14.08 | 26.764 | 6.03215278 | 13.7 | 24.5779 |
| 5.69881944 | 14.27 | 28.9513 | 5.86560185 | 14.08 | 26.6809 | 6.03226852 | 13.69 | 24.4941 |
| 5.69893519 | 14.28 | 28.834 | 5.86571759 | 14.08 | 26.7006 | 6.03238426 | 13.66 | 24.5032 |
| 5.69905093 | 14.27 | 28.6511 | 5.86583333 | 14.07 | 26.7273 | 6.0325 | 13.68 | 24.5238 |
| 5.69916667 | 14.28 | 28.5808 | 5.86594907 | 14.08 | 26.7125 | 6.03261574 | 13.68 | 24.5005 |
| 5.69928241 | 14.27 | 28.7732 | 5.86606482 | 14.08 | 26.7481 | 6.03273148 | 13.66 | 24.4766 |
| 5.69939815 | 14.28 | 29.0681 | 5.86618056 | 14.11 | 26.8708 | 6.03284722 | 13.66 | 24.4534 |
| 5.69951389 | 14.25 | 29.4507 | 5.8662963 | 14.11 | 26.8948 | 6.03296296 | 13.66 | 24.47 |
| 5.69962963 | 14.27 | 29.3131 | 5.86641204 | 14.12 | 26.9642 | 6.0330787 | 13.66 | 24.4534 |
| 5.69974537 | 14.27 | 29.2336 | 5.86652778 | 14.12 | 27.0046 | 6.03319444 | 13.65 | 24.4531 |
| 5.69986111 | 14.25 | 29.3142 | 5.86664352 | 14.12 | 27.1548 | 6.03331019 | 13.65 | 24.4266 |
| 5.69997685 | 14.27 | 29.0479 | 5.86675926 | 14.12 | 27.208 | 6.03342593 | 13.66 | 24.4302 |
| 5.70009259 | 14.27 | 29.1591 | 5.866875 | 14.14 | 27.3379 | 6.03354167 | 13.66 | 24.4633 |
| 5.70020833 | 14.27 | 29.271 | 5.86699074 | 14.15 | 27.3391 | 6.03365741 | 13.66 | 24.47 |
| 5.70032407 | 14.27 | 28.9421 | 5.86710648 | 14.15 | 27.3556 | 6.03377315 | 13.66 | 24.5132 |
| 5.70043982 | 14.3 | 27.5035 | 5.86722222 | 14.15 | 27.3225 | 6.03388889 | 13.66 | 24.4534 |
| 5.70055556 | 14.34 | 24.7959 | 5.86733796 | 14.15 | 27.3473 | 6.03400463 | 13.66 | 24.47 |
| 5.7006713 | 14.34 | 25.7688 | 5.8674537 | 14.14 | 27.2226 | 6.03412037 | 13.66 | 24.5232 |
| 5.70078704 | 14.34 | 25.6502 | 5.86756944 | 14.14 | 27.0716 | 6.03423611 | 13.66 | 24.5032 |
| 5.70090278 | 14.34 | 25.0405 | 5.86768519 | 14.14 | 27.198 | 6.03435185 | 13.66 | 24.5299 |
| 5.70101852 | 14.35 | 24.8 | 5.86780093 | 14.15 | 27.3019 | 6.03446759 | 13.66 | 24.5299 |
| 5.70113426 | 14.37 | 24.4053 | 5.86791667 | 14.15 | 27.3598 | 6.03458333 | 13.66 | 24.5099 |
| 5.70125 | 14.38 | 24.3588 | 5.86803241 | 14.15 | 27.3805 | 6.03469907 | 13.68 | 24.5405 |
| 5.70136574 | 14.37 | 24.3182 | 5.86814815 | 14.15 | 27.4012 | 6.03481482 | 13.69 | 24.6886 |
| 5.70148148 | 14.37 | 24.4524 | 5.86826389 | 14.15 | 27.4012 | 6.03493056 | 13.7 | 24.689 |
| 5.70159722 | 14.38 | 24.4866 | 5.86837963 | 14.14 | 27.4041 | 6.0350463 | 13.72 | 24.8736 |
| 5.70171296 | 14.37 | 24.4929 | 5.86849537 | 14.15 | 27.4012 | 6.03516204 | 13.72 | 24.8052 |
| 5.7018287 | 14.38 | 24.3655 | 5.86861111 | 14.15 | 27.4553 | 6.03527778 | 13.72 | 24.8633 |
| 5.70194444 | 14.38 | 24.3822 | 5.86872685 | 14.15 | 27.4761 | 6.03539352 | 13.73 | 24.8809 |
| 5.70206019 | 14.38 | 24.0056 | 5.86884259 | 14.15 | 27.4886 | 6.03550926 | 13.73 | 24.8397 |
| 5.70217593 | 14.37 | 24.064 | 5.86895833 | 14.15 | 27.497 | 6.035625 | 13.72 | 24.7507 |
| 5.70229167 | 14.4 | 23.6976 | 5.86907407 | 14.17 | 27.5037 | 6.03574074 | 13.69 | 24.5943 |
| 5.70240741 | 14.37 | 24.7492 | 5.86918982 | 14.15 | 27.5095 | 6.03585648 | 13.66 | 24.6135 |
| 5.70252315 | 14.38 | 24.2322 | 5.86930556 | 14.15 | 27.4303 | 6.03597222 | 13.68 | 24.5739 |
| 5.70263889 | 14.37 | 24.7388 | 5.8694213 | 14.15 | 27.4261 | 6.03608796 | 13.68 | 24.5639 |
| 5.70275463 | 14.35 | 24.8798 | 5.86953704 | 14.15 | 27.3929 | 6.0362037 | 13.66 | 24.58 |
| 5.70287037 | 14.35 | 24.9532 | 5.86965278 | 14.15 | 27.3267 | 6.03631944 | 13.68 | 24.5371 |
| 5.70298611 | 14.37 | 24.7492 | 5.86976852 | 14.14 | 27.2021 | 6.03643519 | 13.65 | 24.4664 |
| 5.70310185 | 14.37 | 24.537 | 5.86988426 | 14.14 | 27.1898 | 6.03655093 | 13.66 | 24.4866 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70321759 | 14.35 | 24.845 | 5.87 | 14.14 | 27.2678 | 6.03666667 | 13.66 | 24.4866 |
| 5.70333333 | 14.35 | 25.183 | 5.87011574 | 14.14 | 27.2678 | 6.03678241 | 13.65 | 24.4863 |
| 5.70344907 | 14.34 | 25.387 | 5.87023148 | 14.14 | 27.3337 | 6.03689815 | 13.66 | 24.5099 |
| 5.70356482 | 14.35 | 25.3697 | 5.87034722 | 14.14 | 27.3544 | 6.03701389 | 13.66 | 24.5099 |
| 5.70368056 | 14.34 | 25.5107 | 5.87046296 | 14.15 | 27.3722 | 6.03712963 | 13.65 | 24.5096 |
| 5.7037963 | 14.34 | 25.0123 | 5.8705787 | 14.15 | 27.4678 | 6.03724537 | 13.66 | 24.5466 |
| 5.70391204 | 14.34 | 25.7131 | 5.87069444 | 14.15 | 27.6523 | 6.03736111 | 13.66 | 24.5432 |
| 5.70402778 | 14.34 | 25.5876 | 5.87081019 | 14.17 | 27.6128 | 6.03747685 | 13.69 | 24.7021 |
| 5.70414352 | 14.33 | 26.2565 | 5.87092593 | 14.15 | 27.5766 | 6.03759259 | 13.68 | 24.5739 |
| 5.70425926 | 14.33 | 26.6631 | 5.87104167 | 14.17 | 27.6044 | 6.03770833 | 13.68 | 24.5472 |
| 5.704375 | 14.31 | 27.1894 | 5.87115741 | 14.17 | 27.5749 | 6.03782407 | 13.66 | 24.5466 |
| 5.70449074 | 14.31 | 27.4212 | 5.87127315 | 14.17 | 27.617 | 6.03793982 | 13.66 | 24.5532 |
| 5.70460648 | 14.3 | 28.2639 | 5.87138889 | 14.17 | 27.6465 | 6.03805556 | 13.65 | 24.5329 |
| 5.70472222 | 14.28 | 28.5673 | 5.87150463 | 14.17 | 27.5917 | 6.0381713 | 13.65 | 24.5596 |
| 5.70483796 | 14.3 | 28.1586 | 5.87162037 | 14.17 | 27.6212 | 6.03828704 | 13.66 | 24.5265 |
| 5.7049537 | 14.3 | 27.9847 | 5.87173611 | 14.17 | 27.6212 | 6.03840278 | 13.66 | 24.5532 |
| 5.70506944 | 14.34 | 25.1966 | 5.87185185 | 14.17 | 27.6634 | 6.03851852 | 13.66 | 24.5867 |
| 5.70518519 | 14.31 | 28.0598 | 5.87196759 | 14.17 | 27.6888 | 6.03863426 | 13.69 | 24.7734 |
| 5.70530093 | 14.3 | 28.3699 | 5.87208333 | 14.17 | 27.7821 | 6.03875 | 13.72 | 24.9218 |
| 5.70541667 | 14.3 | 28.3345 | 5.87219907 | 14.18 | 27.9505 | 6.03886574 | 13.73 | 25.019 |
| 5.70553241 | 14.3 | 28.028 | 5.87231482 | 14.17 | 27.9491 | 6.03898148 | 13.75 | 25.1105 |
| 5.70564815 | 14.33 | 26.9756 | 5.87243056 | 14.17 | 27.9233 | 6.03909722 | 13.73 | 24.9601 |
| 5.70576389 | 14.33 | 25.6457 | 5.8725463 | 14.17 | 27.6634 | 6.03921296 | 13.7 | 24.7874 |
| 5.70587963 | 14.34 | 26.2806 | 5.87266204 | 14.15 | 27.4761 | 6.0393287 | 13.69 | 24.665 |
| 5.70599537 | 14.34 | 26.127 | 5.87277778 | 14.15 | 27.4428 | 6.03944444 | 13.68 | 24.6142 |
| 5.70611111 | 14.34 | 26.0356 | 5.87289352 | 14.17 | 27.6338 | 6.03956019 | 13.65 | 24.5563 |
| 5.70622685 | 14.33 | 26.8667 | 5.87300926 | 14.17 | 27.7779 | 6.03967593 | 13.65 | 24.5329 |
| 5.70634259 | 14.33 | 26.431 | 5.873125 | 14.17 | 27.829 | 6.03979167 | 13.65 | 24.5329 |
| 5.70645833 | 14.34 | 25.3077 | 5.87324074 | 14.17 | 27.8633 | 6.03990741 | 13.65 | 24.5396 |
| 5.70657407 | 14.31 | 27.2759 | 5.87335648 | 14.17 | 27.889 | 6.04002315 | 13.63 | 24.5457 |
| 5.70668982 | 14.31 | 27.4504 | 5.87347222 | 14.17 | 27.8205 | 6.04013889 | 13.65 | 24.5596 |
| 5.70680556 | 14.31 | 27.5889 | 5.87358796 | 14.17 | 27.7566 | 6.04025463 | 13.65 | 24.5897 |
| 5.7069213 | 14.3 | 27.6256 | 5.8737037 | 14.17 | 27.7439 | 6.04037037 | 13.65 | 24.573 |
| 5.70703704 | 14.31 | 27.3712 | 5.87381944 | 14.17 | 27.7269 | 6.04048611 | 13.65 | 24.5429 |
| 5.70715278 | 14.31 | 27.4462 | 5.87393519 | 14.17 | 27.7354 | 6.04060185 | 13.65 | 24.5329 |
| 5.70726852 | 14.31 | 27.7415 | 5.87405093 | 14.17 | 27.7566 | 6.04071759 | 13.63 | 24.529 |
| 5.70738426 | 14.3 | 27.5413 | 5.87416667 | 14.17 | 27.7694 | 6.04083333 | 13.68 | 24.6984 |
| 5.7075 | 14.31 | 27.132 | 5.87428241 | 14.17 | 27.7566 | 6.04094907 | 13.69 | 24.9412 |
| 5.70761574 | 14.31 | 27.1525 | 5.87439815 | 14.17 | 27.7566 | 6.04106482 | 13.68 | 24.7492 |
| 5.70773148 | 14.31 | 27.338 | 5.87451389 | 14.17 | 27.7779 | 6.04118056 | 13.7 | 24.866 |
| 5.70784722 | 14.31 | 26.7603 | 5.87462963 | 14.17 | 27.7821 | 6.0412963 | 13.73 | 25.019 |
| 5.70796296 | 14.31 | 27.3837 | 5.87474537 | 14.17 | 27.7736 | 6.04141204 | 13.73 | 25.0607 |
| 5.7080787 | 14.33 | 26.3726 | 5.87486111 | 14.17 | 27.6888 | 6.04152778 | 13.76 | 25.1846 |
| 5.70819444 | 14.35 | 24.6862 | 5.87497685 | 14.15 | 27.6018 | 6.04164352 | 13.75 | 25.1 |
| 5.70831019 | 14.38 | 23.0308 | 5.87509259 | 14.15 | 27.5263 | 6.04175926 | 13.73 | 25.0294 |
| 5.70842593 | 14.4 | 22.3016 | 5.87520833 | 14.14 | 27.3917 | 6.041875 | 13.72 | 24.8531 |
| 5.70854167 | 14.4 | 22.5606 | 5.87532407 | 14.12 | 27.1916 | 6.04199074 | 13.7 | 24.7704 |
| 5.70865741 | 14.35 | 25.3119 | 5.87543982 | 14.12 | 27.2121 | 6.04210648 | 13.72 | 24.9804 |
| 5.70877315 | 14.35 | 24.7206 | 5.87555556 | 14.14 | 27.3379 | 6.04222222 | 13.73 | 24.9774 |
| 5.70888889 | 14.38 | 22.7552 | 5.8756713 | 14.15 | 27.4054 | 6.04233796 | 13.72 | 24.8805 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70900463 | 14.4 | 22.5089 | 5.87578704 | 14.15 | 27.3971 | 6.0424537 | 13.69 | 24.7938 |
| 5.70912037 | 14.4 | 22.3665 | 5.87590278 | 14.14 | 27.3627 | 6.04256944 | 13.68 | 24.6478 |
| 5.70923611 | 14.4 | 22.6183 | 5.87601852 | 14.14 | 27.1939 | 6.04268519 | 13.68 | 24.6646 |
| 5.70935185 | 14.34 | 25.7614 | 5.87613426 | 14.14 | 27.2308 | 6.04280093 | 13.66 | 24.5599 |
| 5.70946759 | 14.4 | 22.409 | 5.87625 | 14.14 | 27.2472 | 6.04291667 | 13.65 | 24.5596 |
| 5.70958333 | 14.4 | 22.7875 | 5.87636574 | 14.14 | 27.2513 | 6.04303241 | 13.65 | 24.5496 |
| 5.70969907 | 14.38 | 23.5082 | 5.87648148 | 14.15 | 27.2772 | 6.04314815 | 13.65 | 24.6099 |
| 5.70981482 | 14.33 | 26.58 | 5.87659722 | 14.15 | 27.3267 | 6.04326389 | 13.65 | 24.583 |
| 5.70993056 | 14.34 | 24.8967 | 5.87671296 | 14.15 | 27.4469 | 6.04337963 | 13.65 | 24.573 |
| 5.7100463 | 14.37 | 23.4395 | 5.8768287 | 14.17 | 27.4453 | 6.04349537 | 13.63 | 24.6025 |
| 5.71016204 | 14.35 | 24.5462 | 5.87694444 | 14.15 | 27.4012 | 6.04361111 | 13.65 | 24.5931 |
| 5.71027778 | 14.37 | 24.8253 | 5.87706019 | 14.15 | 27.4511 | 6.04372685 | 13.65 | 24.667 |
| 5.71039352 | 14.33 | 26.0804 | 5.87717593 | 14.17 | 27.4411 | 6.04384259 | 13.65 | 24.6334 |
| 5.71050926 | 14.35 | 24.6519 | 5.87729167 | 14.17 | 27.4661 | 6.04395833 | 13.66 | 24.6606 |
| 5.710625 | 14.38 | 23.7544 | 5.87740741 | 14.17 | 27.5079 | 6.04407407 | 13.66 | 24.718 |
| 5.71074074 | 14.34 | 25.4669 | 5.87752315 | 14.17 | 27.5665 | 6.04418982 | 13.66 | 24.7045 |
| 5.71085648 | 14.34 | 25.2323 | 5.87763889 | 14.17 | 27.7057 | 6.04430556 | 13.66 | 24.735 |
| 5.71097222 | 14.34 | 26.2036 | 5.87775463 | 14.17 | 27.6423 | 6.0444213 | 13.66 | 24.6606 |
| 5.71108796 | 14.33 | 26.272 | 5.87787037 | 14.15 | 27.2731 | 6.04453704 | 13.66 | 24.6606 |
| 5.7112037 | 14.3 | 27.5581 | 5.87798611 | 14.17 | 27.4494 | 6.04465278 | 13.65 | 24.7008 |
| 5.71131944 | 14.31 | 27.0912 | 5.87810185 | 14.18 | 27.8176 | 6.04476852 | 13.66 | 24.718 |
| 5.71143519 | 14.31 | 26.9127 | 5.87821759 | 14.18 | 27.741 | 6.04488426 | 13.66 | 24.7045 |
| 5.71155093 | 14.33 | 25.9478 | 5.87833333 | 14.17 | 27.6086 | 6.045 | 13.68 | 24.8789 |
| 5.71166667 | 14.3 | 27.5413 | 5.87844907 | 14.17 | 27.5581 | 6.04511574 | 13.72 | 25.0568 |
| 5.71178241 | 14.31 | 26.7603 | 5.87856482 | 14.12 | 27.1671 | 6.04523148 | 13.69 | 24.77 |
| 5.71189815 | 14.33 | 26.3416 | 5.87868056 | 14.15 | 27.3805 | 6.04534722 | 13.68 | 24.756 |
| 5.71201389 | 14.31 | 27.3587 | 5.8787963 | 14.17 | 27.6381 | 6.04546296 | 13.68 | 24.7662 |
| 5.71212963 | 14.34 | 25.2252 | 5.87891204 | 14.14 | 27.4957 | 6.0455787 | 13.69 | 24.869 |
| 5.71224537 | 14.34 | 25.0617 | 5.87902778 | 14.14 | 27.3751 | 6.04569444 | 13.73 | 24.9567 |
| 5.71236111 | 14.31 | 26.8484 | 5.87914352 | 14.14 | 27.4749 | 6.04581019 | 13.7 | 24.8181 |
| 5.71247685 | 14.35 | 24.7378 | 5.87925926 | 14.11 | 27.2601 | 6.04592593 | 13.68 | 24.8003 |
| 5.71259259 | 14.31 | 27.665 | 5.879375 | 14.14 | 27.4208 | 6.04604167 | 13.68 | 24.7425 |
| 5.71270833 | 14.34 | 24.8167 | 5.87949074 | 14.08 | 27.0042 | 6.04615741 | 13.66 | 24.7011 |
| 5.71282407 | 14.33 | 26.149 | 5.87960648 | 14.08 | 26.7521 | 6.04627315 | 13.65 | 24.6637 |
| 5.71293982 | 14.33 | 25.1674 | 5.87972222 | 14.07 | 26.763 | 6.04638889 | 13.65 | 24.667 |
| 5.71305556 | 14.34 | 25.2323 | 5.87983796 | 14.08 | 27.069 | 6.04650463 | 13.65 | 24.667 |
| 5.7131713 | 14.34 | 24.5118 | 5.8799537 | 14.11 | 27.2478 | 6.04662037 | 13.65 | 24.6569 |
| 5.71328704 | 14.35 | 23.9559 | 5.88006944 | 14.01 | 25.9368 | 6.04673611 | 13.65 | 24.6502 |
| 5.71340278 | 14.31 | 27.5468 | 5.88018519 | 13.99 | 25.6723 | 6.04685185 | 13.65 | 24.6233 |
| 5.71351852 | 14.33 | 26.4505 | 5.88030093 | 13.98 | 25.8043 | 6.04696759 | 13.65 | 24.6738 |
| 5.71363426 | 14.34 | 25.2645 | 5.88041667 | 13.99 | 25.9689 | 6.04708333 | 13.65 | 24.667 |
| 5.71375 | 14.33 | 26.4466 | 5.88053241 | 14.01 | 25.9855 | 6.04719907 | 13.63 | 24.6361 |
| 5.71386574 | 14.33 | 26.4545 | 5.88064815 | 14.05 | 26.6306 | 6.04731482 | 13.65 | 24.6401 |
| 5.71398148 | 14.35 | 24.0698 | 5.88076389 | 14.09 | 27.1107 | 6.04743056 | 13.63 | 24.6193 |
| 5.71409722 | 14.35 | 23.9042 | 5.88087963 | 14.09 | 27.0985 | 6.0475463 | 13.65 | 24.6065 |
| 5.71421296 | 14.37 | 24.0183 | 5.88099537 | 14.08 | 27.1543 | 6.04766204 | 13.65 | 24.6334 |
| 5.7143287 | 14.34 | 25.8959 | 5.88111111 | 14.12 | 27.556 | 6.04777778 | 13.65 | 24.6334 |
| 5.71444444 | 14.34 | 26.2459 | 5.88122685 | 14.12 | 27.556 | 6.04789352 | 13.63 | 24.6361 |
| 5.71456019 | 14.34 | 26.3892 | 5.88134259 | 14.14 | 27.6511 | 6.04800926 | 13.63 | 24.6193 |
| 5.71467593 | 14.34 | 25.6281 | 5.88145833 | 14.17 | 27.8333 | 6.048125 | 13.63 | 24.6193 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71479167 | 14.33 | 24.8196 | 5.88157407 | 14.17 | 27.8248 | 6.04824074 | 13.65 | 24.6099 |
| 5.71490741 | 14.34 | 25.5436 | 5.88168982 | 14.17 | 27.812 | 6.04835648 | 13.63 | 24.6193 |
| 5.71502315 | 14.37 | 24.5642 | 5.88180556 | 14.17 | 27.9018 | 6.04847222 | 13.65 | 24.6233 |
| 5.71513889 | 14.34 | 26.4946 | 5.8819213 | 14.17 | 27.9061 | 6.04858796 | 13.65 | 24.6334 |
| 5.71525463 | 14.31 | 27.6227 | 5.88203704 | 14.17 | 27.7821 | 6.0487037 | 13.65 | 24.6166 |
| 5.71537037 | 14.34 | 25.7168 | 5.88215278 | 14.15 | 27.754 | 6.04881944 | 13.65 | 24.6166 |
| 5.71548611 | 14.33 | 25.2531 | 5.88226852 | 14.15 | 27.6692 | 6.04893519 | 13.65 | 24.6166 |
| 5.71560185 | 14.34 | 24.9772 | 5.88238426 | 14.14 | 27.6005 | 6.04905093 | 13.65 | 24.6166 |
| 5.71571759 | 14.38 | 23.9926 | 5.8825 | 14.14 | 27.6384 | 6.04916667 | 13.65 | 24.5897 |
| 5.71583333 | 14.33 | 26.431 | 5.88261574 | 14.14 | 27.5795 | 6.04928241 | 13.65 | 24.6334 |
| 5.71594907 | 14.37 | 23.8823 | 5.88273148 | 14.11 | 27.4129 | 6.04939815 | 13.65 | 24.6334 |
| 5.71606482 | 14.37 | 24.3717 | 5.88284722 | 14.09 | 27.3154 | 6.04951389 | 13.65 | 24.6233 |
| 5.71618056 | 14.34 | 24.9176 | 5.88296296 | 14.11 | 27.3095 | 6.04962963 | 13.63 | 24.6193 |
| 5.7162963 | 14.37 | 24.8392 | 5.8830787 | 14.11 | 27.4005 | 6.04974537 | 13.63 | 24.6294 |
| 5.71641204 | 14.34 | 25.5582 | 5.88319444 | 14.11 | 27.3839 | 6.04986111 | 13.65 | 24.6334 |
| 5.71652778 | 14.34 | 25.8509 | 5.88331019 | 14.12 | 27.3685 | 6.04997685 | 13.65 | 24.6401 |
| 5.71664352 | 14.34 | 26.1576 | 5.88342593 | 14.12 | 27.3561 | 6.05009259 | 13.65 | 24.6334 |
| 5.71675926 | 14.33 | 26.4505 | 5.88354167 | 14.11 | 27.3549 | 6.05020833 | 13.63 | 24.6092 |
| 5.716875 | 14.33 | 26.521 | 5.88365741 | 14.09 | 27.0134 | 6.05032407 | 13.63 | 24.6193 |
| 5.71699074 | 14.33 | 26.4193 | 5.88377315 | 14.02 | 25.7075 | 6.05043982 | 13.63 | 24.626 |
| 5.71710648 | 14.31 | 27.9515 | 5.88388889 | 13.99 | 25.4504 | 6.05055556 | 13.63 | 24.6361 |
| 5.71722222 | 14.31 | 27.8226 | 5.88400463 | 13.94 | 24.6268 | 6.0506713 | 13.62 | 24.6358 |
| 5.71733796 | 14.3 | 27.8126 | 5.88412037 | 13.94 | 24.3291 | 6.05078704 | 13.63 | 24.6193 |
| 5.7174537 | 14.3 | 28.2024 | 5.88423611 | 13.96 | 24.9845 | 6.05090278 | 13.63 | 24.6092 |
| 5.71756944 | 14.31 | 27.6989 | 5.88435185 | 14.05 | 26.8485 | 6.05101852 | 13.63 | 24.6092 |
| 5.71768519 | 14.31 | 27.6016 | 5.88446759 | 14.08 | 27.1136 | 6.05113426 | 13.63 | 24.6025 |
| 5.71780093 | 14.33 | 26.3222 | 5.88458333 | 14.04 | 25.9017 | 6.05125 | 13.65 | 24.5964 |
| 5.71791667 | 14.34 | 26.2305 | 5.88469907 | 14.09 | 27.3402 | 6.05136574 | 13.63 | 24.6361 |
| 5.71803241 | 14.31 | 27.5216 | 5.88481482 | 14.11 | 27.4712 | 6.05148148 | 13.62 | 24.6257 |
| 5.71814815 | 14.34 | 25.7279 | 5.88493056 | 14.11 | 27.2848 | 6.05159722 | 13.63 | 24.6294 |
| 5.71826389 | 14.33 | 27.499 | 5.8850463 | 14.11 | 27.4628 | 6.05171296 | 13.63 | 24.6025 |
| 5.71837963 | 14.33 | 25.9252 | 5.88516204 | 14.11 | 27.2642 | 6.0518287 | 13.62 | 24.5989 |
| 5.71849537 | 14.34 | 26.2806 | 5.88527778 | 14.12 | 27.4807 | 6.05194444 | 13.63 | 24.5958 |
| 5.71861111 | 14.31 | 28.367 | 5.88539352 | 14.12 | 27.2942 | 6.05206019 | 13.63 | 24.5758 |
| 5.71872685 | 14.33 | 27.6 | 5.88550926 | 14.12 | 27.3851 | 6.05217593 | 13.62 | 24.6123 |
| 5.71884259 | 14.34 | 26.0167 | 5.885625 | 14.11 | 27.2725 | 6.05229167 | 13.62 | 24.5755 |
| 5.71895833 | 14.35 | 25.087 | 5.88574074 | 14.14 | 27.5041 | 6.05240741 | 13.63 | 24.5858 |
| 5.71907407 | 14.4 | 25.6697 | 5.88585648 | 14.14 | 27.5041 | 6.05252315 | 13.62 | 24.5855 |
| 5.71918982 | 14.4 | 27.5671 | 5.88597222 | 14.14 | 27.6089 | 6.05263889 | 13.62 | 24.5821 |
| 5.71930556 | 14.4 | 24.19 | 5.88608796 | 14.15 | 27.7243 | 6.05275463 | 13.6 | 24.605 |
| 5.7194213 | 14.38 | 27.7511 | 5.8862037 | 14.14 | 27.6426 | 6.05287037 | 13.62 | 24.5654 |
| 5.71953704 | 14.35 | 28.3068 | 5.88631944 | 14.15 | 27.7073 | 6.05298611 | 13.62 | 24.5587 |
| 5.71965278 | 14.34 | 28.3983 | 5.88643519 | 14.14 | 27.6764 | 6.05310185 | 13.62 | 24.5755 |
| 5.71976852 | 14.34 | 28.6129 | 5.88655093 | 14.14 | 27.7229 | 6.05321759 | 13.6 | 24.5816 |
| 5.71988426 | 14.34 | 28.744 | 5.88666667 | 14.15 | 27.7243 | 6.05333333 | 13.62 | 24.5755 |
| 5.72 | 14.31 | 28.9535 | 5.88678241 | 14.14 | 27.7314 | 6.05344907 | 13.62 | 24.5654 |
| 5.72011574 | 14.33 | 29.0214 | 5.88689815 | 14.17 | 27.7184 | 6.05356482 | 13.6 | 24.5448 |
| 5.72023148 | 14.31 | 28.9122 | 5.88701389 | 14.15 | 27.6819 | 6.05368056 | 13.6 | 24.5382 |
| 5.72034722 | 14.35 | 26.9982 | 5.88712963 | 14.14 | 27.6637 | 6.0537963 | 13.62 | 24.5487 |
| 5.72046296 | 14.4 | 26.0106 | 5.88724537 | 14.15 | 27.7031 | 6.05391204 | 13.62 | 24.5321 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7205787 | 14.4 | 26.7183 | 5.88736111 | 14.14 | 27.7102 | 6.05402778 | 13.6 | 24.5515 |
| 5.72069444 | 14.4 | 26.6587 | 5.88747685 | 14.15 | 27.7497 | 6.05414352 | 13.6 | 24.5515 |
| 5.72081019 | 14.41 | 26.3378 | 5.88759259 | 14.17 | 27.7057 | 6.05425926 | 13.62 | 24.5587 |
| 5.72092593 | 14.4 | 27.7112 | 5.88770833 | 14.15 | 27.7158 | 6.054375 | 13.6 | 24.5649 |
| 5.72104167 | 14.4 | 26.1785 | 5.88782407 | 14.14 | 27.5753 | 6.05449074 | 13.6 | 24.5715 |
| 5.72115741 | 14.4 | 24.9597 | 5.88793982 | 14.12 | 27.1916 | 6.05460648 | 13.62 | 24.5421 |
| 5.72127315 | 14.4 | 25.5408 | 5.88805556 | 14.14 | 27.4249 | 6.05472222 | 13.6 | 24.5515 |
| 5.72138889 | 14.41 | 26.912 | 5.8881713 | 14.02 | 26.2439 | 6.05483796 | 13.62 | 24.5487 |
| 5.72150463 | 14.4 | 27.3618 | 5.88828704 | 14.04 | 25.9541 | 6.0549537 | 13.6 | 24.5615 |
| 5.72162037 | 14.41 | 25.4684 | 5.88840278 | 14.12 | 27.4349 | 6.05506944 | 13.62 | 24.5387 |
| 5.72173611 | 14.4 | 28.5732 | 5.88851852 | 14.14 | 27.4166 | 6.05518519 | 13.6 | 24.5515 |
| 5.72185185 | 14.4 | 23.0069 | 5.88863426 | 14.02 | 25.6634 | 6.05530093 | 13.6 | 24.5615 |
| 5.72196759 | 14.4 | 26.5716 | 5.88875 | 14.04 | 25.8756 | 6.05541667 | 13.62 | 24.5154 |
| 5.72208333 | 14.4 | 26.1058 | 5.88886574 | 14.11 | 27.2519 | 6.05553241 | 13.6 | 24.5382 |
| 5.72219907 | 14.4 | 21.4369 | 5.88898148 | 13.99 | 24.2977 | 6.05564815 | 13.62 | 24.5421 |
| 5.72231482 | 14.4 | 21.0073 | 5.88909722 | 14.08 | 27.2115 | 6.05576389 | 13.62 | 24.5421 |
| 5.72243056 | 14.4 | 20.9825 | 5.88921296 | 14.12 | 27.51 | 6.05587963 | 13.62 | 24.5387 |
| 5.7225463 | 14.4 | 25.6993 | 5.8893287 | 14.14 | 27.5795 | 6.05599537 | 13.62 | 24.5387 |
| 5.72266204 | 14.4 | 23.1273 | 5.88944444 | 14.14 | 27.6764 | 6.05611111 | 13.63 | 24.559 |
| 5.72277778 | 14.4 | 21.0049 | 5.88956019 | 14.14 | 27.6384 | 6.05622685 | 13.62 | 24.5654 |
| 5.72289352 | 14.4 | 20.975 | 5.88967593 | 14.14 | 27.4874 | 6.05634259 | 13.62 | 24.5587 |
| 5.72300926 | 14.4 | 20.8419 | 5.88979167 | 14.12 | 27.5812 | 6.05645833 | 13.62 | 24.5487 |
| 5.723125 | 14.4 | 20.4859 | 5.88990741 | 14.14 | 27.5879 | 6.05657407 | 13.6 | 24.5715 |
| 5.72324074 | 14.4 | 20.6359 | 5.89002315 | 14.15 | 27.6692 | 6.05668982 | 13.62 | 24.5221 |
| 5.72335648 | 14.4 | 20.5025 | 5.89013889 | 14.14 | 27.6384 | 6.05680556 | 13.62 | 24.5387 |
| 5.72347222 | 14.4 | 20.4223 | 5.89025463 | 14.12 | 27.556 | 6.0569213 | 13.62 | 24.5321 |
| 5.72358796 | 14.4 | 20.3755 | 5.89037037 | 14.12 | 27.5686 | 6.05703704 | 13.62 | 24.5321 |
| 5.7237037 | 14.4 | 21.3748 | 5.89048611 | 14.12 | 27.5602 | 6.05715278 | 13.62 | 24.5387 |
| 5.72381944 | 14.4 | 22.811 | 5.89060185 | 14.11 | 27.5757 | 6.05726852 | 13.62 | 24.5487 |
| 5.72393519 | 14.4 | 21.1099 | 5.89071759 | 14.12 | 27.6274 | 6.05738426 | 13.62 | 24.5487 |
| 5.72405093 | 14.4 | 20.9428 | 5.89083333 | 14.12 | 27.6232 | 6.0575 | 13.62 | 24.5321 |
| 5.72416667 | 14.35 | 26.5427 | 5.89094907 | 14.14 | 27.5921 | 6.05761574 | 13.6 | 24.5348 |
| 5.72428241 | 14.4 | 21.8416 | 5.89106482 | 14.12 | 27.5476 | 6.05773148 | 13.62 | 24.5421 |
| 5.72439815 | 14.4 | 21.7504 | 5.89118056 | 14.11 | 27.4337 | 6.05784722 | 13.63 | 24.5858 |
| 5.72451389 | 14.34 | 24.5288 | 5.8912963 | 14.12 | 27.3355 | 6.05796296 | 13.62 | 24.6224 |
| 5.72462963 | 14.34 | 27.5929 | 5.89141204 | 14.11 | 27.3425 | 6.0580787 | 13.63 | 24.5758 |
| 5.72474537 | 14.33 | 27.8296 | 5.89152778 | 14.09 | 27.3815 | 6.05819444 | 13.62 | 24.5487 |
| 5.72486111 | 14.34 | 25.3726 | 5.89164352 | 14.11 | 27.4545 | 6.05831019 | 13.62 | 24.5587 |
| 5.72497685 | 14.38 | 22.33 | 5.89175926 | 14.09 | 27.4188 | 6.05842593 | 13.62 | 24.5387 |
| 5.72509259 | 14.4 | 22.2707 | 5.891875 | 14.07 | 26.7988 | 6.05854167 | 13.63 | 24.5423 |
| 5.72520833 | 14.38 | 22.953 | 5.89199074 | 14.09 | 27.5397 | 6.05865741 | 13.63 | 24.5323 |
| 5.72532407 | 14.38 | 23.1423 | 5.89210648 | 14.08 | 27.2977 | 6.05877315 | 13.63 | 24.5524 |
| 5.72543982 | 14.4 | 21.6307 | 5.89222222 | 14.08 | 26.9398 | 6.05888889 | 13.63 | 24.5257 |
| 5.72555556 | 14.4 | 21.737 | 5.89233796 | 14.07 | 26.8546 | 6.05900463 | 13.63 | 24.5257 |
| 5.7256713 | 14.4 | 22.5118 | 5.8924537 | 14.11 | 27.3425 | 6.05912037 | 13.62 | 24.5454 |
| 5.72578704 | 14.4 | 20.8004 | 5.89256944 | 13.98 | 24.581 | 6.05923611 | 13.62 | 24.5654 |
| 5.72590278 | 14.4 | 20.5072 | 5.89268519 | 14.02 | 26.1525 | 6.05935185 | 13.63 | 24.5257 |
| 5.72601852 | 14.41 | 20.5661 | 5.89280093 | 14.09 | 27.3815 | 6.05946759 | 13.63 | 24.549 |
| 5.72613426 | 14.4 | 20.5072 | 5.89291667 | 14.12 | 27.5016 | 6.05958333 | 13.63 | 24.5323 |
| 5.72625 | 14.4 | 20.1629 | 5.89303241 | 14.14 | 27.6637 | 6.05969907 | 13.63 | 24.5423 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72636574 | 14.4 | 20.0742 | 5.89314815 | 14.12 | 27.6274 | 6.05981482 | 13.65 | 24.6637 |
| 5.72648148 | 14.4 | 19.9773 | 5.89326389 | 14.09 | 26.8687 | 6.05993056 | 13.66 | 24.7248 |
| 5.72659722 | 14.4 | 20.1744 | 5.89337963 | 14.09 | 27.3939 | 6.0600463 | 13.69 | 24.893 |
| 5.72671296 | 14.4 | 20.1196 | 5.89349537 | 14.09 | 27.2948 | 6.06016204 | 13.69 | 24.7292 |
| 5.7268287 | 14.4 | 20.1583 | 5.89361111 | 14.09 | 27.4022 | 6.06027778 | 13.66 | 24.6371 |
| 5.72694444 | 14.4 | 22.1535 | 5.89372685 | 14.08 | 27.0487 | 6.06039352 | 13.68 | 24.831 |
| 5.72706019 | 14.4 | 23.1092 | 5.89384259 | 14.05 | 26.8485 | 6.06050926 | 13.69 | 24.893 |
| 5.72717593 | 14.4 | 20.4788 | 5.89395833 | 14.04 | 26.7877 | 6.060625 | 13.66 | 24.6741 |
| 5.72729167 | 14.4 | 20.6239 | 5.89407407 | 14.05 | 27.2819 | 6.06074074 | 13.66 | 24.6573 |
| 5.72740741 | 14.4 | 21.2849 | 5.89418982 | 14.05 | 27.2286 | 6.06085648 | 13.63 | 24.626 |
| 5.72752315 | 14.4 | 20.9255 | 5.89430556 | 14.05 | 27.3354 | 6.06097222 | 13.66 | 24.691 |
| 5.72763889 | 14.4 | 20.7178 | 5.8944213 | 14.05 | 27.3025 | 6.06108796 | 13.68 | 24.831 |
| 5.72775463 | 14.4 | 21.9773 | 5.89453704 | 14.05 | 27.414 | 6.0612037 | 13.73 | 25.2748 |
| 5.72787037 | 14.4 | 22.212 | 5.89465278 | 14.05 | 27.3685 | 6.06131944 | 13.7 | 24.7806 |
| 5.72798611 | 14.4 | 21.7023 | 5.89476852 | 14.04 | 27.3797 | 6.06143519 | 13.7 | 25.0246 |
| 5.72810185 | 14.4 | 22.446 | 5.89488426 | 14.04 | 27.3508 | 6.06155093 | 13.68 | 24.7628 |
| 5.72821759 | 14.4 | 21.705 | 5.895 | 14.02 | 27.0867 | 6.06166667 | 13.68 | 24.8447 |
| 5.72833333 | 14.4 | 21.4889 | 5.89511574 | 14.04 | 27.2684 | 6.06178241 | 13.72 | 25.0881 |
| 5.72844907 | 14.4 | 21.7637 | 5.89523148 | 14.04 | 27.1906 | 6.06189815 | 13.72 | 25.1406 |
| 5.72856482 | 14.4 | 21.7905 | 5.89534722 | 14.02 | 27.1965 | 6.06201389 | 13.76 | 25.3545 |
| 5.72868056 | 14.4 | 21.2288 | 5.89546296 | 14.02 | 26.9736 | 6.06212963 | 13.73 | 25.1445 |
| 5.7287963 | 14.4 | 21.4317 | 5.8955787 | 14.04 | 27.1458 | 6.06224537 | 13.73 | 24.9601 |
| 5.72891204 | 14.35 | 23.8656 | 5.89569444 | 14.04 | 27.2111 | 6.06236111 | 13.68 | 24.6512 |
| 5.72902778 | 14.37 | 22.4862 | 5.89581019 | 13.98 | 25.1997 | 6.06247685 | 13.68 | 24.7866 |
| 5.72914352 | 14.4 | 21.1225 | 5.89592593 | 13.94 | 24.0255 | 6.06259259 | 13.7 | 25.0316 |
| 5.72925926 | 14.4 | 21.7317 | 5.89604167 | 13.92 | 23.9544 | 6.06270833 | 13.7 | 24.9209 |
| 5.729375 | 14.38 | 22.7026 | 5.89615741 | 13.92 | 24.0962 | 6.06282407 | 13.7 | 24.9451 |
| 5.72949074 | 14.38 | 22.0929 | 5.89627315 | 13.96 | 24.9637 | 6.06293982 | 13.68 | 24.6849 |
| 5.72960648 | 14.4 | 20.4083 | 5.89638889 | 13.94 | 24.0578 | 6.06305556 | 13.65 | 24.5864 |
| 5.72972222 | 14.4 | 20.2409 | 5.89650463 | 13.94 | 24.0255 | 6.0631713 | 13.65 | 24.7652 |
| 5.72983796 | 14.4 | 20.3802 | 5.89662037 | 13.94 | 23.9676 | 6.06328704 | 13.65 | 24.5931 |
| 5.7299537 | 14.4 | 20.2294 | 5.89673611 | 13.92 | 23.916 | 6.06340278 | 13.65 | 24.6199 |
| 5.73006944 | 14.4 | 20.3522 | 5.89685185 | 13.94 | 23.9356 | 6.06351852 | 13.63 | 24.549 |
| 5.73018519 | 14.4 | 20.3755 | 5.89696759 | 13.94 | 23.942 | 6.06363426 | 13.62 | 24.5387 |
| 5.73030093 | 14.4 | 20.2686 | 5.89708333 | 13.92 | 23.6819 | 6.06375 | 13.63 | 24.5925 |
| 5.73041667 | 14.4 | 20.2248 | 5.89719907 | 13.95 | 23.9198 | 6.06386574 | 13.63 | 24.5557 |
| 5.73053241 | 14.4 | 20.1904 | 5.89731482 | 13.95 | 24.0613 | 6.06398148 | 13.63 | 24.5557 |
| 5.73064815 | 14.4 | 20.2225 | 5.89743056 | 13.94 | 23.3819 | 6.06409722 | 13.62 | 24.5788 |
| 5.73076389 | 14.4 | 20.1629 | 5.8975463 | 13.92 | 23.4615 | 6.06421296 | 13.65 | 24.583 |
| 5.73087963 | 14.4 | 20.1241 | 5.89766204 | 13.94 | 23.8145 | 6.0643287 | 13.65 | 24.6536 |
| 5.73099537 | 14.4 | 20.0425 | 5.89777778 | 13.92 | 23.3452 | 6.06444444 | 13.65 | 24.6367 |
| 5.73111111 | 14.4 | 20.1355 | 5.89789352 | 13.95 | 23.9614 | 6.06456019 | 13.65 | 24.583 |
| 5.73122685 | 14.4 | 20.1082 | 5.89800926 | 13.95 | 24.0097 | 6.06467593 | 13.63 | 24.6327 |
| 5.73134259 | 14.4 | 20.1469 | 5.898125 | 13.95 | 23.8624 | 6.06479167 | 13.66 | 24.7655 |
| 5.73145833 | 14.4 | 20.0697 | 5.89824074 | 13.96 | 23.5949 | 6.06490741 | 13.65 | 24.6266 |
| 5.73157407 | 14.4 | 20.0313 | 5.89835648 | 13.96 | 24.1525 | 6.06502315 | 13.65 | 24.6772 |
| 5.73168982 | 14.4 | 20.0742 | 5.89847222 | 13.98 | 24.1205 | 6.06513889 | 13.65 | 24.667 |
| 5.73180556 | 14.38 | 23.3223 | 5.89858796 | 13.96 | 24.2474 | 6.06525463 | 13.66 | 24.7214 |
| 5.7319213 | 14.4 | 22.87 | 5.8987037 | 13.99 | 25.3821 | 6.06537037 | 13.65 | 24.6839 |
| 5.73203704 | 14.38 | 22.8818 | 5.89881944 | 14.02 | 26.6316 | 6.06548611 | 13.66 | 24.6944 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73215278 | 14.35 | 21.3353 | 5.89893519 | 14.04 | 26.6532 | 6.06560185 | 13.72 | 25.0533 |
| 5.73226852 | 14.38 | 20.601 | 5.89905093 | 14.02 | 26.9615 | 6.06571759 | 13.69 | 24.9861 |
| 5.73238426 | 14.21 | 0.6384 | 5.89916667 | 14.04 | 27.158 | 6.06583333 | 13.66 | 24.7655 |
| 5.7325 | 14.27 | 0.0123 | 5.89928241 | 14.04 | 27.2192 | 6.06594907 | 13.7 | 24.9865 |
| 5.73261574 | 14.38 | 19.7988 | 5.89939815 | 14.04 | 27.2972 | 6.06606482 | 13.82 | 25.7747 |
| 5.73273148 | 14.38 | 19.4789 | 5.89951389 | 14.04 | 27.3508 | 6.06618056 | 13.82 | 25.6173 |
| 5.73284722 | 14.4 | 18.8667 | 5.89962963 | 14.04 | 27.3466 | 6.0662963 | 13.73 | 25.0086 |
| 5.73296296 | 14.38 | 19.8694 | 5.89974537 | 14.04 | 27.2725 | 6.06641204 | 13.68 | 24.7594 |
| 5.7330787 | 14.38 | 17.6705 | 5.89986111 | 14.04 | 27.2438 | 6.06652778 | 13.7 | 24.9003 |
| 5.73319444 | 14.38 | 20.5035 | 5.89997685 | 14.04 | 27.1661 | 6.06664352 | 13.72 | 25.0429 |
| 5.73331019 | 14.38 | 16.4923 | 5.90009259 | 14.02 | 27.3113 | 6.06675926 | 13.68 | 24.8105 |
| 5.73342593 | 14.4 | 16.9777 | 5.90020833 | 14.02 | 27.3113 | 6.066875 | 13.66 | 24.7282 |
| 5.73354167 | 14.4 | 17.7259 | 5.90032407 | 14.02 | 27.2456 | 6.06699074 | 13.65 | 24.6772 |
| 5.73365741 | 14.38 | 20.6681 | 5.90043982 | 14.02 | 27.3443 | 6.06710648 | 13.65 | 24.7042 |
| 5.73377315 | 14.35 | 26.3785 | 5.90055556 | 14.02 | 27.168 | 6.06722222 | 13.66 | 24.8747 |
| 5.73388889 | 14.34 | 27.2342 | 5.9006713 | 14.02 | 27.1151 | 6.06733796 | 13.69 | 24.8896 |
| 5.73400463 | 14.33 | 26.8225 | 5.90078704 | 14.01 | 26.4666 | 6.0674537 | 13.68 | 24.8892 |
| 5.73412037 | 14.38 | 21.5864 | 5.90090278 | 13.98 | 26.0357 | 6.06756944 | 13.69 | 24.8382 |
| 5.73423611 | 14.38 | 23.31 | 5.90101852 | 13.99 | 26.318 | 6.06768519 | 13.65 | 24.7008 |
| 5.73435185 | 14.38 | 22.3526 | 5.90113426 | 13.94 | 24.7799 | 6.06780093 | 13.65 | 24.6772 |
| 5.73446759 | 14.38 | 21.9559 | 5.90125 | 13.88 | 23.2541 | 6.06791667 | 13.65 | 24.7109 |
| 5.73458333 | 14.38 | 23.1908 | 5.90136574 | 13.82 | 21.9918 | 6.06803241 | 13.63 | 24.69 |
| 5.73469907 | 14.38 | 25.0889 | 5.90148148 | 13.79 | 21.6226 | 6.06814815 | 13.63 | 24.717 |
| 5.73481482 | 14.33 | 28.2157 | 5.90159722 | 13.81 | 22.0976 | 6.06826389 | 13.7 | 25.3513 |
| 5.73493056 | 14.34 | 24.8375 | 5.90171296 | 13.82 | 22.4735 | 6.06837963 | 13.7 | 25.2663 |
| 5.7350463 | 14.37 | 24.3216 | 5.9018287 | 13.81 | 21.9224 | 6.06849537 | 13.82 | 25.9898 |
| 5.73516204 | 14.37 | 25.22 | 5.90194444 | 13.82 | 22.2534 | 6.06861111 | 13.81 | 25.6531 |
| 5.73527778 | 14.35 | 25.7957 | 5.90206019 | 13.81 | 21.7341 | 6.06872685 | 13.72 | 25.2284 |
| 5.73539352 | 14.35 | 23.6489 | 5.90217593 | 13.81 | 22.065 | 6.06884259 | 13.7 | 25.0038 |
| 5.73550926 | 14.35 | 26.3824 | 5.90229167 | 13.85 | 23.2994 | 6.06895833 | 13.69 | 24.9412 |
| 5.735625 | 14.34 | 26.3348 | 5.90240741 | 13.85 | 22.7408 | 6.06907407 | 13.7 | 25.1606 |
| 5.73574074 | 14.37 | 22.3076 | 5.90252315 | 13.82 | 21.9972 | 6.06918982 | 13.79 | 25.769 |
| 5.73585648 | 14.38 | 22.7727 | 5.90263889 | 13.85 | 22.7322 | 6.06930556 | 13.82 | 25.6793 |
| 5.73597222 | 14.33 | 27.9242 | 5.90275463 | 13.83 | 22.6521 | 6.0694213 | 13.82 | 25.8855 |
| 5.73608796 | 14.38 | 21.6524 | 5.90287037 | 13.86 | 23.2662 | 6.06953704 | 13.85 | 26.007 |
| 5.7362037 | 14.38 | 22.2653 | 5.90298611 | 13.91 | 24.4777 | 6.06965278 | 13.86 | 26.0904 |
| 5.73631944 | 14.34 | 26.5732 | 5.90310185 | 13.94 | 25.2648 | 6.06976852 | 13.88 | 26.1752 |
| 5.73643519 | 14.38 | 22.1372 | 5.90321759 | 13.96 | 25.9741 | 6.06988426 | 13.86 | 26.1622 |
| 5.73655093 | 14.38 | 22.0571 | 5.90333333 | 13.99 | 26.2567 | 6.07 | 13.89 | 26.3133 |
| 5.73666667 | 14.4 | 19.4944 | 5.90344907 | 13.99 | 26.5075 | 6.07011574 | 13.78 | 25.3485 |
| 5.73678241 | 14.4 | 19.4944 | 5.90356482 | 14.01 | 26.564 | 6.07023148 | 13.81 | 25.7887 |
| 5.73689815 | 14.38 | 19.1367 | 5.90368056 | 13.95 | 25.3582 | 6.07034722 | 13.89 | 26.2827 |
| 5.73701389 | 14.4 | 16.4657 | 5.9037963 | 13.96 | 27.1572 | 6.07046296 | 13.92 | 26.3928 |
| 5.73712963 | 14.37 | 21.6739 | 5.90391204 | 13.96 | 27.2757 | 6.0705787 | 13.88 | 26.1487 |
| 5.73724537 | 14.38 | 22.2737 | 5.90402778 | 13.96 | 27.0721 | 6.07069444 | 13.89 | 26.2292 |
| 5.73736111 | 14.38 | 18.7932 | 5.90414352 | 13.96 | 27.2347 | 6.07081019 | 13.91 | 26.3188 |
| 5.73747685 | 14.37 | 21.0011 | 5.90425926 | 13.96 | 26.7322 | 6.07092593 | 13.92 | 26.3504 |
| 5.73759259 | 14.34 | 26.5496 | 5.904375 | 13.95 | 26.9141 | 6.07104167 | 13.91 | 26.2576 |
| 5.73770833 | 14.34 | 26.2845 | 5.90449074 | 13.95 | 27.1439 | 6.07115741 | 13.88 | 26.1638 |
| 5.73782407 | 14.33 | 26.6116 | 5.90460648 | 13.95 | 27.0791 | 6.07127315 | 13.85 | 25.8728 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73793982 | 14.33 | 28.7514 | 5.90472222 | 13.95 | 27.0669 | 6.07138889 | 13.89 | 26.214 |
| 5.73805556 | 14.34 | 27.3086 | 5.90483796 | 13.95 | 26.8423 | 6.07150463 | 13.91 | 26.3457 |
| 5.7381713 | 14.33 | 28.5037 | 5.9049537 | 13.94 | 26.0891 | 6.07162037 | 13.89 | 26.2254 |
| 5.73828704 | 14.33 | 26.3377 | 5.90506944 | 13.92 | 25.6493 | 6.07173611 | 13.88 | 26.1335 |
| 5.73840278 | 14.33 | 28.0106 | 5.90518519 | 13.89 | 25.1174 | 6.07185185 | 13.86 | 26.0265 |
| 5.73851852 | 14.33 | 27.1959 | 5.90530093 | 13.85 | 23.5257 | 6.07196759 | 13.78 | 25.5785 |
| 5.73863426 | 14.33 | 28.4679 | 5.90541667 | 13.81 | 22.084 | 6.07208333 | 13.81 | 25.7887 |
| 5.73875 | 14.33 | 28.7106 | 5.90553241 | 13.81 | 22.0434 | 6.07219907 | 13.83 | 25.9607 |
| 5.73886574 | 14.33 | 28.8105 | 5.90564815 | 13.82 | 22.2396 | 6.07231482 | 13.85 | 26.022 |
| 5.73898148 | 14.33 | 27.8725 | 5.90576389 | 13.81 | 22.1221 | 6.07243056 | 13.85 | 26.0483 |
| 5.73909722 | 14.33 | 28.8607 | 5.90587963 | 13.79 | 21.9632 | 6.0725463 | 13.85 | 25.9659 |
| 5.73921296 | 14.33 | 28.806 | 5.90599537 | 13.82 | 22.6294 | 6.07266204 | 13.79 | 25.5429 |
| 5.7393287 | 14.33 | 27.6592 | 5.90611111 | 13.79 | 22.0602 | 6.07277778 | 13.73 | 25.2961 |
| 5.73944444 | 14.34 | 27.1479 | 5.90622685 | 13.81 | 21.9438 | 6.07289352 | 13.73 | 25.3245 |
| 5.73956019 | 14.33 | 28.7061 | 5.90634259 | 13.83 | 22.3585 | 6.07300926 | 13.75 | 25.3825 |
| 5.73967593 | 14.33 | 26.431 | 5.90645833 | 13.81 | 21.9572 | 6.073125 | 13.75 | 25.4147 |
| 5.73979167 | 14.33 | 28.9248 | 5.90657407 | 13.83 | 22.695 | 6.07324074 | 13.75 | 25.5189 |
| 5.73990741 | 14.31 | 28.7708 | 5.90668982 | 13.83 | 23.4609 | 6.07335648 | 13.79 | 25.7837 |
| 5.74002315 | 14.33 | 25.9289 | 5.90680556 | 13.85 | 22.9211 | 6.07347222 | 13.85 | 26.0295 |
| 5.74013889 | 14.34 | 25.1148 | 5.9069213 | 13.88 | 25.1133 | 6.07358796 | 13.86 | 26.2268 |
| 5.74025463 | 14.33 | 27.1508 | 5.90703704 | 13.92 | 26.2317 | 6.0737037 | 13.81 | 25.7226 |
| 5.74037037 | 14.38 | 15.472 | 5.90715278 | 13.92 | 26.3966 | 6.07381944 | 13.76 | 25.4942 |
| 5.74048611 | 14.33 | 27.8382 | 5.90726852 | 13.94 | 26.7105 | 6.07393519 | 13.79 | 25.7249 |
| 5.74060185 | 14.38 | 16.9225 | 5.90738426 | 13.94 | 26.5419 | 6.07405093 | 13.86 | 26.2306 |
| 5.74071759 | 14.37 | 18.3125 | 5.9075 | 13.94 | 26.5107 | 6.07416667 | 13.88 | 26.1638 |
| 5.74083333 | 14.4 | 14.7547 | 5.90761574 | 13.94 | 26.8971 | 6.07428241 | 13.91 | 26.4498 |
| 5.74094907 | 14.34 | 27.2672 | 5.90773148 | 13.94 | 27.0255 | 6.07439815 | 13.88 | 26.2475 |
| 5.74106482 | 14.37 | 15.8145 | 5.90784722 | 13.92 | 27.0718 | 6.07451389 | 13.92 | 26.4275 |
| 5.74118056 | 14.35 | 16.3264 | 5.90796296 | 13.92 | 26.9993 | 6.07462963 | 13.92 | 26.4934 |
| 5.7412963 | 14.33 | 28.4546 | 5.9080787 | 13.92 | 27.1204 | 6.07474537 | 13.92 | 26.3735 |
| 5.74141204 | 14.33 | 26.8225 | 5.90819444 | 13.92 | 27.1447 | 6.07486111 | 13.89 | 26.2636 |
| 5.74152778 | 14.33 | 27.118 | 5.90831019 | 13.92 | 27.1245 | 6.07497685 | 13.91 | 26.2843 |
| 5.74164352 | 14.33 | 27.7357 | 5.90842593 | 13.92 | 27.0799 | 6.07509259 | 13.92 | 26.335 |
| 5.74175926 | 14.33 | 28.2157 | 5.90854167 | 13.94 | 27.0861 | 6.07520833 | 13.92 | 26.5011 |
| 5.741875 | 14.33 | 28.7152 | 5.90865741 | 13.92 | 26.9671 | 6.07532407 | 13.91 | 26.3688 |
| 5.74199074 | 14.31 | 28.6306 | 5.90877315 | 13.92 | 27.092 | 6.07543982 | 13.92 | 26.385 |
| 5.74210648 | 14.31 | 28.9214 | 5.90888889 | 13.92 | 27.088 | 6.07555556 | 13.89 | 26.2216 |
| 5.74222222 | 14.31 | 28.7663 | 5.90900463 | 13.91 | 26.4692 | 6.0756713 | 13.89 | 26.2254 |
| 5.74233796 | 14.3 | 29.3797 | 5.90912037 | 13.91 | 27.0627 | 6.07578704 | 13.86 | 26.1471 |
| 5.7424537 | 14.3 | 29.2343 | 5.90923611 | 13.92 | 27.0718 | 6.07590278 | 13.83 | 25.9681 |
| 5.74256944 | 14.31 | 29.1988 | 5.90935185 | 13.92 | 27.0637 | 6.07601852 | 13.86 | 26.1471 |
| 5.74268519 | 14.31 | 24.0554 | 5.90946759 | 13.92 | 26.9751 | 6.07613426 | 13.82 | 25.8633 |
| 5.74280093 | 14.31 | 27.6692 | 5.90958333 | 13.92 | 26.9952 | 6.07625 | 13.81 | 25.7998 |
| 5.74291667 | 14.3 | 28.961 | 5.90969907 | 13.91 | 27.0546 | 6.07636574 | 13.83 | 26.0168 |
| 5.74303241 | 14.31 | 28.7708 | 5.90981482 | 13.89 | 27.1091 | 6.07648148 | 13.88 | 26.1752 |
| 5.74314815 | 14.31 | 28.9857 | 5.90993056 | 13.91 | 27.0829 | 6.07659722 | 13.79 | 25.6737 |
| 5.74326389 | 14.31 | 28.6802 | 5.9100463 | 13.91 | 27.1072 | 6.07671296 | 13.79 | 25.692 |
| 5.74337963 | 14.31 | 28.8893 | 5.91016204 | 13.91 | 27.0304 | 6.0768287 | 13.75 | 25.5694 |
| 5.74349537 | 14.31 | 28.8893 | 5.91027778 | 13.89 | 27.101 | 6.07694444 | 13.82 | 25.9264 |
| 5.74361111 | 14.31 | 29.0318 | 5.91039352 | 13.92 | 27.1042 | 6.07706019 | 13.85 | 26.0595 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74372685 | 14.31 | 28.6712 | 5.91050926 | 13.91 | 27.0304 | 6.07717593 | 13.88 | 26.2627 |
| 5.74384259 | 14.31 | 14.1388 | 5.910625 | 13.91 | 26.7986 | 6.07729167 | 13.88 | 26.2933 |
| 5.74395833 | 14.31 | 27.0993 | 5.91074074 | 13.92 | 27.0355 | 6.07740741 | 13.85 | 25.9845 |
| 5.74407407 | 14.31 | 27.4629 | 5.91085648 | 13.94 | 27.0538 | 6.07752315 | 13.83 | 25.9719 |
| 5.74418982 | 14.31 | 27.7117 | 5.91097222 | 13.92 | 26.919 | 6.07763889 | 13.79 | 25.7066 |
| 5.74430556 | 14.31 | 28.099 | 5.91108796 | 13.92 | 27.084 | 6.07775463 | 13.82 | 25.8892 |
| 5.7444213 | 14.31 | 29.1104 | 5.9112037 | 13.94 | 27.0942 | 6.07787037 | 13.83 | 26.0543 |
| 5.74453704 | 14.3 | 28.6155 | 5.91131944 | 13.94 | 27.0497 | 6.07798611 | 13.79 | 25.769 |
| 5.74465278 | 14.3 | 25.1123 | 5.91143519 | 13.94 | 26.8771 | 6.07810185 | 13.83 | 25.9383 |
| 5.74476852 | 14.31 | 28.6983 | 5.91155093 | 13.94 | 27.0336 | 6.07821759 | 13.85 | 25.9323 |
| 5.74488426 | 14.31 | 28.7481 | 5.91166667 | 13.94 | 27.0618 | 6.07833333 | 13.76 | 25.5918 |
| 5.745 | 14.31 | 27.7287 | 5.91178241 | 13.94 | 27.0538 | 6.07844907 | 13.82 | 25.9749 |
| 5.74511574 | 14.31 | 28.6531 | 5.91189815 | 13.94 | 27.0336 | 6.07856482 | 13.91 | 26.5197 |
| 5.74523148 | 14.31 | 28.73 | 5.91201389 | 13.94 | 26.9973 | 6.07868056 | 13.95 | 26.6563 |
| 5.74534722 | 14.31 | 27.7202 | 5.91212963 | 13.95 | 27.075 | 6.0787963 | 13.95 | 26.6367 |
| 5.74546296 | 14.31 | 28.1077 | 5.91224537 | 13.95 | 27.0953 | 6.07891204 | 13.95 | 26.6681 |
| 5.7455787 | 14.31 | 29.0688 | 5.91236111 | 13.94 | 27.0699 | 6.07902778 | 13.94 | 26.5146 |
| 5.74569444 | 14.31 | 28.9949 | 5.91247685 | 13.92 | 26.8512 | 6.07914352 | 13.89 | 26.1912 |
| 5.74581019 | 14.31 | 28.6757 | 5.91259259 | 13.92 | 26.8951 | 6.07925926 | 13.85 | 26.0483 |
| 5.74592593 | 14.31 | 29.1197 | 5.91270833 | 13.92 | 26.931 | 6.079375 | 13.83 | 25.9943 |
| 5.74604167 | 14.31 | 28.926 | 5.91282407 | 13.94 | 26.9291 | 6.07949074 | 13.78 | 25.706 |
| 5.74615741 | 14.31 | 29.0549 | 5.91293982 | 13.92 | 27.0113 | 6.07960648 | 13.73 | 25.5213 |
| 5.74627315 | 14.3 | 29.0716 | 5.91305556 | 13.91 | 26.9902 | 6.07972222 | 13.7 | 25.4334 |
| 5.74638889 | 14.3 | 29.1691 | 5.9131713 | 13.92 | 26.9751 | 6.07983796 | 13.73 | 25.5538 |
| 5.74650463 | 14.3 | 26.7155 | 5.91328704 | 13.92 | 26.9631 | 6.0799537 | 13.75 | 25.5514 |
| 5.74662037 | 14.31 | 28.6081 | 5.91340278 | 13.92 | 26.9031 | 6.08006944 | 13.75 | 25.5839 |
| 5.74673611 | 14.3 | 29.1877 | 5.91351852 | 13.92 | 27.0961 | 6.08018519 | 13.78 | 25.7316 |
| 5.74685185 | 14.31 | 29.1941 | 5.91363426 | 13.92 | 27.0355 | 6.08030093 | 13.76 | 25.6499 |
| 5.74696759 | 14.3 | 29.2343 | 5.91375 | 13.92 | 27.0759 | 6.08041667 | 13.76 | 25.7266 |
| 5.74708333 | 14.31 | 29.3486 | 5.91386574 | 13.92 | 27.0557 | 6.08053241 | 13.76 | 25.6208 |
| 5.74719907 | 14.31 | 29.5521 | 5.91398148 | 13.92 | 27.088 | 6.08064815 | 13.75 | 25.613 |
| 5.74731482 | 14.31 | 29.5568 | 5.91409722 | 13.92 | 27.0961 | 6.08076389 | 13.75 | 25.642 |
| 5.74743056 | 14.31 | 29.5473 | 5.91421296 | 13.94 | 27.0497 | 6.08087963 | 13.83 | 26.2625 |
| 5.7475463 | 14.31 | 29.3157 | 5.9143287 | 13.92 | 26.8234 | 6.08099537 | 13.75 | 25.7077 |
| 5.74766204 | 14.31 | 29.5807 | 5.91444444 | 13.91 | 27.0063 | 6.08111111 | 13.7 | 25.4155 |
| 5.74777778 | 14.3 | 29.5597 | 5.91456019 | 13.91 | 26.946 | 6.08122685 | 13.66 | 25.2466 |
| 5.74789352 | 14.31 | 29.533 | 5.91467593 | 13.91 | 27.0385 | 6.08134259 | 13.69 | 25.4293 |
| 5.74800926 | 14.3 | 29.1226 | 5.91479167 | 13.92 | 27.0961 | 6.08145833 | 13.85 | 26.4137 |
| 5.748125 | 14.31 | 29.1615 | 5.91490741 | 13.91 | 27.0304 | 6.08157407 | 13.85 | 26.2755 |
| 5.74824074 | 14.31 | 29.2268 | 5.91502315 | 13.91 | 26.9621 | 6.08168982 | 13.86 | 26.2878 |
| 5.74835648 | 14.31 | 29.3204 | 5.91513889 | 13.92 | 26.9872 | 6.08180556 | 13.81 | 25.9779 |
| 5.74847222 | 14.31 | 29.311 | 5.91525463 | 13.91 | 27.0627 | 6.0819213 | 13.72 | 25.4345 |
| 5.74858796 | 14.3 | 29.3186 | 5.91537037 | 13.91 | 26.7195 | 6.08203704 | 13.75 | 25.715 |
| 5.7487037 | 14.31 | 29.2829 | 5.91548611 | 13.92 | 27.0718 | 6.08215278 | 13.7 | 25.4585 |
| 5.74881944 | 14.31 | 29.1151 | 5.91560185 | 13.89 | 27.0525 | 6.08226852 | 13.83 | 26.2016 |
| 5.74893519 | 14.31 | 29.0873 | 5.91571759 | 13.91 | 27.0829 | 6.08238426 | 13.81 | 25.9518 |
| 5.74905093 | 14.31 | 29.1244 | 5.91583333 | 13.91 | 26.8343 | 6.0825 | 13.81 | 25.9629 |
| 5.74916667 | 14.31 | 29.0272 | 5.91594907 | 13.89 | 26.9721 | 6.08261574 | 13.83 | 26.1485 |
| 5.74928241 | 14.3 | 25.814 | 5.91606482 | 13.89 | 26.9801 | 6.08273148 | 13.83 | 26.2016 |
| 5.74939815 | 14.3 | 27.2252 | 5.91618056 | 13.89 | 26.5257 | 6.08284722 | 13.86 | 26.2649 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74951389 | 14.3 | 28.9886 | 5.9162963 | 13.89 | 26.96 | 6.08296296 | 13.85 | 26.207 |
| 5.74962963 | 14.3 | 27.1759 | 5.91641204 | 13.89 | 26.952 | 6.0830787 | 13.73 | 25.6081 |
| 5.74974537 | 14.3 | 23.7905 | 5.91652778 | 13.91 | 26.9821 | 6.08319444 | 13.69 | 25.4472 |
| 5.74986111 | 14.3 | 27.8726 | 5.91664352 | 13.91 | 26.946 | 6.08331019 | 13.72 | 25.474 |
| 5.74997685 | 14.3 | 19.9281 | 5.91675926 | 13.91 | 26.9661 | 6.08342593 | 13.68 | 25.4359 |
| 5.75009259 | 14.3 | 23.2142 | 5.916875 | 13.91 | 27.0586 | 6.08354167 | 13.68 | 25.329 |
| 5.75020833 | 14.31 | 29.3721 | 5.91699074 | 13.91 | 26.926 | 6.08365741 | 13.65 | 25.2426 |
| 5.75032407 | 14.28 | 11.1175 | 5.91710648 | 13.89 | 26.7926 | 6.08377315 | 13.63 | 25.2311 |
| 5.75043982 | 14.31 | 28.8026 | 5.91722222 | 13.89 | 26.8125 | 6.08388889 | 13.63 | 25.2206 |
| 5.75055556 | 14.31 | 29.3721 | 5.91733796 | 13.89 | 26.6546 | 6.08400463 | 13.65 | 25.1899 |
| 5.7506713 | 14.3 | 26.9681 | 5.9174537 | 13.91 | 27.0183 | 6.08412037 | 13.65 | 25.2074 |
| 5.75078704 | 14.3 | 29.2624 | 5.91756944 | 13.91 | 26.8502 | 6.08423611 | 13.63 | 25.1749 |
| 5.75090278 | 14.3 | 27.4533 | 5.91768519 | 13.91 | 27.0586 | 6.08435185 | 13.63 | 25.1925 |
| 5.75101852 | 14.3 | 28.566 | 5.91780093 | 13.89 | 26.5101 | 6.08446759 | 13.63 | 25.203 |
| 5.75113426 | 14.3 | 28.0801 | 5.91791667 | 13.91 | 27.0708 | 6.08458333 | 13.65 | 25.2426 |
| 5.75125 | 14.31 | 28.4292 | 5.91803241 | 13.91 | 26.4382 | 6.08469907 | 13.68 | 25.4252 |
| 5.75136574 | 14.3 | 28.9932 | 5.91814815 | 13.91 | 26.751 | 6.08481482 | 13.66 | 25.1798 |
| 5.75148148 | 14.3 | 23.3334 | 5.91826389 | 13.92 | 26.6574 | 6.08493056 | 13.66 | 25.3067 |
| 5.75159722 | 14.31 | 28.9673 | 5.91837963 | 13.99 | 27.2791 | 6.0850463 | 13.65 | 25.2497 |
| 5.75171296 | 14.31 | 29.0272 | 5.91849537 | 14.02 | 27.3608 | 6.08516204 | 13.65 | 25.1793 |
| 5.7518287 | 14.31 | 28.789 | 5.91861111 | 14.04 | 27.2602 | 6.08527778 | 13.63 | 25.1819 |
| 5.75194444 | 14.3 | 23.9706 | 5.91872685 | 14.08 | 27.656 | 6.08539352 | 13.63 | 25.1819 |
| 5.75206019 | 14.3 | 29.239 | 5.91884259 | 14.09 | 27.7291 | 6.08550926 | 13.62 | 25.171 |
| 5.75217593 | 14.31 | 29.2829 | 5.91895833 | 14.09 | 27.6573 | 6.085625 | 13.62 | 24.7573 |
| 5.75229167 | 14.3 | 25.3301 | 5.91907407 | 14.12 | 27.767 | 6.08574074 | 13.6 | 24.7736 |
| 5.75240741 | 14.31 | 27.9127 | 5.91918982 | 14.09 | 27.2907 | 6.08585648 | 13.62 | 24.8869 |
| 5.75252315 | 14.31 | 29.311 | 5.91930556 | 13.95 | 26.0146 | 6.08597222 | 13.6 | 24.9273 |
| 5.75263889 | 14.31 | 29.4288 | 5.9194213 | 13.92 | 26.167 | 6.08608796 | 13.66 | 25.1098 |
| 5.75275463 | 14.31 | 29.4335 | 5.91953704 | 13.91 | 26.6643 | 6.0862037 | 13.66 | 25.1378 |
| 5.75287037 | 14.31 | 29.4429 | 5.91965278 | 13.91 | 26.2309 | 6.08631944 | 13.66 | 25.1728 |
| 5.75298611 | 14.31 | 29.3439 | 5.91976852 | 13.91 | 26.7352 | 6.08643519 | 13.69 | 25.2587 |
| 5.75310185 | 14.31 | 29.3721 | 5.91988426 | 13.92 | 27.0718 | 6.08655093 | 13.7 | 25.4298 |
| 5.75321759 | 14.31 | 29.3674 | 5.92 | 13.91 | 27.0103 | 6.08666667 | 13.68 | 25.237 |
| 5.75333333 | 14.31 | 29.3721 | 5.92011574 | 13.91 | 27.0586 | 6.08678241 | 13.68 | 25.1772 |
| 5.75344907 | 14.31 | 29.4051 | 5.92023148 | 13.91 | 26.8701 | 6.08689815 | 13.66 | 25.1308 |
| 5.75356482 | 14.31 | 29.3486 | 5.92034722 | 13.91 | 26.755 | 6.08701389 | 13.66 | 25.075 |
| 5.75368056 | 14.31 | 29.2081 | 5.92046296 | 13.91 | 27.0708 | 6.08712963 | 13.63 | 25.0876 |
| 5.7537963 | 14.31 | 28.739 | 5.9205787 | 13.91 | 27.0788 | 6.08724537 | 13.63 | 25.0598 |
| 5.75391204 | 14.31 | 29.0549 | 5.92069444 | 13.91 | 27.0708 | 6.08736111 | 13.62 | 25.0524 |
| 5.75402778 | 14.31 | 29.0456 | 5.92081019 | 13.91 | 27.0344 | 6.08747685 | 13.63 | 24.8701 |
| 5.75414352 | 14.31 | 28.2214 | 5.92092593 | 13.91 | 27.0869 | 6.08759259 | 13.63 | 24.8941 |
| 5.75425926 | 14.31 | 28.1077 | | | | | | |

DrEx 107

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.56548611 | 14.54 | 25.647 | 5.73273148 | 14.4 | 25.943 | 5.89986111 | 13.88 | 24.7929 |
| 5.56560185 | 14.34 | 31.4667 | 5.73284722 | 14.41 | 24.1974 | 5.89997685 | 13.89 | 24.7955 |
| 5.56571759 | 14.37 | 30.6739 | 5.73296296 | 14.41 | 23.108 | 5.90009259 | 13.88 | 24.8019 |
| 5.56583333 | 14.31 | 31.4374 | 5.7330787 | 14.41 | 21.9523 | 5.90020833 | 13.88 | 24.8019 |
| 5.56594907 | 14.32 | 32.3653 | 5.73319444 | 14.4 | 23.7479 | 5.90032407 | 13.88 | 24.7628 |
| 5.56606482 | 14.31 | 32.4716 | 5.73331019 | 14.44 | 20.7941 | 5.90043982 | 13.89 | 24.7955 |
| 5.56618056 | 14.31 | 32.42 | 5.73342593 | 14.44 | 21.9495 | 5.90055556 | 13.88 | 24.7508 |
| 5.5662963 | 14.32 | 32.4116 | 5.73354167 | 14.38 | 26.0137 | 5.9006713 | 13.89 | 24.7474 |
| 5.56641204 | 14.31 | 32.3891 | 5.73365741 | 14.43 | 22.7803 | 5.90078704 | 13.89 | 24.7084 |
| 5.56652778 | 14.31 | 32.3634 | 5.73377315 | 14.41 | 23.919 | 5.90090278 | 13.89 | 24.7323 |
| 5.56664352 | 14.31 | 32.3377 | 5.73388889 | 14.41 | 23.8202 | 5.90101852 | 13.89 | 24.7204 |
| 5.56675926 | 14.32 | 32.2423 | 5.73400463 | 14.44 | 21.214 | 5.90113426 | 13.88 | 24.7688 |
| 5.566875 | 14.32 | 32.2577 | 5.73412037 | 14.44 | 20.7235 | 5.90125 | 13.89 | 24.7714 |
| 5.56699074 | 14.32 | 32.1051 | 5.73423611 | 14.41 | 23.9758 | 5.90136574 | 13.88 | 24.7448 |
| 5.56710648 | 14.34 | 32.0228 | 5.73435185 | 14.41 | 22.8022 | 5.90148148 | 13.88 | 24.8019 |
| 5.56722222 | 14.32 | 32.2423 | 5.73446759 | 14.44 | 20.0165 | 5.90159722 | 13.88 | 24.7778 |
| 5.56733796 | 14.35 | 31.5124 | 5.73458333 | 14.45 | 18.791 | 5.90171296 | 13.88 | 24.7838 |
| 5.5674537 | 14.37 | 31.3644 | 5.73469907 | 14.44 | 21.7287 | 5.9018287 | 13.88 | 24.8019 |
| 5.56756944 | 14.34 | 31.7823 | 5.73481482 | 14.43 | 22.1115 | 5.90194444 | 13.88 | 24.7838 |
| 5.56768519 | 14.34 | 31.7029 | 5.73493056 | 14.43 | 22.2849 | 5.90206019 | 13.88 | 24.7929 |
| 5.56780093 | 14.53 | 25.0456 | 5.7350463 | 14.41 | 24.6509 | 5.90217593 | 13.88 | 24.7869 |
| 5.56791667 | 14.47 | 27.9227 | 5.73516204 | 14.4 | 24.1081 | 5.90229167 | 13.88 | 24.7778 |
| 5.56803241 | 14.38 | 30.5823 | 5.73527778 | 14.41 | 22.635 | 5.90240741 | 13.85 | 24.77 |
| 5.56814815 | 14.38 | 31.0816 | 5.73539352 | 14.4 | 24.7788 | 5.90252315 | 13.86 | 24.7907 |
| 5.56826389 | 14.35 | 31.2257 | 5.73550926 | 14.38 | 25.0201 | 5.90263889 | 13.86 | 24.7636 |
| 5.56837963 | 14.5 | 25.3123 | 5.735625 | 14.43 | 21.7228 | 5.90275463 | 13.86 | 24.7486 |
| 5.56849537 | 14.54 | 26.1655 | 5.73574074 | 14.38 | 24.4719 | 5.90287037 | 13.86 | 24.7666 |
| 5.56861111 | 14.44 | 29.1254 | 5.73585648 | 14.4 | 23.6341 | 5.90298611 | 13.86 | 24.7396 |
| 5.56872685 | 14.41 | 30.1646 | 5.73597222 | 14.41 | 23.606 | 5.90310185 | 13.86 | 24.7336 |
| 5.56884259 | 14.4 | 30.8 | 5.73608796 | 14.35 | 27.6797 | 5.90321759 | 13.86 | 24.7456 |
| 5.56895833 | 14.44 | 29.1891 | 5.7362037 | 14.35 | 27.6147 | 5.90333333 | 13.86 | 24.7186 |
| 5.56907407 | 14.44 | 29.5901 | 5.73631944 | 14.35 | 27.1389 | 5.90344907 | 13.86 | 24.6857 |
| 5.56918982 | 14.43 | 30.6638 | 5.73643519 | 14.4 | 23.3185 | 5.90356482 | 13.86 | 24.6798 |
| 5.56930556 | 14.4 | 31.2095 | 5.73655093 | 14.38 | 24.9393 | 5.90368056 | 13.86 | 24.647 |
| 5.5694213 | 14.37 | 31.5649 | 5.73666667 | 14.38 | 24.93 | 5.9037963 | 13.86 | 24.6559 |
| 5.56953704 | 14.37 | 31.6141 | 5.73678241 | 14.38 | 25.5556 | 5.90391204 | 13.86 | 24.647 |
| 5.56965278 | 14.35 | 31.7145 | 5.73689815 | 14.41 | 21.6107 | 5.90402778 | 13.86 | 24.6381 |
| 5.56976852 | 14.37 | 31.6536 | 5.73701389 | 14.4 | 24.0105 | 5.90414352 | 13.86 | 24.6411 |
| 5.56988426 | 14.37 | 31.6536 | 5.73712963 | 14.35 | 28.2623 | 5.90425926 | 13.86 | 24.6203 |
| 5.57 | 14.37 | 31.6635 | 5.73724537 | 14.35 | 27.2572 | 5.904375 | 13.86 | 24.6321 |
| 5.57011574 | 14.37 | 31.6783 | 5.73736111 | 14.4 | 24.1081 | 5.90449074 | 13.86 | 24.6381 |
| 5.57023148 | 14.38 | 31.6405 | 5.73747685 | 14.41 | 22.9178 | 5.90460648 | 13.86 | 24.647 |
| 5.57034722 | 14.4 | 31.5405 | 5.73759259 | 14.4 | 22.7444 | 5.90472222 | 13.86 | 24.6321 |
| 5.57046296 | 14.4 | 31.3742 | 5.73770833 | 14.41 | 23.3474 | 5.90483796 | 13.88 | 24.6194 |
| 5.5705787 | 14.43 | 31.0129 | 5.73782407 | 14.38 | 25.234 | 5.9049537 | 13.86 | 24.6381 |
| 5.57069444 | 14.47 | 29.9427 | 5.73793982 | 14.37 | 26.6761 | 5.90506944 | 13.86 | 24.6173 |
| 5.57081019 | 14.51 | 28.9549 | 5.73805556 | 14.38 | 25.6866 | 5.90518519 | 13.86 | 24.6321 |
| 5.57092593 | 14.56 | 27.6877 | 5.7381713 | 14.41 | 22.4211 | 5.90530093 | 13.86 | 24.6321 |
| 5.57104167 | 14.54 | 29.3451 | 5.73828704 | 14.4 | 23.4344 | 5.90541667 | 13.86 | 24.6262 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.57115741 | 14.66 | 23.5431 | 5.73840278 | 14.37 | 26.8444 | 5.90553241 | 13.86 | 24.6232 |
| 5.57127315 | 14.71 | 17.8353 | 5.73851852 | 14.37 | 27.1359 | 5.90564815 | 13.86 | 24.6232 |
| 5.57138889 | 14.51 | 29.7829 | 5.73863426 | 14.4 | 24.1254 | 5.90576389 | 13.85 | 24.6148 |
| 5.57150463 | 14.5 | 29.3107 | 5.73875 | 14.4 | 23.6867 | 5.90587963 | 13.85 | 24.6148 |
| 5.57162037 | 14.44 | 30.5535 | 5.73886574 | 14.41 | 23.3582 | 5.90599537 | 13.85 | 24.6059 |
| 5.57173611 | 14.41 | 31.0576 | 5.73898148 | 14.4 | 24.6754 | 5.90611111 | 13.85 | 24.6207 |
| 5.57185185 | 14.44 | 30.8342 | 5.73909722 | 14.41 | 22.7894 | 5.90622685 | 13.86 | 24.6143 |
| 5.57196759 | 14.43 | 30.9939 | 5.73921296 | 14.38 | 25.4453 | 5.90634259 | 13.86 | 24.6173 |
| 5.57208333 | 14.43 | 30.8705 | 5.7393287 | 14.38 | 25.1454 | 5.90645833 | 13.86 | 24.6262 |
| 5.57219907 | 14.44 | 30.8342 | 5.73944444 | 14.38 | 25.5817 | 5.90657407 | 13.85 | 24.6118 |
| 5.57231482 | 14.45 | 30.6947 | 5.73956019 | 14.37 | 26.7403 | 5.90668982 | 13.85 | 24.6148 |
| 5.57243056 | 14.47 | 30.6556 | 5.73967593 | 14.4 | 22.417 | 5.90680556 | 13.85 | 24.6118 |
| 5.5725463 | 14.47 | 30.5903 | 5.73979167 | 14.43 | 19.9129 | 5.9069213 | 13.85 | 24.6148 |
| 5.57266204 | 14.48 | 30.2373 | 5.73990741 | 14.38 | 25.0669 | 5.90703704 | 13.85 | 24.597 |
| 5.57277778 | 14.54 | 27.9822 | 5.74002315 | 14.38 | 25.1202 | 5.90715278 | 13.86 | 24.5493 |
| 5.57289352 | 14.7 | 18.8563 | 5.74013889 | 14.4 | 24.0477 | 5.90726852 | 13.86 | 24.5847 |
| 5.57300926 | 14.8 | 16.3037 | 5.74025463 | 14.38 | 25.2403 | 5.90738426 | 13.85 | 24.5822 |
| 5.573125 | 14.56 | 28.6477 | 5.74037037 | 14.4 | 21.6731 | 5.9075 | 13.85 | 24.5733 |
| 5.57324074 | 14.5 | 29.8483 | 5.74048611 | 14.38 | 25.8224 | 5.90761574 | 13.85 | 24.5586 |
| 5.57335648 | 14.47 | 30.2633 | 5.74060185 | 14.38 | 25.7361 | 5.90773148 | 13.85 | 24.5527 |
| 5.57347222 | 14.47 | 30.0369 | 5.74071759 | 14.38 | 25.657 | 5.90784722 | 13.85 | 24.5527 |
| 5.57358796 | 14.45 | 30.3017 | 5.74083333 | 14.37 | 26.9095 | 5.90796296 | 13.85 | 24.5026 |
| 5.5737037 | 14.48 | 29.5466 | 5.74094907 | 14.38 | 26.6302 | 5.9080787 | 13.83 | 24.3723 |
| 5.57381944 | 14.56 | 27.7224 | 5.74106482 | 14.38 | 26.7406 | 5.90819444 | 13.82 | 24.3699 |
| 5.57393519 | 14.64 | 25.5027 | 5.74118056 | 14.41 | 19.2312 | 5.90831019 | 13.83 | 24.3491 |
| 5.57405093 | 14.6 | 27.1529 | 5.7412963 | 14.38 | 27.1363 | 5.90842593 | 13.83 | 24.3549 |
| 5.57416667 | 14.54 | 28.7492 | 5.74141204 | 14.37 | 29.4262 | 5.90854167 | 13.83 | 24.3549 |
| 5.57428241 | 14.56 | 28.2336 | 5.74152778 | 14.37 | 28.9169 | 5.90865741 | 13.83 | 24.3723 |
| 5.57439815 | 14.51 | 29.0223 | 5.74164352 | 14.35 | 29.4457 | 5.90877315 | 13.83 | 24.3346 |
| 5.57451389 | 14.51 | 29.1493 | 5.74175926 | 14.35 | 29.176 | 5.90888889 | 13.83 | 24.3491 |
| 5.57462963 | 14.53 | 29.0453 | 5.741875 | 14.35 | 29.2953 | 5.90900463 | 13.83 | 24.3317 |
| 5.57474537 | 14.47 | 30.4191 | 5.74199074 | 14.35 | 28.4268 | 5.90912037 | 13.83 | 24.326 |
| 5.57486111 | 14.6 | 25.0981 | 5.74210648 | 14.35 | 26.235 | 5.90923611 | 13.83 | 24.2971 |
| 5.57497685 | 14.54 | 27.1688 | 5.74222222 | 14.37 | 25.1016 | 5.90935185 | 13.83 | 24.2942 |
| 5.57509259 | 14.47 | 29.9875 | 5.74233796 | 14.35 | 28.8693 | 5.90946759 | 13.85 | 24.2903 |
| 5.57520833 | 14.45 | 30.5921 | 5.7424537 | 14.35 | 26.7756 | 5.90958333 | 13.85 | 24.3596 |
| 5.57532407 | 14.43 | 30.6498 | 5.74256944 | 14.37 | 23.9011 | 5.90969907 | 13.83 | 24.3404 |
| 5.57543982 | 14.41 | 30.9243 | 5.74268519 | 14.37 | 23.6745 | 5.90981482 | 13.85 | 24.3105 |
| 5.57555556 | 14.4 | 30.9513 | 5.74280093 | 14.35 | 26.2557 | 5.90993056 | 13.85 | 24.3133 |
| 5.5756713 | 14.41 | 31.0432 | 5.74291667 | 14.35 | 29.1209 | 5.9100463 | 13.85 | 24.3133 |
| 5.57578704 | 14.43 | 30.6358 | 5.74303241 | 14.35 | 25.5038 | 5.91016204 | 13.85 | 24.322 |
| 5.57590278 | 14.44 | 30.5026 | 5.74314815 | 14.35 | 26.4955 | 5.91027778 | 13.85 | 24.3105 |
| 5.57601852 | 14.61 | 22.9116 | 5.74326389 | 14.37 | 23.2005 | 5.91039352 | 13.85 | 24.3047 |
| 5.57613426 | 14.64 | 23.1196 | 5.74337963 | 14.37 | 27.7345 | 5.91050926 | 13.83 | 24.3173 |
| 5.57625 | 14.53 | 27.5556 | 5.74349537 | 14.35 | 28.5688 | 5.910625 | 13.83 | 24.326 |
| 5.57636574 | 14.48 | 29.3731 | 5.74361111 | 14.35 | 28.7492 | 5.91074074 | 13.83 | 24.3115 |
| 5.57648148 | 14.51 | 28.0156 | 5.74372685 | 14.35 | 28.4591 | 5.91085648 | 13.83 | 24.2769 |
| 5.57659722 | 14.7 | 20.2688 | 5.74384259 | 14.37 | 27.7653 | 5.91097222 | 13.82 | 24.2861 |
| 5.57671296 | 14.5 | 29.4488 | 5.74395833 | 14.37 | 28.0812 | 5.91108796 | 13.83 | 24.2425 |
| 5.5768287 | 14.45 | 29.8734 | 5.74407407 | 14.37 | 28.0497 | 5.9112037 | 13.85 | 24.2442 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.57694444 | 14.44 | 30.1413 | 5.74418982 | 14.37 | 27.8078 | 5.91131944 | 13.85 | 24.2442 |
| 5.57706019 | 14.41 | 30.5123 | 5.74430556 | 14.37 | 27.4188 | 5.91143519 | 13.85 | 24.2586 |
| 5.57717593 | 14.4 | 31.0703 | 5.7444213 | 14.35 | 28.1431 | 5.91155093 | 13.85 | 24.2845 |
| 5.57729167 | 14.38 | 31.1247 | 5.74453704 | 14.37 | 24.4723 | 5.91166667 | 13.86 | 24.2955 |
| 5.57740741 | 14.4 | 31.0799 | 5.74465278 | 14.35 | 26.8655 | 5.91178241 | 13.83 | 24.3115 |
| 5.57752315 | 14.56 | 23.9749 | 5.74476852 | 14.35 | 26.5764 | 5.91189815 | 13.85 | 24.2759 |
| 5.57763889 | 14.57 | 24.0578 | 5.74488426 | 14.37 | 26.9967 | 5.91201389 | 13.83 | 24.2626 |
| 5.57775463 | 14.64 | 20.7796 | 5.745 | 14.35 | 28.0052 | 5.91212963 | 13.85 | 24.2586 |
| 5.57787037 | 14.5 | 27.2786 | 5.74511574 | 14.35 | 28.3263 | 5.91224537 | 13.85 | 24.2586 |
| 5.57798611 | 14.5 | 28.1216 | 5.74523148 | 14.35 | 28.3905 | 5.91236111 | 13.85 | 24.273 |
| 5.57810185 | 14.51 | 27.3503 | 5.74534722 | 14.37 | 26.5698 | 5.91247685 | 13.86 | 24.2523 |
| 5.57821759 | 14.5 | 27.5426 | 5.74546296 | 14.37 | 27.5511 | 5.91259259 | 13.86 | 24.2753 |
| 5.57833333 | 14.5 | 27.7613 | 5.7455787 | 14.37 | 21.3819 | 5.91270833 | 13.86 | 24.284 |
| 5.57844907 | 14.5 | 27.6688 | 5.74569444 | 14.37 | 25.4777 | 5.91282407 | 13.85 | 24.2816 |
| 5.57856482 | 14.45 | 28.63 | 5.74581019 | 14.37 | 28.1206 | 5.91293982 | 13.86 | 24.3042 |
| 5.57868056 | 14.47 | 28.7347 | 5.74592593 | 14.37 | 28.0536 | 5.91305556 | 13.86 | 24.3736 |
| 5.5787963 | 14.48 | 28.144 | 5.74604167 | 14.37 | 24.7827 | 5.9131713 | 13.86 | 24.5817 |
| 5.57891204 | 14.51 | 27.3578 | 5.74615741 | 14.38 | 24.6307 | 5.91328704 | 13.88 | 24.7508 |
| 5.57902778 | 14.5 | 27.7806 | 5.74627315 | 14.35 | 27.5463 | 5.91340278 | 13.89 | 24.6695 |
| 5.57914352 | 14.5 | 27.7768 | 5.74638889 | 14.37 | 27.5625 | 5.91351852 | 13.89 | 24.7504 |
| 5.57925926 | 14.5 | 27.7265 | 5.74650463 | 14.35 | 27.9817 | 5.91363426 | 13.88 | 24.6998 |
| 5.579375 | 14.7 | 19.2545 | 5.74662037 | 14.35 | 28.5688 | 5.91375 | 13.86 | 24.6114 |
| 5.57949074 | 14.56 | 26.0358 | 5.74673611 | 14.35 | 28.6178 | 5.91386574 | 13.88 | 24.569 |
| 5.57960648 | 14.51 | 27.4899 | 5.74685185 | 14.37 | 28.2997 | 5.91398148 | 13.86 | 24.5257 |
| 5.57972222 | 14.53 | 27.3813 | 5.74696759 | 14.35 | 14.6487 | 5.91409722 | 13.86 | 24.4933 |
| 5.57983796 | 14.58 | 24.5888 | 5.74708333 | 14.35 | 23.4023 | 5.91421296 | 13.86 | 24.4027 |
| 5.5799537 | 14.56 | 26.0699 | 5.74719907 | 14.35 | 28.1867 | 5.9143287 | 13.85 | 24.532 |
| 5.58006944 | 14.7 | 20.0045 | 5.74731482 | 14.34 | 17.9974 | 5.91444444 | 13.86 | 24.5198 |
| 5.58018519 | 14.64 | 21.4927 | 5.74743056 | 14.32 | 11.6696 | 5.91456019 | 13.86 | 24.511 |
| 5.58030093 | 14.63 | 21.8312 | 5.7475463 | 14.35 | 28.5078 | 5.91467593 | 13.85 | 24.3829 |
| 5.58041667 | 14.66 | 21.7516 | 5.74766204 | 14.35 | 29.0114 | 5.91479167 | 13.83 | 24.2769 |
| 5.58053241 | 14.71 | 19.0232 | 5.74777778 | 14.35 | 28.8693 | 5.91490741 | 13.82 | 24.2545 |
| 5.58064815 | 14.57 | 25.8232 | 5.74789352 | 14.34 | 19.3383 | 5.91502315 | 13.89 | 24.8772 |
| 5.58076389 | 14.51 | 27.5203 | 5.74800926 | 14.34 | 17.7637 | 5.91513889 | 13.85 | 24.3945 |
| 5.58087963 | 14.45 | 29.4088 | 5.748125 | 14.35 | 27.7411 | 5.91525463 | 13.83 | 24.211 |
| 5.58099537 | 14.38 | 31.1151 | 5.74824074 | 14.35 | 29.1294 | 5.91537037 | 13.82 | 24.223 |
| 5.58111111 | 14.38 | 31.0196 | 5.74835648 | 14.35 | 23.7116 | 5.91548611 | 13.86 | 24.426 |
| 5.58122685 | 14.37 | 30.9847 | 5.74847222 | 14.35 | 26.5517 | 5.91560185 | 13.86 | 24.3533 |
| 5.58134259 | 14.37 | 29.8994 | 5.74858796 | 14.35 | 24.8537 | 5.91571759 | 13.88 | 24.5454 |
| 5.58145833 | 14.35 | 31.1105 | 5.7487037 | 14.35 | 27.9192 | 5.91583333 | 13.86 | 24.5434 |
| 5.58157407 | 14.37 | 31.2 | 5.74881944 | 14.35 | 24.1132 | 5.91594907 | 13.88 | 24.428 |
| 5.58168982 | 14.37 | 31.1231 | 5.74893519 | 14.35 | 27.0911 | 5.91606482 | 13.86 | 24.3331 |
| 5.58180556 | 14.35 | 31.3078 | 5.74905093 | 14.35 | 28.6751 | 5.91618056 | 13.86 | 24.3504 |
| 5.5819213 | 14.37 | 31.1279 | 5.74916667 | 14.35 | 28.2145 | 5.9162963 | 13.85 | 24.2586 |
| 5.58203704 | 14.35 | 31.3709 | 5.74928241 | 14.35 | 26.9633 | 5.91641204 | 13.85 | 24.2644 |
| 5.58215278 | 14.35 | 31.4245 | 5.74939815 | 14.35 | 28.3223 | 5.91652778 | 13.85 | 24.2845 |
| 5.58226852 | 14.35 | 31.0722 | 5.74951389 | 14.35 | 28.9026 | 5.91664352 | 13.85 | 24.3105 |
| 5.58238426 | 14.35 | 31.1632 | 5.74962963 | 14.35 | 29.0156 | 5.91675926 | 13.85 | 24.3162 |
| 5.5825 | 14.35 | 31.12 | 5.74974537 | 14.35 | 28.8943 | 5.916875 | 13.85 | 24.296 |
| 5.58261574 | 14.35 | 31.3127 | 5.74986111 | 14.35 | 28.2942 | 5.91699074 | 13.85 | 24.1756 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58273148 | 14.35 | 31.3661 | 5.74997685 | 14.35 | 28.0013 | 5.91710648 | 13.85 | 24.2184 |
| 5.58284722 | 14.41 | 28.4718 | 5.75009259 | 14.35 | 27.7758 | 5.91722222 | 13.85 | 24.2414 |
| 5.58296296 | 14.37 | 30.5207 | 5.75020833 | 14.35 | 28.8943 | 5.91733796 | 13.85 | 24.2644 |
| 5.5830787 | 14.37 | 30.6879 | 5.75032407 | 14.35 | 28.8901 | 5.9174537 | 13.86 | 24.2753 |
| 5.58319444 | 14.35 | 31.2209 | 5.75043982 | 14.35 | 29.3167 | 5.91756944 | 13.85 | 24.2874 |
| 5.58331019 | 14.37 | 30.2139 | 5.75055556 | 14.35 | 26.7505 | 5.91768519 | 13.86 | 24.2811 |
| 5.58342593 | 14.38 | 30.7127 | 5.7506713 | 14.35 | 27.8299 | 5.91780093 | 13.86 | 24.2955 |
| 5.58354167 | 14.37 | 31.1567 | 5.75078704 | 14.35 | 28.9946 | 5.91791667 | 13.85 | 24.296 |
| 5.58365741 | 14.37 | 30.9088 | 5.75090278 | 14.35 | 28.9988 | 5.91803241 | 13.85 | 24.2787 |
| 5.58377315 | 14.38 | 30.1111 | 5.75101852 | 14.35 | 28.6833 | 5.91814815 | 13.86 | 24.2782 |
| 5.58388889 | 14.43 | 28.8681 | 5.75113426 | 14.34 | 28.8311 | 5.91826389 | 13.85 | 24.3076 |
| 5.58400463 | 14.44 | 28.4013 | 5.75125 | 14.35 | 25.7527 | 5.91837963 | 13.85 | 24.3076 |
| 5.58412037 | 14.53 | 25.3345 | 5.75136574 | 14.34 | 27.3649 | 5.91849537 | 13.85 | 24.2931 |
| 5.58423611 | 14.69 | 16.8576 | 5.75148148 | 14.35 | 27.5198 | 5.91861111 | 13.85 | 24.2557 |
| 5.58435185 | 14.47 | 28.855 | 5.75159722 | 14.35 | 24.2522 | 5.91872685 | 13.85 | 24.2414 |
| 5.58446759 | 14.44 | 29.1763 | 5.75171296 | 14.35 | 28.4228 | 5.91884259 | 13.85 | 24.2127 |
| 5.58458333 | 14.44 | 28.2327 | 5.7518287 | 14.35 | 28.9653 | 5.91895833 | 13.85 | 24.2356 |
| 5.58469907 | 14.57 | 21.6862 | 5.75194444 | 14.35 | 28.9235 | 5.91907407 | 13.85 | 24.2099 |
| 5.58481482 | 14.5 | 27.2041 | 5.75206019 | 14.35 | 28.8153 | 5.91918982 | 13.85 | 24.2414 |
| 5.58493056 | 14.43 | 29.6942 | 5.75217593 | 14.35 | 28.8527 | 5.91930556 | 13.85 | 24.227 |
| 5.5850463 | 14.4 | 30.4602 | 5.75229167 | 14.35 | 28.7988 | 5.9194213 | 13.85 | 24.2099 |
| 5.58516204 | 14.4 | 30.5248 | 5.75240741 | 14.34 | 28.8684 | 5.91953704 | 13.85 | 24.1956 |
| 5.58527778 | 14.4 | 29.6075 | 5.75252315 | 14.34 | 27.2605 | 5.91965278 | 13.85 | 24.2184 |
| 5.58539352 | 14.41 | 28.7832 | 5.75263889 | 14.34 | 24.9836 | 5.91976852 | 13.85 | 24.1956 |
| 5.58550926 | 14.44 | 28.2807 | 5.75275463 | 14.35 | 28.9778 | 5.91988426 | 13.85 | 24.2127 |
| 5.585625 | 14.44 | 28.4661 | 5.75287037 | 14.35 | 29.0871 | 5.92 | 13.83 | 24.2425 |
| 5.58574074 | 14.4 | 30.2677 | 5.75298611 | 14.35 | 28.1391 | 5.92011574 | 13.85 | 24.2356 |
| 5.58585648 | 14.37 | 30.7769 | 5.75310185 | 14.35 | 29.21 | 5.92023148 | 13.85 | 24.2356 |
| 5.58597222 | 14.35 | 31.168 | 5.75321759 | 14.35 | 28.6137 | 5.92034722 | 13.85 | 24.2099 |
| 5.58608796 | 14.35 | 31.2354 | 5.75333333 | 14.35 | 28.6587 | 5.92046296 | 13.85 | 24.2127 |
| 5.5862037 | 14.35 | 31.4245 | 5.75344907 | 14.35 | 28.8943 | 5.9205787 | 13.85 | 24.2041 |
| 5.58631944 | 14.35 | 31.4293 | 5.75356482 | 14.35 | 28.7368 | 5.92069444 | 13.85 | 24.2184 |
| 5.58643519 | 14.35 | 31.4782 | 5.75368056 | 14.35 | 28.8735 | 5.92081019 | 13.85 | 24.2041 |
| 5.58655093 | 14.35 | 31.5075 | 5.7537963 | 14.37 | 28.8254 | 5.92092593 | 13.85 | 24.2701 |
| 5.58666667 | 14.35 | 31.5124 | 5.75391204 | 14.35 | 28.6833 | 5.92104167 | 13.85 | 24.2471 |
| 5.58678241 | 14.35 | 31.4489 | 5.75402778 | 14.37 | 28.8586 | 5.92115741 | 13.86 | 24.2869 |
| 5.58689815 | 14.35 | 31.4098 | 5.75414352 | 14.35 | 28.9485 | 5.92127315 | 13.86 | 24.336 |
| 5.58701389 | 14.35 | 31.405 | 5.75425926 | 14.35 | 29.0787 | 5.92138889 | 13.85 | 24.2787 |
| 5.58712963 | 14.35 | 31.4391 | 5.754375 | 14.35 | 28.7533 | 5.92150463 | 13.85 | 24.2701 |
| 5.58724537 | 14.34 | 31.4521 | 5.75449074 | 14.35 | 29.0745 | 5.92162037 | 13.85 | 24.2557 |
| 5.58736111 | 14.34 | 31.4326 | 5.75460648 | 14.35 | 28.9988 | 5.92173611 | 13.85 | 24.25 |
| 5.58747685 | 14.35 | 31.4342 | 5.75472222 | 14.35 | 29.0282 | 5.92185185 | 13.85 | 24.2356 |
| 5.58759259 | 14.35 | 31.444 | 5.75483796 | 14.35 | 29.244 | 5.92196759 | 13.85 | 24.187 |
| 5.58770833 | 14.35 | 31.4537 | 5.7549537 | 14.35 | 28.6792 | 5.92208333 | 13.85 | 24.1442 |
| 5.58782407 | 14.34 | 31.4814 | 5.75506944 | 14.35 | 27.7835 | 5.92219907 | 13.83 | 24.171 |
| 5.58793982 | 14.35 | 31.444 | 5.75518519 | 14.35 | 29.4285 | 5.92231482 | 13.85 | 24.1727 |
| 5.58805556 | 14.34 | 31.4423 | 5.75530093 | 14.35 | 29.6282 | 5.92243056 | 13.83 | 24.1938 |
| 5.5881713 | 14.34 | 31.4912 | 5.75541667 | 14.35 | 27.1757 | 5.9225463 | 13.85 | 24.227 |
| 5.58828704 | 14.35 | 31.4342 | 5.75553241 | 14.35 | 28.7039 | 5.92266204 | 13.85 | 24.1585 |
| 5.58840278 | 14.35 | 31.4342 | 5.75564815 | 14.35 | 29.1887 | 5.92277778 | 13.85 | 24.1813 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58851852 | 14.35 | 31.4098 | 5.75576389 | 14.35 | 28.9068 | 5.92289352 | 13.85 | 24.2041 |
| 5.58863426 | 14.35 | 31.4293 | 5.75587963 | 14.35 | 29.2953 | 5.92300926 | 13.85 | 24.2414 |
| 5.58875 | 14.35 | 31.4489 | 5.75599537 | 14.37 | 29.4565 | 5.923125 | 13.85 | 24.4997 |
| 5.58886574 | 14.35 | 31.4147 | 5.75611111 | 14.35 | 29.5454 | 5.92324074 | 13.85 | 24.187 |
| 5.58898148 | 14.34 | 31.4326 | 5.75622685 | 14.35 | 29.176 | 5.92335648 | 13.85 | 24.1642 |
| 5.58909722 | 14.35 | 31.405 | 5.75634259 | 14.35 | 29.227 | 5.92347222 | 13.83 | 24.1539 |
| 5.58921296 | 14.35 | 31.3709 | 5.75645833 | 14.34 | 29.4317 | 5.92358796 | 13.83 | 24.1482 |
| 5.5893287 | 14.35 | 31.3806 | 5.75657407 | 14.34 | 29.3242 | 5.9237037 | 13.83 | 24.1539 |
| 5.58944444 | 14.35 | 31.3661 | 5.75668982 | 14.35 | 29.0492 | 5.92381944 | 13.83 | 24.1312 |
| 5.58956019 | 14.35 | 31.3224 | 5.75680556 | 14.35 | 28.8859 | 5.92393519 | 13.85 | 24.0903 |
| 5.58967593 | 14.35 | 31.2885 | 5.7569213 | 14.35 | 28.7905 | 5.92405093 | 13.85 | 24.1073 |
| 5.58979167 | 14.35 | 31.3127 | 5.75703704 | 14.35 | 28.8278 | 5.92416667 | 13.85 | 24.0988 |
| 5.58990741 | 14.35 | 31.245 | 5.75715278 | 14.35 | 28.4956 | 5.92428241 | 13.83 | 24.117 |
| 5.59002315 | 14.35 | 31.274 | 5.75726852 | 14.35 | 27.5919 | 5.92439815 | 13.85 | 24.1215 |
| 5.59013889 | 14.37 | 31.2917 | 5.75738426 | 14.35 | 28.1272 | 5.92451389 | 13.83 | 24.0887 |
| 5.59025463 | 14.35 | 31.3127 | 5.7575 | 14.35 | 28.4309 | 5.92462963 | 13.83 | 24.0802 |
| 5.59037037 | 14.37 | 31.2772 | 5.75761574 | 14.35 | 28.1154 | 5.92474537 | 13.83 | 24.0887 |
| 5.59048611 | 14.35 | 31.3806 | 5.75773148 | 14.35 | 28.6218 | 5.92486111 | 13.83 | 24.0887 |
| 5.59060185 | 14.35 | 31.3515 | 5.75784722 | 14.35 | 27.3691 | 5.92497685 | 13.83 | 24.066 |
| 5.59071759 | 14.35 | 31.3078 | 5.75796296 | 14.35 | 27.8106 | 5.92509259 | 13.83 | 24.0887 |
| 5.59083333 | 14.35 | 31.303 | 5.7580787 | 14.37 | 27.8737 | 5.92520833 | 13.83 | 24.0802 |
| 5.59094907 | 14.35 | 31.3175 | 5.75819444 | 14.34 | 27.1201 | 5.92532407 | 13.85 | 24.0592 |
| 5.59106482 | 14.35 | 31.2692 | 5.75831019 | 14.34 | 25.1871 | 5.92543982 | 13.83 | 24.0943 |
| 5.59118056 | 14.35 | 31.2692 | 5.75842593 | 14.35 | 29.321 | 5.92555556 | 13.85 | 24.062 |
| 5.5912963 | 14.35 | 31.2065 | 5.75854167 | 14.34 | 26.7003 | 5.9256713 | 13.83 | 24.083 |
| 5.59141204 | 14.35 | 31.245 | 5.75865741 | 14.35 | 28.7451 | 5.92578704 | 13.85 | 24.0536 |
| 5.59152778 | 14.35 | 30.6245 | 5.75877315 | 14.35 | 28.7121 | 5.92590278 | 13.83 | 24.0717 |
| 5.59164352 | 14.35 | 30.8398 | 5.75888889 | 14.35 | 29.0998 | 5.92601852 | 13.83 | 24.066 |
| 5.59175926 | 14.37 | 30.4976 | 5.75900463 | 14.35 | 28.9862 | 5.92613426 | 13.85 | 24.0762 |
| 5.591875 | 14.37 | 30.8145 | 5.75912037 | 14.34 | 25.7164 | 5.92625 | 13.85 | 24.1556 |
| 5.59199074 | 14.38 | 29.553 | 5.75923611 | 14.34 | 26.6009 | 5.92636574 | 13.83 | 24.1681 |
| 5.59210648 | 14.4 | 29.7877 | 5.75935185 | 14.34 | 28.1226 | 5.92648148 | 13.83 | 24.1824 |
| 5.59222222 | 14.41 | 28.6719 | 5.75946759 | 14.34 | 26.8472 | 5.92659722 | 13.83 | 24.1539 |
| 5.59233796 | 14.38 | 30.1021 | 5.75958333 | 14.35 | 28.2304 | 5.92671296 | 13.85 | 24.2471 |
| 5.5924537 | 14.37 | 30.6692 | 5.75969907 | 14.34 | 28.1029 | 5.9268287 | 13.85 | 24.2845 |
| 5.59256944 | 14.35 | 30.9675 | 5.75981482 | 14.34 | 28.4382 | 5.92694444 | 13.86 | 24.4699 |
| 5.59268519 | 14.35 | 31.0579 | 5.75993056 | 14.34 | 28.182 | 5.92706019 | 13.85 | 24.3829 |
| 5.59280093 | 14.34 | 31.229 | 5.7600463 | 14.35 | 28.4551 | 5.92717593 | 13.85 | 24.4499 |
| 5.59291667 | 14.32 | 31.2982 | 5.76016204 | 14.35 | 28.2344 | 5.92729167 | 13.85 | 24.3047 |
| 5.59303241 | 14.34 | 31.345 | 5.76027778 | 14.35 | 28.5769 | 5.92740741 | 13.85 | 24.2385 |
| 5.59314815 | 14.34 | 31.3402 | 5.76039352 | 14.35 | 28.6259 | 5.92752315 | 13.86 | 24.3591 |
| 5.59326389 | 14.32 | 31.3709 | 5.76050926 | 14.35 | 28.7286 | 5.92763889 | 13.85 | 24.2299 |
| 5.59337963 | 14.32 | 31.4001 | 5.760625 | 14.35 | 29.0703 | 5.92775463 | 13.85 | 24.2529 |
| 5.59349537 | 14.34 | 31.3693 | 5.76074074 | 14.35 | 28.8901 | 5.92787037 | 13.85 | 24.3336 |
| 5.59361111 | 14.34 | 31.3596 | 5.76085648 | 14.34 | 28.4746 | 5.92798611 | 13.85 | 24.3133 |
| 5.59372685 | 14.32 | 31.4293 | 5.76097222 | 14.35 | 28.4713 | 5.92810185 | 13.85 | 24.3133 |
| 5.59384259 | 14.34 | 31.4082 | 5.76108796 | 14.32 | 25.8623 | 5.92821759 | 13.85 | 24.3047 |
| 5.59395833 | 14.35 | 31.3078 | 5.7612037 | 14.34 | 27.7752 | 5.92833333 | 13.85 | 24.2903 |
| 5.59407407 | 14.34 | 31.3547 | 5.76131944 | 14.35 | 27.6797 | 5.92844907 | 13.83 | 24.3115 |
| 5.59418982 | 14.34 | 31.3353 | 5.76143519 | 14.34 | 26.9448 | 5.92856482 | 13.85 | 24.4441 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59430556 | 14.37 | 31.2 | 5.76155093 | 14.34 | 25.5982 | 5.92868056 | 13.85 | 24.3945 |
| 5.5944213 | 14.35 | 31.2885 | 5.76166667 | 14.34 | 26.1971 | 5.9287963 | 13.85 | 24.4061 |
| 5.59453704 | 14.35 | 31.3175 | 5.76178241 | 14.34 | 26.2935 | 5.92891204 | 13.85 | 24.3654 |
| 5.59465278 | 14.35 | 31.303 | 5.76189815 | 14.34 | 26.1595 | 5.92902778 | 13.85 | 24.4441 |
| 5.59476852 | 14.34 | 31.2627 | 5.76201389 | 14.32 | 25.0963 | 5.92914352 | 13.85 | 24.535 |
| 5.59488426 | 14.4 | 30.2086 | 5.76212963 | 14.34 | 26.3142 | 5.92925926 | 13.85 | 24.4353 |
| 5.595 | 14.37 | 30.9041 | 5.76224537 | 14.34 | 26.8724 | 5.929375 | 13.83 | 24.2885 |
| 5.59511574 | 14.37 | 31.1711 | 5.76236111 | 14.34 | 27.3201 | 5.92949074 | 13.85 | 24.2529 |
| 5.59523148 | 14.37 | 31.1375 | 5.76247685 | 14.35 | 27.3879 | 5.92960648 | 13.85 | 24.3452 |
| 5.59534722 | 14.38 | 30.6987 | 5.76259259 | 14.34 | 27.1938 | 5.92972222 | 13.85 | 24.3047 |
| 5.59546296 | 14.38 | 30.9198 | 5.76270833 | 14.34 | 27.4363 | 5.92983796 | 13.83 | 24.191 |
| 5.5955787 | 14.37 | 31.1327 | 5.76282407 | 14.34 | 27.6295 | 5.9299537 | 13.83 | 24.1085 |
| 5.59569444 | 14.38 | 31.0386 | 5.76293982 | 14.35 | 27.7296 | 5.93006944 | 13.83 | 24.1 |
| 5.59581019 | 14.38 | 30.7783 | 5.76305556 | 14.35 | 27.7296 | 5.93018519 | 13.82 | 24.0836 |
| 5.59592593 | 14.38 | 30.9103 | 5.7631713 | 14.34 | 27.5231 | 5.93030093 | 13.82 | 24.1006 |
| 5.59604167 | 14.37 | 30.999 | 5.76328704 | 14.34 | 26.6825 | 5.93041667 | 13.82 | 24.0723 |
| 5.59615741 | 14.37 | 31.0562 | 5.76340278 | 14.34 | 26.9412 | 5.93053241 | 13.82 | 24.0356 |
| 5.59627315 | 14.35 | 31.0627 | 5.76351852 | 14.34 | 27.3799 | 5.93064815 | 13.82 | 24.0047 |
| 5.59638889 | 14.37 | 31.0133 | 5.76363426 | 14.34 | 26.8941 | 5.93076389 | 13.82 | 24.0188 |
| 5.59650463 | 14.37 | 31.0133 | 5.76375 | 14.34 | 28.0399 | 5.93087963 | 13.82 | 24.0188 |
| 5.59662037 | 14.37 | 31.1088 | 5.76386574 | 14.35 | 27.857 | 5.93099537 | 13.82 | 24.0047 |
| 5.59673611 | 14.37 | 31.0037 | 5.76398148 | 14.35 | 28.1312 | 5.93111111 | 13.83 | 24.021 |
| 5.59685185 | 14.37 | 31.0466 | 5.76409722 | 14.35 | 28.2025 | 5.93122685 | 13.82 | 24.0103 |
| 5.59696759 | 14.35 | 31.1392 | 5.76421296 | 14.34 | 28.4261 | 5.93134259 | 13.82 | 24.0413 |
| 5.59708333 | 14.35 | 31.2257 | 5.7643287 | 14.35 | 28.5362 | 5.93145833 | 13.82 | 24.0244 |
| 5.59719907 | 14.35 | 31.2113 | 5.76444444 | 14.35 | 28.5769 | 5.93157407 | 13.89 | 24.9564 |
| 5.59731482 | 14.34 | 31.2627 | 5.76456019 | 14.35 | 28.5606 | 5.93168982 | 13.88 | 24.9232 |
| 5.59743056 | 14.34 | 31.2772 | 5.76467593 | 14.35 | 28.5973 | 5.93180556 | 13.83 | 24.2425 |
| 5.5975463 | 14.34 | 31.2676 | 5.76479167 | 14.35 | 28.7162 | 5.9319213 | 13.85 | 24.2989 |
| 5.59766204 | 14.37 | 30.9942 | 5.76490741 | 14.35 | 28.7451 | 5.93203704 | 13.85 | 24.4704 |
| 5.59777778 | 14.38 | 30.7549 | 5.76502315 | 14.35 | 28.7492 | 5.93215278 | 13.85 | 24.5733 |
| 5.59789352 | 14.44 | 28.7776 | 5.76513889 | 14.35 | 28.7409 | 5.93226852 | 13.83 | 24.4392 |
| 5.59800926 | 14.4 | 30.0281 | 5.76525463 | 14.35 | 28.6915 | 5.93238426 | 13.83 | 3.0228 |
| 5.598125 | 14.48 | 26.1303 | 5.76537037 | 14.35 | 28.6546 | 5.9325 | 13.83 | 24.191 |
| 5.59824074 | 14.41 | 29.6831 | 5.76548611 | 14.35 | 28.6546 | 5.93261574 | 13.83 | 24.1995 |
| 5.59835648 | 14.37 | 30.3597 | 5.76560185 | 14.35 | 28.6178 | 5.93273148 | 13.82 | 24.0554 |
| 5.59847222 | 14.38 | 29.8828 | 5.76571759 | 14.35 | 28.5851 | 5.93284722 | 13.83 | 24.0407 |
| 5.59858796 | 14.37 | 30.8333 | 5.76583333 | 14.35 | 28.5973 | 5.93296296 | 13.82 | 24.0441 |
| 5.5987037 | 14.35 | 31.034 | 5.76594907 | 14.35 | 28.6218 | 5.9330787 | 13.83 | 24.254 |
| 5.59881944 | 14.32 | 31.4537 | 5.76606482 | 14.35 | 28.7451 | 5.93319444 | 13.85 | 24.2845 |
| 5.59893519 | 14.34 | 31.3985 | 5.76618056 | 14.35 | 28.7616 | 5.93331019 | 13.85 | 24.4704 |
| 5.59905093 | 14.32 | 31.4586 | 5.7662963 | 14.35 | 28.8984 | 5.93342593 | 13.85 | 24.3539 |
| 5.59916667 | 14.32 | 31.4977 | 5.76641204 | 14.35 | 28.9402 | 5.93354167 | 13.85 | 24.2989 |
| 5.59928241 | 14.34 | 31.4179 | 5.76652778 | 14.35 | 28.936 | 5.93365741 | 13.85 | 24.2529 |
| 5.59939815 | 14.34 | 31.379 | 5.76664352 | 14.35 | 28.8444 | 5.93377315 | 13.83 | 24.2712 |
| 5.59951389 | 14.34 | 31.3208 | 5.76675926 | 14.35 | 28.8319 | 5.93388889 | 13.85 | 24.25 |
| 5.59962963 | 14.34 | 31.2386 | 5.766875 | 14.34 | 28.9351 | 5.93400463 | 13.83 | 24.2626 |
| 5.59974537 | 14.34 | 31.1712 | 5.76699074 | 14.34 | 28.9979 | 5.93412037 | 13.85 | 24.2701 |
| 5.59986111 | 14.34 | 31.2193 | 5.76710648 | 14.35 | 29.0324 | 5.93423611 | 13.85 | 24.2989 |
| 5.59997685 | 14.34 | 31.2772 | 5.76722222 | 14.35 | 29.1082 | 5.93435185 | 13.85 | 24.273 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60009259 | 14.32 | 31.3031 | 5.76733796 | 14.34 | 29.0567 | 5.93446759 | 13.85 | 24.2787 |
| 5.60020833 | 14.32 | 31.3176 | 5.7674537 | 14.35 | 28.9988 | 5.93458333 | 13.83 | 24.2597 |
| 5.60032407 | 14.32 | 31.4732 | 5.76756944 | 14.34 | 29.0021 | 5.93469907 | 13.82 | 24.2832 |
| 5.60043982 | 14.31 | 31.5205 | 5.76768519 | 14.35 | 28.9988 | 5.93481482 | 13.85 | 24.25 |
| 5.60055556 | 14.32 | 31.532 | 5.76780093 | 14.35 | 28.9485 | 5.93493056 | 13.83 | 24.2683 |
| 5.6006713 | 14.31 | 31.4911 | 5.76791667 | 14.35 | 29.21 | 5.9350463 | 13.85 | 24.2156 |
| 5.60078704 | 14.31 | 31.4765 | 5.76803241 | 14.35 | 29.0324 | 5.93516204 | 13.85 | 24.2156 |
| 5.60090278 | 14.31 | 31.4814 | 5.76814815 | 14.34 | 29.1115 | 5.93527778 | 13.83 | 24.2453 |
| 5.60101852 | 14.32 | 31.3904 | 5.76826389 | 14.35 | 29.0829 | 5.93539352 | 13.83 | 24.211 |
| 5.60113426 | 14.32 | 31.3709 | 5.76837963 | 14.34 | 29.1369 | 5.93550926 | 13.83 | 24.211 |
| 5.60125 | 14.32 | 31.4147 | 5.76849537 | 14.32 | 29.6075 | 5.935625 | 13.85 | 24.207 |
| 5.60136574 | 14.31 | 31.4521 | 5.76861111 | 14.32 | 29.6949 | 5.93574074 | 13.83 | 24.1482 |
| 5.60148148 | 14.31 | 31.4082 | 5.76872685 | 14.32 | 29.5596 | 5.93585648 | 13.83 | 24.171 |
| 5.60159722 | 14.31 | 31.3985 | 5.76884259 | 14.31 | 29.4459 | 5.93597222 | 13.83 | 24.2396 |
| 5.60171296 | 14.32 | 31.3127 | 5.76895833 | 14.32 | 29.8891 | 5.93608796 | 13.83 | 24.2396 |
| 5.6018287 | 14.32 | 31.3564 | 5.76907407 | 14.32 | 29.5465 | 5.9362037 | 13.83 | 24.2396 |
| 5.60194444 | 14.32 | 31.4537 | 5.76918982 | 14.34 | 29.4879 | 5.93631944 | 13.83 | 24.2081 |
| 5.60206019 | 14.32 | 31.4683 | 5.76930556 | 14.32 | 29.5944 | 5.93643519 | 13.83 | 24.2081 |
| 5.60217593 | 14.32 | 31.4342 | 5.7694213 | 14.32 | 29.7213 | 5.93655093 | 13.83 | 24.2081 |
| 5.60229167 | 14.32 | 31.405 | 5.76953704 | 14.31 | 29.9547 | 5.93666667 | 13.83 | 24.2024 |
| 5.60240741 | 14.32 | 31.4098 | 5.76965278 | 14.31 | 29.8968 | 5.93678241 | 13.83 | 24.171 |
| 5.60252315 | 14.32 | 31.3758 | 5.76976852 | 14.31 | 29.9547 | 5.93689815 | 13.82 | 24.1488 |
| 5.60263889 | 14.32 | 31.3467 | 5.76988426 | 14.31 | 29.8082 | 5.93701389 | 13.83 | 24.1568 |
| 5.60275463 | 14.32 | 31.2741 | 5.77 | 14.31 | 30.0217 | 5.93712963 | 13.83 | 24.1853 |
| 5.60287037 | 14.32 | 31.1585 | 5.77011574 | 14.3 | 30.0608 | 5.93724537 | 13.85 | 24.2816 |
| 5.60298611 | 14.34 | 31.1041 | 5.77023148 | 14.31 | 29.9368 | 5.93736111 | 13.83 | 24.2798 |
| 5.60310185 | 14.34 | 31.1808 | 5.77034722 | 14.3 | 29.9936 | 5.93747685 | 13.83 | 24.1796 |
| 5.60321759 | 14.34 | 31.2145 | 5.77046296 | 14.3 | 29.9936 | 5.93759259 | 13.82 | 24.1687 |
| 5.60333333 | 14.34 | 31.1281 | 5.7705787 | 14.3 | 30.0563 | 5.93770833 | 13.82 | 24.1687 |
| 5.60344907 | 14.32 | 31.1154 | 5.77069444 | 14.31 | 29.9368 | 5.93782407 | 13.83 | 24.2511 |
| 5.60356482 | 14.34 | 31.2193 | 5.77081019 | 14.31 | 29.9324 | 5.93793982 | 13.82 | 24.2373 |
| 5.60368056 | 14.32 | 31.3321 | 5.77092593 | 14.3 | 29.9981 | 5.93805556 | 13.82 | 24.2087 |
| 5.6037963 | 14.32 | 31.3031 | 5.77104167 | 14.3 | 29.9847 | 5.9381713 | 13.82 | 24.1374 |
| 5.60391204 | 14.32 | 31.2403 | 5.77115741 | 14.31 | 29.9591 | 5.93828704 | 13.82 | 24.2373 |
| 5.60402778 | 14.34 | 31.176 | 5.77127315 | 14.3 | 29.9134 | 5.93840278 | 13.82 | 24.2201 |
| 5.60414352 | 14.34 | 31.1376 | 5.77138889 | 14.3 | 30.007 | 5.93851852 | 13.82 | 24.1403 |
| 5.60425926 | 14.34 | 30.9755 | 5.77150463 | 14.3 | 30.0877 | 5.93863426 | 13.8 | 24.1386 |
| 5.604375 | 14.37 | 30.8569 | 5.77162037 | 14.3 | 29.9981 | 5.93875 | 13.8 | 24.1159 |
| 5.60449074 | 14.37 | 30.8522 | 5.77173611 | 14.3 | 30.0115 | 5.93886574 | 13.8 | 24.1074 |
| 5.60460648 | 14.37 | 30.942 | 5.77185185 | 14.28 | 30.0494 | 5.93898148 | 13.8 | 24.0933 |
| 5.60472222 | 14.35 | 30.9817 | 5.77196759 | 14.28 | 30.0628 | 5.93909722 | 13.8 | 23.9947 |
| 5.60483796 | 14.35 | 31.0198 | 5.77208333 | 14.28 | 30.0181 | 5.93921296 | 13.79 | 23.9842 |
| 5.6049537 | 14.37 | 30.999 | 5.77219907 | 14.28 | 30.0673 | 5.9393287 | 13.79 | 23.9758 |
| 5.60506944 | 14.35 | 31.015 | 5.77231482 | 14.28 | 30.0673 | 5.93944444 | 13.79 | 23.973 |
| 5.60518519 | 14.37 | 30.9467 | 5.77243056 | 14.28 | 30.0808 | 5.93956019 | 13.8 | 24.0144 |
| 5.60530093 | 14.35 | 31.077 | 5.7725463 | 14.27 | 30.0616 | 5.93967593 | 13.79 | 23.9814 |
| 5.60541667 | 14.35 | 31.0579 | 5.77266204 | 14.28 | 30.0673 | 5.93979167 | 13.79 | 23.959 |
| 5.60553241 | 14.35 | 31.0865 | 5.77277778 | 14.27 | 30.1786 | 5.93990741 | 13.79 | 23.9674 |
| 5.60564815 | 14.35 | 31.0674 | 5.77289352 | 14.27 | 30.1335 | 5.94002315 | 13.8 | 23.9695 |
| 5.60576389 | 14.35 | 31.0102 | 5.77300926 | 14.27 | 30.1155 | 5.94013889 | 13.8 | 23.9891 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60587963 | 14.35 | 31.0055 | 5.773125 | 14.27 | 30.0751 | 5.94025463 | 13.79 | 23.9954 |
| 5.60599537 | 14.35 | 30.9201 | 5.77324074 | 14.28 | 30.1123 | 5.94037037 | 13.79 | 24.0122 |
| 5.60611111 | 14.37 | 30.999 | 5.77335648 | 14.27 | 30.1155 | 5.94048611 | 13.8 | 24.006 |
| 5.60622685 | 14.35 | 31.0245 | 5.77347222 | 14.27 | 30.0931 | 5.94060185 | 13.8 | 23.9695 |
| 5.60634259 | 14.37 | 30.961 | 5.77358796 | 14.27 | 30.0751 | 5.94071759 | 13.8 | 23.9667 |
| 5.60645833 | 14.35 | 31.0483 | 5.7737037 | 14.27 | 30.0886 | 5.94083333 | 13.8 | 23.9891 |
| 5.60657407 | 14.35 | 31.1057 | 5.77381944 | 14.27 | 30.0303 | 5.94094907 | 13.8 | 24.0031 |
| 5.60668982 | 14.35 | 31.0913 | 5.77393519 | 14.28 | 29.6119 | 5.94106482 | 13.8 | 23.9751 |
| 5.60680556 | 14.35 | 31.0531 | 5.77405093 | 14.3 | 29.684 | 5.94118056 | 13.79 | 23.9954 |
| 5.6069213 | 14.35 | 31.1152 | 5.77416667 | 14.3 | 29.501 | 5.9412963 | 13.8 | 23.9891 |
| 5.60703704 | 14.35 | 31.1105 | 5.77428241 | 14.31 | 29.0161 | 5.94141204 | 13.8 | 23.9891 |
| 5.60715278 | 14.34 | 31.176 | 5.77439815 | 14.31 | 29.0119 | 5.94152778 | 13.8 | 24.0031 |
| 5.60726852 | 14.35 | 31.1248 | 5.77451389 | 14.32 | 28.5624 | 5.94164352 | 13.8 | 24.0707 |
| 5.60738426 | 14.34 | 31.1329 | 5.77462963 | 14.31 | 28.3876 | 5.94175926 | 13.82 | 24.0779 |
| 5.6075 | 14.34 | 31.1185 | 5.77474537 | 14.3 | 29.7454 | 5.941875 | 13.8 | 24.1131 |
| 5.60761574 | 14.34 | 31.1329 | 5.77486111 | 14.31 | 29.3942 | 5.94199074 | 13.82 | 24.1147 |
| 5.60773148 | 14.34 | 31.152 | 5.77497685 | 14.3 | 29.7146 | 5.94210648 | 13.8 | 24.15 |
| 5.60784722 | 14.35 | 31.0818 | 5.77509259 | 14.31 | 29.5411 | 5.94222222 | 13.82 | 24.1261 |
| 5.60796296 | 14.34 | 31.1185 | 5.77520833 | 14.3 | 29.6184 | 5.94233796 | 13.8 | 24.1187 |
| 5.6080787 | 14.34 | 31.1329 | 5.77532407 | 14.3 | 29.3288 | 5.9424537 | 13.82 | 24.1374 |
| 5.60819444 | 14.35 | 31.0913 | 5.77543982 | 14.3 | 29.4147 | 5.94256944 | 13.82 | 24.1147 |
| 5.60831019 | 14.34 | 31.0946 | 5.77555556 | 14.3 | 29.4664 | 5.94268519 | 13.8 | 24.227 |
| 5.60842593 | 14.35 | 31.0913 | 5.7756713 | 14.28 | 29.7652 | 5.94280093 | 13.82 | 24.1972 |
| 5.60854167 | 14.35 | 31.0865 | 5.77578704 | 14.3 | 28.8691 | 5.94291667 | 13.83 | 24.2367 |
| 5.60865741 | 14.34 | 31.1281 | 5.77590278 | 14.3 | 29.5314 | 5.94303241 | 13.82 | 24.1887 |
| 5.60877315 | 14.34 | 31.1233 | 5.77601852 | 14.31 | 29.27 | 5.94314815 | 13.83 | 24.2196 |
| 5.60888889 | 14.34 | 31.1185 | 5.77613426 | 14.31 | 29.4675 | 5.94326389 | 13.83 | 24.2511 |
| 5.60900463 | 14.34 | 31.0707 | 5.77625 | 14.31 | 29.4632 | 5.94337963 | 13.8 | 24.1358 |
| 5.60912037 | 14.34 | 31.1089 | 5.77636574 | 14.31 | 29.4545 | 5.94349537 | 13.8 | 24.1272 |
| 5.60923611 | 14.34 | 31.1089 | 5.77648148 | 14.31 | 29.65 | 5.94361111 | 13.8 | 24.0481 |
| 5.60935185 | 14.34 | 31.1041 | 5.77659722 | 14.3 | 29.8735 | 5.94372685 | 13.79 | 24.0459 |
| 5.60946759 | 14.34 | 31.1089 | 5.77671296 | 14.28 | 29.9244 | 5.94384259 | 13.77 | 24.0387 |
| 5.60958333 | 14.34 | 31.1185 | 5.7768287 | 14.3 | 29.9179 | 5.94395833 | 13.77 | 24.0218 |
| 5.60969907 | 14.34 | 31.1664 | 5.77694444 | 14.28 | 29.92 | 5.94407407 | 13.79 | 24.001 |
| 5.60981482 | 14.34 | 31.0993 | 5.77706019 | 14.3 | 29.9045 | 5.94418982 | 13.77 | 23.9854 |
| 5.60993056 | 14.34 | 31.1137 | 5.77717593 | 14.28 | 29.9467 | 5.94430556 | 13.77 | 23.9854 |
| 5.6100463 | 14.34 | 31.0659 | 5.77729167 | 14.28 | 29.92 | 5.9444213 | 13.77 | 23.9826 |
| 5.61016204 | 14.34 | 31.1472 | 5.77740741 | 14.28 | 29.9511 | 5.94453704 | 13.77 | 23.9854 |
| 5.61027778 | 14.34 | 31.1712 | 5.77752315 | 14.28 | 29.9333 | 5.94465278 | 13.77 | 24.0303 |
| 5.61039352 | 14.34 | 31.1329 | 5.77763889 | 14.28 | 29.9022 | 5.94476852 | 13.76 | 24.0225 |
| 5.61050926 | 14.34 | 31.0993 | 5.77775463 | 14.27 | 29.941 | 5.94488426 | 13.77 | 23.9547 |
| 5.610625 | 14.34 | 31.1041 | 5.77787037 | 14.27 | 29.9856 | 5.945 | 13.76 | 23.947 |
| 5.61074074 | 14.34 | 31.0898 | 5.77798611 | 14.27 | 29.9722 | 5.94511574 | 13.77 | 23.9352 |
| 5.61085648 | 14.34 | 31.0373 | 5.77810185 | 14.28 | 29.9734 | 5.94523148 | 13.76 | 23.9414 |
| 5.61097222 | 14.35 | 30.8351 | 5.77821759 | 14.28 | 30.0002 | 5.94534722 | 13.77 | 23.9352 |
| 5.61108796 | 14.34 | 31.023 | 5.77833333 | 14.28 | 29.9289 | 5.94546296 | 13.77 | 23.9352 |
| 5.6112037 | 14.35 | 30.958 | 5.77844907 | 14.28 | 29.96 | 5.9455787 | 13.76 | 23.8969 |
| 5.61131944 | 14.35 | 30.5596 | 5.77856482 | 14.28 | 29.9467 | 5.94569444 | 13.75 | 23.8616 |
| 5.61143519 | 14.37 | 30.5531 | 5.77868056 | 14.28 | 29.9467 | 5.94581019 | 13.75 | 23.8616 |
| 5.61155093 | 14.37 | 30.8616 | 5.7787963 | 14.28 | 29.9511 | 5.94592593 | 13.76 | 23.8388 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61166667 | 14.37 | 30.5068 | 5.77891204 | 14.28 | 29.9333 | 5.94604167 | 13.76 | 23.8112 |
| 5.61178241 | 14.4 | 28.6628 | 5.77902778 | 14.28 | 29.8933 | 5.94615741 | 13.76 | 23.825 |
| 5.61189815 | 14.4 | 29.1936 | 5.77914352 | 14.28 | 29.9155 | 5.94627315 | 13.76 | 23.8195 |
| 5.61201389 | 14.37 | 30.6832 | 5.77925926 | 14.28 | 29.9022 | 5.94638889 | 13.77 | 23.7968 |
| 5.61212963 | 14.37 | 30.5994 | 5.779375 | 14.28 | 29.8756 | 5.94650463 | 13.76 | 23.7892 |
| 5.61224537 | 14.37 | 30.2502 | 5.77949074 | 14.28 | 29.9155 | 5.94662037 | 13.77 | 23.8133 |
| 5.61236111 | 14.38 | 29.2342 | 5.77960648 | 14.28 | 29.9022 | 5.94673611 | 13.76 | 23.8167 |
| 5.61247685 | 14.38 | 29.614 | 5.77972222 | 14.28 | 29.8978 | 5.94685185 | 13.76 | 23.8085 |
| 5.61259259 | 14.35 | 30.6991 | 5.77983796 | 14.28 | 29.8446 | 5.94696759 | 13.77 | 23.8023 |
| 5.61270833 | 14.38 | 29.4922 | 5.7799537 | 14.28 | 29.8756 | 5.94708333 | 13.77 | 23.8271 |
| 5.61282407 | 14.34 | 30.9186 | 5.78006944 | 14.28 | 29.8623 | 5.94719907 | 13.77 | 23.8188 |
| 5.61293982 | 14.35 | 30.8822 | 5.78018519 | 14.3 | 29.741 | 5.94731482 | 13.77 | 23.8381 |
| 5.61305556 | 14.35 | 30.7131 | 5.78030093 | 14.28 | 29.8534 | 5.94743056 | 13.79 | 23.87 |
| 5.6131713 | 14.34 | 30.928 | 5.78041667 | 14.28 | 29.6643 | 5.9475463 | 13.77 | 23.8713 |
| 5.61328704 | 14.35 | 30.8069 | 5.78053241 | 14.28 | 29.5379 | 5.94766204 | 13.77 | 23.8685 |
| 5.61340278 | 14.34 | 31.0278 | 5.78064815 | 14.28 | 29.1905 | 5.94777778 | 13.77 | 23.8547 |
| 5.61351852 | 14.35 | 31.0055 | 5.78076389 | 14.28 | 28.3935 | 5.94789352 | 13.79 | 23.8755 |
| 5.61363426 | 14.34 | 31.0373 | 5.78087963 | 14.28 | 28.6245 | 5.94800926 | 13.79 | 23.92 |
| 5.61375 | 14.34 | 30.8855 | 5.78099537 | 14.28 | 29.3097 | 5.948125 | 13.77 | 23.9185 |
| 5.61386574 | 14.34 | 31.1185 | 5.78111111 | 14.28 | 29.3611 | 5.94824074 | 13.77 | 23.9742 |
| 5.61398148 | 14.34 | 31.1568 | 5.78122685 | 14.28 | 29.6468 | 5.94835648 | 13.79 | 24.0713 |
| 5.61409722 | 14.35 | 31.1632 | 5.78134259 | 14.3 | 29.4967 | 5.94847222 | 13.79 | 24.0826 |
| 5.61421296 | 14.35 | 31.0865 | 5.78145833 | 14.28 | 28.3734 | 5.94858796 | 13.79 | 24.1392 |
| 5.6143287 | 14.34 | 31.1041 | 5.78157407 | 14.28 | 29.0891 | 5.9487037 | 13.79 | 24.015 |
| 5.61444444 | 14.34 | 31.1664 | 5.78168982 | 14.28 | 29.4601 | 5.94881944 | 13.77 | 24.005 |
| 5.61456019 | 14.35 | 31.12 | 5.78180556 | 14.28 | 29.1524 | 5.94893519 | 13.79 | 24.029 |
| 5.61467593 | 14.34 | 31.1137 | 5.7819213 | 14.27 | 29.1134 | 5.94905093 | 13.79 | 23.9758 |
| 5.61479167 | 14.34 | 31.1616 | 5.78203704 | 14.27 | 29.0966 | 5.94916667 | 13.79 | 23.9478 |
| 5.61490741 | 14.34 | 31.1041 | 5.78215278 | 14.28 | 29.638 | 5.94928241 | 13.79 | 24.029 |
| 5.61502315 | 14.34 | 31.1185 | 5.78226852 | 14.28 | 29.5857 | 5.94939815 | 13.79 | 24.0487 |
| 5.61513889 | 14.34 | 31.0946 | 5.78238426 | 14.28 | 29.6031 | 5.94951389 | 13.79 | 24.0797 |
| 5.61525463 | 14.34 | 31.1089 | 5.7825 | 14.3 | 29.6664 | 5.94962963 | 13.79 | 24.001 |
| 5.61537037 | 14.34 | 31.1233 | 5.78261574 | 14.28 | 29.6686 | 5.94974537 | 13.79 | 24.1562 |
| 5.61548611 | 14.34 | 31.0754 | 5.78273148 | 14.28 | 29.7828 | 5.94986111 | 13.79 | 24.0515 |
| 5.61560185 | 14.35 | 31.0865 | 5.78284722 | 14.28 | 29.6643 | 5.94997685 | 13.79 | 23.9339 |
| 5.61571759 | 14.34 | 31.0659 | 5.78296296 | 14.28 | 29.6249 | 5.95009259 | 13.79 | 23.9534 |
| 5.61583333 | 14.34 | 31.0421 | 5.7830787 | 14.28 | 29.8269 | 5.95020833 | 13.77 | 23.9826 |
| 5.61594907 | 14.34 | 31.0659 | 5.78319444 | 14.28 | 29.7828 | 5.95032407 | 13.79 | 23.9255 |
| 5.61606482 | 14.35 | 31.0674 | 5.78331019 | 14.28 | 29.8933 | 5.95043982 | 13.77 | 23.9519 |
| 5.61618056 | 14.34 | 31.085 | 5.78342593 | 14.28 | 29.9734 | 5.95055556 | 13.79 | 23.9506 |
| 5.6162963 | 14.35 | 31.1296 | 5.78354167 | 14.28 | 30.0136 | 5.9506713 | 13.79 | 23.9478 |
| 5.61641204 | 14.34 | 31.1329 | 5.78365741 | 14.28 | 29.9422 | 5.95078704 | 13.77 | 23.9185 |
| 5.61652778 | 14.35 | 31.0722 | 5.78377315 | 14.27 | 29.87 | 5.95090278 | 13.77 | 23.9407 |
| 5.61664352 | 14.34 | 31.085 | 5.78388889 | 14.28 | 29.8357 | 5.95101852 | 13.79 | 23.9172 |
| 5.61675926 | 14.35 | 30.9627 | 5.78400463 | 14.28 | 30.036 | 5.95113426 | 13.77 | 23.9074 |
| 5.616875 | 14.35 | 31.1009 | 5.78412037 | 14.28 | 30.0628 | 5.95125 | 13.77 | 23.9018 |
| 5.61699074 | 14.34 | 31.0087 | 5.78423611 | 14.28 | 30.0181 | 5.95136574 | 13.77 | 23.9324 |
| 5.61710648 | 14.34 | 30.8478 | 5.78435185 | 14.28 | 29.92 | 5.95148148 | 13.77 | 23.8879 |
| 5.61722222 | 14.34 | 30.9707 | 5.78446759 | 14.28 | 29.8712 | 5.95159722 | 13.77 | 23.9101 |
| 5.61733796 | 14.37 | 28.9461 | 5.78458333 | 14.27 | 29.6763 | 5.95171296 | 13.77 | 23.9018 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6174537 | 14.4 | 27.5184 | 5.78469907 | 14.27 | 29.6544 | 5.9518287 | 13.75 | 23.8643 |
| 5.61756944 | 14.43 | 26.3607 | 5.78481482 | 14.27 | 29.6021 | 5.95194444 | 13.75 | 23.9114 |
| 5.61768519 | 14.41 | 27.6829 | 5.78493056 | 14.27 | 29.7596 | 5.95206019 | 13.75 | 23.9003 |
| 5.61780093 | 14.41 | 28.155 | 5.7850463 | 14.27 | 29.9144 | 5.95217593 | 13.75 | 23.8948 |
| 5.61791667 | 14.45 | 25.4189 | 5.78516204 | 14.27 | 29.8966 | 5.95229167 | 13.76 | 23.9163 |
| 5.61803241 | 14.4 | 29.5682 | 5.78527778 | 14.25 | 29.8899 | 5.95240741 | 13.76 | 23.908 |
| 5.61814815 | 14.44 | 24.8978 | 5.78539352 | 14.27 | 29.7333 | 5.95252315 | 13.76 | 23.9025 |
| 5.61826389 | 14.47 | 24.371 | 5.78550926 | 14.24 | 29.4043 | 5.95263889 | 13.76 | 23.8941 |
| 5.61837963 | 14.48 | 24.9807 | 5.785625 | 14.25 | 29.4699 | 5.95275463 | 13.76 | 23.908 |
| 5.61849537 | 14.4 | 29.8408 | 5.78574074 | 14.25 | 29.4613 | 5.95287037 | 13.76 | 23.908 |
| 5.61861111 | 14.41 | 28.7378 | 5.78585648 | 14.25 | 29.4872 | 5.95298611 | 13.77 | 23.8879 |
| 5.61872685 | 14.43 | 26.9696 | 5.78597222 | 14.25 | 29.4915 | 5.95310185 | 13.76 | 23.8941 |
| 5.61884259 | 14.41 | 27.4245 | 5.78608796 | 14.27 | 29.589 | 5.95321759 | 13.75 | 23.8699 |
| 5.61895833 | 14.44 | 26.6886 | 5.7862037 | 14.25 | 29.5305 | 5.95333333 | 13.73 | 23.8767 |
| 5.61907407 | 14.41 | 27.7985 | 5.78631944 | 14.25 | 29.5045 | 5.95344907 | 13.75 | 23.892 |
| 5.61918982 | 14.38 | 29.7412 | 5.78643519 | 14.25 | 29.5522 | 5.95356482 | 13.75 | 24.0035 |
| 5.61930556 | 14.43 | 26.3921 | 5.78655093 | 14.24 | 29.5641 | 5.95368056 | 13.76 | 23.9721 |
| 5.6194213 | 14.4 | 28.4792 | 5.78666667 | 14.25 | 29.5478 | 5.9537963 | 13.76 | 23.9302 |
| 5.61953704 | 14.4 | 28.3983 | 5.78678241 | 14.25 | 29.5305 | 5.95391204 | 13.76 | 23.9275 |
| 5.61965278 | 14.38 | 29.4835 | 5.78689815 | 14.24 | 29.5728 | 5.95402778 | 13.76 | 23.9497 |
| 5.61976852 | 14.37 | 30.4469 | 5.78701389 | 14.25 | 29.5739 | 5.95414352 | 13.76 | 24.0449 |
| 5.61988426 | 14.35 | 31.034 | 5.78712963 | 14.25 | 29.6523 | 5.95425926 | 13.77 | 24.2029 |
| 5.62 | 14.35 | 30.9295 | 5.78724537 | 14.25 | 29.661 | 5.954375 | 13.77 | 24.2401 |
| 5.62011574 | 14.35 | 30.8492 | 5.78736111 | 14.25 | 29.7662 | 5.95449074 | 13.77 | 24.1858 |
| 5.62023148 | 14.34 | 31.0946 | 5.78747685 | 14.27 | 29.7729 | 5.95460648 | 13.79 | 24.2648 |
| 5.62034722 | 14.34 | 31.1233 | 5.78759259 | 14.25 | 29.6479 | 5.95472222 | 13.77 | 24.2688 |
| 5.62046296 | 14.37 | 31.0801 | 5.78770833 | 14.27 | 29.7333 | 5.95483796 | 13.77 | 24.286 |
| 5.6205787 | 14.37 | 31.0944 | 5.78782407 | 14.27 | 29.9455 | 5.9549537 | 13.77 | 24.2659 |
| 5.62069444 | 14.37 | 30.6459 | 5.78793982 | 14.25 | 29.8235 | 5.95506944 | 13.79 | 24.2791 |
| 5.62081019 | 14.35 | 30.6851 | 5.78805556 | 14.25 | 29.775 | 5.95518519 | 13.79 | 24.2935 |
| 5.62092593 | 14.35 | 30.8492 | 5.7881713 | 14.27 | 29.8877 | 5.95530093 | 13.79 | 24.2849 |
| 5.62104167 | 14.35 | 30.2931 | 5.78828704 | 14.25 | 29.7882 | 5.95541667 | 13.77 | 24.3148 |
| 5.62115741 | 14.37 | 30.1595 | 5.78840278 | 14.25 | 29.8147 | 5.95553241 | 13.77 | 24.2774 |
| 5.62127315 | 14.38 | 28.694 | 5.78851852 | 14.27 | 29.7026 | 5.95564815 | 13.79 | 24.2562 |
| 5.62138889 | 14.38 | 28.9387 | 5.78863426 | 14.25 | 29.753 | 5.95576389 | 13.77 | 24.3061 |
| 5.62150463 | 14.38 | 29.0604 | 5.78875 | 14.25 | 29.7838 | 5.95587963 | 13.77 | 24.2975 |
| 5.62162037 | 14.4 | 27.9379 | 5.78886574 | 14.25 | 29.7442 | 5.95599537 | 13.79 | 24.2791 |
| 5.62173611 | 14.37 | 29.9886 | 5.78898148 | 14.25 | 29.6435 | 5.95611111 | 13.79 | 24.2619 |
| 5.62185185 | 14.37 | 30.0694 | 5.78909722 | 14.25 | 29.6872 | 5.95622685 | 13.79 | 24.2791 |
| 5.62196759 | 14.35 | 29.9104 | 5.78921296 | 14.25 | 29.7574 | 5.95634259 | 13.79 | 24.2562 |
| 5.62208333 | 14.4 | 28.202 | 5.7893287 | 14.25 | 29.7355 | 5.95645833 | 13.77 | 24.2516 |
| 5.62219907 | 14.45 | 25.8761 | 5.78944444 | 14.25 | 29.8015 | 5.95657407 | 13.77 | 24.2516 |
| 5.62231482 | 14.4 | 28.7865 | 5.78956019 | 14.25 | 29.7179 | 5.95668982 | 13.77 | 24.2688 |
| 5.62243056 | 14.5 | 22.9295 | 5.78967593 | 14.22 | 29.6447 | 5.95680556 | 13.77 | 24.2602 |
| 5.6225463 | 14.57 | 17.0878 | 5.78979167 | 14.24 | 29.6163 | 5.9569213 | 13.77 | 24.2544 |
| 5.62266204 | 14.51 | 21.314 | 5.78990741 | 14.24 | 29.6381 | 5.95703704 | 13.77 | 24.2458 |
| 5.62277778 | 14.58 | 15.6823 | 5.79002315 | 14.22 | 29.6971 | 5.95715278 | 13.79 | 24.2247 |
| 5.62289352 | 14.5 | 21.7252 | 5.79013889 | 14.24 | 29.6556 | 5.95726852 | 13.77 | 24.2315 |
| 5.62300926 | 14.5 | 23.1787 | 5.79025463 | 14.24 | 29.6381 | 5.95738426 | 13.77 | 24.2372 |
| 5.623125 | 14.57 | 17.9544 | 5.79037037 | 14.24 | 29.6556 | 5.9575 | 13.77 | 24.2287 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62324074 | 14.56 | 17.7672 | 5.79048611 | 14.24 | 29.6294 | 5.95761574 | 13.77 | 24.2372 |
| 5.62335648 | 14.5 | 22.1316 | 5.79060185 | 14.24 | 29.6687 | 5.95773148 | 13.79 | 24.2275 |
| 5.62347222 | 14.57 | 17.147 | 5.79071759 | 14.24 | 29.6949 | 5.95784722 | 13.77 | 24.1858 |
| 5.62358796 | 14.57 | 16.7504 | 5.79083333 | 14.24 | 29.7256 | 5.95796296 | 13.77 | 24.0894 |
| 5.6237037 | 14.47 | 26.3545 | 5.79094907 | 14.24 | 29.6905 | 5.9580787 | 13.77 | 24.1205 |
| 5.62381944 | 14.51 | 21.2196 | 5.79106482 | 14.24 | 29.673 | 5.95819444 | 13.77 | 24.0443 |
| 5.62393519 | 14.5 | 20.9854 | 5.79118056 | 14.24 | 29.7037 | 5.95831019 | 13.77 | 24.0894 |
| 5.62405093 | 14.54 | 18.8334 | 5.7912963 | 14.24 | 29.818 | 5.95842593 | 13.77 | 24.0331 |
| 5.62416667 | 14.5 | 22.0219 | 5.79141204 | 14.24 | 29.7124 | 5.95854167 | 13.76 | 24.0084 |
| 5.62428241 | 14.57 | 17.4397 | 5.79152778 | 14.22 | 29.7146 | 5.95865741 | 13.76 | 24.0675 |
| 5.62439815 | 14.56 | 16.6463 | 5.79164352 | 14.24 | 29.7256 | 5.95877315 | 13.76 | 23.9721 |
| 5.62451389 | 14.57 | 17.3325 | 5.79175926 | 14.24 | 29.7388 | 5.95888889 | 13.76 | 24.0309 |
| 5.62462963 | 14.57 | 17.2208 | 5.791875 | 14.22 | 29.7146 | 5.95900463 | 13.76 | 23.986 |
| 5.62474537 | 14.54 | 18.016 | 5.79199074 | 14.24 | 29.8268 | 5.95912037 | 13.76 | 23.9637 |
| 5.62486111 | 14.51 | 20.9396 | 5.79210648 | 14.25 | 29.8766 | 5.95923611 | 13.76 | 24.0225 |
| 5.62497685 | 14.51 | 20.3616 | 5.79222222 | 14.25 | 29.85 | 5.95935185 | 13.76 | 24.0084 |
| 5.62509259 | 14.54 | 18.103 | 5.79233796 | 14.24 | 29.8799 | 5.95946759 | 13.75 | 23.9588 |
| 5.62520833 | 14.56 | 17.8687 | 5.7924537 | 14.24 | 29.7475 | 5.95958333 | 13.73 | 23.9433 |
| 5.62532407 | 14.54 | 19.2464 | 5.79256944 | 14.22 | 29.7059 | 5.95969907 | 13.75 | 23.8837 |
| 5.62543982 | 14.57 | 17.5614 | 5.79268519 | 14.22 | 29.719 | 5.95981482 | 13.73 | 23.8684 |
| 5.62555556 | 14.53 | 20.4938 | 5.79280093 | 14.22 | 29.7541 | 5.95993056 | 13.73 | 23.8188 |
| 5.6256713 | 14.48 | 24.9217 | 5.79291667 | 14.22 | 29.741 | 5.9600463 | 13.73 | 23.7721 |
| 5.62578704 | 14.48 | 22.0095 | 5.79303241 | 14.24 | 29.6905 | 5.96016204 | 13.73 | 23.7474 |
| 5.62590278 | 14.54 | 17.7057 | 5.79314815 | 14.22 | 29.7453 | 5.96027778 | 13.73 | 23.8325 |
| 5.62601852 | 14.53 | 20.7316 | 5.79326389 | 14.22 | 29.8202 | 5.96039352 | 13.73 | 23.8491 |
| 5.62613426 | 14.38 | 28.8304 | 5.79337963 | 14.24 | 29.7475 | 5.96050926 | 13.73 | 23.8023 |
| 5.62625 | 14.47 | 20.7844 | 5.79349537 | 14.24 | 29.7871 | 5.960625 | 13.75 | 23.7927 |
| 5.62636574 | 14.37 | 30.0245 | 5.79361111 | 14.22 | 29.829 | 5.96074074 | 13.73 | 23.8105 |
| 5.62648148 | 14.51 | 19.578 | 5.79372685 | 14.24 | 29.8136 | 5.96085648 | 13.73 | 23.7968 |
| 5.62659722 | 14.4 | 28.5605 | 5.79384259 | 14.24 | 29.8136 | 5.96097222 | 13.73 | 23.827 |
| 5.62671296 | 14.4 | 28.5361 | 5.79395833 | 14.24 | 29.7651 | 5.96108796 | 13.75 | 23.8064 |
| 5.6268287 | 14.38 | 29.4618 | 5.79407407 | 14.24 | 29.7871 | 5.9612037 | 13.75 | 23.7844 |
| 5.62694444 | 14.37 | 30.0289 | 5.79418982 | 14.24 | 29.7783 | 5.96131944 | 13.73 | 23.7748 |
| 5.62706019 | 14.38 | 28.9429 | 5.79430556 | 14.22 | 29.7849 | 5.96143519 | 13.73 | 23.7201 |
| 5.62717593 | 14.43 | 25.7262 | 5.7944213 | 14.24 | 29.7563 | 5.96155093 | 13.73 | 23.7803 |
| 5.62729167 | 14.37 | 29.3187 | 5.79453704 | 14.24 | 29.7695 | 5.96166667 | 13.75 | 23.7899 |
| 5.62740741 | 14.37 | 29.1271 | 5.79465278 | 14.24 | 29.7871 | 5.96178241 | 13.75 | 23.8037 |
| 5.62752315 | 14.37 | 29.3402 | 5.79476852 | 14.22 | 29.7585 | 5.96189815 | 13.73 | 23.7256 |
| 5.62763889 | 14.38 | 29.0225 | 5.79488426 | 14.22 | 29.7541 | 5.96201389 | 13.72 | 23.7536 |
| 5.62775463 | 14.35 | 29.9773 | 5.795 | 14.21 | 29.7618 | 5.96212963 | 13.73 | 23.7529 |
| 5.62787037 | 14.38 | 28.3004 | 5.79511574 | 14.22 | 29.7717 | 5.96224537 | 13.75 | 23.7707 |
| 5.62798611 | 14.35 | 28.6423 | 5.79523148 | 14.22 | 29.7629 | 5.96236111 | 13.75 | 23.7625 |
| 5.62810185 | 14.34 | 29.9226 | 5.79534722 | 14.21 | 29.1501 | 5.96247685 | 13.73 | 23.7693 |
| 5.62821759 | 14.35 | 28.9026 | 5.79546296 | 14.19 | 28.4636 | 5.96259259 | 13.73 | 23.7666 |
| 5.62833333 | 14.34 | 30.5674 | 5.7955787 | 14.21 | 28.9155 | 5.96270833 | 13.75 | 23.7707 |
| 5.62844907 | 14.32 | 29.9247 | 5.79569444 | 14.21 | 28.7995 | 5.96282407 | 13.73 | 23.827 |
| 5.62856482 | 14.32 | 30.6669 | 5.79581019 | 14.18 | 28.5924 | 5.96293982 | 13.75 | 23.7844 |
| 5.62868056 | 14.32 | 30.8778 | 5.79592593 | 14.21 | 29.1122 | 5.96305556 | 13.75 | 23.7707 |
| 5.6287963 | 14.31 | 31.0709 | 5.79604167 | 14.18 | 28.3225 | 5.9631713 | 13.75 | 23.7899 |
| 5.62891204 | 14.31 | 30.9757 | 5.79615741 | 14.21 | 28.9363 | 5.96328704 | 13.75 | 23.8395 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62902778 | 14.32 | 30.9725 | 5.79627315 | 14.21 | 29.0953 | 5.96340278 | 13.75 | 23.845 |
| 5.62914352 | 14.31 | 31.0709 | 5.79638889 | 14.21 | 29.1967 | 5.96351852 | 13.75 | 23.8699 |
| 5.62925926 | 14.31 | 31.1043 | 5.79650463 | 14.19 | 28.2714 | 5.96363426 | 13.75 | 23.856 |
| 5.629375 | 14.31 | 31.133 | 5.79662037 | 14.17 | 26.8069 | 5.96375 | 13.75 | 23.768 |
| 5.62949074 | 14.31 | 31.1666 | 5.79673611 | 14.15 | 26.1582 | 5.96386574 | 13.73 | 23.7666 |
| 5.62960648 | 14.3 | 31.2323 | 5.79685185 | 14.17 | 26.8391 | 5.96398148 | 13.73 | 23.7611 |
| 5.62972222 | 14.3 | 31.3047 | 5.79696759 | 14.17 | 26.6965 | 5.96409722 | 13.76 | 24.0197 |
| 5.62983796 | 14.3 | 31.1171 | 5.79708333 | 14.17 | 26.9434 | 5.96421296 | 13.76 | 24.0506 |
| 5.6299537 | 14.31 | 30.9852 | 5.79719907 | 14.18 | 27.177 | 5.9643287 | 13.76 | 24.255 |
| 5.63006944 | 14.31 | 30.8575 | 5.79731482 | 14.17 | 26.9688 | 5.96444444 | 13.79 | 24.488 |
| 5.63018519 | 14.32 | 30.4264 | 5.79743056 | 14.18 | 27.5045 | 5.96456019 | 13.76 | 24.1978 |
| 5.63030093 | 14.32 | 30.5 | 5.7975463 | 14.19 | 27.6907 | 5.96467593 | 13.77 | 24.1773 |
| 5.63041667 | 14.32 | 30.3989 | 5.79766204 | 14.19 | 27.7519 | 5.96479167 | 13.73 | 23.7885 |
| 5.63053241 | 14.31 | 30.4848 | 5.79777778 | 14.18 | 26.825 | 5.96490741 | 13.72 | 23.858 |
| 5.63064815 | 14.34 | 29.0651 | 5.79789352 | 14.22 | 29.3723 | 5.96502315 | 13.73 | 23.9768 |
| 5.63076389 | 14.35 | 29.2015 | 5.79800926 | 14.25 | 29.696 | 5.96513889 | 13.73 | 23.8518 |
| 5.63087963 | 14.32 | 30.3257 | 5.798125 | 14.24 | 29.7081 | 5.96525463 | 13.72 | 23.825 |
| 5.63099537 | 14.32 | 30.4954 | 5.79824074 | 14.25 | 29.5652 | 5.96537037 | 13.75 | 23.8477 |
| 5.63111111 | 14.34 | 30.3009 | 5.79835648 | 14.25 | 29.7091 | 5.96548611 | 13.73 | 23.7392 |
| 5.63122685 | 14.34 | 29.5661 | 5.79847222 | 14.22 | 29.2698 | 5.96560185 | 13.73 | 23.816 |
| 5.63134259 | 14.35 | 29.5541 | 5.79858796 | 14.22 | 29.441 | 5.96571759 | 13.75 | 23.8616 |
| 5.63145833 | 14.34 | 30.3832 | 5.7987037 | 14.22 | 28.8251 | 5.96583333 | 13.75 | 23.9643 |
| 5.63157407 | 14.31 | 30.7636 | 5.79881944 | 14.22 | 29.1384 | 5.96594907 | 13.76 | 23.9832 |
| 5.63168982 | 14.34 | 30.0926 | 5.79893519 | 14.22 | 29.0081 | 5.96606482 | 13.77 | 24.0359 |
| 5.63180556 | 14.32 | 30.5416 | 5.79905093 | 14.24 | 29.3272 | 5.96618056 | 13.79 | 24.3802 |
| 5.6319213 | 14.31 | 30.8528 | 5.79916667 | 14.24 | 29.443 | 5.9662963 | 13.76 | 24.1466 |
| 5.63203704 | 14.31 | 30.9852 | 5.79928241 | 14.22 | 28.2059 | 5.96641204 | 13.77 | 24.005 |
| 5.63215278 | 14.32 | 30.9772 | 5.79939815 | 14.22 | 28.7632 | 5.96652778 | 13.77 | 24.1319 |
| 5.63226852 | 14.31 | 31.047 | 5.79951389 | 14.22 | 27.8266 | 5.96664352 | 13.8 | 24.4116 |
| 5.63238426 | 14.32 | 31.1058 | 5.79962963 | 14.21 | 28.225 | 5.96675926 | 13.79 | 24.386 |
| 5.6325 | 14.31 | 31.1666 | 5.79974537 | 14.22 | 27.9974 | 5.966875 | 13.77 | 24.0359 |
| 5.63261574 | 14.3 | 31.189 | 5.79986111 | 14.17 | 26.482 | 5.96699074 | 13.76 | 24.0421 |
| 5.63273148 | 14.3 | 31.0741 | 5.79997685 | 14.18 | 26.5626 | 5.96710648 | 13.76 | 24.1013 |
| 5.63284722 | 14.31 | 30.8434 | 5.80009259 | 14.18 | 26.3295 | 5.96722222 | 13.76 | 24.0056 |
| 5.63296296 | 14.32 | 30.9345 | 5.80020833 | 14.21 | 27.3969 | 5.96733796 | 13.76 | 24.0337 |
| 5.6330787 | 14.31 | 30.9995 | 5.80032407 | 14.19 | 27.8868 | 5.9674537 | 13.76 | 24.175 |
| 5.63319444 | 14.31 | 30.971 | 5.80043982 | 14.19 | 27.1737 | 5.96756944 | 13.79 | 24.4005 |
| 5.63331019 | 14.31 | 31.0185 | 5.80055556 | 14.18 | 26.2574 | 5.96768519 | 13.77 | 24.2058 |
| 5.63342593 | 14.31 | 30.6748 | 5.8006713 | 14.18 | 26.8501 | 5.96780093 | 13.77 | 24.2287 |
| 5.63354167 | 14.32 | 30.5369 | 5.80078704 | 14.21 | 27.0681 | 5.96791667 | 13.77 | 24.2573 |
| 5.63365741 | 14.32 | 30.3348 | 5.80090278 | 14.19 | 27.3104 | 5.96803241 | 13.77 | 24.2058 |
| 5.63377315 | 14.32 | 30.7978 | 5.80101852 | 14.18 | 27.0453 | 5.96814815 | 13.77 | 24.1745 |
| 5.63388889 | 14.32 | 30.6296 | 5.80113426 | 14.18 | 26.5556 | 5.96826389 | 13.77 | 24.1404 |
| 5.63400463 | 14.32 | 30.2211 | 5.80125 | 14.18 | 26.775 | 5.96837963 | 13.76 | 24.0872 |
| 5.63412037 | 14.32 | 30.6762 | 5.80136574 | 14.18 | 26.886 | 5.96849537 | 13.75 | 24.0399 |
| 5.63423611 | 14.34 | 29.5269 | 5.80148148 | 14.18 | 27.1329 | 5.96861111 | 13.75 | 24.0259 |
| 5.63435185 | 14.35 | 30.1434 | 5.80159722 | 14.19 | 27.3811 | 5.96872685 | 13.75 | 24.0624 |
| 5.63446759 | 14.38 | 28.4776 | 5.80171296 | 14.19 | 27.5577 | 5.96884259 | 13.75 | 24.0343 |
| 5.63458333 | 14.34 | 30.5628 | 5.8018287 | 14.21 | 27.5548 | 5.96895833 | 13.75 | 23.9671 |
| 5.63469907 | 14.32 | 30.8213 | 5.80194444 | 14.18 | 27.4219 | 5.96907407 | 13.72 | 23.9273 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63481482 | 14.32 | 30.5647 | 5.80206019 | 14.19 | 27.8211 | 5.96918982 | 13.73 | 23.9211 |
| 5.63493056 | 14.34 | 30.6883 | 5.80217593 | 14.19 | 27.9256 | 5.96930556 | 13.73 | 23.9155 |
| 5.6350463 | 14.34 | 30.707 | 5.80229167 | 14.21 | 28.2131 | 5.9694213 | 13.72 | 23.8829 |
| 5.63516204 | 14.34 | 30.8007 | 5.80240741 | 14.19 | 27.8481 | 5.96953704 | 13.72 | 23.8553 |
| 5.63527778 | 14.34 | 30.707 | 5.80252315 | 14.19 | 27.9878 | 5.96965278 | 13.72 | 23.9162 |
| 5.63539352 | 14.34 | 30.7304 | 5.80263889 | 14.19 | 27.8057 | 5.96976852 | 13.73 | 23.8878 |
| 5.63550926 | 14.34 | 30.7913 | 5.80275463 | 14.21 | 27.9306 | 5.96988426 | 13.73 | 23.9155 |
| 5.635625 | 14.34 | 30.7679 | 5.80287037 | 14.19 | 27.5653 | 5.97 | 13.73 | 23.9072 |
| 5.63574074 | 14.34 | 30.7819 | 5.80298611 | 14.21 | 28.5094 | 5.97011574 | 13.73 | 23.9155 |
| 5.63585648 | 14.35 | 30.7038 | 5.80310185 | 14.19 | 27.9217 | 5.97023148 | 13.73 | 23.91 |
| 5.63597222 | 14.35 | 30.6245 | 5.80321759 | 14.19 | 27.6564 | 5.97034722 | 13.72 | 23.8774 |
| 5.63608796 | 14.35 | 30.6571 | 5.80333333 | 14.21 | 27.8145 | 5.97046296 | 13.73 | 23.8712 |
| 5.6362037 | 14.34 | 30.7117 | 5.80344907 | 14.19 | 27.5426 | 5.9705787 | 13.72 | 23.8719 |
| 5.63631944 | 14.35 | 30.541 | 5.80356482 | 14.18 | 27.3472 | 5.97069444 | 13.72 | 23.8719 |
| 5.63643519 | 14.35 | 30.4718 | 5.80368056 | 14.18 | 27.0927 | 5.97081019 | 13.73 | 23.8933 |
| 5.63655093 | 14.35 | 30.5827 | 5.8037963 | 14.17 | 26.8606 | 5.97092593 | 13.73 | 23.8712 |
| 5.63666667 | 14.35 | 30.5457 | 5.80391204 | 14.17 | 27.1987 | 5.97104167 | 13.72 | 23.9301 |
| 5.63678241 | 14.34 | 30.5119 | 5.80402778 | 14.17 | 27.3394 | 5.97115741 | 13.72 | 23.8995 |
| 5.63689815 | 14.35 | 30.5874 | 5.80414352 | 14.19 | 27.7404 | 5.97127315 | 13.73 | 23.935 |
| 5.63701389 | 14.35 | 30.6478 | 5.80425926 | 14.21 | 28.2449 | 5.97138889 | 13.73 | 23.935 |
| 5.63712963 | 14.35 | 30.4258 | 5.804375 | 14.19 | 27.7404 | 5.97150463 | 13.75 | 24.0035 |
| 5.63724537 | 14.34 | 30.5953 | 5.80449074 | 14.19 | 27.8211 | 5.97162037 | 13.73 | 24.0159 |
| 5.63736111 | 14.35 | 30.541 | 5.80460648 | 14.18 | 27.6103 | 5.97173611 | 13.73 | 24.0215 |
| 5.63747685 | 14.34 | 30.2418 | 5.80472222 | 14.19 | 27.9333 | 5.97185185 | 13.73 | 23.9712 |
| 5.63759259 | 14.35 | 30.0984 | 5.80483796 | 14.21 | 28.142 | 5.97196759 | 13.73 | 23.935 |
| 5.63770833 | 14.37 | 29.9752 | 5.8049537 | 14.19 | 27.9528 | 5.97208333 | 13.72 | 23.8774 |
| 5.63782407 | 14.37 | 30.0514 | 5.80506944 | 14.18 | 27.5951 | 5.97219907 | 13.72 | 23.8415 |
| 5.63793982 | 14.35 | 30.1932 | 5.80518519 | 14.19 | 27.7519 | 5.97231482 | 13.72 | 23.8774 |
| 5.63805556 | 14.35 | 30.3342 | 5.80530093 | 14.18 | 27.5384 | 5.97243056 | 13.72 | 23.8774 |
| 5.6381713 | 14.34 | 30.3694 | 5.80541667 | 14.18 | 27.2989 | 5.9725463 | 13.73 | 23.874 |
| 5.63828704 | 14.35 | 30.5041 | 5.80553241 | 14.19 | 27.5842 | 5.97266204 | 13.72 | 23.847 |
| 5.63840278 | 14.35 | 30.6385 | 5.80564815 | 14.18 | 27.6826 | 5.97277778 | 13.72 | 23.8636 |
| 5.63851852 | 14.37 | 30.011 | 5.80576389 | 14.19 | 27.729 | 5.97289352 | 13.7 | 23.8456 |
| 5.63863426 | 14.32 | 30.6203 | 5.80587963 | 14.18 | 27.675 | 5.97300926 | 13.7 | 23.8373 |
| 5.63875 | 14.34 | 30.6185 | 5.80599537 | 14.19 | 27.729 | 5.973125 | 13.72 | 23.8332 |
| 5.63886574 | 14.34 | 30.5628 | 5.80611111 | 14.19 | 27.7596 | 5.97324074 | 13.72 | 23.847 |
| 5.63898148 | 14.35 | 30.4672 | 5.80622685 | 14.19 | 27.729 | 5.97335648 | 13.72 | 23.8498 |
| 5.63909722 | 14.35 | 30.4212 | 5.80634259 | 14.19 | 28.0073 | 5.97347222 | 13.72 | 23.8332 |
| 5.63921296 | 14.35 | 30.357 | 5.80645833 | 14.19 | 27.8481 | 5.97358796 | 13.7 | 23.8318 |
| 5.6393287 | 14.35 | 30.3845 | 5.80657407 | 14.19 | 27.852 | 5.9737037 | 13.7 | 23.8181 |
| 5.63944444 | 14.35 | 30.5041 | 5.80668982 | 14.19 | 27.9411 | 5.97381944 | 13.7 | 23.8263 |
| 5.63956019 | 14.37 | 30.3322 | 5.80680556 | 14.21 | 28.0241 | 5.97393519 | 13.7 | 23.8401 |
| 5.63967593 | 14.37 | 30.4055 | 5.8069213 | 14.21 | 28.1301 | 5.97405093 | 13.72 | 23.8415 |
| 5.63979167 | 14.37 | 30.4331 | 5.80703704 | 14.19 | 28.0621 | 5.97416667 | 13.7 | 23.8236 |
| 5.63990741 | 14.38 | 30.1427 | 5.80715278 | 14.21 | 28.1657 | 5.97428241 | 13.72 | 23.8195 |
| 5.64002315 | 14.4 | 30.0551 | 5.80726852 | 14.21 | 28.1973 | 5.97439815 | 13.72 | 23.8112 |
| 5.64013889 | 14.4 | 30.0237 | 5.80738426 | 14.19 | 28.2634 | 5.97451389 | 13.7 | 23.876 |
| 5.64025463 | 14.38 | 30.0661 | 5.8075 | 14.21 | 28.2648 | 5.97462963 | 13.72 | 23.8608 |
| 5.64037037 | 14.38 | 29.9318 | 5.80761574 | 14.19 | 28.2754 | 5.97474537 | 13.72 | 23.8415 |
| 5.64048611 | 14.38 | 29.9229 | 5.80773148 | 14.19 | 28.1684 | 5.97486111 | 13.7 | 23.8456 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64060185 | 14.37 | 30.0738 | 5.80784722 | 14.19 | 27.7711 | 5.97497685 | 13.7 | 23.8401 |
| 5.64071759 | 14.37 | 29.9261 | 5.80796296 | 14.18 | 27.7361 | 5.97509259 | 13.7 | 23.8677 |
| 5.64083333 | 14.38 | 30.0033 | 5.8080787 | 14.19 | 27.8752 | 5.97520833 | 13.7 | 23.8484 |
| 5.64094907 | 14.38 | 29.5704 | 5.80819444 | 14.19 | 27.9839 | 5.97532407 | 13.7 | 23.8456 |
| 5.64106482 | 14.38 | 29.9496 | 5.80831019 | 14.19 | 28.1368 | 5.97543982 | 13.7 | 23.9536 |
| 5.64118056 | 14.37 | 29.9306 | 5.80842593 | 14.19 | 28.0778 | 5.97555556 | 13.72 | 23.8553 |
| 5.6412963 | 14.38 | 29.4014 | 5.80854167 | 14.21 | 28.1499 | 5.9756713 | 13.7 | 23.9092 |
| 5.64141204 | 14.38 | 29.1619 | 5.80865741 | 14.21 | 28.1973 | 5.97578704 | 13.72 | 23.9051 |
| 5.64152778 | 14.4 | 28.8946 | 5.80877315 | 14.21 | 28.2727 | 5.97590278 | 13.72 | 23.8691 |
| 5.64164352 | 14.38 | 29.649 | 5.80888889 | 14.22 | 28.5102 | 5.97601852 | 13.7 | 23.8732 |
| 5.64175926 | 14.37 | 30.1912 | 5.80900463 | 14.21 | 28.4247 | 5.97613426 | 13.7 | 23.8594 |
| 5.641875 | 14.38 | 30.0706 | 5.80912037 | 14.21 | 28.4247 | 5.97625 | 13.7 | 23.8456 |
| 5.64199074 | 14.38 | 29.5052 | 5.80923611 | 14.21 | 28.4046 | 5.97636574 | 13.7 | 23.8594 |
| 5.64210648 | 14.38 | 29.6709 | 5.80935185 | 14.21 | 28.3525 | 5.97648148 | 13.7 | 23.8677 |
| 5.64222222 | 14.44 | 25.5488 | 5.80946759 | 14.21 | 28.3086 | 5.97659722 | 13.7 | 23.8594 |
| 5.64233796 | 14.38 | 29.706 | 5.80958333 | 14.21 | 28.2092 | 5.97671296 | 13.7 | 23.8898 |
| 5.6424537 | 14.37 | 30.2048 | 5.80969907 | 14.21 | 28.2608 | 5.9768287 | 13.72 | 23.8387 |
| 5.64256944 | 14.41 | 28.4152 | 5.80981482 | 14.21 | 28.2807 | 5.97694444 | 13.7 | 23.876 |
| 5.64268519 | 14.38 | 29.8207 | 5.80993056 | 14.21 | 28.3285 | 5.97706019 | 13.7 | 23.8594 |
| 5.64280093 | 14.38 | 29.6797 | 5.8100463 | 14.19 | 28.1329 | 5.97717593 | 13.72 | 23.8885 |
| 5.64291667 | 14.4 | 29.3389 | 5.81016204 | 14.18 | 28.0224 | 5.97729167 | 13.69 | 23.896 |
| 5.64303241 | 14.38 | 29.8739 | 5.81027778 | 14.18 | 28.0733 | 5.97740741 | 13.7 | 23.8953 |
| 5.64314815 | 14.38 | 28.6407 | 5.81039352 | 14.21 | 28.2847 | 5.97752315 | 13.7 | 23.8456 |
| 5.64326389 | 14.44 | 25.3514 | 5.81050926 | 14.21 | 28.138 | 5.97763889 | 13.69 | 23.8215 |
| 5.64337963 | 14.44 | 27.6501 | 5.810625 | 14.19 | 27.9372 | 5.97775463 | 13.7 | 23.8898 |
| 5.64349537 | 14.38 | 30.256 | 5.81074074 | 14.19 | 28.066 | 5.97787037 | 13.7 | 23.8318 |
| 5.64361111 | 14.37 | 30.1731 | 5.81085648 | 14.21 | 28.2926 | 5.97798611 | 13.67 | 23.8147 |
| 5.64372685 | 14.37 | 30.146 | 5.81097222 | 14.22 | 28.3652 | 5.97810185 | 13.69 | 23.8325 |
| 5.64384259 | 14.38 | 30.1879 | 5.81108796 | 14.22 | 28.3813 | 5.97821759 | 13.69 | 23.8325 |
| 5.64395833 | 14.37 | 30.3003 | 5.8112037 | 14.19 | 28.1092 | 5.97833333 | 13.7 | 23.8181 |
| 5.64407407 | 14.38 | 30.1789 | 5.81131944 | 14.19 | 28.2 | 5.97844907 | 13.7 | 23.8263 |
| 5.64418982 | 14.43 | 26.7779 | 5.81143519 | 14.21 | 28.3205 | 5.97856482 | 13.69 | 23.7941 |
| 5.64430556 | 14.38 | 30.1608 | 5.81155093 | 14.22 | 28.2813 | 5.97868056 | 13.7 | 23.8043 |
| 5.6444213 | 14.37 | 30.1912 | 5.81166667 | 14.21 | 28.3365 | 5.9787963 | 13.69 | 23.7941 |
| 5.64453704 | 14.35 | 30.5133 | 5.81178241 | 14.22 | 28.3332 | 5.97891204 | 13.69 | 23.7941 |
| 5.64465278 | 14.35 | 30.6571 | 5.81189815 | 14.21 | 28.2052 | 5.97902778 | 13.7 | 23.8318 |
| 5.64476852 | 14.37 | 30.4745 | 5.81201389 | 14.19 | 28.1407 | 5.97914352 | 13.7 | 23.8511 |
| 5.64488426 | 14.37 | 30.4377 | 5.81212963 | 14.21 | 28.2847 | 5.97925926 | 13.7 | 23.8732 |
| 5.645 | 14.37 | 30.5438 | 5.81224537 | 14.21 | 28.3926 | 5.979375 | 13.7 | 23.8594 |
| 5.64511574 | 14.35 | 30.7178 | 5.81236111 | 14.22 | 28.4013 | 5.97949074 | 13.72 | 23.847 |
| 5.64523148 | 14.35 | 30.8917 | 5.81247685 | 14.22 | 28.4053 | 5.97960648 | 13.72 | 23.9551 |
| 5.64534722 | 14.35 | 30.8917 | 5.81259259 | 14.22 | 28.2614 | 5.97972222 | 13.72 | 23.9914 |
| 5.64546296 | 14.35 | 30.7505 | 5.81270833 | 14.22 | 28.3853 | 5.97983796 | 13.72 | 23.9691 |
| 5.6455787 | 14.35 | 30.3616 | 5.81282407 | 14.22 | 28.4496 | 5.9799537 | 13.72 | 23.9245 |
| 5.64569444 | 14.35 | 30.7881 | 5.81293982 | 14.22 | 28.7344 | 5.98006944 | 13.72 | 23.9051 |
| 5.64581019 | 14.35 | 30.6152 | 5.81305556 | 14.22 | 28.7879 | 5.98018519 | 13.72 | 23.9468 |
| 5.64592593 | 14.35 | 30.7318 | 5.8131713 | 14.22 | 28.3492 | 5.98030093 | 13.72 | 23.9329 |
| 5.64604167 | 14.35 | 30.4534 | 5.81328704 | 14.22 | 28.3372 | 5.98041667 | 13.7 | 23.9592 |
| 5.64615741 | 14.37 | 30.2093 | 5.81340278 | 14.21 | 28.2648 | 5.98053241 | 13.72 | 23.9691 |
| 5.64627315 | 14.41 | 28.4152 | 5.81351852 | 14.21 | 28.2369 | 5.98064815 | 13.7 | 23.9064 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64638889 | 14.38 | 29.3112 | 5.81363426 | 14.22 | 28.3372 | 5.98076389 | 13.75 | 24.1984 |
| 5.64650463 | 14.38 | 29.3112 | 5.81375 | 14.21 | 28.5175 | 5.98087963 | 13.73 | 23.9852 |
| 5.64662037 | 14.37 | 30.2048 | 5.81386574 | 14.22 | 28.3572 | 5.98099537 | 13.72 | 23.9329 |
| 5.64673611 | 14.38 | 29.553 | 5.81398148 | 14.22 | 28.3853 | 5.98111111 | 13.7 | 23.8594 |
| 5.64685185 | 14.37 | 29.8772 | 5.81409722 | 14.22 | 28.5954 | 5.98122685 | 13.7 | 23.8456 |
| 5.64696759 | 14.37 | 30.2275 | 5.81421296 | 14.22 | 28.4254 | 5.98134259 | 13.72 | 23.8332 |
| 5.64708333 | 14.37 | 29.771 | 5.8143287 | 14.22 | 28.5102 | 5.98145833 | 13.72 | 24.084 |
| 5.64719907 | 14.38 | 28.9303 | 5.81444444 | 14.22 | 28.5183 | 5.98157407 | 13.72 | 23.9774 |
| 5.64731482 | 14.41 | 25.68 | 5.81456019 | 14.21 | 28.4247 | 5.98168982 | 13.72 | 23.983 |
| 5.64743056 | 14.41 | 28.3025 | 5.81467593 | 14.22 | 28.2813 | 5.98180556 | 13.73 | 23.9963 |
| 5.6475463 | 14.4 | 29.3046 | 5.81479167 | 14.21 | 28.0712 | 5.9819213 | 13.75 | 24.1245 |
| 5.64766204 | 14.4 | 29.5247 | 5.81490741 | 14.19 | 28.0308 | 5.98203704 | 13.73 | 24.1371 |
| 5.64777778 | 14.38 | 29.2087 | 5.81502315 | 14.21 | 28.0281 | 5.98215278 | 13.75 | 24.1671 |
| 5.64789352 | 14.38 | 29.5486 | 5.81513889 | 14.19 | 28.066 | 5.98226852 | 13.75 | 24.2355 |
| 5.64800926 | 14.4 | 29.2021 | 5.81525463 | 14.19 | 27.9839 | 5.98238426 | 13.76 | 24.2493 |
| 5.648125 | 14.41 | 28.1908 | 5.81537037 | 14.18 | 28.0068 | 5.9825 | 13.76 | 24.2435 |
| 5.64824074 | 14.4 | 29.3346 | 5.81548611 | 14.21 | 28.0869 | 5.98261574 | 13.75 | 24.3072 |
| 5.64835648 | 14.41 | 27.5874 | 5.81560185 | 14.21 | 28.1578 | 5.98273148 | 13.76 | 24.2435 |
| 5.64847222 | 14.4 | 28.8904 | 5.81571759 | 14.21 | 28.2013 | 5.98284722 | 13.76 | 24.1551 |
| 5.64858796 | 14.4 | 28.2538 | 5.81583333 | 14.22 | 28.2774 | 5.98296296 | 13.75 | 24.2269 |
| 5.6487037 | 14.38 | 29.3455 | 5.81594907 | 14.22 | 28.3132 | 5.9830787 | 13.76 | 24.2579 |
| 5.64881944 | 14.38 | 29.4316 | 5.81606482 | 14.24 | 28.4148 | 5.98319444 | 13.77 | 24.5565 |
| 5.64893519 | 14.38 | 29.914 | 5.81618056 | 14.22 | 28.3933 | 5.98331019 | 13.77 | 24.5388 |
| 5.64905093 | 14.37 | 30.0289 | 5.8162963 | 14.22 | 28.5021 | 5.98342593 | 13.77 | 24.4714 |
| 5.64916667 | 14.37 | 30.1054 | 5.81641204 | 14.24 | 28.4995 | 5.98354167 | 13.69 | 0.2012 |
| 5.64928241 | 14.37 | 30.1144 | 5.81652778 | 14.22 | 28.5345 | 5.98365741 | 13.73 | 24.317 |
| 5.64939815 | 14.35 | 30.7271 | 5.81664352 | 14.22 | 28.5061 | 5.98377315 | 13.72 | 24.2544 |
| 5.64951389 | 14.37 | 29.4824 | 5.81675926 | 14.22 | 28.5102 | 5.98388889 | 13.72 | 24.1405 |
| 5.64962963 | 14.4 | 29.1639 | 5.816875 | 14.22 | 28.5061 | 5.98400463 | 13.75 | 24.2327 |
| 5.64974537 | 14.4 | 28.3018 | 5.81699074 | 14.22 | 28.5385 | 5.98412037 | 13.73 | 24.1314 |
| 5.64986111 | 14.38 | 29.8119 | 5.81710648 | 14.22 | 28.3532 | 5.98423611 | 13.73 | 24.191 |
| 5.64997685 | 14.37 | 29.9172 | 5.81722222 | 14.21 | 28.3205 | 5.98435185 | 13.73 | 24.2252 |
| 5.65009259 | 14.37 | 30.0021 | 5.81733796 | 14.19 | 28.2 | 5.98446759 | 13.72 | 24.2258 |
| 5.65020833 | 14.35 | 30.4304 | 5.8174537 | 14.19 | 28.1723 | 5.98458333 | 13.69 | 24.1565 |
| 5.65032407 | 14.37 | 30.0828 | 5.81756944 | 14.17 | 28.0179 | 5.98469907 | 13.7 | 24.1361 |
| 5.65043982 | 14.37 | 29.7445 | 5.81768519 | 14.19 | 28.3152 | 5.98481482 | 13.7 | 24.1417 |
| 5.65055556 | 14.37 | 30.02 | 5.81780093 | 14.21 | 28.3966 | 5.98493056 | 13.7 | 24.1022 |
| 5.6506713 | 14.37 | 29.3874 | 5.81791667 | 14.24 | 28.5684 | 5.9850463 | 13.69 | 24.1254 |
| 5.65078704 | 14.41 | 27.8645 | 5.81803241 | 14.22 | 28.5548 | 5.98516204 | 13.69 | 24.1508 |
| 5.65090278 | 14.43 | 26.868 | 5.81814815 | 14.25 | 29.0485 | 5.98527778 | 13.51 | 0.409 |
| 5.65101852 | 14.43 | 26.8463 | 5.81826389 | 14.24 | 28.6295 | 5.98539352 | 13.49 | 0.5792 |
| 5.65113426 | 14.43 | 26.8933 | 5.81837963 | 14.22 | 28.6076 | 5.98550926 | 13.49 | 0.7535 |
| 5.65125 | 14.43 | 26.8066 | 5.81849537 | 14.22 | 28.498 | 5.985625 | 13.53 | 0.8523 |
| 5.65136574 | 14.43 | 26.5429 | 5.81861111 | 14.22 | 28.5629 | 5.98574074 | 13.62 | 24.3262 |
| 5.65148148 | 14.43 | 27.5884 | 5.81872685 | 14.24 | 28.9264 | 5.98585648 | 13.7 | 24.2871 |
| 5.65159722 | 14.43 | 27.448 | 5.81884259 | 14.25 | 29.1285 | 5.98597222 | 13.72 | 24.3781 |
| 5.65171296 | 14.41 | 27.5759 | 5.81895833 | 14.27 | 29.1514 | 5.98608796 | 13.72 | 24.3319 |
| 5.6518287 | 14.41 | 28.4031 | 5.81907407 | 14.27 | 29.198 | 5.9862037 | 13.72 | 24.3089 |
| 5.65194444 | 14.4 | 28.2259 | 5.81918982 | 14.27 | 28.9958 | 5.98631944 | 13.73 | 24.3574 |
| 5.65206019 | 14.41 | 28.5206 | 5.81930556 | 14.27 | 29.0209 | 5.98643519 | 13.73 | 24.3921 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65217593 | 14.38 | 29.145 | 5.8194213 | 14.25 | 28.8276 | 5.98655093 | 13.75 | 24.4084 |
| 5.65229167 | 14.35 | 30.3296 | 5.81953704 | 14.25 | 28.8815 | 5.98666667 | 13.72 | 24.3984 |
| 5.65240741 | 14.37 | 30.3688 | 5.81965278 | 14.25 | 28.6999 | 5.98678241 | 13.75 | 24.3649 |
| 5.65252315 | 14.35 | 30.3433 | 5.81976852 | 14.25 | 29.0485 | 5.98689815 | 13.73 | 24.3458 |
| 5.65263889 | 14.37 | 29.9797 | 5.81988426 | 14.27 | 29.1768 | 5.98701389 | 13.73 | 24.3545 |
| 5.65275463 | 14.37 | 29.4392 | 5.82 | 14.25 | 28.9147 | 5.98712963 | 13.73 | 24.317 |
| 5.65287037 | 14.34 | 30.8478 | 5.82011574 | 14.25 | 29.0275 | 5.98724537 | 13.73 | 24.317 |
| 5.65298611 | 14.35 | 30.6431 | 5.82023148 | 14.25 | 28.9522 | 5.98736111 | 13.73 | 24.3026 |
| 5.65310185 | 14.38 | 29.1069 | 5.82034722 | 14.25 | 28.8483 | 5.98747685 | 13.73 | 24.34 |
| 5.65321759 | 14.4 | 28.9405 | 5.82046296 | 14.22 | 28.6934 | 5.98759259 | 13.73 | 24.3545 |
| 5.65333333 | 14.4 | 29.075 | 5.8205787 | 14.21 | 28.6722 | 5.98770833 | 13.73 | 24.3227 |
| 5.65344907 | 14.38 | 29.3026 | 5.82069444 | 14.18 | 28.4589 | 5.98782407 | 13.75 | 24.3997 |
| 5.65356482 | 14.37 | 29.9574 | 5.82081019 | 14.18 | 28.4186 | 5.98793982 | 13.73 | 24.4531 |
| 5.65368056 | 14.37 | 30.0694 | 5.82092593 | 14.18 | 28.4267 | 5.98805556 | 13.72 | 24.4507 |
| 5.6537963 | 14.37 | 29.8151 | 5.82104167 | 14.18 | 28.3865 | 5.9881713 | 13.73 | 24.4444 |
| 5.65391204 | 14.35 | 30.2613 | 5.82115741 | 14.19 | 28.6013 | 5.98828704 | 13.73 | 24.4356 |
| 5.65402778 | 14.35 | 30.031 | 5.82127315 | 14.17 | 28.4059 | 5.98840278 | 13.73 | 24.4211 |
| 5.65414352 | 14.35 | 30.1254 | 5.82138889 | 14.18 | 28.3345 | 5.98851852 | 13.73 | 24.4298 |
| 5.65425926 | 14.35 | 30.1434 | 5.82150463 | 14.17 | 28.3498 | 5.98863426 | 13.73 | 24.4066 |
| 5.654375 | 14.35 | 30.4534 | 5.82162037 | 14.15 | 28.1462 | 5.98875 | 13.72 | 24.3464 |
| 5.65449074 | 14.35 | 30.4442 | 5.82173611 | 14.15 | 28.158 | 5.98886574 | 13.72 | 24.3752 |
| 5.65460648 | 14.37 | 29.6435 | 5.82185185 | 14.19 | 28.5525 | 5.98898148 | 13.72 | 24.3752 |
| 5.65472222 | 14.34 | 30.3466 | 5.82196759 | 14.17 | 28.3019 | 5.98909722 | 13.73 | 24.3921 |
| 5.65483796 | 14.35 | 30.3616 | 5.82208333 | 14.15 | 28.0833 | 5.98921296 | 13.72 | 24.3608 |
| 5.6549537 | 14.35 | 29.8217 | 5.82219907 | 14.15 | 28.0637 | 5.9893287 | 13.72 | 24.3608 |
| 5.65506944 | 14.38 | 28.9053 | 5.82231482 | 14.14 | 28.0357 | 5.98944444 | 13.72 | 24.355 |
| 5.65518519 | 14.41 | 28.0365 | 5.82243056 | 14.14 | 28.0475 | 5.98956019 | 13.72 | 24.3291 |
| 5.65530093 | 14.41 | 28.0365 | 5.8225463 | 14.14 | 27.9967 | 5.98967593 | 13.72 | 24.3003 |
| 5.65541667 | 14.43 | 27.3166 | 5.82266204 | 14.14 | 27.9967 | 5.98979167 | 13.7 | 24.3648 |
| 5.65553241 | 14.44 | 26.6851 | 5.82277778 | 14.14 | 28.0045 | 5.98990741 | 13.7 | 24.3359 |
| 5.65564815 | 14.41 | 28.4475 | 5.82289352 | 14.11 | 27.8325 | 5.99002315 | 13.7 | 24.3273 |
| 5.65576389 | 14.4 | 29.1088 | 5.82300926 | 14.11 | 27.748 | 5.99013889 | 13.7 | 24.3331 |
| 5.65587963 | 14.4 | 29.3862 | 5.823125 | 14.14 | 27.7686 | 5.99025463 | 13.7 | 24.3072 |
| 5.65599537 | 14.38 | 29.2726 | 5.82324074 | 14.12 | 28.0385 | 5.99037037 | 13.7 | 24.2986 |
| 5.65611111 | 14.4 | 27.8561 | 5.82335648 | 14.15 | 28.1659 | 5.99048611 | 13.72 | 24.3291 |
| 5.65622685 | 14.44 | 26.3888 | 5.82347222 | 14.14 | 28.024 | 5.99060185 | 13.72 | 24.3521 |
| 5.65634259 | 14.4 | 29.0919 | 5.82358796 | 14.14 | 27.9578 | 5.99071759 | 13.7 | 24.2986 |
| 5.65645833 | 14.4 | 28.1147 | 5.8237037 | 14.14 | 27.9928 | 5.99083333 | 13.7 | 24.2986 |
| 5.65657407 | 14.48 | 23.2146 | 5.82381944 | 14.14 | 27.9617 | 5.99094907 | 13.7 | 24.2899 |
| 5.65668982 | 14.45 | 26.0788 | 5.82393519 | 14.14 | 27.9384 | 5.99106482 | 13.7 | 24.3735 |
| 5.65680556 | 14.43 | 28.2121 | 5.82405093 | 14.14 | 27.8957 | 5.99118056 | 13.72 | 24.2945 |
| 5.6569213 | 14.41 | 28.2266 | 5.82416667 | 14.14 | 27.95 | 5.9912963 | 13.7 | 24.2756 |
| 5.65703704 | 14.41 | 28.8996 | 5.82428241 | 14.14 | 27.9267 | 5.99141204 | 13.69 | 24.2219 |
| 5.65715278 | 14.37 | 29.793 | 5.82439815 | 14.14 | 27.919 | 5.99152778 | 13.69 | 24.2219 |
| 5.65726852 | 14.38 | 29.5878 | 5.82451389 | 14.12 | 27.9839 | 5.99164352 | 13.69 | 24.1764 |
| 5.65738426 | 14.4 | 28.5973 | 5.82462963 | 14.14 | 27.9695 | 5.99175926 | 13.69 | 24.1707 |
| 5.6575 | 14.47 | 24.9095 | 5.82474537 | 14.12 | 27.9606 | 5.991875 | 13.69 | 24.1565 |
| 5.65761574 | 14.47 | 25.9671 | 5.82486111 | 14.12 | 27.9528 | 5.99199074 | 13.69 | 24.165 |
| 5.65773148 | 14.41 | 28.7915 | 5.82497685 | 14.12 | 27.9761 | 5.99210648 | 13.69 | 24.148 |
| 5.65784722 | 14.41 | 28.2306 | 5.82509259 | 14.12 | 27.9995 | 5.99222222 | 13.69 | 24.1395 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65796296 | 14.41 | 28.4192 | 5.82520833 | 14.12 | 27.9606 | 5.99233796 | 13.67 | 24.1379 |
| 5.6580787 | 14.41 | 28.0483 | 5.82532407 | 14.14 | 28.0279 | 5.9924537 | 13.69 | 24.1197 |
| 5.65819444 | 14.45 | 26.0448 | 5.82543982 | 14.12 | 27.9917 | 5.99256944 | 13.67 | 24.1097 |
| 5.65831019 | 14.45 | 26.1129 | 5.82555556 | 14.12 | 28.0151 | 5.99268519 | 13.67 | 24.1097 |
| 5.65842593 | 14.45 | 26.302 | 5.8256713 | 14.15 | 28.1817 | 5.99280093 | 13.69 | 24.0831 |
| 5.65854167 | 14.45 | 26.9995 | 5.82578704 | 14.14 | 28.0357 | 5.99291667 | 13.67 | 24.0871 |
| 5.65865741 | 14.43 | 27.4518 | 5.82590278 | 14.12 | 27.9761 | 5.99303241 | 13.67 | 24.104 |
| 5.65877315 | 14.45 | 26.0346 | 5.82601852 | 14.11 | 27.9601 | 5.99314815 | 13.67 | 24.1181 |
| 5.65888889 | 14.48 | 23.7662 | 5.82613426 | 14.12 | 28.0307 | 5.99326389 | 13.67 | 24.0815 |
| 5.65900463 | 14.5 | 24.5278 | 5.82625 | 14.12 | 27.9645 | 5.99337963 | 13.67 | 24.0871 |
| 5.65912037 | 14.43 | 28.3965 | 5.82636574 | 14.11 | 27.9406 | 5.99349537 | 13.67 | 24.0731 |
| 5.65923611 | 14.41 | 29.3056 | 5.82648148 | 14.11 | 27.8402 | 5.99361111 | 13.67 | 24.0675 |
| 5.65935185 | 14.4 | 29.4078 | 5.82659722 | 14.11 | 27.8633 | 5.99372685 | 13.67 | 24.09 |
| 5.65946759 | 14.44 | 26.7029 | 5.82671296 | 14.11 | 27.8556 | 5.99384259 | 13.67 | 24.0815 |
| 5.65958333 | 14.43 | 28.292 | 5.8268287 | 14.09 | 27.9125 | 5.99395833 | 13.67 | 24.1097 |
| 5.65969907 | 14.38 | 30.1789 | 5.82694444 | 14.12 | 27.8831 | 5.99407407 | 13.67 | 24.1181 |
| 5.65981482 | 14.44 | 26.4938 | 5.82706019 | 14.11 | 27.844 | 5.99418982 | 13.69 | 24.1056 |
| 5.65993056 | 14.45 | 25.2585 | 5.82717593 | 14.11 | 27.8363 | 5.99430556 | 13.67 | 24.1153 |
| 5.6600463 | 14.45 | 25.3738 | 5.82729167 | 14.11 | 27.7557 | 5.9944213 | 13.69 | 24.0971 |
| 5.66016204 | 14.45 | 26.5222 | 5.82740741 | 14.11 | 27.748 | 5.99453704 | 13.69 | 24.148 |
| 5.66027778 | 14.45 | 26.6177 | 5.82752315 | 14.11 | 27.771 | 5.99465278 | 13.69 | 24.1282 |
| 5.66039352 | 14.44 | 27.0651 | 5.82763889 | 14.11 | 27.8171 | 5.99476852 | 13.69 | 24.1028 |
| 5.66050926 | 14.43 | 27.339 | 5.82775463 | 14.11 | 27.7748 | 5.99488426 | 13.67 | 24.1323 |
| 5.660625 | 14.47 | 24.4838 | 5.82787037 | 14.11 | 27.8094 | 5.995 | 13.69 | 24.1282 |
| 5.66074074 | 14.4 | 29.4553 | 5.82798611 | 14.11 | 27.8556 | 5.99511574 | 13.69 | 24.148 |
| 5.66085648 | 14.37 | 30.516 | 5.82810185 | 14.14 | 27.9074 | 5.99523148 | 13.69 | 24.1254 |
| 5.66097222 | 14.37 | 30.4147 | 5.82821759 | 14.14 | 27.8378 | 5.99534722 | 13.7 | 24.1502 |
| 5.66108796 | 14.4 | 29.3475 | 5.82833333 | 14.12 | 27.8137 | 5.99546296 | 13.69 | 24.1339 |
| 5.6612037 | 14.4 | 29.1469 | 5.82844907 | 14.11 | 27.8556 | 5.9955787 | 13.69 | 24.148 |
| 5.66131944 | 14.4 | 29.2064 | 5.82856482 | 14.12 | 27.7907 | 5.99569444 | 13.67 | 24.1294 |
| 5.66143519 | 14.4 | 29.2277 | 5.82868056 | 14.14 | 27.8301 | 5.99581019 | 13.69 | 24.1197 |
| 5.66155093 | 14.38 | 29.4878 | 5.8287963 | 14.14 | 27.8919 | 5.99592593 | 13.69 | 24.148 |
| 5.66166667 | 14.38 | 29.803 | 5.82891204 | 14.14 | 27.8417 | 5.99604167 | 13.69 | 24.1339 |
| 5.66178241 | 14.38 | 29.8917 | 5.82902778 | 14.14 | 27.8687 | 5.99615741 | 13.67 | 24.1238 |
| 5.66189815 | 14.38 | 29.7765 | 5.82914352 | 14.14 | 27.9345 | 5.99627315 | 13.67 | 24.1153 |
| 5.66201389 | 14.4 | 28.6834 | 5.82925926 | 14.14 | 27.9695 | 5.99638889 | 13.69 | 24.1906 |
| 5.66212963 | 14.43 | 27.4556 | 5.829375 | 14.14 | 27.95 | 5.99650463 | 13.7 | 24.2441 |
| 5.66224537 | 14.4 | 28.4508 | 5.82949074 | 14.15 | 27.9778 | 5.99662037 | 13.7 | 24.31 |
| 5.66236111 | 14.4 | 29.4813 | 5.82960648 | 14.14 | 27.9035 | 5.99673611 | 13.72 | 24.3435 |
| 5.66247685 | 14.38 | 29.649 | 5.82972222 | 14.14 | 27.9112 | 5.99685185 | 13.73 | 24.3199 |
| 5.66259259 | 14.38 | 29.9184 | 5.82983796 | 14.12 | 27.8986 | 5.99696759 | 13.7 | 24.3043 |
| 5.66270833 | 14.38 | 30.0167 | 5.8299537 | 14.12 | 27.9295 | 5.99708333 | 13.69 | 24.2276 |
| 5.66282407 | 14.37 | 29.9484 | 5.83006944 | 14.14 | 28.0006 | 5.99719907 | 13.7 | 24.2785 |
| 5.66293982 | 14.38 | 29.9764 | 5.83018519 | 14.14 | 27.888 | 5.99731482 | 13.72 | 24.2888 |
| 5.66305556 | 14.37 | 30.1686 | 5.83030093 | 14.12 | 27.9179 | 5.99743056 | 13.69 | 24.1452 |
| 5.6631713 | 14.38 | 30.1427 | 5.83041667 | 14.14 | 27.9889 | 5.9975463 | 13.69 | 24.1197 |
| 5.66328704 | 14.38 | 30.0616 | 5.83053241 | 14.14 | 27.9384 | 5.99766204 | 13.67 | 24.1012 |
| 5.66340278 | 14.38 | 29.8473 | 5.83064815 | 14.14 | 27.9811 | 5.99777778 | 13.67 | 24.1323 |
| 5.66351852 | 14.38 | 29.834 | 5.83076389 | 14.14 | 27.9306 | 5.99789352 | 13.67 | 24.1804 |
| 5.66363426 | 14.38 | 29.6622 | 5.83087963 | 14.12 | 28.0073 | 5.99800926 | 13.69 | 24.1849 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66375 | 14.37 | 29.6917 | 5.83099537 | 14.14 | 27.9578 | 5.998125 | 13.69 | 24.131 |
| 5.66386574 | 14.38 | 29.6446 | 5.83111111 | 14.12 | 27.9567 | 5.99824074 | 13.69 | 24.1197 |
| 5.66398148 | 14.38 | 29.7192 | 5.83122685 | 14.12 | 27.9024 | 5.99835648 | 13.69 | 24.1226 |
| 5.66409722 | 14.38 | 29.7456 | 5.83134259 | 14.12 | 27.9451 | 5.99847222 | 13.69 | 24.1113 |
| 5.66421296 | 14.38 | 29.7633 | 5.83145833 | 14.14 | 27.95 | 5.99858796 | 13.67 | 24.1097 |
| 5.6643287 | 14.4 | 29.4553 | 5.83157407 | 14.12 | 27.9723 | 5.9987037 | 13.69 | 24.0831 |
| 5.66444444 | 14.38 | 29.128 | 5.83168982 | 14.12 | 27.9489 | 5.99881944 | 13.69 | 24.0887 |
| 5.66456019 | 14.37 | 29.5562 | 5.83180556 | 14.14 | 27.9229 | 5.99893519 | 13.67 | 24.0984 |
| 5.66467593 | 14.37 | 29.9708 | 5.8319213 | 14.12 | 27.914 | 5.99905093 | 13.67 | 24.1012 |
| 5.66479167 | 14.37 | 30.0245 | 5.83203704 | 14.14 | 27.9229 | 5.99916667 | 13.67 | 24.0956 |
| 5.66490741 | 14.37 | 29.824 | 5.83215278 | 14.12 | 27.9334 | 5.99928241 | 13.67 | 24.1012 |
| 5.66502315 | 14.4 | 28.7081 | 5.83226852 | 14.14 | 27.9151 | 5.99939815 | 13.67 | 24.0815 |
| 5.66513889 | 14.4 | 28.4346 | 5.83238426 | 14.14 | 27.9112 | 5.99951389 | 13.67 | 24.0506 |
| 5.66525463 | 14.4 | 28.7204 | 5.8325 | 14.14 | 27.9384 | 5.99962963 | 13.66 | 24.0344 |
| 5.66537037 | 14.38 | 29.6578 | 5.83261574 | 14.14 | 27.919 | 5.99974537 | 13.66 | 24.0344 |
| 5.66548611 | 14.38 | 29.8163 | 5.83273148 | 14.15 | 27.904 | 5.99986111 | 13.67 | 24.0226 |
| 5.66560185 | 14.38 | 29.7456 | 5.83284722 | 14.14 | 27.919 | 5.99997685 | 13.67 | 24.1294 |
| 5.66571759 | 14.37 | 30.2229 | 5.83296296 | 14.15 | 27.9001 | 6.00009259 | 13.67 | 24.1379 |
| 5.66583333 | 14.37 | 30.2184 | 5.8330787 | 14.15 | 27.935 | 6.00020833 | 13.69 | 24.182 |
| 5.66594907 | 14.38 | 30.0976 | 5.83319444 | 14.14 | 27.8996 | 6.00032407 | 13.7 | 24.3244 |
| 5.66606482 | 14.37 | 30.1776 | 5.83331019 | 14.15 | 27.8615 | 6.00043982 | 13.72 | 24.3955 |
| 5.66618056 | 14.37 | 30.2048 | 5.83342593 | 14.14 | 27.861 | 6.00055556 | 13.7 | 24.2813 |
| 5.6662963 | 14.37 | 30.2184 | 5.83354167 | 14.14 | 27.8803 | 6.0006713 | 13.67 | 24.1464 |
| 5.66641204 | 14.37 | 30.2456 | 5.83365741 | 14.14 | 27.8417 | 6.00078704 | 13.67 | 24.1238 |
| 5.66652778 | 14.35 | 30.325 | 5.83377315 | 14.14 | 27.8455 | 6.00090278 | 13.67 | 24.0562 |
| 5.66664352 | 14.38 | 30.0122 | 5.83388889 | 14.14 | 27.8032 | 6.00101852 | 13.66 | 24.0344 |
| 5.66675926 | 14.37 | 30.2957 | 5.83400463 | 14.14 | 27.7801 | 6.00113426 | 13.67 | 24.0282 |
| 5.666875 | 14.37 | 30.5299 | 5.83412037 | 14.14 | 27.784 | 6.00125 | 13.66 | 24.0569 |
| 5.66699074 | 14.37 | 30.4653 | 5.83423611 | 14.12 | 27.7983 | 6.00136574 | 13.66 | 24.0765 |
| 5.66710648 | 14.37 | 30.4561 | 5.83435185 | 14.12 | 27.833 | 6.00148148 | 13.67 | 24.0338 |
| 5.66722222 | 14.37 | 30.0963 | 5.83446759 | 14.12 | 27.7792 | 6.00159722 | 13.66 | 24.0569 |
| 5.66733796 | 14.35 | 30.3891 | 5.83458333 | 14.12 | 27.7485 | 6.00171296 | 13.67 | 24.1266 |
| 5.6674537 | 14.35 | 30.412 | 5.83469907 | 14.11 | 27.7748 | 6.0018287 | 13.67 | 24.0787 |
| 5.66756944 | 14.37 | 30.3963 | 5.83481482 | 14.12 | 27.7485 | 6.00194444 | 13.66 | 24.0793 |
| 5.66768519 | 14.37 | 30.3826 | 5.83493056 | 14.12 | 27.7256 | 6.00206019 | 13.66 | 24.1075 |
| 5.66780093 | 14.37 | 30.3185 | 5.8350463 | 14.11 | 27.6984 | 6.00217593 | 13.67 | 24.0787 |
| 5.66791667 | 14.37 | 30.0828 | 5.83516204 | 14.11 | 27.6755 | 6.00229167 | 13.69 | 24.2133 |
| 5.66803241 | 14.37 | 30.146 | 5.83527778 | 14.09 | 27.6708 | 6.00240741 | 13.67 | 24.1238 |
| 5.66814815 | 14.37 | 29.771 | 5.83539352 | 14.11 | 27.6755 | 6.00252315 | 13.67 | 24.1492 |
| 5.66826389 | 14.38 | 29.3928 | 5.83550926 | 14.09 | 27.648 | 6.00263889 | 13.67 | 24.1069 |
| 5.66837963 | 14.38 | 29.963 | 5.835625 | 14.09 | 27.6632 | 6.00275463 | 13.66 | 24.0709 |
| 5.66849537 | 14.37 | 30.0469 | 5.83574074 | 14.09 | 27.6177 | 6.00287037 | 13.67 | 24.0562 |
| 5.66861111 | 14.37 | 30.146 | 5.83585648 | 14.09 | 27.6404 | 6.00298611 | 13.69 | 24.202 |
| 5.66872685 | 14.38 | 29.7809 | 5.83597222 | 14.09 | 27.6822 | 6.00310185 | 13.67 | 24.2032 |
| 5.66884259 | 14.37 | 29.6304 | 5.83608796 | 14.11 | 27.6946 | 6.00321759 | 13.72 | 24.6416 |
| 5.66895833 | 14.38 | 29.4878 | 5.8362037 | 14.12 | 27.7103 | 6.00333333 | 13.75 | 20.8812 |
| 5.66907407 | 14.4 | 29.3992 | 5.83631944 | 14.15 | 28.0207 | 6.00344907 | 13.66 | 24.1725 |
| 5.66918982 | 14.4 | 29.5508 | 5.83643519 | 14.14 | 27.8532 | 6.00356482 | 13.66 | 24.164 |
| 5.66930556 | 14.38 | 29.649 | 5.83655093 | 14.15 | 27.9234 | 6.00368056 | 13.67 | 18.7824 |
| 5.6694213 | 14.38 | 29.7942 | 5.83666667 | 14.15 | 27.75 | 6.0037963 | 13.64 | 24.2505 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66953704 | 14.37 | 29.7049 | 5.83678241 | 14.15 | 27.846 | 6.00391204 | 13.67 | 24.2174 |
| 5.66965278 | 14.38 | 29.7942 | 5.83689815 | 14.14 | 27.7571 | 6.00402778 | 13.66 | 24.2608 |
| 5.66976852 | 14.38 | 29.6885 | 5.83701389 | 14.15 | 27.846 | 6.00414352 | 13.66 | 24.2894 |
| 5.66988426 | 14.37 | 30.1414 | 5.83712963 | 14.15 | 27.8383 | 6.00425926 | 13.63 | 0.9758 |
| 5.67 | 14.37 | 30.0379 | 5.83724537 | 14.18 | 28.1717 | 6.004375 | 13.62 | 0.6688 |
| 5.67011574 | 14.37 | 29.5128 | 5.83736111 | 14.14 | 27.8764 | 6.00449074 | 13.69 | 24.7202 |
| 5.67023148 | 14.38 | 28.9764 | 5.83747685 | 14.15 | 27.9118 | 6.00460648 | 13.7 | 24.7257 |
| 5.67034722 | 14.38 | 28.9638 | 5.83759259 | 14.15 | 28.0012 | 6.00472222 | 13.72 | 24.8568 |
| 5.67046296 | 14.4 | 28.8114 | 5.83770833 | 14.14 | 27.8996 | 6.00483796 | 13.73 | 24.8835 |
| 5.6705787 | 14.38 | 28.9806 | 5.83782407 | 14.15 | 27.9739 | 6.0049537 | 13.72 | 24.8206 |
| 5.67069444 | 14.4 | 29.2362 | 5.83793982 | 14.15 | 28.0051 | 6.00506944 | 13.72 | 24.89 |
| 5.67081019 | 14.38 | 29.3154 | 5.83805556 | 14.15 | 28.0402 | 6.00518519 | 13.75 | 25.0013 |
| 5.67092593 | 14.41 | 28.0483 | 5.8381713 | 14.17 | 28.0101 | 6.00530093 | 13.73 | 25.0021 |
| 5.67104167 | 14.45 | 25.7196 | 5.83828704 | 14.15 | 27.9622 | 6.00541667 | 13.72 | 24.9507 |
| 5.67115741 | 14.45 | 26.0075 | 5.83840278 | 14.17 | 28.0101 | 6.00553241 | 13.73 | 24.9472 |
| 5.67127315 | 14.44 | 26.7172 | 5.83851852 | 14.15 | 28.0598 | 6.00564815 | 13.75 | 25.0626 |
| 5.67138889 | 14.44 | 27.0357 | 5.83863426 | 14.17 | 28.1829 | 6.00576389 | 13.75 | 25.0074 |
| 5.67150463 | 14.43 | 27.1235 | 5.83875 | 14.18 | 28.1638 | 6.00587963 | 13.73 | 24.8533 |
| 5.67162037 | 14.43 | 27.3502 | 5.83886574 | 14.18 | 28.3225 | 6.00599537 | 13.72 | 24.8296 |
| 5.67173611 | 14.43 | 27.4443 | 5.83898148 | 14.19 | 28.3152 | 6.00611111 | 13.7 | 24.7645 |
| 5.67185185 | 14.43 | 27.6342 | 5.83909722 | 14.18 | 28.3385 | 6.00622685 | 13.7 | 24.687 |
| 5.67196759 | 14.4 | 28.9698 | 5.83921296 | 14.15 | 28.1383 | 6.00634259 | 13.69 | 24.6017 |
| 5.67208333 | 14.4 | 28.5524 | 5.8393287 | 14.15 | 28.0911 | 6.00645833 | 13.69 | 24.5781 |
| 5.67219907 | 14.38 | 29.9273 | 5.83944444 | 14.15 | 28.0129 | 6.00657407 | 13.69 | 24.5899 |
| 5.67231482 | 14.4 | 28.6095 | 5.83956019 | 14.15 | 27.9934 | 6.00668982 | 13.69 | 24.5019 |
| 5.67243056 | 14.4 | 28.6218 | 5.83967593 | 14.14 | 27.8957 | 6.00680556 | 13.69 | 24.5575 |
| 5.6725463 | 14.4 | 29.0034 | 5.83979167 | 14.14 | 27.8455 | 6.0069213 | 13.7 | 24.6041 |
| 5.67266204 | 14.38 | 29.6053 | 5.83990741 | 14.14 | 27.8764 | 6.00703704 | 13.69 | 24.6253 |
| 5.67277778 | 14.4 | 29.3518 | 5.84002315 | 14.14 | 27.8803 | 6.00715278 | 13.7 | 24.6337 |
| 5.67289352 | 14.38 | 29.2769 | 5.84013889 | 14.14 | 27.8764 | 6.00726852 | 13.7 | 24.61 |
| 5.67300926 | 14.38 | 29.728 | 5.84025463 | 14.12 | 27.8792 | 6.00738426 | 13.69 | 24.5106 |
| 5.673125 | 14.38 | 29.8828 | 5.84037037 | 14.14 | 27.9035 | 6.0075 | 13.67 | 24.4098 |
| 5.67324074 | 14.4 | 29.2319 | 5.84048611 | 14.14 | 27.8764 | 6.00761574 | 13.67 | 24.4272 |
| 5.67335648 | 14.38 | 29.2385 | 5.84060185 | 14.14 | 28.0006 | 6.00773148 | 13.66 | 24.3872 |
| 5.67347222 | 14.4 | 29.2618 | 5.84071759 | 14.14 | 27.9229 | 6.00784722 | 13.69 | 24.5781 |
| 5.67358796 | 14.38 | 29.41 | 5.84083333 | 14.12 | 27.8986 | 6.00796296 | 13.72 | 24.893 |
| 5.6737037 | 14.38 | 29.2129 | 5.84094907 | 14.14 | 27.8263 | 6.0080787 | 13.72 | 24.9415 |
| 5.67381944 | 14.38 | 29.8119 | 5.84106482 | 14.12 | 27.8214 | 6.00819444 | 13.73 | 25.0021 |
| 5.67393519 | 14.38 | 29.8163 | 5.84118056 | 14.14 | 27.8147 | 6.00831019 | 13.72 | 24.9567 |
| 5.67405093 | 14.38 | 29.4965 | 5.8412963 | 14.11 | 27.8094 | 6.00842593 | 13.72 | 24.8056 |
| 5.67416667 | 14.38 | 29.5922 | 5.84141204 | 14.14 | 27.8417 | 6.00854167 | 13.72 | 24.8839 |
| 5.67428241 | 14.4 | 29.6162 | 5.84152778 | 14.12 | 27.8214 | 6.00865741 | 13.73 | 24.8926 |
| 5.67439815 | 14.38 | 29.7501 | 5.84164352 | 14.12 | 27.8022 | 6.00877315 | 13.73 | 25.0603 |
| 5.67451389 | 14.38 | 29.5747 | 5.84175926 | 14.12 | 27.8754 | 6.00888889 | 13.72 | 25.0116 |
| 5.67462963 | 14.38 | 29.9675 | 5.841875 | 14.12 | 27.8638 | 6.00900463 | 13.72 | 25.0116 |
| 5.67474537 | 14.38 | 29.9452 | 5.84199074 | 14.14 | 27.9112 | 6.00912037 | 13.72 | 24.8598 |
| 5.67486111 | 14.41 | 29.2116 | 5.84210648 | 14.14 | 27.9267 | 6.00923611 | 13.7 | 24.7735 |
| 5.67497685 | 14.4 | 29.4856 | 5.84222222 | 14.12 | 27.9412 | 6.00935185 | 13.72 | 24.7966 |
| 5.67509259 | 14.4 | 29.5769 | 5.84233796 | 14.12 | 27.8986 | 6.00946759 | 13.72 | 24.8357 |
| 5.67520833 | 14.4 | 29.6075 | 5.8424537 | 14.14 | 27.9384 | 6.00958333 | 13.76 | 25.5229 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67532407 | 14.41 | 29.1861 | 5.84256944 | 14.14 | 27.9345 | 6.00969907 | 13.73 | 25.1651 |
| 5.67543982 | 14.41 | 29.114 | 5.84268519 | 14.14 | 27.9656 | 6.00981482 | 13.7 | 24.6544 |
| 5.67555556 | 14.41 | 29.1776 | 5.84280093 | 14.14 | 27.9578 | 6.00993056 | 13.69 | 24.6105 |
| 5.6756713 | 14.43 | 29.0821 | 5.84291667 | 14.12 | 27.833 | 6.0100463 | 13.69 | 24.7321 |
| 5.67578704 | 14.44 | 28.9484 | 5.84303241 | 14.12 | 27.8561 | 6.01016204 | 13.7 | 24.7317 |
| 5.67590278 | 14.44 | 29.0788 | 5.84314815 | 14.11 | 27.8594 | 6.01027778 | 13.73 | 25.0112 |
| 5.67601852 | 14.45 | 28.8824 | 5.84326389 | 14.12 | 27.8986 | 6.01039352 | 13.72 | 24.9385 |
| 5.67613426 | 14.45 | 28.8866 | 5.84337963 | 14.12 | 27.9024 | 6.01050926 | 13.75 | 25.2048 |
| 5.67625 | 14.44 | 28.8731 | 5.84349537 | 14.12 | 27.9334 | 6.010625 | 13.72 | 24.7367 |
| 5.67636574 | 14.45 | 28.8574 | 5.84361111 | 14.15 | 28.241 | 6.01074074 | 13.69 | 24.6845 |
| 5.67648148 | 14.44 | 29.024 | 5.84372685 | 14.15 | 27.935 | 6.01085648 | 13.69 | 24.6519 |
| 5.67659722 | 14.43 | 29.1244 | 5.84384259 | 14.14 | 28.1063 | 6.01097222 | 13.69 | 24.7172 |
| 5.67671296 | 14.44 | 29.236 | 5.84395833 | 14.15 | 28.2967 | 6.01108796 | 13.7 | 24.8095 |
| 5.6768287 | 14.43 | 29.2435 | 5.84407407 | 14.17 | 28.1908 | 6.0112037 | 13.69 | 24.5399 |
| 5.67694444 | 14.44 | 29.1848 | 5.84418982 | 14.15 | 28.1738 | 6.01131944 | 13.66 | 24.5298 |
| 5.67706019 | 14.41 | 29.3185 | 5.84430556 | 14.17 | 28.0688 | 6.01143519 | 13.67 | 24.538 |
| 5.67717593 | 14.4 | 29.7833 | 5.8444213 | 14.15 | 28.0637 | 6.01155093 | 13.69 | 24.8641 |
| 5.67729167 | 14.4 | 29.7215 | 5.84453704 | 14.15 | 28.2291 | 6.01166667 | 13.73 | 25.1003 |
| 5.67740741 | 14.4 | 29.9075 | 5.84465278 | 14.14 | 28.4641 | 6.01178241 | 13.73 | 25.1126 |
| 5.67752315 | 14.4 | 29.903 | 5.84476852 | 14.15 | 28.1856 | 6.01189815 | 13.72 | 25.0545 |
| 5.67763889 | 14.4 | 29.6644 | 5.84488426 | 14.14 | 28.1692 | 6.01201389 | 13.73 | 25.0633 |
| 5.67775463 | 14.4 | 29.6381 | 5.845 | 14.17 | 28.434 | 6.01212963 | 13.7 | 24.8667 |
| 5.67787037 | 14.4 | 29.8186 | 5.84511574 | 14.17 | 28.3179 | 6.01224537 | 13.69 | 24.7769 |
| 5.67798611 | 14.4 | 29.8142 | 5.84523148 | 14.15 | 28.1896 | 6.01236111 | 13.7 | 24.8065 |
| 5.67810185 | 14.4 | 29.5682 | 5.84534722 | 14.17 | 28.3538 | 6.01247685 | 13.72 | 24.9628 |
| 5.67821759 | 14.4 | 29.5552 | 5.84546296 | 14.15 | 28.2093 | 6.01259259 | 13.72 | 25.0239 |
| 5.67833333 | 14.4 | 29.503 | 5.8455787 | 14.18 | 28.4307 | 6.01270833 | 13.73 | 24.8987 |
| 5.67844907 | 14.41 | 29.2799 | 5.84569444 | 14.19 | 28.6788 | 6.01282407 | 13.72 | 24.8688 |
| 5.67856482 | 14.41 | 29.3271 | 5.84581019 | 14.19 | 28.4838 | 6.01293982 | 13.72 | 24.8327 |
| 5.67868056 | 14.43 | 28.9936 | 5.84592593 | 14.21 | 28.6722 | 6.01305556 | 13.72 | 24.8417 |
| 5.6787963 | 14.43 | 28.96 | 5.84604167 | 14.22 | 28.8127 | 6.0131713 | 13.7 | 24.7078 |
| 5.67891204 | 14.43 | 28.9223 | 5.84615741 | 14.22 | 28.7879 | 6.01328704 | 13.69 | 24.6312 |
| 5.67902778 | 14.41 | 29.2799 | 5.84627315 | 14.24 | 28.8474 | 6.01340278 | 13.67 | 24.5263 |
| 5.67914352 | 14.43 | 29.3635 | 5.84638889 | 14.22 | 28.7879 | 6.01351852 | 13.66 | 24.4597 |
| 5.67925926 | 14.41 | 29.0211 | 5.84650463 | 14.24 | 28.7937 | 6.01363426 | 13.66 | 24.486 |
| 5.679375 | 14.43 | 28.9265 | 5.84662037 | 14.24 | 28.9097 | 6.01375 | 13.67 | 24.5997 |
| 5.67949074 | 14.41 | 29.2628 | 5.84673611 | 14.24 | 28.8765 | 6.01386574 | 13.66 | 24.5561 |
| 5.67960648 | 14.41 | 28.6924 | 5.84685185 | 14.22 | 28.6035 | 6.01398148 | 13.67 | 24.4913 |
| 5.67972222 | 14.43 | 28.514 | 5.84696759 | 14.19 | 28.5282 | 6.01409722 | 13.64 | 24.4115 |
| 5.67983796 | 14.43 | 28.3804 | 5.84708333 | 14.18 | 28.4589 | 6.01421296 | 13.64 | 24.4434 |
| 5.6799537 | 14.41 | 28.746 | 5.84719907 | 14.15 | 28.1659 | 6.0143287 | 13.66 | 24.4452 |
| 5.68006944 | 14.41 | 28.7254 | 5.84731482 | 14.15 | 28.1068 | 6.01444444 | 13.67 | 24.4913 |
| 5.68018519 | 14.4 | 29.1724 | 5.84743056 | 14.19 | 28.6013 | 6.01456019 | 13.66 | 24.483 |
| 5.68030093 | 14.38 | 29.4792 | 5.8475463 | 14.15 | 28.158 | 6.01467593 | 13.66 | 24.7276 |
| 5.68041667 | 14.37 | 30.0559 | 5.84766204 | 14.15 | 28.2212 | 6.01479167 | 13.67 | 24.644 |
| 5.68053241 | 14.38 | 29.728 | 5.84777778 | 14.15 | 28.2212 | 6.01490741 | 13.67 | 24.7063 |
| 5.68064815 | 14.4 | 29.0961 | 5.84789352 | 14.18 | 28.3185 | 6.01502315 | 13.67 | 24.6885 |
| 5.68076389 | 14.37 | 29.5606 | 5.84800926 | 14.18 | 28.3905 | 6.01513889 | 13.67 | 24.6292 |
| 5.68087963 | 14.38 | 29.4057 | 5.848125 | 14.15 | 28.2887 | 6.01525463 | 13.66 | 24.5944 |
| 5.68099537 | 14.4 | 29.3992 | 5.84824074 | 14.14 | 28.1732 | 6.01537037 | 13.67 | 24.6885 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68111111 | 14.38 | 29.5399 | 5.84835648 | 14.17 | 28.3139 | 6.01548611 | 13.67 | 24.5791 |
| 5.68122685 | 14.37 | 29.8506 | 5.84847222 | 14.12 | 28.0855 | 6.01560185 | 13.66 | 24.5591 |
| 5.68134259 | 14.38 | 29.4359 | 5.84858796 | 14.11 | 27.9639 | 6.01571759 | 13.67 | 24.6499 |
| 5.68145833 | 14.38 | 29.423 | 5.8487037 | 14.12 | 27.9645 | 6.01583333 | 13.66 | 24.6032 |
| 5.68157407 | 14.38 | 29.2769 | 5.84881944 | 14.11 | 27.8826 | 6.01594907 | 13.69 | 24.5987 |
| 5.68168982 | 14.38 | 29.1026 | 5.84893519 | 14.09 | 27.8546 | 6.01606482 | 13.66 | 24.6002 |
| 5.68180556 | 14.38 | 29.09 | 5.84905093 | 14.08 | 27.8579 | 6.01618056 | 13.66 | 24.5268 |
| 5.6819213 | 14.37 | 29.4047 | 5.84916667 | 14.11 | 27.8517 | 6.0162963 | 13.66 | 24.5035 |
| 5.68203704 | 14.37 | 29.5215 | 5.84928241 | 14.11 | 27.8325 | 6.01641204 | 13.64 | 24.5455 |
| 5.68215278 | 14.37 | 29.3702 | 5.84939815 | 14.11 | 27.8787 | 6.01652778 | 13.66 | 24.6327 |
| 5.68226852 | 14.37 | 29.4694 | 5.84951389 | 14.11 | 27.9406 | 6.01664352 | 13.69 | 24.852 |
| 5.68238426 | 14.37 | 29.409 | 5.84962963 | 14.12 | 27.9839 | 6.01675926 | 13.69 | 24.8279 |
| 5.6825 | 14.37 | 29.323 | 5.84974537 | 14.14 | 27.9772 | 6.016875 | 13.7 | 24.8636 |
| 5.68261574 | 14.37 | 29.4694 | 5.84986111 | 14.11 | 28.0028 | 6.01699074 | 13.72 | 24.9051 |
| 5.68273148 | 14.37 | 29.353 | 5.84997685 | 14.14 | 28.0436 | 6.01710648 | 13.7 | 24.8939 |
| 5.68284722 | 14.35 | 29.7598 | 5.85009259 | 14.14 | 28.0436 | 6.01722222 | 13.7 | 24.8939 |
| 5.68296296 | 14.35 | 29.672 | 5.85020833 | 14.14 | 28.0553 | 6.01733796 | 13.69 | 24.7829 |
| 5.6830787 | 14.35 | 29.7466 | 5.85032407 | 14.12 | 28.0424 | 6.0174537 | 13.67 | 24.7182 |
| 5.68319444 | 14.37 | 29.6961 | 5.85043982 | 14.09 | 27.9435 | 6.01756944 | 13.69 | 24.6816 |
| 5.68331019 | 14.35 | 29.7466 | 5.85055556 | 14.09 | 27.9745 | 6.01768519 | 13.67 | 24.7331 |
| 5.68342593 | 14.35 | 29.729 | 5.8506713 | 14.09 | 28.0056 | 6.01780093 | 13.67 | 24.6558 |
| 5.68354167 | 14.35 | 29.8793 | 5.85078704 | 14.09 | 27.959 | 6.01791667 | 13.67 | 24.6796 |
| 5.68365741 | 14.35 | 29.5889 | 5.85090278 | 14.09 | 28.0173 | 6.01803241 | 13.69 | 24.768 |
| 5.68377315 | 14.34 | 29.7763 | 5.85101852 | 14.09 | 27.9784 | 6.01814815 | 13.69 | 24.831 |
| 5.68388889 | 14.34 | 29.8117 | 5.85113426 | 14.11 | 28.0145 | 6.01826389 | 13.69 | 24.9155 |
| 5.68400463 | 14.34 | 29.9582 | 5.85125 | 14.09 | 28.0446 | 6.01837963 | 13.7 | 24.8939 |
| 5.68412037 | 14.34 | 29.6796 | 5.85136574 | 14.11 | 28.0927 | 6.01849537 | 13.7 | 24.7765 |
| 5.68423611 | 14.34 | 29.9359 | 5.85148148 | 14.11 | 28.0458 | 6.01861111 | 13.69 | 24.9306 |
| 5.68435185 | 14.34 | 30.0881 | 5.85159722 | 14.09 | 28.1584 | 6.01872685 | 13.69 | 24.8129 |
| 5.68446759 | 14.32 | 30.2302 | 5.85171296 | 14.09 | 28.1112 | 6.01884259 | 13.69 | 24.8581 |
| 5.68458333 | 14.32 | 30.4908 | 5.8518287 | 14.15 | 28.3525 | 6.01895833 | 13.69 | 24.8852 |
| 5.68469907 | 14.3 | 30.8985 | 5.85194444 | 14.12 | 28.1444 | 6.01907407 | 13.69 | 24.9064 |
| 5.68481482 | 14.3 | 30.8608 | 5.85206019 | 14.14 | 28.3918 | 6.01918982 | 13.69 | 24.8129 |
| 5.68493056 | 14.31 | 30.7028 | 5.85217593 | 14.12 | 28.2788 | 6.01930556 | 13.69 | 24.8069 |
| 5.6850463 | 14.3 | 30.8985 | 5.85229167 | 14.14 | 28.2444 | 6.0194213 | 13.67 | 24.7629 |
| 5.68516204 | 14.3 | 30.8325 | 5.85240741 | 14.14 | 28.3279 | 6.01953704 | 13.69 | 24.8129 |
| 5.68527778 | 14.31 | 30.7542 | 5.85252315 | 14.14 | 28.3638 | 6.01965278 | 13.69 | 24.843 |
| 5.68539352 | 14.31 | 30.7215 | 5.85263889 | 14.15 | 28.4326 | 6.01976852 | 13.69 | 24.843 |
| 5.68550926 | 14.31 | 30.834 | 5.85275463 | 14.14 | 28.3478 | 6.01988426 | 13.69 | 24.837 |
| 5.685625 | 14.31 | 30.8105 | 5.85287037 | 14.14 | 28.4279 | 6.02 | 13.67 | 24.6411 |
| 5.68574074 | 14.31 | 30.5263 | 5.85298611 | 14.15 | 28.4367 | 6.02011574 | 13.66 | 24.6327 |
| 5.68585648 | 14.31 | 30.4342 | 5.85310185 | 14.17 | 28.5389 | 6.02023148 | 13.66 | 24.6711 |
| 5.68597222 | 14.31 | 30.393 | 5.85321759 | 14.18 | 28.4911 | 6.02034722 | 13.67 | 24.6263 |
| 5.68608796 | 14.32 | 30.3166 | 5.85333333 | 14.18 | 28.629 | 6.02046296 | 13.67 | 24.7093 |
| 5.6862037 | 14.31 | 30.3884 | 5.85344907 | 14.17 | 28.438 | 6.0205787 | 13.67 | 24.7093 |
| 5.68631944 | 14.32 | 30.1262 | 5.85356482 | 14.19 | 28.6257 | 6.02069444 | 13.66 | 24.7694 |
| 5.68643519 | 14.31 | 30.143 | 5.85368056 | 14.17 | 28.5917 | 6.02081019 | 13.69 | 24.7441 |
| 5.68655093 | 14.34 | 29.8205 | 5.8537963 | 14.17 | 28.5227 | 6.02092593 | 13.69 | 24.8822 |
| 5.68666667 | 14.32 | 29.7476 | 5.85391204 | 14.15 | 28.3565 | 6.02104167 | 13.7 | 24.915 |
| 5.68678241 | 14.32 | 29.7565 | 5.85402778 | 14.15 | 28.4286 | 6.02115741 | 13.7 | 24.8697 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68689815 | 14.34 | 29.7147 | 5.85414352 | 14.18 | 28.6087 | 6.02127315 | 13.72 | 25.0147 |
| 5.68701389 | 14.34 | 29.8914 | 5.85425926 | 14.19 | 28.5891 | 6.02138889 | 13.72 | 25.0791 |
| 5.68712963 | 14.34 | 29.6533 | 5.854375 | 14.17 | 28.4099 | 6.02150463 | 13.7 | 25.1229 |
| 5.68724537 | 14.34 | 29.794 | 5.85449074 | 14.18 | 28.5762 | 6.02162037 | 13.7 | 25.0338 |
| 5.68736111 | 14.34 | 29.7235 | 5.85460648 | 14.14 | 28.3798 | 6.02173611 | 13.7 | 25.0124 |
| 5.68747685 | 14.32 | 29.7917 | 5.85472222 | 14.12 | 28.2154 | 6.02185185 | 13.7 | 24.8999 |
| 5.68759259 | 14.34 | 29.6752 | 5.85483796 | 14.14 | 28.3119 | 6.02196759 | 13.69 | 24.8731 |
| 5.68770833 | 14.34 | 29.7103 | 5.8549537 | 14.17 | 28.422 | 6.02208333 | 13.67 | 24.7719 |
| 5.68782407 | 14.34 | 29.7587 | 5.85506944 | 14.15 | 28.3325 | 6.02219907 | 13.67 | 24.7868 |
| 5.68793982 | 14.34 | 29.7411 | 5.85518519 | 14.14 | 28.304 | 6.02231482 | 13.67 | 24.7093 |
| 5.68805556 | 14.34 | 29.6708 | 5.85530093 | 14.12 | 28.2828 | 6.02243056 | 13.67 | 24.7003 |
| 5.6881713 | 14.32 | 29.6949 | 5.85541667 | 14.12 | 28.2471 | 6.0225463 | 13.64 | 24.6603 |
| 5.68828704 | 14.32 | 29.7476 | 5.85553241 | 14.11 | 28.2069 | 6.02266204 | 13.67 | 24.7271 |
| 5.68840278 | 14.34 | 29.7808 | 5.85564815 | 14.09 | 28.1426 | 6.02277778 | 13.67 | 24.7809 |
| 5.68851852 | 14.34 | 29.8382 | 5.85576389 | 14.08 | 28.1381 | 6.02289352 | 13.69 | 24.852 |
| 5.68863426 | 14.32 | 29.8492 | 5.85587963 | 14.09 | 28.182 | 6.02300926 | 13.69 | 24.759 |
| 5.68875 | 14.34 | 29.8559 | 5.85599537 | 14.09 | 28.2889 | 6.023125 | 13.66 | 24.7306 |
| 5.68886574 | 14.34 | 29.887 | 5.85611111 | 14.09 | 28.2017 | 6.02324074 | 13.67 | 24.88 |
| 5.68898148 | 14.34 | 29.994 | 5.85622685 | 14.11 | 28.1832 | 6.02335648 | 13.67 | 24.8108 |
| 5.68909722 | 14.32 | 30.2347 | 5.85634259 | 14.08 | 28.1578 | 6.02347222 | 13.67 | 24.7003 |
| 5.68921296 | 14.31 | 30.4113 | 5.85645833 | 14.06 | 28.1409 | 6.02358796 | 13.66 | 24.7038 |
| 5.6893287 | 14.31 | 30.5726 | 5.85657407 | 14.06 | 28.1134 | 6.0237037 | 13.67 | 24.7779 |
| 5.68944444 | 14.31 | 30.4434 | 5.85668982 | 14.06 | 28.1134 | 6.02381944 | 13.67 | 24.8258 |
| 5.68956019 | 14.31 | 30.4205 | 5.85680556 | 14.06 | 28.1095 | 6.02393519 | 13.67 | 24.8499 |
| 5.68967593 | 14.32 | 30.3989 | 5.8569213 | 14.08 | 28.1263 | 6.02405093 | 13.67 | 24.8499 |
| 5.68979167 | 14.31 | 30.4664 | 5.85703704 | 14.08 | 28.1696 | 6.02416667 | 13.66 | 24.7306 |
| 5.68990741 | 14.31 | 30.5217 | 5.85715278 | 14.08 | 28.1381 | 6.02428241 | 13.67 | 24.8649 |
| 5.69002315 | 14.31 | 30.531 | 5.85726852 | 14.09 | 28.1308 | 6.02439815 | 13.66 | 24.7634 |
| 5.69013889 | 14.32 | 30.454 | 5.85738426 | 14.08 | 28.1499 | 6.02451389 | 13.67 | 24.7063 |
| 5.69025463 | 14.31 | 30.5263 | 5.8575 | 14.06 | 28.1173 | 6.02462963 | 13.66 | 24.6741 |
| 5.69037037 | 14.31 | 30.4526 | 5.85761574 | 14.06 | 28.1409 | 6.02474537 | 13.66 | 24.7216 |
| 5.69048611 | 14.31 | 30.4802 | 5.85773148 | 14.08 | 28.1381 | 6.02486111 | 13.69 | 24.771 |
| 5.69060185 | 14.31 | 30.5033 | 5.85784722 | 14.06 | 28.1487 | 6.02497685 | 13.66 | 24.7246 |
| 5.69071759 | 14.31 | 30.4572 | 5.85796296 | 14.05 | 28.1168 | 6.02509259 | 13.72 | 25.2869 |
| 5.69083333 | 14.31 | 30.4756 | 5.8580787 | 14.06 | 28.1173 | 6.02520833 | 13.73 | 25.3556 |
| 5.69094907 | 14.32 | 30.4356 | 5.85819444 | 14.06 | 28.1527 | 6.02532407 | 13.75 | 25.3456 |
| 5.69106482 | 14.32 | 30.4448 | 5.85831019 | 14.05 | 28.1246 | 6.02543982 | 13.72 | 25.1965 |
| 5.69118056 | 14.32 | 30.3805 | 5.85842593 | 14.08 | 28.1814 | 6.02555556 | 13.73 | 25.2055 |
| 5.6912963 | 14.32 | 30.4218 | 5.85854167 | 14.09 | 28.2017 | 6.0256713 | 13.75 | 25.3739 |
| 5.69141204 | 14.32 | 30.3805 | 5.85865741 | 14.09 | 28.182 | 6.02578704 | 13.72 | 24.9964 |
| 5.69152778 | 14.31 | 30.3975 | 5.85877315 | 14.09 | 28.1859 | 6.02590278 | 13.7 | 25.043 |
| 5.69164352 | 14.32 | 30.4035 | 5.85888889 | 14.09 | 28.2492 | 6.02601852 | 13.7 | 25.1137 |
| 5.69175926 | 14.32 | 30.3943 | 5.85900463 | 14.09 | 28.1702 | 6.02613426 | 13.72 | 25.0453 |
| 5.691875 | 14.31 | 30.3335 | 5.85912037 | 14.09 | 28.1741 | 6.02625 | 13.72 | 25.3213 |
| 5.69199074 | 14.32 | 30.312 | 5.85923611 | 14.08 | 28.1893 | 6.02636574 | 13.72 | 25.1562 |
| 5.69210648 | 14.32 | 30.2574 | 5.85935185 | 14.08 | 28.1499 | 6.02648148 | 13.7 | 25.0491 |
| 5.69222222 | 14.31 | 30.2971 | 5.85946759 | 14.08 | 28.1578 | 6.02659722 | 13.69 | 24.9519 |
| 5.69233796 | 14.31 | 30.2244 | 5.85958333 | 14.08 | 28.146 | 6.02671296 | 13.69 | 24.8973 |
| 5.6924537 | 14.32 | 30.2756 | 5.85969907 | 14.09 | 28.1899 | 6.0268287 | 13.7 | 25.0553 |
| 5.69256944 | 14.32 | 30.2574 | 5.85981482 | 14.09 | 28.2334 | 6.02694444 | 13.69 | 24.8913 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69268519 | 14.32 | 30.2938 | 5.85993056 | 14.09 | 28.2254 | 6.02706019 | 13.67 | 24.9983 |
| 5.69280093 | 14.32 | 30.2938 | 5.8600463 | 14.09 | 28.2057 | 6.02717593 | 13.69 | 24.9124 |
| 5.69291667 | 14.31 | 30.3198 | 5.86016204 | 14.09 | 28.1899 | 6.02729167 | 13.67 | 24.9892 |
| 5.69303241 | 14.32 | 30.2938 | 5.86027778 | 14.09 | 28.1938 | 6.02740741 | 13.69 | 25.0311 |
| 5.69314815 | 14.31 | 30.2971 | 5.86039352 | 14.08 | 28.1814 | 6.02752315 | 13.7 | 24.9941 |
| 5.69326389 | 14.31 | 30.2607 | 5.86050926 | 14.09 | 28.182 | 6.02763889 | 13.69 | 25.022 |
| 5.69337963 | 14.32 | 30.2847 | 5.860625 | 14.08 | 28.1893 | 6.02775463 | 13.69 | 24.9853 |
| 5.69349537 | 14.31 | 30.2834 | 5.86074074 | 14.08 | 28.1696 | 6.02787037 | 13.69 | 24.8973 |
| 5.69361111 | 14.31 | 30.2834 | 5.86085648 | 14.09 | 28.1702 | 6.02798611 | 13.69 | 25.0464 |
| 5.69372685 | 14.31 | 30.288 | 5.86097222 | 14.06 | 28.1921 | 6.02810185 | 13.7 | 25.0094 |
| 5.69384259 | 14.32 | 30.271 | 5.86108796 | 14.09 | 28.2017 | 6.02821759 | 13.69 | 24.9701 |
| 5.69395833 | 14.31 | 30.3016 | 5.8612037 | 14.08 | 28.1775 | 6.02833333 | 13.67 | 24.9953 |
| 5.69407407 | 14.32 | 30.3394 | 5.86131944 | 14.08 | 28.1775 | 6.02844907 | 13.69 | 24.9185 |
| 5.69418982 | 14.31 | 30.3518 | 5.86143519 | 14.08 | 28.1656 | 6.02856482 | 13.72 | 25.1469 |
| 5.69430556 | 14.31 | 30.4618 | 5.86155093 | 14.08 | 28.1853 | 6.02868056 | 13.72 | 25.1376 |
| 5.6944213 | 14.31 | 30.4113 | 5.86166667 | 14.09 | 28.1938 | 6.0287963 | 13.73 | 25.2522 |
| 5.69453704 | 14.31 | 30.393 | 5.86178241 | 14.09 | 28.2017 | 6.02891204 | 13.73 | 25.2024 |
| 5.69465278 | 14.31 | 30.3655 | 5.86189815 | 14.08 | 28.2169 | 6.02902778 | 13.72 | 25.2869 |
| 5.69476852 | 14.31 | 30.3609 | 5.86201389 | 14.08 | 28.1696 | 6.02914352 | 13.73 | 25.2584 |
| 5.69488426 | 14.31 | 30.393 | 5.86212963 | 14.09 | 28.2017 | 6.02925926 | 13.73 | 25.2834 |
| 5.695 | 14.31 | 30.3747 | 5.86224537 | 14.09 | 28.2136 | 6.029375 | 13.73 | 25.2834 |
| 5.69511574 | 14.31 | 30.4067 | 5.86236111 | 14.09 | 28.1781 | 6.02949074 | 13.7 | 25.0983 |
| 5.69523148 | 14.31 | 30.3153 | 5.86247685 | 14.09 | 28.1584 | 6.02960648 | 13.67 | 24.8559 |
| 5.69534722 | 14.31 | 30.3518 | 5.86259259 | 14.09 | 28.1781 | 6.02972222 | 13.67 | 24.877 |
| 5.69546296 | 14.31 | 30.329 | 5.86270833 | 14.09 | 28.1702 | 6.02983796 | 13.67 | 25.0136 |
| 5.6955787 | 14.31 | 30.3198 | 5.86282407 | 14.08 | 28.2011 | 6.0299537 | 13.67 | 25.0258 |
| 5.69569444 | 14.31 | 30.4067 | 5.86293982 | 14.08 | 28.1853 | 6.03006944 | 13.67 | 24.9892 |
| 5.69581019 | 14.31 | 30.4205 | 5.86305556 | 14.08 | 28.1775 | 6.03018519 | 13.66 | 24.8594 |
| 5.69592593 | 14.31 | 30.3792 | 5.8631713 | 14.08 | 28.1972 | 6.03030093 | 13.64 | 24.8032 |
| 5.69604167 | 14.32 | 30.3577 | 5.86328704 | 14.09 | 28.1899 | 6.03041667 | 13.66 | 24.8925 |
| 5.69615741 | 14.31 | 30.3518 | 5.86340278 | 14.09 | 28.2096 | 6.03053241 | 13.66 | 24.8533 |
| 5.69627315 | 14.32 | 30.3394 | 5.86351852 | 14.08 | 28.1972 | 6.03064815 | 13.67 | 24.9983 |
| 5.69638889 | 14.31 | 30.2789 | 5.86363426 | 14.11 | 28.1753 | 6.03076389 | 13.66 | 24.8383 |
| 5.69650463 | 14.31 | 30.3016 | 5.86375 | 14.09 | 28.1741 | 6.03087963 | 13.69 | 25.022 |
| 5.69662037 | 14.31 | 30.3107 | 5.86386574 | 14.09 | 28.1899 | 6.03099537 | 13.67 | 24.8529 |
| 5.69673611 | 14.31 | 30.3107 | 5.86398148 | 14.09 | 28.1899 | 6.03111111 | 13.67 | 24.9709 |
| 5.69685185 | 14.31 | 30.2652 | 5.86409722 | 14.09 | 28.1781 | 6.03122685 | 13.67 | 25.0687 |
| 5.69696759 | 14.3 | 30.3003 | 5.86421296 | 14.08 | 28.2051 | 6.03134259 | 13.7 | 25.1848 |
| 5.69708333 | 14.31 | 30.2698 | 5.8643287 | 14.09 | 28.2017 | 6.03145833 | 13.7 | 25.3126 |
| 5.69719907 | 14.31 | 30.288 | 5.86444444 | 14.08 | 28.213 | 6.03157407 | 13.75 | 25.434 |
| 5.69731482 | 14.3 | 30.2867 | 5.86456019 | 14.08 | 28.2011 | 6.03168982 | 13.73 | 25.384 |
| 5.69743056 | 14.31 | 30.4205 | 5.86467593 | 14.08 | 28.1853 | 6.03180556 | 13.73 | 25.3745 |
| 5.6975463 | 14.3 | 30.3231 | 5.86479167 | 14.08 | 28.1499 | 6.0319213 | 13.75 | 25.4435 |
| 5.69766204 | 14.31 | 30.3701 | 5.86490741 | 14.06 | 28.1802 | 6.03203704 | 13.76 | 25.5613 |
| 5.69777778 | 14.31 | 30.3975 | 5.86502315 | 14.08 | 28.1775 | 6.03215278 | 13.76 | 25.5966 |
| 5.69789352 | 14.3 | 30.4513 | 5.86513889 | 14.08 | 28.1538 | 6.03226852 | 13.77 | 25.6899 |
| 5.69800926 | 14.31 | 30.4802 | 5.86525463 | 14.08 | 28.2011 | 6.03238426 | 13.77 | 25.606 |
| 5.698125 | 14.31 | 30.4987 | 5.86537037 | 14.06 | 28.1763 | 6.0325 | 13.76 | 25.5869 |
| 5.69824074 | 14.31 | 30.471 | 5.86548611 | 14.08 | 28.1775 | 6.03261574 | 13.77 | 25.7484 |
| 5.69835648 | 14.3 | 30.562 | 5.86560185 | 14.08 | 28.1775 | 6.03273148 | 13.77 | 25.6479 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69847222 | 14.3 | 30.5342 | 5.86571759 | 14.08 | 28.1853 | 6.03284722 | 13.77 | 25.606 |
| 5.69858796 | 14.3 | 30.562 | 5.86583333 | 14.06 | 28.1645 | 6.03296296 | 13.77 | 25.6124 |
| 5.6987037 | 14.3 | 30.5158 | 5.86594907 | 14.08 | 28.1735 | 6.0330787 | 13.73 | 25.3556 |
| 5.69881944 | 14.3 | 30.5342 | 5.86606482 | 14.08 | 28.1853 | 6.03319444 | 13.73 | 25.3556 |
| 5.69893519 | 14.3 | 30.4881 | 5.86618056 | 14.06 | 28.1881 | 6.03331019 | 13.73 | 25.343 |
| 5.69905093 | 14.3 | 30.5065 | 5.8662963 | 14.08 | 28.1538 | 6.03342593 | 13.72 | 25.3874 |
| 5.69916667 | 14.3 | 30.4651 | 5.86641204 | 14.08 | 28.1775 | 6.03354167 | 13.73 | 25.3998 |
| 5.69928241 | 14.31 | 30.4251 | 5.86652778 | 14.06 | 28.1802 | 6.03365741 | 13.72 | 25.4064 |
| 5.69939815 | 14.3 | 30.4283 | 5.86664352 | 14.08 | 28.1696 | 6.03377315 | 13.72 | 25.3057 |
| 5.69951389 | 14.3 | 30.41 | 5.86675926 | 14.06 | 28.1645 | 6.03388889 | 13.73 | 25.4314 |
| 5.69962963 | 14.31 | 30.4021 | 5.866875 | 14.08 | 28.1735 | 6.03400463 | 13.72 | 25.1686 |
| 5.69974537 | 14.31 | 30.3792 | 5.86699074 | 14.08 | 28.2288 | 6.03412037 | 13.73 | 25.4219 |
| 5.69986111 | 14.3 | 30.3962 | 5.86710648 | 14.08 | 28.2407 | 6.03423611 | 13.7 | 25.1383 |
| 5.69997685 | 14.3 | 30.3962 | 5.86722222 | 14.08 | 28.2169 | 6.03435185 | 13.67 | 25.081 |
| 5.70009259 | 14.3 | 30.3779 | 5.86733796 | 14.08 | 28.1696 | 6.03446759 | 13.67 | 25.0503 |
| 5.70020833 | 14.3 | 30.3779 | 5.8674537 | 14.08 | 28.1814 | 6.03458333 | 13.67 | 25.0105 |
| 5.70032407 | 14.31 | 30.4113 | 5.86756944 | 14.08 | 28.1656 | 6.03469907 | 13.67 | 24.9466 |
| 5.70043982 | 14.3 | 30.4192 | 5.86768519 | 14.08 | 28.1735 | 6.03481482 | 13.64 | 24.9358 |
| 5.70055556 | 14.3 | 30.41 | 5.86780093 | 14.06 | 28.2039 | 6.03493056 | 13.64 | 24.9479 |
| 5.7006713 | 14.3 | 30.4329 | 5.86791667 | 14.06 | 28.1645 | 6.0350463 | 13.66 | 24.9683 |
| 5.70078704 | 14.3 | 30.4467 | 5.86803241 | 14.06 | 28.1134 | 6.03516204 | 13.64 | 24.957 |
| 5.70090278 | 14.3 | 30.4421 | 5.86814815 | 14.05 | 28.0464 | 6.03527778 | 13.66 | 24.9198 |
| 5.70101852 | 14.31 | 30.4113 | 5.86826389 | 14.05 | 28.0464 | 6.03539352 | 13.63 | 24.9392 |
| 5.70113426 | 14.3 | 30.4743 | 5.86837963 | 14.04 | 27.9641 | 6.03550926 | 13.64 | 24.9267 |
| 5.70125 | 14.31 | 30.4434 | 5.86849537 | 14.05 | 27.9918 | 6.035625 | 13.63 | 24.9969 |
| 5.70136574 | 14.3 | 30.4605 | 5.86861111 | 14.04 | 27.9447 | 6.03574074 | 13.64 | 24.9752 |
| 5.70148148 | 14.3 | 30.4421 | 5.86872685 | 14.04 | 27.9447 | 6.03585648 | 13.64 | 25.0057 |
| 5.70159722 | 14.3 | 30.4743 | 5.86884259 | 14.04 | 27.8906 | 6.03597222 | 13.63 | 24.9726 |
| 5.70171296 | 14.3 | 30.4927 | 5.86895833 | 14.04 | 27.9215 | 6.03608796 | 13.64 | 25.0301 |
| 5.7018287 | 14.3 | 30.5388 | 5.86907407 | 14.04 | 27.9215 | 6.0362037 | 13.66 | 24.9622 |
| 5.70194444 | 14.3 | 30.5204 | 5.86918982 | 14.05 | 27.9027 | 6.03631944 | 13.64 | 24.9965 |
| 5.70206019 | 14.3 | 30.4559 | 5.86930556 | 14.04 | 27.9525 | 6.03643519 | 13.66 | 25.0476 |
| 5.70217593 | 14.3 | 30.4973 | 5.8694213 | 14.05 | 27.9763 | 6.03655093 | 13.67 | 25.1518 |
| 5.70229167 | 14.28 | 30.5592 | 5.86953704 | 14.04 | 27.9409 | 6.03666667 | 13.69 | 25.3254 |
| 5.70240741 | 14.3 | 30.5805 | 5.86965278 | 14.05 | 27.9802 | 6.03678241 | 13.72 | 25.438 |
| 5.70252315 | 14.3 | 30.5388 | 5.86976852 | 14.04 | 27.9331 | 6.03689815 | 13.75 | 25.5519 |
| 5.70263889 | 14.3 | 30.5342 | 5.86988426 | 14.04 | 27.9331 | 6.03701389 | 13.73 | 25.5204 |
| 5.70275463 | 14.3 | 30.5204 | 5.87 | 14.04 | 27.9641 | 6.03712963 | 13.7 | 25.3439 |
| 5.70287037 | 14.3 | 30.5204 | 5.87011574 | 14.04 | 27.9099 | 6.03724537 | 13.7 | 25.4196 |
| 5.70298611 | 14.3 | 30.5019 | 5.87023148 | 14.04 | 27.9177 | 6.03736111 | 13.72 | 25.4032 |
| 5.70310185 | 14.3 | 30.4743 | 5.87034722 | 14.04 | 27.9177 | 6.03747685 | 13.76 | 25.7616 |
| 5.70321759 | 14.3 | 30.4789 | 5.87046296 | 14.04 | 27.9564 | 6.03759259 | 13.77 | 25.8333 |
| 5.70333333 | 14.3 | 30.4513 | 5.8705787 | 14.04 | 27.9835 | 6.03770833 | 13.76 | 25.8138 |
| 5.70344907 | 14.3 | 30.4559 | 5.87069444 | 14.05 | 28.0074 | 6.03782407 | 13.76 | 25.661 |
| 5.70356482 | 14.31 | 30.4113 | 5.87081019 | 14.05 | 27.9453 | 6.03793982 | 13.73 | 25.4949 |
| 5.70368056 | 14.3 | 30.4146 | 5.87092593 | 14.05 | 27.9918 | 6.03805556 | 13.7 | 25.3439 |
| 5.7037963 | 14.31 | 30.4067 | 5.87104167 | 14.05 | 27.9957 | 6.0381713 | 13.75 | 25.6838 |
| 5.70391204 | 14.3 | 30.3917 | 5.87115741 | 14.05 | 28.0347 | 6.03828704 | 13.75 | 25.7 |
| 5.70402778 | 14.3 | 30.3322 | 5.87127315 | 14.05 | 28.0074 | 6.03840278 | 13.75 | 25.6515 |
| 5.70414352 | 14.28 | 30.2705 | 5.87138889 | 14.04 | 28.0263 | 6.03851852 | 13.76 | 25.6772 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70425926 | 14.3 | 30.1598 | 5.87150463 | 14.04 | 28.0107 | 6.03863426 | 13.73 | 25.4536 |
| 5.704375 | 14.31 | 29.7641 | 5.87162037 | 14.04 | 27.9719 | 6.03875 | 13.72 | 25.3465 |
| 5.70449074 | 14.31 | 29.4373 | 5.87173611 | 14.05 | 28.0308 | 6.03886574 | 13.72 | 25.3465 |
| 5.70460648 | 14.32 | 29.3351 | 5.87185185 | 14.04 | 28.0302 | 6.03898148 | 13.69 | 25.3097 |
| 5.70472222 | 14.31 | 29.5368 | 5.87196759 | 14.04 | 28.003 | 6.03909722 | 13.66 | 25.0629 |
| 5.70483796 | 14.31 | 29.8746 | 5.87208333 | 14.05 | 28.0581 | 6.03921296 | 13.66 | 25.0844 |
| 5.7049537 | 14.32 | 29.4426 | 5.87219907 | 14.05 | 28.023 | 6.0393287 | 13.66 | 25.0446 |
| 5.70506944 | 14.31 | 29.4761 | 5.87231482 | 14.05 | 28.0659 | 6.03944444 | 13.67 | 25.0472 |
| 5.70518519 | 14.32 | 28.7714 | 5.87243056 | 14.05 | 28.0581 | 6.03956019 | 13.66 | 25.0354 |
| 5.70530093 | 14.34 | 28.5111 | 5.8725463 | 14.05 | 28.0152 | 6.03967593 | 13.66 | 25.0293 |
| 5.70541667 | 14.32 | 28.5542 | 5.87266204 | 14.04 | 28.0302 | 6.03979167 | 13.66 | 25.0783 |
| 5.70553241 | 14.32 | 28.6563 | 5.87277778 | 14.04 | 28.038 | 6.03990741 | 13.66 | 25.0293 |
| 5.70564815 | 14.32 | 28.8252 | 5.87289352 | 14.04 | 28.0536 | 6.04002315 | 13.66 | 24.9835 |
| 5.70576389 | 14.32 | 29.4599 | 5.87300926 | 14.04 | 28.0692 | 6.04013889 | 13.64 | 24.9874 |
| 5.70587963 | 14.32 | 29.4642 | 5.873125 | 14.05 | 28.0776 | 6.04025463 | 13.64 | 24.9965 |
| 5.70599537 | 14.31 | 29.3255 | 5.87324074 | 14.04 | 28.0731 | 6.04037037 | 13.64 | 24.9965 |
| 5.70611111 | 14.31 | 28.7706 | 5.87335648 | 14.04 | 28.0731 | 6.04048611 | 13.64 | 25.0331 |
| 5.70622685 | 14.32 | 28.8045 | 5.87347222 | 14.04 | 28.0458 | 6.04060185 | 13.64 | 25.027 |
| 5.70634259 | 14.32 | 28.7055 | 5.87358796 | 14.04 | 28.003 | 6.04071759 | 13.64 | 25.0607 |
| 5.70645833 | 14.32 | 29.0212 | 5.8737037 | 14.06 | 28.2039 | 6.04083333 | 13.66 | 25.0384 |
| 5.70657407 | 14.32 | 28.8004 | 5.87381944 | 14.05 | 28.1364 | 6.04094907 | 13.64 | 25.0118 |
| 5.70668982 | 14.31 | 29.1594 | 5.87393519 | 14.05 | 28.0854 | 6.04106482 | 13.66 | 25.0232 |
| 5.70680556 | 14.32 | 29.1308 | 5.87405093 | 14.05 | 28.0815 | 6.04118056 | 13.67 | 25.2573 |
| 5.7069213 | 14.32 | 28.8004 | 5.87416667 | 14.05 | 28.0542 | 6.0412963 | 13.66 | 25.0537 |
| 5.70703704 | 14.31 | 29.2657 | 5.87428241 | 14.05 | 27.9957 | 6.04141204 | 13.66 | 25.0691 |
| 5.70715278 | 14.31 | 29.4718 | 5.87439815 | 14.05 | 28.0542 | 6.04152778 | 13.66 | 25.1028 |
| 5.70726852 | 14.31 | 29.5889 | 5.87451389 | 14.05 | 28.0191 | 6.04164352 | 13.67 | 25.1209 |
| 5.70738426 | 14.31 | 29.4028 | 5.87462963 | 14.06 | 28.0391 | 6.04175926 | 13.67 | 25.0871 |
| 5.7075 | 14.31 | 29.2529 | 5.87474537 | 14.05 | 27.9453 | 6.041875 | 13.66 | 25.0721 |
| 5.70761574 | 14.32 | 29.1604 | 5.87486111 | 14.05 | 27.9608 | 6.04199074 | 13.67 | 25.0411 |
| 5.70773148 | 14.31 | 29.6894 | 5.87497685 | 14.04 | 27.9215 | 6.04210648 | 13.66 | 25.1645 |
| 5.70784722 | 14.31 | 29.7289 | 5.87509259 | 14.05 | 27.9298 | 6.04222222 | 13.69 | 25.2193 |
| 5.70796296 | 14.31 | 29.7289 | 5.87520833 | 14.04 | 27.9447 | 6.04233796 | 13.67 | 25.2479 |
| 5.7080787 | 14.31 | 29.6413 | 5.87532407 | 14.04 | 27.9215 | 6.0424537 | 13.69 | 25.2504 |
| 5.70819444 | 14.31 | 29.7994 | 5.87543982 | 14.04 | 27.9061 | 6.04256944 | 13.69 | 25.3066 |
| 5.70831019 | 14.31 | 29.6588 | 5.87555556 | 14.04 | 27.9331 | 6.04268519 | 13.7 | 25.3126 |
| 5.70842593 | 14.32 | 29.0422 | 5.8756713 | 14.04 | 27.9409 | 6.04280093 | 13.69 | 25.2566 |
| 5.70854167 | 14.31 | 29.2061 | 5.87578704 | 14.04 | 27.9293 | 6.04291667 | 13.69 | 25.2037 |
| 5.70865741 | 14.31 | 29.4978 | 5.87590278 | 14.04 | 27.9138 | 6.04303241 | 13.7 | 25.3975 |
| 5.70877315 | 14.3 | 29.6358 | 5.87601852 | 14.05 | 27.9336 | 6.04314815 | 13.76 | 25.8203 |
| 5.70888889 | 14.3 | 29.5922 | 5.87613426 | 14.04 | 27.9486 | 6.04326389 | 13.75 | 25.7065 |
| 5.70900463 | 14.31 | 28.676 | 5.87625 | 14.04 | 28.0107 | 6.04337963 | 13.72 | 25.4539 |
| 5.70912037 | 14.31 | 29.0329 | 5.87636574 | 14.04 | 27.9447 | 6.04349537 | 13.7 | 25.2781 |
| 5.70923611 | 14.32 | 28.6891 | 5.87648148 | 14.04 | 27.9952 | 6.04361111 | 13.73 | 25.623 |
| 5.70935185 | 14.3 | 29.7146 | 5.87659722 | 14.04 | 27.9952 | 6.04372685 | 13.72 | 25.4095 |
| 5.70946759 | 14.3 | 29.7762 | 5.87671296 | 14.04 | 27.9835 | 6.04384259 | 13.72 | 25.4634 |
| 5.70958333 | 14.31 | 28.7459 | 5.8768287 | 14.05 | 27.9453 | 6.04395833 | 13.7 | 25.3565 |
| 5.70969907 | 14.31 | 29.1976 | 5.87694444 | 14.05 | 28.0269 | 6.04407407 | 13.7 | 25.3502 |
| 5.70981482 | 14.31 | 28.991 | 5.87706019 | 14.06 | 28.0625 | 6.04418982 | 13.69 | 25.3003 |
| 5.70993056 | 14.31 | 28.9993 | 5.87717593 | 14.06 | 28.0938 | 6.04430556 | 13.7 | 25.25 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7100463 | 14.3 | 29.6053 | 5.87729167 | 14.05 | 27.9841 | 6.0444213 | 13.67 | 25.2075 |
| 5.71016204 | 14.3 | 29.4664 | 5.87740741 | 14.06 | 28.0469 | 6.04453704 | 13.66 | 25.1398 |
| 5.71027778 | 14.31 | 29.5672 | 5.87752315 | 14.05 | 27.9724 | 6.04465278 | 13.66 | 25.1336 |
| 5.71039352 | 14.3 | 29.9223 | 5.87763889 | 14.06 | 28.0938 | 6.04476852 | 13.66 | 25.0783 |
| 5.71050926 | 14.3 | 29.5357 | 5.87775463 | 14.09 | 28.277 | 6.04488426 | 13.64 | 25.1067 |
| 5.710625 | 14.31 | 29.5715 | 5.87787037 | 14.09 | 28.123 | 6.045 | 13.66 | 25.1583 |
| 5.71074074 | 14.3 | 29.8159 | 5.87798611 | 14.08 | 28.0558 | 6.04511574 | 13.66 | 25.1491 |
| 5.71085648 | 14.3 | 29.8203 | 5.87810185 | 14.11 | 28.2623 | 6.04523148 | 13.67 | 25.1765 |
| 5.71097222 | 14.3 | 29.6227 | 5.87821759 | 14.14 | 28.2364 | 6.04534722 | 13.66 | 25.1151 |
| 5.71108796 | 14.28 | 29.708 | 5.87833333 | 14.14 | 28.3159 | 6.04546296 | 13.67 | 25.223 |
| 5.7112037 | 14.3 | 29.5227 | 5.87844907 | 14.15 | 28.2887 | 6.0455787 | 13.66 | 25.1707 |
| 5.71131944 | 14.31 | 29.2956 | 5.87856482 | 14.14 | 28.292 | 6.04569444 | 13.67 | 25.1734 |
| 5.71143519 | 14.3 | 29.3717 | 5.87868056 | 14.12 | 28.1917 | 6.04581019 | 13.67 | 25.2479 |
| 5.71155093 | 14.3 | 29.0783 | 5.8787963 | 14.11 | 28.2069 | 6.04592593 | 13.67 | 25.2448 |
| 5.71166667 | 14.32 | 28.4004 | 5.87891204 | 14.12 | 28.2194 | 6.04604167 | 13.67 | 25.2635 |
| 5.71178241 | 14.3 | 30.1733 | 5.87902778 | 14.12 | 28.2194 | 6.04615741 | 13.67 | 25.192 |
| 5.71189815 | 14.31 | 29.2572 | 5.87914352 | 14.11 | 28.1911 | 6.04627315 | 13.67 | 25.223 |
| 5.71201389 | 14.32 | 27.9486 | 5.87925926 | 14.11 | 28.1674 | 6.04638889 | 13.69 | 25.4388 |
| 5.71212963 | 14.34 | 27.1569 | 5.879375 | 14.11 | 28.1714 | 6.04650463 | 13.69 | 25.2816 |
| 5.71224537 | 14.35 | 26.7255 | 5.87949074 | 14.09 | 28.1308 | 6.04662037 | 13.72 | 25.4348 |
| 5.71236111 | 14.32 | 28.8501 | 5.87960648 | 14.08 | 28.1185 | 6.04673611 | 13.72 | 25.438 |
| 5.71247685 | 14.32 | 27.8786 | 5.87972222 | 14.08 | 28.0871 | 6.04685185 | 13.72 | 25.378 |
| 5.71259259 | 14.32 | 28.4206 | 5.87983796 | 14.08 | 28.091 | 6.04696759 | 13.69 | 25.2753 |
| 5.71270833 | 14.32 | 29.2368 | 5.8799537 | 14.08 | 28.0989 | 6.04708333 | 13.69 | 25.2379 |
| 5.71282407 | 14.34 | 28.2416 | 5.88006944 | 14.06 | 28.0664 | 6.04719907 | 13.69 | 25.338 |
| 5.71293982 | 14.34 | 28.3256 | 5.88018519 | 14.08 | 28.0754 | 6.04731482 | 13.7 | 25.3376 |
| 5.71305556 | 14.34 | 28.2696 | 5.88030093 | 14.05 | 27.8834 | 6.04743056 | 13.69 | 25.338 |
| 5.7131713 | 14.32 | 28.8542 | 5.88041667 | 14.04 | 27.8483 | 6.0475463 | 13.72 | 25.5175 |
| 5.71328704 | 14.31 | 29.7114 | 5.88053241 | 14.04 | 27.8367 | 6.04766204 | 13.72 | 25.527 |
| 5.71340278 | 14.3 | 29.7322 | 5.88064815 | 14.04 | 27.8483 | 6.04777778 | 13.75 | 25.6451 |
| 5.71351852 | 14.31 | 29.8702 | 5.88076389 | 14.04 | 27.8483 | 6.04789352 | 13.72 | 25.4824 |
| 5.71363426 | 14.32 | 28.4812 | 5.88087963 | 14.04 | 27.9254 | 6.04800926 | 13.72 | 25.4761 |
| 5.71375 | 14.3 | 29.741 | 5.88099537 | 14.05 | 27.7873 | 6.048125 | 13.75 | 25.5231 |
| 5.71386574 | 14.31 | 29.2956 | 5.88111111 | 14.02 | 27.7897 | 6.04824074 | 13.72 | 25.4253 |
| 5.71398148 | 14.3 | 29.8248 | 5.88122685 | 14.02 | 27.7172 | 6.04835648 | 13.75 | 25.778 |
| 5.71409722 | 14.31 | 29.4718 | 5.88134259 | 14.01 | 27.7358 | 6.04847222 | 13.72 | 25.4729 |
| 5.71421296 | 14.34 | 27.4966 | 5.88145833 | 14.01 | 27.7053 | 6.04858796 | 13.67 | 25.2199 |
| 5.7143287 | 14.35 | 26.0034 | 5.88157407 | 14.01 | 27.7282 | 6.0487037 | 13.66 | 25.1893 |
| 5.71444444 | 14.32 | 29.0128 | 5.88168982 | 14.02 | 27.7058 | 6.04881944 | 13.67 | 25.2044 |
| 5.71456019 | 14.35 | 25.9865 | 5.88180556 | 14.02 | 27.7172 | 6.04893519 | 13.66 | 25.1707 |
| 5.71467593 | 14.4 | 24.3941 | 5.8819213 | 14.02 | 27.6905 | 6.04905093 | 13.67 | 25.0932 |
| 5.71479167 | 14.38 | 25.5491 | 5.88203704 | 14.02 | 27.6715 | 6.04916667 | 13.66 | 25.0599 |
| 5.71490741 | 14.32 | 28.9751 | 5.88215278 | 14.02 | 27.7096 | 6.04928241 | 13.66 | 25.0446 |
| 5.71502315 | 14.32 | 29.0002 | 5.88226852 | 14.02 | 27.6715 | 6.04939815 | 13.64 | 25.0179 |
| 5.71513889 | 14.35 | 26.9089 | 5.88238426 | 14.02 | 27.6982 | 6.04951389 | 13.66 | 25.0109 |
| 5.71525463 | 14.4 | 24.9358 | 5.8825 | 14.02 | 27.664 | 6.04962963 | 13.66 | 25.0507 |
| 5.71537037 | 14.38 | 25.0107 | 5.88261574 | 14.02 | 27.7172 | 6.04974537 | 13.66 | 25.0599 |
| 5.71548611 | 14.38 | 25.906 | 5.88273148 | 14.01 | 27.7015 | 6.04986111 | 13.66 | 25.0752 |
| 5.71560185 | 14.34 | 28.7154 | 5.88284722 | 14.02 | 27.7706 | 6.04997685 | 13.69 | 25.1696 |
| 5.71571759 | 14.35 | 26.8763 | 5.88296296 | 14.02 | 27.7591 | 6.05009259 | 13.67 | 25.124 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71583333 | 14.43 | 23.1462 | 5.8830787 | 14.04 | 27.8367 | 6.05020833 | 13.72 | 25.7168 |
| 5.71594907 | 14.44 | 22.8821 | 5.88319444 | 14.02 | 27.702 | 6.05032407 | 13.7 | 25.25 |
| 5.71606482 | 14.43 | 23.1383 | 5.88331019 | 14.04 | 27.7524 | 6.05043982 | 13.69 | 25.2473 |
| 5.71618056 | 14.43 | 23.2978 | 5.88342593 | 14.02 | 27.6982 | 6.05055556 | 13.69 | 25.2566 |
| 5.7162963 | 14.43 | 23.5884 | 5.88354167 | 14.02 | 27.7401 | 6.0506713 | 13.75 | 25.6129 |
| 5.71641204 | 14.43 | 24.0694 | 5.88365741 | 14.02 | 27.7974 | 6.05078704 | 13.79 | 26.0948 |
| 5.71652778 | 14.41 | 24.6418 | 5.88377315 | 14.02 | 27.7477 | 6.05090278 | 13.76 | 25.7225 |
| 5.71664352 | 14.37 | 27.3625 | 5.88388889 | 14.04 | 27.8598 | 6.05101852 | 13.75 | 25.6129 |
| 5.71675926 | 14.41 | 25.2177 | 5.88400463 | 14.04 | 27.8791 | 6.05113426 | 13.75 | 25.5167 |
| 5.716875 | 14.4 | 25.0041 | 5.88412037 | 14.02 | 27.8819 | 6.05125 | 13.75 | 25.5679 |
| 5.71699074 | 14.4 | 25.1861 | 5.88423611 | 14.02 | 27.8396 | 6.05136574 | 13.76 | 25.5805 |
| 5.71710648 | 14.41 | 25.0915 | 5.88435185 | 14.04 | 27.8367 | 6.05148148 | 13.8 | 26.0145 |
| 5.71722222 | 14.37 | 26.6228 | 5.88446759 | 14.04 | 27.8906 | 6.05159722 | 13.79 | 25.945 |
| 5.71733796 | 14.38 | 25.6669 | 5.88458333 | 14.02 | 27.8627 | 6.05171296 | 13.73 | 25.4187 |
| 5.7174537 | 14.38 | 25.9631 | 5.88469907 | 14.04 | 27.8483 | 6.0518287 | 13.73 | 25.5716 |
| 5.71756944 | 14.43 | 23.5939 | 5.88481482 | 14.02 | 27.8434 | 6.05194444 | 13.76 | 25.5645 |
| 5.71768519 | 14.44 | 22.9156 | 5.88493056 | 14.04 | 27.783 | 6.05206019 | 13.73 | 25.3273 |
| 5.71780093 | 14.4 | 25.7859 | 5.8850463 | 14.02 | 27.5883 | 6.05217593 | 13.73 | 25.4251 |
| 5.71791667 | 14.37 | 26.6193 | 5.88516204 | 14.04 | 27.7983 | 6.05229167 | 13.73 | 25.4092 |
| 5.71803241 | 14.41 | 24.2236 | 5.88527778 | 14.02 | 27.7859 | 6.05240741 | 13.76 | 25.5966 |
| 5.71814815 | 14.43 | 23.8164 | 5.88539352 | 14.02 | 27.7744 | 6.05252315 | 13.75 | 25.4594 |
| 5.71826389 | 14.4 | 24.4504 | 5.88550926 | 14.02 | 27.7324 | 6.05263889 | 13.77 | 25.7061 |
| 5.71837963 | 14.44 | 22.8692 | 5.885625 | 14.02 | 27.7401 | 6.05275463 | 13.8 | 25.9217 |
| 5.71849537 | 14.43 | 23.7855 | 5.88574074 | 14.02 | 27.6905 | 6.05287037 | 13.83 | 26.0811 |
| 5.71861111 | 14.43 | 24.0809 | 5.88585648 | 14.02 | 27.6715 | 6.05298611 | 13.8 | 25.8394 |
| 5.71872685 | 14.43 | 23.7743 | 5.88597222 | 14.02 | 27.6336 | 6.05310185 | 13.83 | 26.051 |
| 5.71884259 | 14.43 | 23.1199 | 5.88608796 | 14.02 | 27.5845 | 6.05321759 | 13.85 | 25.9808 |
| 5.71895833 | 14.44 | 22.3523 | 5.8862037 | 14.01 | 27.5276 | 6.05333333 | 13.85 | 26.0041 |
| 5.71907407 | 14.44 | 22.3475 | 5.88631944 | 13.99 | 27.4334 | 6.05344907 | 13.83 | 25.9843 |
| 5.71918982 | 14.45 | 22.3222 | 5.88643519 | 13.99 | 27.411 | 6.05356482 | 13.83 | 25.839 |
| 5.71930556 | 14.44 | 22.895 | 5.88655093 | 13.98 | 27.4517 | 6.05368056 | 13.86 | 26.034 |
| 5.7194213 | 14.44 | 23.3509 | 5.88666667 | 13.98 | 27.4144 | 6.0537963 | 13.86 | 25.9442 |
| 5.71953704 | 14.44 | 23.451 | 5.88678241 | 13.96 | 27.41 | 6.05391204 | 13.85 | 25.9112 |
| 5.71965278 | 14.43 | 23.3704 | 5.88689815 | 13.98 | 27.4032 | 6.05402778 | 13.85 | 25.9609 |
| 5.71976852 | 14.44 | 23.4646 | 5.88701389 | 13.98 | 27.4367 | 6.05414352 | 13.82 | 25.7867 |
| 5.71988426 | 14.44 | 23.3294 | 5.88712963 | 13.98 | 27.3958 | 6.05425926 | 13.82 | 25.7052 |
| 5.72 | 14.44 | 23.3941 | 5.88724537 | 13.98 | 27.4144 | 6.054375 | 13.82 | 25.7182 |
| 5.72011574 | 14.43 | 23.6657 | 5.88736111 | 13.98 | 27.3846 | 6.05449074 | 13.77 | 25.4271 |
| 5.72023148 | 14.43 | 24.4168 | 5.88747685 | 13.98 | 27.3327 | 6.05460648 | 13.76 | 25.2325 |
| 5.72034722 | 14.41 | 24.2908 | 5.88759259 | 13.99 | 27.2813 | 6.05472222 | 13.77 | 25.0159 |
| 5.72046296 | 14.43 | 23.9892 | 5.88770833 | 13.99 | 27.3368 | 6.05483796 | 13.77 | 25.0557 |
| 5.7205787 | 14.43 | 23.6214 | 5.88782407 | 13.99 | 27.3146 | 6.0549537 | 13.75 | 24.9525 |
| 5.72069444 | 14.43 | 23.8586 | 5.88793982 | 13.99 | 27.3331 | 6.05506944 | 13.76 | 25.0869 |
| 5.72081019 | 14.43 | 23.9977 | 5.88805556 | 14.01 | 27.3374 | 6.05518519 | 13.76 | 25.0316 |
| 5.72092593 | 14.43 | 24.2461 | 5.8881713 | 14.01 | 27.3004 | 6.05530093 | 13.76 | 25.0224 |
| 5.72104167 | 14.41 | 24.2265 | 5.88828704 | 13.99 | 27.2556 | 6.05541667 | 13.76 | 25.053 |
| 5.72115741 | 14.41 | 24.465 | 5.88840278 | 13.99 | 27.2445 | 6.05553241 | 13.76 | 25.1424 |
| 5.72127315 | 14.41 | 24.456 | 5.88851852 | 13.99 | 27.2335 | 6.05564815 | 13.77 | 25.2073 |
| 5.72138889 | 14.41 | 25.1386 | 5.88863426 | 13.99 | 27.2482 | 6.05576389 | 13.8 | 25.5572 |
| 5.72150463 | 14.41 | 25.4386 | 5.88875 | 14.01 | 27.2488 | 6.05587963 | 13.83 | 25.9313 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72162037 | 14.4 | 25.1893 | 5.88886574 | 13.99 | 27.2261 | 6.05599537 | 13.83 | 25.8653 |
| 5.72173611 | 14.4 | 25.1451 | 5.88898148 | 13.99 | 27.2519 | 6.05611111 | 13.83 | 25.8521 |
| 5.72185185 | 14.4 | 27.6479 | 5.88909722 | 13.98 | 27.2038 | 6.05622685 | 13.85 | 25.8584 |
| 5.72196759 | 14.37 | 27.2729 | 5.88921296 | 13.96 | 27.1558 | 6.05634259 | 13.85 | 25.7372 |
| 5.72208333 | 14.41 | 25.224 | 5.8893287 | 13.96 | 27.1448 | 6.05645833 | 13.85 | 25.9344 |
| 5.72219907 | 14.4 | 25.429 | 5.88944444 | 13.96 | 27.1193 | 6.05657407 | 13.85 | 26.0041 |
| 5.72231482 | 14.41 | 25.3902 | 5.88956019 | 13.96 | 27.1412 | 6.05668982 | 13.86 | 26.2665 |
| 5.72243056 | 14.38 | 25.6965 | 5.88967593 | 13.95 | 26.9671 | 6.05680556 | 13.86 | 26.1312 |
| 5.7225463 | 14.38 | 26.0103 | 5.88979167 | 13.95 | 26.9599 | 6.0569213 | 13.88 | 26.2224 |
| 5.72266204 | 14.38 | 27.0482 | 5.88990741 | 13.96 | 27.0214 | 6.05703704 | 13.85 | 25.8848 |
| 5.72277778 | 14.35 | 28.1351 | 5.89002315 | 13.95 | 26.9276 | 6.05715278 | 13.85 | 26.0141 |
| 5.72289352 | 14.38 | 26.3356 | 5.89013889 | 13.93 | 26.6926 | 6.05726852 | 13.86 | 25.9243 |
| 5.72300926 | 14.37 | 26.2318 | 5.89025463 | 13.93 | 26.6014 | 6.05738426 | 13.88 | 26.2427 |
| 5.723125 | 14.37 | 26.7296 | 5.89037037 | 13.92 | 26.0906 | 6.0575 | 13.86 | 26.2089 |
| 5.72324074 | 14.34 | 28.9727 | 5.89048611 | 13.92 | 25.947 | 6.05761574 | 13.85 | 25.9509 |
| 5.72335648 | 14.37 | 26.1393 | 5.89060185 | 13.93 | 26.1107 | 6.05773148 | 13.83 | 25.705 |
| 5.72347222 | 14.35 | 28.5566 | 5.89071759 | 13.93 | 25.8443 | 6.05784722 | 13.83 | 25.7669 |
| 5.72358796 | 14.32 | 29.6774 | 5.89083333 | 13.89 | 25.4528 | 6.05796296 | 13.85 | 25.8749 |
| 5.7237037 | 14.32 | 29.9692 | 5.89094907 | 13.89 | 25.6004 | 6.0580787 | 13.83 | 25.816 |
| 5.72381944 | 14.34 | 29.4404 | 5.89106482 | 13.91 | 25.707 | 6.05819444 | 13.82 | 25.6178 |
| 5.72393519 | 14.34 | 29.9984 | 5.89118056 | 13.91 | 25.6712 | 6.05831019 | 13.8 | 25.5475 |
| 5.72405093 | 14.34 | 29.9671 | 5.8912963 | 13.91 | 25.681 | 6.05842593 | 13.83 | 25.7996 |
| 5.72416667 | 14.32 | 29.8492 | 5.89141204 | 13.91 | 25.681 | 6.05854167 | 13.86 | 26.0374 |
| 5.72428241 | 14.34 | 28.6006 | 5.89152778 | 13.89 | 25.6943 | 6.05865741 | 13.83 | 25.7571 |
| 5.72439815 | 14.32 | 29.5944 | 5.89164352 | 13.89 | 25.581 | 6.05877315 | 13.82 | 25.715 |
| 5.72451389 | 14.34 | 28.8684 | 5.89175926 | 13.91 | 25.5164 | 6.05888889 | 13.82 | 25.689 |
| 5.72462963 | 14.32 | 29.7257 | 5.891875 | 13.91 | 25.5099 | 6.05900463 | 13.8 | 25.6054 |
| 5.72474537 | 14.32 | 29.5509 | 5.89199074 | 13.91 | 25.4237 | 6.05912037 | 13.82 | 25.6922 |
| 5.72486111 | 14.32 | 29.2923 | 5.89210648 | 13.91 | 25.3066 | 6.05923611 | 13.83 | 25.7213 |
| 5.72497685 | 14.34 | 28.7566 | 5.89222222 | 13.91 | 25.316 | 6.05935185 | 13.82 | 25.728 |
| 5.72509259 | 14.34 | 28.6948 | 5.89233796 | 13.92 | 25.2874 | 6.05946759 | 13.85 | 26.0274 |
| 5.72520833 | 14.34 | 28.6907 | 5.8924537 | 13.91 | 25.2469 | 6.05958333 | 13.85 | 26.0809 |
| 5.72532407 | 14.34 | 28.6497 | 5.89256944 | 13.91 | 25.2218 | 6.05969907 | 13.85 | 26.0977 |
| 5.72543982 | 14.34 | 28.2576 | 5.89268519 | 13.92 | 25.3253 | 6.05981482 | 13.85 | 26.1111 |
| 5.72555556 | 14.34 | 27.9264 | 5.89280093 | 13.92 | 25.3063 | 6.05993056 | 13.86 | 26.004 |
| 5.7256713 | 14.34 | 28.9644 | 5.89291667 | 13.91 | 25.2469 | 6.0600463 | 13.88 | 26.2461 |
| 5.72578704 | 14.35 | 28.8943 | 5.89303241 | 13.91 | 25.2312 | 6.06016204 | 13.89 | 26.514 |
| 5.72590278 | 14.34 | 28.0203 | 5.89314815 | 13.91 | 25.2375 | 6.06027778 | 13.88 | 26.3827 |
| 5.72601852 | 14.38 | 26.263 | 5.89326389 | 13.92 | 25.1684 | 6.06039352 | 13.88 | 26.3999 |
| 5.72613426 | 14.38 | 25.2562 | 5.89337963 | 13.92 | 25.1653 | 6.06050926 | 13.89 | 26.4655 |
| 5.72625 | 14.35 | 28.0996 | 5.89349537 | 13.92 | 25.1996 | 6.060625 | 13.88 | 26.4378 |
| 5.72636574 | 14.38 | 25.6669 | 5.89361111 | 13.92 | 25.209 | 6.06074074 | 13.89 | 26.3656 |
| 5.72648148 | 14.35 | 27.7565 | 5.89372685 | 13.91 | 25.2062 | 6.06085648 | 13.88 | 26.3416 |
| 5.72659722 | 14.34 | 28.2456 | 5.89384259 | 13.91 | 25.2375 | 6.06097222 | 13.91 | 26.5141 |
| 5.72671296 | 14.34 | 29.1411 | 5.89395833 | 13.91 | 25.147 | 6.06108796 | 13.89 | 26.3622 |
| 5.7268287 | 14.34 | 29.1073 | 5.89407407 | 13.89 | 25.2192 | 6.0612037 | 13.88 | 26.2801 |
| 5.72694444 | 14.35 | 28.0878 | 5.89418982 | 13.91 | 25.2124 | 6.06131944 | 13.86 | 26.2326 |
| 5.72706019 | 14.35 | 27.9153 | 5.89430556 | 13.91 | 25.2124 | 6.06143519 | 13.86 | 26.2326 |
| 5.72717593 | 14.34 | 28.2337 | 5.8944213 | 13.92 | 25.4522 | 6.06155093 | 13.88 | 26.3108 |
| 5.72729167 | 14.37 | 27.5815 | 5.89453704 | 13.92 | 25.465 | 6.06166667 | 13.89 | 26.3656 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72740741 | 14.37 | 27.3401 | 5.89465278 | 13.93 | 25.7786 | 6.06178241 | 13.88 | 26.3382 |
| 5.72752315 | 14.35 | 28.4632 | 5.89476852 | 13.92 | 25.6386 | 6.06189815 | 13.89 | 26.4551 |
| 5.72763889 | 14.35 | 27.287 | 5.89488426 | 13.92 | 25.5934 | 6.06201389 | 13.91 | 26.6572 |
| 5.72775463 | 14.35 | 27.4179 | 5.895 | 13.92 | 25.6031 | 6.06212963 | 13.91 | 26.6362 |
| 5.72787037 | 14.35 | 27.7642 | 5.89511574 | 13.92 | 25.6031 | 6.06224537 | 13.88 | 26.287 |
| 5.72798611 | 14.4 | 26.0477 | 5.89523148 | 13.92 | 25.6225 | 6.06236111 | 13.88 | 26.2835 |
| 5.72810185 | 14.4 | 24.9358 | 5.89534722 | 13.92 | 25.6549 | 6.06247685 | 13.88 | 26.2801 |
| 5.72821759 | 14.38 | 26.0171 | 5.89546296 | 13.92 | 25.5901 | 6.06259259 | 13.89 | 26.3553 |
| 5.72833333 | 14.38 | 26.7227 | 5.8955787 | 13.91 | 25.6291 | 6.06270833 | 13.88 | 26.3793 |
| 5.72844907 | 14.37 | 26.9421 | 5.89569444 | 13.91 | 25.5485 | 6.06282407 | 13.88 | 26.4551 |
| 5.72856482 | 14.38 | 25.1454 | 5.89581019 | 13.91 | 25.4652 | 6.06293982 | 13.91 | 26.6012 |
| 5.72868056 | 14.41 | 24.2294 | 5.89592593 | 13.92 | 25.4267 | 6.06305556 | 13.91 | 26.6327 |
| 5.7287963 | 14.38 | 26.3912 | 5.89604167 | 13.91 | 25.3634 | 6.0631713 | 13.92 | 26.7773 |
| 5.72891204 | 14.35 | 29.1125 | 5.89615741 | 13.92 | 25.2969 | 6.06328704 | 13.93 | 26.8949 |
| 5.72902778 | 14.37 | 26.9821 | 5.89627315 | 13.92 | 25.36 | 6.06340278 | 13.95 | 27.0212 |
| 5.72914352 | 14.4 | 24.7057 | 5.89638889 | 13.92 | 25.2717 | 6.06351852 | 13.95 | 26.9563 |
| 5.72925926 | 14.4 | 24.0822 | 5.89650463 | 13.91 | 25.2281 | 6.06363426 | 13.92 | 26.6083 |
| 5.729375 | 14.4 | 23.5133 | 5.89662037 | 13.91 | 25.1719 | 6.06375 | 13.91 | 26.5141 |
| 5.72949074 | 14.38 | 25.6439 | 5.89673611 | 13.91 | 25.2281 | 6.06386574 | 13.91 | 26.5037 |
| 5.72960648 | 14.38 | 26.0306 | 5.89685185 | 13.92 | 25.3759 | 6.06398148 | 13.91 | 26.4587 |
| 5.72972222 | 14.35 | 28.6259 | 5.89696759 | 13.91 | 25.2375 | 6.06409722 | 13.89 | 26.4241 |
| 5.72983796 | 14.37 | 27.4905 | 5.89708333 | 13.89 | 25.1818 | 6.06421296 | 13.89 | 26.4932 |
| 5.7299537 | 14.38 | 26.7406 | 5.89719907 | 13.91 | 25.1625 | 6.0643287 | 13.91 | 26.5349 |
| 5.73006944 | 14.35 | 28.5281 | 5.89731482 | 13.91 | 25.1625 | 6.06444444 | 13.91 | 26.5419 |
| 5.73018519 | 14.35 | 28.2463 | 5.89743056 | 13.89 | 25.1382 | 6.06456019 | 13.91 | 26.5037 |
| 5.73030093 | 14.37 | 26.0712 | 5.8975463 | 13.89 | 25.0794 | 6.06467593 | 13.88 | 26.4171 |
| 5.73041667 | 14.37 | 26.7654 | 5.89766204 | 13.89 | 25.0024 | 6.06479167 | 13.88 | 26.369 |
| 5.73053241 | 14.37 | 26.398 | 5.89777778 | 13.89 | 25.0301 | 6.06490741 | 13.86 | 26.304 |
| 5.73064815 | 14.37 | 26.9858 | 5.89789352 | 13.89 | 25.0024 | 6.06502315 | 13.85 | 26.2021 |
| 5.73076389 | 14.37 | 26.1461 | 5.89800926 | 13.89 | 24.9871 | 6.06513889 | 13.83 | 26.1887 |
| 5.73087963 | 14.37 | 26.6548 | 5.898125 | 13.89 | 24.9473 | 6.06525463 | 13.85 | 26.2564 |
| 5.73099537 | 14.38 | 25.4711 | 5.89824074 | 13.89 | 24.9137 | 6.06537037 | 13.86 | 26.3484 |
| 5.73111111 | 14.38 | 24.0314 | 5.89835648 | 13.91 | 24.8613 | 6.06548611 | 13.86 | 26.345 |
| 5.73122685 | 14.37 | 27.8427 | 5.89847222 | 13.89 | 24.8439 | 6.06560185 | 13.86 | 26.2938 |
| 5.73134259 | 14.34 | 29.3929 | 5.89858796 | 13.91 | 24.8159 | 6.06571759 | 13.89 | 26.5105 |
| 5.73145833 | 14.34 | 28.3055 | 5.8987037 | 13.89 | 24.8015 | 6.06583333 | 13.89 | 26.6115 |
| 5.73157407 | 14.35 | 27.0033 | 5.89881944 | 13.89 | 24.8046 | 6.06594907 | 13.83 | 26.287 |
| 5.73168982 | 14.34 | 29.0483 | 5.89893519 | 13.89 | 24.7955 | 6.06606482 | 13.88 | 26.369 |
| 5.73180556 | 14.34 | 29.7719 | 5.89905093 | 13.89 | 24.7865 | 6.06618056 | 13.88 | 26.573 |
| 5.7319213 | 14.37 | 26.095 | 5.89916667 | 13.89 | 24.7804 | 6.0662963 | 13.91 | 26.5037 |
| 5.73203704 | 14.4 | 24.4742 | 5.89928241 | 13.88 | 24.7989 | 6.06641204 | 13.89 | 26.4689 |
| 5.73215278 | 14.37 | 26.4294 | 5.89939815 | 13.89 | 24.8106 | 6.06652778 | 13.89 | 26.4378 |
| 5.73226852 | 14.38 | 25.8725 | 5.89951389 | 13.86 | 24.8208 | 6.06664352 | 13.88 | 26.2054 |
| 5.73238426 | 14.38 | 25.2817 | 5.89962963 | 13.88 | 24.811 | 6.06675926 | 13.88 | 26.3485 |
| 5.7325 | 14.4 | 21.8784 | 5.89974537 | 13.89 | 24.8106 | 6.066875 | 13.89 | 26.345 |
| 5.73261574 | 14.44 | 19.4064 | | | | | | |

DrEx 108

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.58111111 | 15.17 | 4.4858 | 5.76247685 | 14.55 | 26.1032 | 5.94384259 | 13.61 | 5.4034 |
| 5.58122685 | 15.19 | 3.9278 | 5.76259259 | 14.55 | 26.1194 | 5.94395833 | 13.59 | 5.2189 |
| 5.58134259 | 15.11 | 8.1051 | 5.76270833 | 14.55 | 25.5287 | 5.94407407 | 13.6 | 6.0715 |
| 5.58145833 | 15.03 | 11.4891 | 5.76282407 | 14.55 | 26.0112 | 5.94418982 | 13.83 | 13.4793 |
| 5.58157407 | 15.06 | 9.3965 | 5.76293982 | 14.55 | 25.7998 | 5.94430556 | 13.82 | 12.2285 |
| 5.58168982 | 15.06 | 10.8259 | 5.76305556 | 14.55 | 25.9493 | 5.9444213 | 13.71 | 7.7437 |
| 5.58180556 | 15.11 | 6.3133 | 5.7631713 | 14.55 | 26.1385 | 5.94453704 | 13.7 | 7.8444 |
| 5.5819213 | 15.15 | 4.449 | 5.76328704 | 14.55 | 25.5888 | 5.94465278 | 13.71 | 8.1998 |
| 5.58203704 | 15.11 | 7.399 | 5.76340278 | 14.55 | 25.4016 | 5.94476852 | 13.75 | 9.648 |
| 5.58215278 | 15.06 | 8.5541 | 5.76351852 | 14.55 | 26.1276 | 5.94488426 | 13.67 | 0.2784 |
| 5.58226852 | 14.93 | 15.8604 | 5.76363426 | 14.55 | 25.9413 | 5.945 | 13.72 | 9.2213 |
| 5.58238426 | 15.04 | 9.4814 | 5.76375 | 14.55 | 24.9018 | 5.94511574 | 13.76 | 11.5437 |
| 5.5825 | 15.02 | 11.2264 | 5.76386574 | 14.55 | 25.5079 | 5.94523148 | 13.79 | 10.9813 |
| 5.58261574 | 15.08 | 6.753 | 5.76398148 | 14.53 | 20.5994 | 5.94534722 | 13.78 | 9.9241 |
| 5.58273148 | 14.96 | 14.2021 | 5.76409722 | 14.55 | 24.3906 | 5.94546296 | 13.74 | 8.8634 |
| 5.58284722 | 14.99 | 12.0362 | 5.76421296 | 14.55 | 25.7626 | 5.9455787 | 13.78 | 10.867 |
| 5.58296296 | 15.08 | 8.2241 | 5.7643287 | 14.55 | 25.314 | 5.94569444 | 13.76 | 9.6066 |
| 5.5830787 | 15.17 | 5.2083 | 5.76444444 | 14.55 | 25.885 | 5.94581019 | 13.72 | 8.3541 |
| 5.58319444 | 14.93 | 14.2468 | 5.76456019 | 14.55 | 25.7282 | 5.94592593 | 13.7 | 7.595 |
| 5.58331019 | 15 | 10.7947 | 5.76467593 | 14.55 | 25.877 | 5.94604167 | 13.68 | 7.6089 |
| 5.58342593 | 15.02 | 8.6059 | 5.76479167 | 14.55 | 24.9342 | 5.94615741 | 13.97 | 17.9161 |
| 5.58354167 | 14.95 | 13.1093 | 5.76490741 | 14.55 | 24.3978 | 5.94627315 | 13.71 | 7.5892 |
| 5.58365741 | 15.03 | 9.9245 | 5.76502315 | 14.55 | 24.4604 | 5.94638889 | 13.64 | 6.5601 |
| 5.58377315 | 14.96 | 11.816 | 5.76513889 | 14.55 | 24.2307 | 5.94650463 | 13.67 | 6.9289 |
| 5.58388889 | 15.03 | 12.14 | 5.76525463 | 14.56 | 24.3988 | 5.94662037 | 13.68 | 7.8539 |
| 5.58400463 | 14.84 | 20.8404 | 5.76537037 | 14.56 | 21.6705 | 5.94673611 | 13.67 | 7.2158 |
| 5.58412037 | 15.07 | 8.7136 | 5.76548611 | 14.56 | 22.2953 | 5.94685185 | 13.7 | 8.2051 |
| 5.58423611 | 15.03 | 12.4007 | 5.76560185 | 14.56 | 23.9545 | 5.94696759 | 13.68 | 8.0903 |
| 5.58435185 | 14.96 | 15.533 | 5.76571759 | 14.56 | 24.3916 | 5.94708333 | 13.64 | 6.4294 |
| 5.58446759 | 14.86 | 17.7919 | 5.76583333 | 14.55 | 25.0647 | 5.94719907 | 13.63 | 6.1279 |
| 5.58458333 | 14.89 | 16.6467 | 5.76594907 | 14.56 | 23.6195 | 5.94731482 | 13.65 | 7.3005 |
| 5.58469907 | 14.86 | 18.0357 | 5.76606482 | 14.56 | 23.8619 | 5.94743056 | 13.67 | 7.4158 |
| 5.58481482 | 15.04 | 8.5853 | 5.76618056 | 14.55 | 24.9142 | 5.9475463 | 13.67 | 6.999 |
| 5.58493056 | 15.08 | 6.9152 | 5.7662963 | 14.56 | 24.0338 | 5.94766204 | 13.67 | 7.2321 |
| 5.5850463 | 14.97 | 16.2561 | 5.76641204 | 14.58 | 20.5516 | 5.94777778 | 13.65 | 7.1223 |
| 5.58516204 | 14.75 | 23.6113 | 5.76652778 | 14.56 | 21.6181 | 5.94789352 | 13.67 | 7.2254 |
| 5.58527778 | 14.89 | 16.4486 | 5.76664352 | 14.58 | 21.7317 | 5.94800926 | 13.67 | 7.2573 |
| 5.58539352 | 14.95 | 13.192 | 5.76675926 | 14.58 | 23.1642 | 5.948125 | 13.65 | 7.3941 |
| 5.58550926 | 14.99 | 12.2238 | 5.766875 | 14.56 | 25.2129 | 5.94824074 | 13.65 | 6.532 |
| 5.585625 | 14.91 | 16.9885 | 5.76699074 | 14.58 | 23.4095 | 5.94835648 | 13.65 | 7.1451 |
| 5.58574074 | 15.07 | 6.9048 | 5.76710648 | 14.58 | 22.8911 | 5.94847222 | 13.64 | 6.1751 |
| 5.58585648 | 14.74 | 24.1155 | 5.76722222 | 14.58 | 23.2653 | 5.94858796 | 13.64 | 6.2821 |
| 5.58597222 | 14.63 | 26.4588 | 5.76733796 | 14.56 | 20.9202 | 5.9487037 | 13.65 | 7.2018 |
| 5.58608796 | 14.77 | 19.2657 | 5.7674537 | 14.58 | 21.197 | 5.94881944 | 13.64 | 6.2382 |
| 5.5862037 | 14.95 | 13.0871 | 5.76756944 | 14.58 | 16.7935 | 5.94893519 | 13.63 | 5.7414 |
| 5.58631944 | 14.64 | 24.8942 | 5.76768519 | 14.58 | 20.8163 | 5.94905093 | 13.64 | 6.6707 |
| 5.58643519 | 14.95 | 12.9355 | 5.76780093 | 14.58 | 19.1474 | 5.94916667 | 13.64 | 6.0844 |
| 5.58655093 | 14.99 | 11.1443 | 5.76791667 | 14.58 | 21.2722 | 5.94928241 | 13.64 | 6.1557 |
| 5.58666667 | 14.86 | 16.3146 | 5.76803241 | 14.58 | 17.3026 | 5.94939815 | 13.64 | 6.4315 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58678241 | 14.85 | 19.3721 | 5.76814815 | 14.6 | 20.8805 | 5.94951389 | 13.63 | 6.1172 |
| 5.58689815 | 14.82 | 19.5806 | 5.76826389 | 14.59 | 18.9372 | 5.94962963 | 13.61 | 5.7278 |
| 5.58701389 | 14.82 | 19.1289 | 5.76837963 | 14.58 | 21.1838 | 5.94974537 | 13.63 | 6.3176 |
| 5.58712963 | 14.85 | 18.2322 | 5.76849537 | 14.59 | 19.8686 | 5.94986111 | 13.64 | 6.7717 |
| 5.58724537 | 14.93 | 14.4193 | 5.76861111 | 14.58 | 21.675 | 5.94997685 | 13.64 | 6.6173 |
| 5.58736111 | 14.91 | 15.4052 | 5.76872685 | 14.59 | 22.6285 | 5.95009259 | 13.64 | 6.7299 |
| 5.58747685 | 14.97 | 11.9357 | 5.76884259 | 14.58 | 21.5606 | 5.95020833 | 13.64 | 6.8187 |
| 5.58759259 | 14.95 | 14.6416 | 5.76895833 | 14.56 | 22.3754 | 5.95032407 | 13.63 | 6.2776 |
| 5.58770833 | 14.92 | 14.3785 | 5.76907407 | 14.56 | 22.6018 | 5.95043982 | 13.61 | 5.5163 |
| 5.58782407 | 14.82 | 20.2763 | 5.76918982 | 14.56 | 24.3916 | 5.95055556 | 13.61 | 5.9383 |
| 5.58793982 | 14.82 | 19.426 | 5.76930556 | 14.56 | 22.1468 | 5.9506713 | 13.63 | 5.9595 |
| 5.58805556 | 14.89 | 16.0516 | 5.7694213 | 14.56 | 24.0549 | 5.95078704 | 13.61 | 6.023 |
| 5.5881713 | 14.97 | 11.4766 | 5.76953704 | 14.56 | 21.1125 | 5.95090278 | 13.61 | 5.7444 |
| 5.58828704 | 14.89 | 16.8973 | 5.76965278 | 14.56 | 23.4707 | 5.95101852 | 13.61 | 5.5845 |
| 5.58840278 | 14.85 | 17.5401 | 5.76976852 | 14.56 | 22.3507 | 5.95113426 | 13.61 | 5.6578 |
| 5.58851852 | 14.91 | 15.4246 | 5.76988426 | 14.56 | 23.2971 | 5.95125 | 13.61 | 5.7655 |
| 5.58863426 | 14.73 | 20.4127 | 5.77 | 14.56 | 23.3614 | 5.95136574 | 13.61 | 5.5726 |
| 5.58875 | 14.85 | 16.0705 | 5.77011574 | 14.56 | 24.5025 | 5.95148148 | 13.61 | 5.7642 |
| 5.58886574 | 14.93 | 15.6025 | 5.77023148 | 14.56 | 24.3772 | 5.95159722 | 13.61 | 5.6211 |
| 5.58898148 | 14.77 | 19.551 | 5.77034722 | 14.56 | 22.6796 | 5.95171296 | 13.61 | 6.3693 |
| 5.58909722 | 14.69 | 24.689 | 5.77046296 | 14.58 | 23.0812 | 5.9518287 | 13.63 | 6.4579 |
| 5.58921296 | 14.84 | 18.3549 | 5.7705787 | 14.58 | 23.5171 | 5.95194444 | 13.61 | 5.6685 |
| 5.5893287 | 14.91 | 13.6285 | 5.77069444 | 14.56 | 23.581 | 5.95206019 | 13.61 | 5.68 |
| 5.58944444 | 14.91 | 15.7948 | 5.77081019 | 14.58 | 20.5142 | 5.95217593 | 13.61 | 5.6546 |
| 5.58956019 | 14.7 | 23.3778 | 5.77092593 | 14.58 | 19.2868 | 5.95229167 | 13.61 | 6.0812 |
| 5.58967593 | 14.73 | 22.4267 | 5.77104167 | 14.58 | 17.8027 | 5.95240741 | 13.63 | 6.1312 |
| 5.58979167 | 14.64 | 24.9919 | 5.77115741 | 14.58 | 19.3142 | 5.95252315 | 13.63 | 5.9804 |
| 5.58990741 | 14.64 | 22.7218 | 5.77127315 | 14.59 | 19.6362 | 5.95263889 | 13.63 | 6.1559 |
| 5.59002315 | 14.7 | 24.6091 | 5.77138889 | 14.62 | 20.3819 | 5.95275463 | 13.61 | 6.1718 |
| 5.59013889 | 14.69 | 23.5794 | 5.77150463 | 14.6 | 19.7761 | 5.95287037 | 13.63 | 6.3401 |
| 5.59025463 | 14.81 | 16.9183 | 5.77162037 | 14.62 | 20.1381 | 5.95298611 | 13.63 | 6.0615 |
| 5.59037037 | 14.67 | 24.8502 | 5.77173611 | 14.62 | 20.6918 | 5.95310185 | 13.61 | 6.1197 |
| 5.59048611 | 14.73 | 21.3535 | 5.77185185 | 14.62 | 20.8789 | 5.95321759 | 13.61 | 5.9737 |
| 5.59060185 | 14.78 | 19.5824 | 5.77196759 | 14.62 | 21.647 | 5.95333333 | 13.61 | 5.9064 |
| 5.59071759 | 14.62 | 26.3353 | 5.77208333 | 14.6 | 21.5013 | 5.95344907 | 13.61 | 5.8447 |
| 5.59083333 | 14.69 | 24.0921 | 5.77219907 | 14.6 | 21.7225 | 5.95356482 | 13.61 | 5.7418 |
| 5.59094907 | 14.73 | 21.6231 | 5.77231482 | 14.6 | 21.3541 | 5.95368056 | 13.61 | 5.815 |
| 5.59106482 | 14.73 | 21.8549 | 5.77243056 | 14.6 | 21.7794 | 5.9537963 | 13.61 | 5.8331 |
| 5.59118056 | 14.63 | 25.5677 | 5.7725463 | 14.6 | 22.336 | 5.95391204 | 13.61 | 5.7597 |
| 5.5912963 | 14.82 | 14.7482 | 5.77266204 | 14.6 | 21.7245 | 5.95402778 | 13.61 | 5.6838 |
| 5.59141204 | 14.62 | 26.727 | 5.77277778 | 14.6 | 21.6406 | 5.95414352 | 13.61 | 5.846 |
| 5.59152778 | 14.7 | 21.7965 | 5.77289352 | 14.6 | 21.3789 | 5.95425926 | 13.61 | 5.77 |
| 5.59164352 | 14.74 | 21.0824 | 5.77300926 | 14.6 | 21.5187 | 5.954375 | 13.6 | 5.6478 |
| 5.59175926 | 14.6 | 26.4097 | 5.773125 | 14.59 | 22.6938 | 5.95449074 | 13.6 | 5.6345 |
| 5.591875 | 14.7 | 21.9513 | 5.77324074 | 14.59 | 23.0492 | 5.95460648 | 13.6 | 5.6307 |
| 5.59199074 | 14.6 | 26.0968 | 5.77335648 | 14.6 | 22.5348 | 5.95472222 | 13.6 | 5.6301 |
| 5.59210648 | 14.66 | 23.4892 | 5.77347222 | 14.6 | 22.491 | 5.95483796 | 13.6 | 5.581 |
| 5.59222222 | 14.84 | 14.2297 | 5.77358796 | 14.59 | 23.0557 | 5.9549537 | 13.6 | 5.6244 |
| 5.59233796 | 14.8 | 16.2007 | 5.7737037 | 14.59 | 22.7998 | 5.95506944 | 13.6 | 5.6497 |
| 5.5924537 | 14.82 | 14.4038 | 5.77381944 | 14.58 | 23.3694 | 5.95518519 | 13.59 | 5.6404 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59256944 | 14.73 | 22.4039 | 5.77393519 | 14.59 | 23.2903 | 5.95530093 | 13.6 | 5.6093 |
| 5.59268519 | 14.59 | 26.4748 | 5.77405093 | 14.58 | 23.3051 | 5.95541667 | 13.6 | 5.5891 |
| 5.59280093 | 14.58 | 26.3955 | 5.77416667 | 14.58 | 23.1927 | 5.95553241 | 13.59 | 5.5429 |
| 5.59291667 | 14.84 | 13.4391 | 5.77428241 | 14.58 | 22.9923 | 5.95564815 | 13.59 | 5.5862 |
| 5.59303241 | 14.74 | 20.0421 | 5.77439815 | 14.58 | 22.874 | 5.95576389 | 13.6 | 5.644 |
| 5.59314815 | 14.69 | 21.8673 | 5.77451389 | 14.58 | 23.9818 | 5.95587963 | 13.59 | 5.6683 |
| 5.59326389 | 14.7 | 22.3653 | 5.77462963 | 14.58 | 23.9655 | 5.95599537 | 13.6 | 5.7082 |
| 5.59337963 | 14.69 | 23.5116 | 5.77474537 | 14.58 | 22.7271 | 5.95611111 | 13.59 | 5.7743 |
| 5.59349537 | 14.69 | 22.5079 | 5.77486111 | 14.58 | 22.9729 | 5.95622685 | 13.59 | 5.6995 |
| 5.59361111 | 14.66 | 23.7503 | 5.77497685 | 14.58 | 22.077 | 5.95634259 | 13.59 | 5.6708 |
| 5.59372685 | 14.69 | 22.3855 | 5.77509259 | 14.56 | 21.4504 | 5.95645833 | 13.59 | 5.709 |
| 5.59384259 | 14.67 | 23.7626 | 5.77520833 | 14.58 | 21.5857 | 5.95657407 | 13.59 | 5.6721 |
| 5.59395833 | 14.6 | 26.8833 | 5.77532407 | 14.59 | 22.4615 | 5.95668982 | 13.57 | 5.6414 |
| 5.59407407 | 14.74 | 21.6781 | 5.77543982 | 14.59 | 22.1238 | 5.95680556 | 13.59 | 5.6164 |
| 5.59418982 | 14.67 | 22.8449 | 5.77555556 | 14.59 | 21.8896 | 5.9569213 | 13.57 | 5.5639 |
| 5.59430556 | 14.58 | 25.0052 | 5.7756713 | 14.59 | 21.6131 | 5.95703704 | 13.57 | 5.5508 |
| 5.5944213 | 14.55 | 27.0069 | 5.77578704 | 14.59 | 22.0895 | 5.95715278 | 13.57 | 5.5979 |
| 5.59453704 | 14.56 | 27.2238 | 5.77590278 | 14.59 | 21.9972 | 5.95726852 | 13.56 | 5.5472 |
| 5.59465278 | 14.55 | 27.3809 | 5.77601852 | 14.59 | 21.9055 | 5.95738426 | 13.56 | 5.4885 |
| 5.59476852 | 14.55 | 27.31 | 5.77613426 | 14.6 | 21.7991 | 5.9575 | 13.56 | 5.468 |
| 5.59488426 | 14.56 | 26.9741 | 5.77625 | 14.59 | 22.5364 | 5.95761574 | 13.54 | 5.4256 |
| 5.595 | 14.55 | 27.059 | 5.77636574 | 14.59 | 22.2455 | 5.95773148 | 13.53 | 5.4264 |
| 5.59511574 | 14.55 | 27.1315 | 5.77648148 | 14.59 | 22.698 | 5.95784722 | 13.53 | 5.4066 |
| 5.59523148 | 14.67 | 23.5237 | 5.77659722 | 14.58 | 23.0248 | 5.95796296 | 13.53 | 5.4134 |
| 5.59534722 | 14.63 | 24.3383 | 5.77671296 | 14.59 | 23.2792 | 5.9580787 | 13.53 | 5.4146 |
| 5.59546296 | 14.59 | 26.2674 | 5.7768287 | 14.58 | 23.2984 | 5.95819444 | 13.53 | 5.4066 |
| 5.5955787 | 14.63 | 24.1409 | 5.77694444 | 14.58 | 23.4722 | 5.95831019 | 13.54 | 5.5796 |
| 5.59569444 | 14.6 | 24.4508 | 5.77706019 | 14.58 | 23.5171 | 5.95842593 | 13.56 | 5.7096 |
| 5.59581019 | 14.56 | 26.9597 | 5.77717593 | 14.59 | 23.1145 | 5.95854167 | 13.56 | 5.519 |
| 5.59592593 | 14.55 | 27.4847 | 5.77729167 | 14.58 | 23.0075 | 5.95865741 | 13.56 | 5.5041 |
| 5.59604167 | 14.53 | 27.5078 | 5.77740741 | 14.59 | 22.6201 | 5.95877315 | 13.56 | 5.6416 |
| 5.59615741 | 14.55 | 26.9006 | 5.77752315 | 14.58 | 23.1576 | 5.95888889 | 13.56 | 5.7077 |
| 5.59627315 | 14.53 | 27.4691 | 5.77763889 | 14.58 | 20.9794 | 5.95900463 | 13.56 | 5.7045 |
| 5.59638889 | 14.59 | 25.3704 | 5.77775463 | 14.58 | 22.7165 | 5.95912037 | 13.54 | 5.63 |
| 5.59650463 | 14.55 | 26.7779 | 5.77787037 | 14.58 | 23.3006 | 5.95923611 | 13.56 | 5.6397 |
| 5.59662037 | 14.58 | 26.3955 | 5.77798611 | 14.58 | 23.8658 | 5.95935185 | 13.56 | 5.6912 |
| 5.59673611 | 14.59 | 26.4609 | 5.77810185 | 14.58 | 23.3339 | 5.95946759 | 13.54 | 5.7228 |
| 5.59685185 | 14.56 | 26.7285 | 5.77821759 | 14.58 | 22.932 | 5.95958333 | 13.56 | 5.7377 |
| 5.59696759 | 14.62 | 24.7161 | 5.77833333 | 14.58 | 23.2984 | 5.95969907 | 13.56 | 5.702 |
| 5.59708333 | 14.62 | 25.1487 | 5.77844907 | 14.58 | 23.1993 | 5.95981482 | 13.56 | 5.667 |
| 5.59719907 | 14.66 | 23.3216 | 5.77856482 | 14.58 | 22.947 | 5.95993056 | 13.54 | 5.6484 |
| 5.59731482 | 14.59 | 26.4081 | 5.77868056 | 14.58 | 23.6641 | 5.9600463 | 13.54 | 5.5733 |
| 5.59743056 | 14.56 | 27.081 | 5.7787963 | 14.59 | 22.8896 | 5.96016204 | 13.54 | 5.6269 |
| 5.5975463 | 14.6 | 25.025 | 5.77891204 | 14.58 | 23.6983 | 5.96027778 | 13.54 | 5.6003 |
| 5.59766204 | 14.71 | 21.9158 | 5.77902778 | 14.58 | 23.9748 | 5.96039352 | 13.54 | 5.5551 |
| 5.59777778 | 14.67 | 23.5824 | 5.77914352 | 14.58 | 22.9988 | 5.96050926 | 13.56 | 5.6626 |
| 5.59789352 | 14.69 | 22.9903 | 5.77925926 | 14.58 | 24.0215 | 5.960625 | 13.54 | 5.6458 |
| 5.59800926 | 14.59 | 26.2317 | 5.779375 | 14.58 | 22.9578 | 5.96074074 | 13.54 | 5.52 |
| 5.598125 | 14.56 | 27.0665 | 5.77949074 | 14.58 | 24.0005 | 5.96085648 | 13.57 | 5.9707 |
| 5.59824074 | 14.58 | 26.6357 | 5.77960648 | 14.56 | 23.3037 | 5.96097222 | 13.57 | 5.8845 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59835648 | 14.58 | 26.426 | 5.77972222 | 14.58 | 23.3694 | 5.96108796 | 13.54 | 5.6218 |
| 5.59847222 | 14.69 | 21.9629 | 5.77983796 | 14.56 | 23.4887 | 5.9612037 | 13.54 | 5.613 |
| 5.59858796 | 14.63 | 25.4478 | 5.7799537 | 14.58 | 23.4879 | 5.96131944 | 13.56 | 5.7345 |
| 5.5987037 | 14.58 | 26.7034 | 5.78006944 | 14.56 | 23.4327 | 5.96143519 | 13.57 | 5.953 |
| 5.59881944 | 14.59 | 26.0169 | 5.78018519 | 14.56 | 23.2971 | 5.96155093 | 13.56 | 5.7557 |
| 5.59893519 | 14.56 | 26.9482 | 5.78030093 | 14.58 | 23.0508 | 5.96166667 | 13.57 | 6.1394 |
| 5.59905093 | 14.56 | 27.3236 | 5.78041667 | 14.58 | 22.8355 | 5.96178241 | 13.59 | 6.222 |
| 5.59916667 | 14.55 | 27.222 | 5.78053241 | 14.58 | 23.1598 | 5.96189815 | 13.6 | 6.5016 |
| 5.59928241 | 14.56 | 27.3325 | 5.78064815 | 14.58 | 23.5283 | 5.96201389 | 13.59 | 6.1023 |
| 5.59939815 | 14.55 | 27.3454 | 5.78076389 | 14.56 | 23.6308 | 5.96212963 | 13.57 | 6.0517 |
| 5.59951389 | 14.55 | 27.4075 | 5.78087963 | 14.58 | 23.6573 | 5.96224537 | 13.59 | 6.1276 |
| 5.59962963 | 14.55 | 27.4164 | 5.78099537 | 14.56 | 23.7859 | 5.96236111 | 13.6 | 6.166 |
| 5.59974537 | 14.55 | 27.3868 | 5.78111111 | 14.56 | 23.8204 | 5.96247685 | 13.57 | 5.67 |
| 5.59986111 | 14.55 | 27.3749 | 5.78122685 | 14.58 | 23.8589 | 5.96259259 | 13.57 | 5.6903 |
| 5.59997685 | 14.55 | 27.4105 | 5.78134259 | 14.58 | 23.8982 | 5.96270833 | 13.57 | 5.6636 |
| 5.60009259 | 14.55 | 27.3957 | 5.78145833 | 14.58 | 23.6709 | 5.96282407 | 13.59 | 5.8847 |
| 5.60020833 | 14.55 | 27.1432 | 5.78157407 | 14.58 | 23.882 | 5.96293982 | 13.57 | 5.7856 |
| 5.60032407 | 14.56 | 27.2355 | 5.78168982 | 14.58 | 24.1365 | 5.96305556 | 13.57 | 5.7638 |
| 5.60043982 | 14.56 | 27.2355 | 5.78180556 | 14.56 | 23.936 | 5.9631713 | 13.57 | 5.8696 |
| 5.60055556 | 14.56 | 26.72 | 5.7819213 | 14.58 | 24.066 | 5.96328704 | 13.56 | 5.4042 |
| 5.6006713 | 14.56 | 26.8965 | 5.78203704 | 14.56 | 24.4325 | 5.96340278 | 13.57 | 5.8282 |
| 5.60078704 | 14.56 | 26.8422 | 5.78215278 | 14.56 | 24.0971 | 5.96351852 | 13.56 | 5.5804 |
| 5.60090278 | 14.58 | 26.7971 | 5.78226852 | 14.58 | 24.2026 | 5.96363426 | 13.57 | 5.9419 |
| 5.60101852 | 14.56 | 27.0087 | 5.78238426 | 14.56 | 24.1088 | 5.96375 | 13.56 | 5.6683 |
| 5.60113426 | 14.56 | 27.0058 | 5.7825 | 14.56 | 23.4372 | 5.96386574 | 13.56 | 5.556 |
| 5.60125 | 14.56 | 27.2004 | 5.78261574 | 14.58 | 24.0542 | 5.96398148 | 13.57 | 5.9106 |
| 5.60136574 | 14.56 | 27.1858 | 5.78273148 | 14.58 | 23.9841 | 5.96409722 | 13.59 | 6.2638 |
| 5.60148148 | 14.56 | 27.2326 | 5.78284722 | 14.58 | 23.9935 | 5.96421296 | 13.65 | 7.5066 |
| 5.60159722 | 14.56 | 27.2121 | 5.78296296 | 14.58 | 24.179 | 5.9643287 | 13.59 | 5.9565 |
| 5.60171296 | 14.58 | 27.0352 | 5.7830787 | 14.59 | 24.1586 | 5.96444444 | 13.59 | 6.2821 |
| 5.6018287 | 14.58 | 26.8313 | 5.78319444 | 14.59 | 24.4812 | 5.96456019 | 13.63 | 6.8813 |
| 5.60194444 | 14.58 | 26.7488 | 5.78331019 | 14.58 | 24.4199 | 5.96467593 | 13.61 | 7.2108 |
| 5.60206019 | 14.59 | 26.6486 | 5.78342593 | 14.58 | 24.4802 | 5.96479167 | 13.63 | 7.0164 |
| 5.60217593 | 14.6 | 26.3654 | 5.78354167 | 14.58 | 24.6261 | 5.96490741 | 13.6 | 6.4333 |
| 5.60229167 | 14.59 | 26.7589 | 5.78365741 | 14.58 | 24.8951 | 5.96502315 | 13.56 | 5.7768 |
| 5.60240741 | 14.55 | 27.3809 | 5.78377315 | 14.56 | 24.6412 | 5.96513889 | 13.57 | 6.1722 |
| 5.60252315 | 14.64 | 23.7579 | 5.78388889 | 14.56 | 24.8979 | 5.96525463 | 13.65 | 7.9785 |
| 5.60263889 | 14.66 | 23.7228 | 5.78400463 | 14.56 | 24.6216 | 5.96537037 | 13.56 | 5.9036 |
| 5.60275463 | 14.63 | 25.694 | 5.78412037 | 14.56 | 24.6828 | 5.96548611 | 13.53 | 5.4356 |
| 5.60287037 | 14.62 | 25.7853 | 5.78423611 | 14.56 | 24.727 | 5.96560185 | 13.54 | 5.8793 |
| 5.60298611 | 14.6 | 26.3184 | 5.78435185 | 14.56 | 24.7467 | 5.96571759 | 13.53 | 5.5502 |
| 5.60310185 | 14.56 | 26.9626 | 5.78446759 | 14.55 | 24.1456 | 5.96583333 | 13.54 | 5.6092 |
| 5.60321759 | 14.58 | 26.7601 | 5.78458333 | 14.55 | 23.3363 | 5.96594907 | 13.59 | 6.6561 |
| 5.60333333 | 14.6 | 26.173 | 5.78469907 | 14.56 | 24.7862 | 5.96606482 | 13.56 | 6.0117 |
| 5.60344907 | 14.6 | 26.1294 | 5.78481482 | 14.56 | 24.3365 | 5.96618056 | 13.53 | 5.4903 |
| 5.60356482 | 14.85 | 16.1915 | 5.78493056 | 14.55 | 24.2047 | 5.9662963 | 13.54 | 6.0856 |
| 5.60368056 | 14.7 | 23.2358 | 5.7850463 | 14.53 | 23.0521 | 5.96641204 | 13.56 | 5.9369 |
| 5.6037963 | 14.63 | 25.1804 | 5.78516204 | 14.56 | 24.2792 | 5.96652778 | 13.56 | 6.1644 |
| 5.60391204 | 14.62 | 25.8306 | 5.78527778 | 14.56 | 23.9662 | 5.96664352 | 13.53 | 5.5835 |
| 5.60402778 | 14.56 | 27.0984 | 5.78539352 | 14.55 | 22.9561 | 5.96675926 | 13.52 | 5.5435 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60414352 | 14.53 | 27.4097 | 5.78550926 | 14.55 | 23.6414 | 5.966875 | 13.5 | 5.2003 |
| 5.60425926 | 14.55 | 27.3484 | 5.785625 | 14.56 | 24.3221 | 5.96699074 | 13.52 | 5.5067 |
| 5.604375 | 14.53 | 27.484 | 5.78574074 | 14.55 | 24.5938 | 5.96710648 | 13.53 | 5.494 |
| 5.60449074 | 14.53 | 27.5496 | 5.78585648 | 14.56 | 24.1253 | 5.96722222 | 13.54 | 5.9236 |
| 5.60460648 | 14.52 | 27.5986 | 5.78597222 | 14.55 | 24.3236 | 5.96733796 | 13.54 | 6.0929 |
| 5.60472222 | 14.52 | 27.337 | 5.78608796 | 14.56 | 24.6877 | 5.9674537 | 13.56 | 6.0427 |
| 5.60483796 | 14.52 | 27.4643 | 5.7862037 | 14.55 | 24.0681 | 5.96756944 | 13.54 | 5.9295 |
| 5.6049537 | 14.52 | 27.2958 | 5.78631944 | 14.58 | 24.9051 | 5.96768519 | 13.53 | 5.7678 |
| 5.60506944 | 14.53 | 27.0179 | 5.78643519 | 14.56 | 24.5534 | 5.96780093 | 13.52 | 5.3913 |
| 5.60518519 | 14.63 | 23.478 | 5.78655093 | 14.58 | 24.6726 | 5.96791667 | 13.54 | 5.834 |
| 5.60530093 | 14.6 | 25.3613 | 5.78666667 | 14.56 | 24.0058 | 5.96803241 | 13.52 | 5.3391 |
| 5.60541667 | 14.64 | 24.0501 | 5.78678241 | 14.56 | 24.3173 | 5.96814815 | 13.5 | 5.1528 |
| 5.60553241 | 14.63 | 24.9631 | 5.78689815 | 14.55 | 24.0096 | 5.96826389 | 13.52 | 5.4948 |
| 5.60564815 | 14.59 | 25.9495 | 5.78701389 | 14.56 | 24.2863 | 5.96837963 | 13.53 | 5.6962 |
| 5.60576389 | 14.59 | 25.5234 | 5.78712963 | 14.55 | 23.3274 | 5.96849537 | 13.53 | 5.6031 |
| 5.60587963 | 14.58 | 25.7799 | 5.78724537 | 14.56 | 24.6951 | 5.96861111 | 13.54 | 5.9119 |
| 5.60599537 | 14.56 | 26.1318 | 5.78736111 | 14.56 | 24.7418 | 5.96872685 | 13.52 | 5.3226 |
| 5.60611111 | 14.63 | 24.7245 | 5.78747685 | 14.55 | 23.8196 | 5.96884259 | 13.5 | 5.2251 |
| 5.60622685 | 14.7 | 21.5892 | 5.78759259 | 14.56 | 24.7221 | 5.96895833 | 13.52 | 5.5129 |
| 5.60634259 | 14.7 | 22.8895 | 5.78770833 | 14.55 | 24.3762 | 5.96907407 | 13.5 | 5.2943 |
| 5.60645833 | 14.7 | 21.4714 | 5.78782407 | 14.52 | 23.0972 | 5.96918982 | 13.5 | 5.3022 |
| 5.60657407 | 14.56 | 26.8393 | 5.78793982 | 14.53 | 22.1882 | 5.96930556 | 13.5 | 5.21 |
| 5.60668982 | 14.53 | 27.2389 | 5.78805556 | 14.56 | 24.2032 | 5.9694213 | 13.5 | 5.3843 |
| 5.60680556 | 14.59 | 25.7045 | 5.7881713 | 14.55 | 22.9711 | 5.96953704 | 13.5 | 5.2979 |
| 5.6069213 | 14.7 | 21.5311 | 5.78828704 | 14.52 | 20.8538 | 5.96965278 | 13.5 | 5.3046 |
| 5.60703704 | 14.56 | 26.5735 | 5.78840278 | 14.49 | 19.4497 | 5.96976852 | 13.49 | 5.2131 |
| 5.60715278 | 14.6 | 23.7983 | 5.78851852 | 14.53 | 22.1902 | 5.96988426 | 13.49 | 5.2307 |
| 5.60726852 | 14.59 | 25.0693 | 5.78863426 | 14.47 | 17.5133 | 5.97 | 13.52 | 5.5129 |
| 5.60738426 | 14.62 | 24.7112 | 5.78875 | 14.51 | 20.1569 | 5.97011574 | 13.52 | 5.8454 |
| 5.6075 | 14.56 | 26.2821 | 5.78886574 | 14.48 | 19.9246 | 5.97023148 | 13.53 | 5.8757 |
| 5.60761574 | 14.64 | 23.6096 | 5.78898148 | 14.51 | 20.1311 | 5.97034722 | 13.53 | 5.7576 |
| 5.60773148 | 14.67 | 23.0847 | 5.78909722 | 14.47 | 18.2045 | 5.97046296 | 13.5 | 5.3419 |
| 5.60784722 | 14.55 | 27.059 | 5.78921296 | 14.47 | 15.918 | 5.9705787 | 13.5 | 5.4262 |
| 5.60796296 | 14.63 | 23.3952 | 5.7893287 | 14.52 | 20.8593 | 5.97069444 | 13.49 | 5.2579 |
| 5.6080787 | 14.56 | 26.8108 | 5.78944444 | 14.51 | 18.2332 | 5.97081019 | 13.49 | 5.132 |
| 5.60819444 | 14.62 | 23.4705 | 5.78956019 | 14.48 | 19.7366 | 5.97092593 | 13.49 | 5.3421 |
| 5.60831019 | 14.62 | 25.1132 | 5.78967593 | 14.49 | 19.3039 | 5.97104167 | 13.53 | 6.0131 |
| 5.60842593 | 14.55 | 27.0764 | 5.78979167 | 14.48 | 17.3498 | 5.97115741 | 13.49 | 5.2847 |
| 5.60854167 | 14.67 | 23.2514 | 5.78990741 | 14.52 | 20.5547 | 5.97127315 | 13.5 | 5.4108 |
| 5.60865741 | 14.59 | 26.7249 | 5.79002315 | 14.48 | 15.3257 | 5.97138889 | 13.5 | 5.5809 |
| 5.60877315 | 14.55 | 27.1141 | 5.79013889 | 14.47 | 16.6523 | 5.97150463 | 13.49 | 5.1488 |
| 5.60888889 | 14.67 | 20.9403 | 5.79025463 | 14.45 | 15.6697 | 5.97162037 | 13.49 | 5.3537 |
| 5.60900463 | 14.75 | 18.5637 | 5.79037037 | 14.49 | 21.244 | 5.97173611 | 13.48 | 5.1669 |
| 5.60912037 | 14.77 | 18.6047 | 5.79048611 | 14.45 | 15.9941 | 5.97185185 | 13.48 | 5.1094 |
| 5.60923611 | 14.56 | 26.9453 | 5.79060185 | 14.38 | 11.1661 | 5.97196759 | 13.48 | 5.1333 |
| 5.60935185 | 14.62 | 24.3613 | 5.79071759 | 14.47 | 17.1313 | 5.97208333 | 13.49 | 5.1278 |
| 5.60946759 | 14.59 | 26.1989 | 5.79083333 | 14.49 | 18.5897 | 5.97219907 | 13.48 | 5.1471 |
| 5.60958333 | 14.64 | 24.2437 | 5.79094907 | 14.51 | 20.0881 | 5.97231482 | 13.5 | 5.6695 |
| 5.60969907 | 14.71 | 22.6474 | 5.79106482 | 14.37 | 11.0533 | 5.97243056 | 13.49 | 5.3513 |
| 5.60981482 | 14.62 | 25.3509 | 5.79118056 | 14.36 | 10.1879 | 5.9725463 | 13.5 | 5.5552 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60993056 | 14.7 | 22.7697 | 5.7912963 | 14.37 | 0.5269 | 5.97266204 | 13.5 | 5.5401 |
| 5.6100463 | 14.62 | 26.0509 | 5.79141204 | 14.34 | 0.0123 | 5.97277778 | 13.5 | 5.5026 |
| 5.61016204 | 14.58 | 26.763 | 5.79152778 | 14.37 | 13.6835 | 5.97289352 | 13.49 | 5.419 |
| 5.61027778 | 14.63 | 24.115 | 5.79164352 | 14.49 | 19.453 | 5.97300926 | 13.49 | 5.5016 |
| 5.61039352 | 14.56 | 26.8479 | 5.79175926 | 14.52 | 20.716 | 5.973125 | 13.5 | 5.7147 |
| 5.61050926 | 14.66 | 22.2874 | 5.791875 | 14.48 | 17.9786 | 5.97324074 | 13.5 | 5.5866 |
| 5.610625 | 14.74 | 20.2409 | 5.79199074 | 14.47 | 17.5372 | 5.97335648 | 13.49 | 5.2301 |
| 5.61074074 | 14.73 | 20.3669 | 5.79210648 | 14.47 | 17.2203 | 5.97347222 | 13.49 | 5.2367 |
| 5.61085648 | 14.59 | 26.5895 | 5.79222222 | 14.51 | 19.249 | 5.97358796 | 13.5 | 5.4883 |
| 5.61097222 | 14.7 | 21.0593 | 5.79233796 | 14.45 | 16.2023 | 5.9737037 | 13.49 | 5.2301 |
| 5.61108796 | 14.7 | 22.9758 | 5.7924537 | 14.45 | 16.6174 | 5.97381944 | 13.49 | 5.1524 |
| 5.6112037 | 14.71 | 20.5689 | 5.79256944 | 14.52 | 19.1721 | 5.97393519 | 13.49 | 5.2865 |
| 5.61131944 | 14.62 | 25.3896 | 5.79268519 | 14.52 | 22.2916 | 5.97405093 | 13.49 | 5.2622 |
| 5.61143519 | 14.6 | 26.3764 | 5.79280093 | 14.52 | 19.7999 | 5.97416667 | 13.49 | 5.3084 |
| 5.61155093 | 14.67 | 22.9179 | 5.79291667 | 14.53 | 19.7363 | 5.97428241 | 13.49 | 5.0807 |
| 5.61166667 | 14.75 | 19.7606 | 5.79303241 | 14.53 | 19.7146 | 5.97439815 | 13.49 | 5.1968 |
| 5.61178241 | 14.73 | 20.8093 | 5.79314815 | 14.58 | 21.3101 | 5.97451389 | 13.5 | 5.276 |
| 5.61189815 | 14.69 | 21.8852 | 5.79326389 | 14.56 | 21.8214 | 5.97462963 | 13.49 | 5.1824 |
| 5.61201389 | 14.73 | 20.0575 | 5.79337963 | 14.58 | 21.1128 | 5.97474537 | 13.49 | 5.2689 |
| 5.61212963 | 14.69 | 22.0069 | 5.79349537 | 14.58 | 21.1259 | 5.97486111 | 13.49 | 5.3709 |
| 5.61224537 | 14.62 | 24.1613 | 5.79361111 | 14.55 | 20.6336 | 5.97497685 | 13.48 | 5.2048 |
| 5.61236111 | 14.74 | 19.3257 | 5.79372685 | 14.55 | 20.4062 | 5.97509259 | 13.49 | 5.6063 |
| 5.61247685 | 14.71 | 22.9073 | 5.79384259 | 14.55 | 19.8048 | 5.97520833 | 13.48 | 5.2569 |
| 5.61259259 | 14.7 | 22.8573 | 5.79395833 | 14.53 | 20.1139 | 5.97532407 | 13.48 | 5.2181 |
| 5.61270833 | 14.67 | 24.3901 | 5.79407407 | 14.53 | 19.9839 | 5.97543982 | 13.46 | 5.148 |
| 5.61282407 | 14.59 | 26.8501 | 5.79418982 | 14.53 | 20.287 | 5.97555556 | 13.46 | 5.096 |
| 5.61293982 | 14.6 | 25.78 | 5.79430556 | 14.53 | 20.5708 | 5.9756713 | 13.46 | 5.0721 |
| 5.61305556 | 14.58 | 27.0526 | 5.7944213 | 14.51 | 19.4626 | 5.97578704 | 13.48 | 5.2891 |
| 5.6131713 | 14.6 | 24.8425 | 5.79453704 | 14.49 | 18.5639 | 5.97590278 | 13.46 | 5.1516 |
| 5.61328704 | 14.67 | 22.5194 | 5.79465278 | 14.51 | 19.4235 | 5.97601852 | 13.46 | 5.1234 |
| 5.61340278 | 14.69 | 22.0511 | 5.79476852 | 14.49 | 19.222 | 5.97613426 | 13.45 | 5.0219 |
| 5.61351852 | 14.64 | 24.5128 | 5.79488426 | 14.49 | 19.2524 | 5.97625 | 13.49 | 5.5028 |
| 5.61363426 | 14.59 | 26.1798 | 5.795 | 14.49 | 19.5627 | 5.97636574 | 13.49 | 5.5893 |
| 5.61375 | 14.58 | 26.857 | 5.79511574 | 14.48 | 19.9094 | 5.97648148 | 13.46 | 5.2462 |
| 5.61386574 | 14.6 | 24.9974 | 5.79523148 | 14.48 | 19.2574 | 5.97659722 | 13.48 | 5.4037 |
| 5.61398148 | 14.58 | 26.9085 | 5.79534722 | 14.47 | 17.9512 | 5.97671296 | 13.46 | 5.1882 |
| 5.61409722 | 14.55 | 27.1054 | 5.79546296 | 14.45 | 17.7917 | 5.9768287 | 13.46 | 5.1204 |
| 5.61421296 | 14.59 | 26.4832 | 5.7955787 | 14.42 | 16.728 | 5.97694444 | 13.49 | 5.5328 |
| 5.6143287 | 14.56 | 26.5819 | 5.79569444 | 14.45 | 17.5898 | 5.97706019 | 13.46 | 5.0704 |
| 5.61444444 | 14.58 | 26.4399 | 5.79581019 | 14.42 | 16.7837 | 5.97717593 | 13.46 | 5.151 |
| 5.61456019 | 14.56 | 26.2656 | 5.79592593 | 14.45 | 18.9315 | 5.97729167 | 13.45 | 4.9753 |
| 5.61467593 | 14.6 | 23.3886 | 5.79604167 | 14.44 | 17.5155 | 5.97740741 | 13.43 | 4.8674 |
| 5.61479167 | 14.64 | 23.1856 | 5.79615741 | 14.49 | 19.8336 | 5.97752315 | 13.42 | 4.7941 |
| 5.61490741 | 14.6 | 25.611 | 5.79627315 | 14.48 | 18.9969 | 5.97763889 | 13.42 | 4.695 |
| 5.61502315 | 14.55 | 26.8377 | 5.79638889 | 14.48 | 18.8236 | 5.97775463 | 13.42 | 4.8062 |
| 5.61513889 | 14.55 | 26.9666 | 5.79650463 | 14.47 | 18.4945 | 5.97787037 | 13.42 | 4.778 |
| 5.61525463 | 14.56 | 26.5175 | 5.79662037 | 14.45 | 17.3271 | 5.97798611 | 13.42 | 4.8513 |
| 5.61537037 | 14.64 | 23.1724 | 5.79673611 | 14.48 | 18.5367 | 5.97810185 | 13.43 | 4.9785 |
| 5.61548611 | 14.71 | 20.5814 | 5.79685185 | 14.47 | 18.2727 | 5.97821759 | 13.43 | 4.8674 |
| 5.61560185 | 14.56 | 26.6663 | 5.79696759 | 14.49 | 18.9246 | 5.97833333 | 13.42 | 4.7987 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61571759 | 14.56 | 26.6776 | 5.79708333 | 14.51 | 19.6334 | 5.97844907 | 13.42 | 4.7832 |
| 5.61583333 | 14.56 | 26.2904 | 5.79719907 | 14.51 | 20.2504 | 5.97856482 | 13.46 | 5.6012 |
| 5.61594907 | 14.53 | 27.28 | 5.79731482 | 14.52 | 20.5743 | 5.97868056 | 13.45 | 5.0254 |
| 5.61606482 | 14.55 | 27.2249 | 5.79743056 | 14.53 | 20.7143 | 5.9787963 | 13.46 | 5.6025 |
| 5.61618056 | 14.53 | 27.1222 | 5.7975463 | 14.55 | 20.9292 | 5.97891204 | 13.45 | 5.2222 |
| 5.6162963 | 14.53 | 27.2917 | 5.79766204 | 14.55 | 20.8688 | 5.97902778 | 13.46 | 5.3138 |
| 5.61641204 | 14.53 | 27.3447 | 5.79777778 | 14.56 | 21.4027 | 5.97914352 | 13.53 | 6.9729 |
| 5.61652778 | 14.53 | 27.3182 | 5.79789352 | 14.55 | 21.1608 | 5.97925926 | 13.54 | 7.4847 |
| 5.61664352 | 14.53 | 27.327 | 5.79800926 | 14.55 | 20.8287 | 5.979375 | 13.57 | 7.9785 |
| 5.61675926 | 14.53 | 27.3388 | 5.798125 | 14.55 | 20.8834 | 5.97949074 | 13.5 | 6.292 |
| 5.616875 | 14.53 | 27.2947 | 5.79824074 | 14.55 | 21.0844 | 5.97960648 | 13.57 | 8.6347 |
| 5.61699074 | 14.53 | 27.2858 | 5.79835648 | 14.56 | 21.3894 | 5.97972222 | 13.54 | 7.0015 |
| 5.61710648 | 14.55 | 27.2454 | 5.79847222 | 14.55 | 21.1179 | 5.97983796 | 13.52 | 6.4694 |
| 5.61722222 | 14.55 | 27.1548 | 5.79858796 | 14.56 | 21.3475 | 5.9799537 | 13.43 | 4.7509 |
| 5.61733796 | 14.55 | 27.2074 | 5.7987037 | 14.55 | 21.0399 | 5.98006944 | 13.45 | 4.8806 |
| 5.6174537 | 14.53 | 27.2976 | 5.79881944 | 14.53 | 20.6711 | 5.98018519 | 13.46 | 5.566 |
| 5.61756944 | 14.53 | 27.3123 | 5.79893519 | 14.56 | 21.3002 | 5.98030093 | 13.46 | 5.617 |
| 5.61768519 | 14.55 | 27.2483 | 5.79905093 | 14.55 | 21.025 | 5.98041667 | 13.45 | 5.2331 |
| 5.61780093 | 14.55 | 27.2895 | 5.79916667 | 14.55 | 20.5069 | 5.98053241 | 13.45 | 5.2695 |
| 5.61791667 | 14.55 | 27.2836 | 5.79928241 | 14.52 | 20.644 | 5.98064815 | 13.5 | 6.6569 |
| 5.61803241 | 14.55 | 27.2983 | 5.79939815 | 14.52 | 20.2974 | 5.98076389 | 13.46 | 5.6696 |
| 5.61814815 | 14.55 | 27.2983 | 5.79951389 | 14.51 | 20.1208 | 5.98087963 | 13.43 | 4.8367 |
| 5.61826389 | 14.55 | 27.1957 | 5.79962963 | 14.49 | 20.6995 | 5.98099537 | 13.45 | 5.2543 |
| 5.61837963 | 14.56 | 27.11 | 5.79974537 | 14.47 | 18.8766 | 5.98111111 | 13.49 | 6.0682 |
| 5.61849537 | 14.56 | 27.1362 | 5.79986111 | 14.44 | 18.1964 | 5.98122685 | 13.46 | 6.1717 |
| 5.61861111 | 14.53 | 27.1396 | 5.79997685 | 14.48 | 19.6618 | 5.98134259 | 13.43 | 5.0452 |
| 5.61872685 | 14.53 | 27.2741 | 5.80009259 | 14.47 | 19.3219 | 5.98145833 | 13.43 | 4.9409 |
| 5.61884259 | 14.53 | 26.6417 | 5.80020833 | 14.44 | 18.8119 | 5.98157407 | 13.5 | 6.166 |
| 5.61895833 | 14.56 | 26.6973 | 5.80032407 | 14.42 | 17.9047 | 5.98168982 | 13.45 | 5.1152 |
| 5.61907407 | 14.56 | 26.9166 | 5.80043982 | 14.41 | 18.0211 | 5.98180556 | 13.5 | 7.8726 |
| 5.61918982 | 14.55 | 27.0069 | 5.80055556 | 14.41 | 18.0663 | 5.9819213 | 13.53 | 7.8134 |
| 5.61930556 | 14.58 | 25.661 | 5.8006713 | 14.42 | 17.7653 | 5.98203704 | 13.57 | 9.3353 |
| 5.6194213 | 14.64 | 23.2075 | 5.80078704 | 14.4 | 17.409 | 5.98215278 | 13.5 | 6.3567 |
| 5.61953704 | 14.55 | 27.0127 | 5.80090278 | 14.38 | 17.3915 | 5.98226852 | 13.46 | 5.4004 |
| 5.61965278 | 14.56 | 25.8544 | 5.80101852 | 14.4 | 17.3147 | 5.98238426 | 13.65 | 9.423 |
| 5.61976852 | 14.58 | 25.5979 | 5.80113426 | 14.38 | 17.1695 | 5.9825 | 13.63 | 9.455 |
| 5.61988426 | 14.59 | 24.9687 | 5.80125 | 14.38 | 17.0551 | 5.98261574 | 13.61 | 9.5328 |
| 5.62 | 14.59 | 25.5443 | 5.80136574 | 14.38 | 17.0782 | 5.98273148 | 13.59 | 10.3082 |
| 5.62011574 | 14.63 | 23.0191 | 5.80148148 | 14.37 | 16.8801 | 5.98284722 | 13.54 | 6.4557 |
| 5.62023148 | 14.7 | 21.0611 | 5.80159722 | 14.37 | 17.073 | 5.98296296 | 13.46 | 5.4909 |
| 5.62034722 | 14.63 | 24.6827 | 5.80171296 | 14.37 | 16.9918 | 5.9830787 | 13.5 | 7.1766 |
| 5.62046296 | 14.62 | 24.7531 | 5.8018287 | 14.37 | 16.9918 | 5.98319444 | 13.45 | 5.5567 |
| 5.6205787 | 14.67 | 22.4135 | 5.80194444 | 14.37 | 16.9729 | 5.98331019 | 13.54 | 8.1493 |
| 5.62069444 | 14.7 | 20.8728 | 5.80206019 | 14.38 | 17.0809 | 5.98342593 | 13.59 | 8.4901 |
| 5.62081019 | 14.62 | 25.2073 | 5.80217593 | 14.38 | 17.028 | 5.98354167 | 13.57 | 8.7588 |
| 5.62092593 | 14.56 | 26.7426 | 5.80229167 | 14.37 | 17.0351 | 5.98365741 | 13.53 | 7.5964 |
| 5.62104167 | 14.56 | 26.8994 | 5.80240741 | 14.37 | 17.0798 | 5.98377315 | 13.53 | 8.0192 |
| 5.62115741 | 14.55 | 27.088 | 5.80252315 | 14.37 | 16.9972 | 5.98388889 | 13.56 | 8.09 |
| 5.62127315 | 14.52 | 27.3635 | 5.80263889 | 14.37 | 17.0635 | 5.98400463 | 13.49 | 5.9667 |
| 5.62138889 | 14.53 | 27.4008 | 5.80275463 | 14.37 | 17.0351 | 5.98412037 | 13.53 | 7.9647 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62150463 | 14.53 | 27.3772 | 5.80287037 | 14.37 | 17.1384 | 5.98423611 | 13.48 | 6.5427 |
| 5.62162037 | 14.53 | 27.3477 | 5.80298611 | 14.37 | 17.2123 | 5.98435185 | 13.48 | 6.6484 |
| 5.62173611 | 14.53 | 27.3447 | 5.80310185 | 14.37 | 17.0785 | 5.98446759 | 13.48 | 6.2472 |
| 5.62185185 | 14.55 | 27.3631 | 5.80321759 | 14.37 | 17.2508 | 5.98458333 | 13.53 | 8.0153 |
| 5.62196759 | 14.55 | 27.3307 | 5.80333333 | 14.4 | 17.8692 | 5.98469907 | 13.5 | 7.4524 |
| 5.62208333 | 14.55 | 27.1286 | 5.80344907 | 14.37 | 17.1548 | 5.98481482 | 13.53 | 7.8002 |
| 5.62219907 | 14.55 | 26.775 | 5.80356482 | 14.37 | 17.2411 | 5.98493056 | 13.52 | 6.3931 |
| 5.62231482 | 14.53 | 27.4245 | 5.80368056 | 14.37 | 17.1234 | 5.9850463 | 13.59 | 9.281 |
| 5.62243056 | 14.53 | 27.3949 | 5.8037963 | 14.36 | 17.0421 | 5.98516204 | 13.57 | 8.4625 |
| 5.6225463 | 14.53 | 27.3801 | 5.80391204 | 14.37 | 17.107 | 5.98527778 | 13.61 | 9.5398 |
| 5.62266204 | 14.53 | 27.3418 | 5.80402778 | 14.36 | 17.0015 | 5.98539352 | 13.56 | 7.602 |
| 5.62277778 | 14.53 | 27.3241 | 5.80414352 | 14.37 | 17.0323 | 5.98550926 | 13.45 | 6.0679 |
| 5.62289352 | 14.53 | 27.3388 | 5.80425926 | 14.37 | 17.3627 | 5.985625 | 13.43 | 5.2758 |
| 5.62300926 | 14.53 | 27.3241 | 5.804375 | 14.37 | 17.2054 | 5.98574074 | 13.43 | 5.5647 |
| 5.623125 | 14.53 | 27.3506 | 5.80449074 | 14.36 | 17.1783 | 5.98585648 | 13.46 | 6.2918 |
| 5.62324074 | 14.53 | 27.3506 | 5.80460648 | 14.37 | 17.2962 | 5.98597222 | 13.46 | 6.2911 |
| 5.62335648 | 14.53 | 27.2009 | 5.80472222 | 14.37 | 17.5133 | 5.98608796 | 13.43 | 5.9001 |
| 5.62347222 | 14.53 | 27.3565 | 5.80483796 | 14.37 | 17.1302 | 5.9862037 | 13.42 | 5.5869 |
| 5.62358796 | 14.53 | 27.3359 | 5.8049537 | 14.37 | 17.2949 | 5.98631944 | 13.41 | 5.0401 |
| 5.6237037 | 14.53 | 27.3565 | 5.80506944 | 14.37 | 17.4085 | 5.98643519 | 13.43 | 5.8377 |
| 5.62381944 | 14.52 | 27.3783 | 5.80518519 | 14.4 | 18.2624 | 5.98655093 | 13.45 | 6.0137 |
| 5.62393519 | 14.52 | 27.4079 | 5.80530093 | 14.48 | 20.624 | 5.98666667 | 13.39 | 4.9819 |
| 5.62405093 | 14.52 | 27.3872 | 5.80541667 | 14.47 | 20.2104 | 5.98678241 | 13.41 | 5.264 |
| 5.62416667 | 14.52 | 27.3517 | 5.80553241 | 14.47 | 19.8892 | 5.98689815 | 13.41 | 5.292 |
| 5.62428241 | 14.53 | 27.3565 | 5.80564815 | 14.47 | 19.8236 | 5.98701389 | 13.41 | 5.1121 |
| 5.62439815 | 14.52 | 27.3606 | 5.80576389 | 14.45 | 19.5138 | 5.98712963 | 13.39 | 5.0677 |
| 5.62451389 | 14.52 | 27.3606 | 5.80587963 | 14.47 | 19.6089 | 5.98724537 | 13.38 | 4.8621 |
| 5.62462963 | 14.52 | 27.3488 | 5.80599537 | 14.47 | 19.8253 | 5.98736111 | 13.39 | 5.1022 |
| 5.62474537 | 14.53 | 27.3418 | 5.80611111 | 14.47 | 19.28 | 5.98747685 | 13.41 | 5.0603 |
| 5.62486111 | 14.53 | 27.3182 | 5.80622685 | 14.45 | 19.39 | 5.98759259 | 13.41 | 5.2052 |
| 5.62497685 | 14.53 | 27.3005 | 5.80634259 | 14.45 | 19.1507 | 5.98770833 | 13.42 | 5.7182 |
| 5.62509259 | 14.53 | 27.33 | 5.80645833 | 14.47 | 19.7783 | 5.98782407 | 13.39 | 5.1315 |
| 5.62520833 | 14.53 | 27.4008 | 5.80657407 | 14.41 | 18.5549 | 5.98793982 | 13.39 | 4.9684 |
| 5.62532407 | 14.52 | 27.396 | 5.80668982 | 14.4 | 18.0082 | 5.98805556 | 13.41 | 5.2822 |
| 5.62543982 | 14.52 | 27.3783 | 5.80680556 | 14.38 | 17.6554 | 5.9881713 | 13.42 | 6.8657 |
| 5.62555556 | 14.53 | 27.3683 | 5.8069213 | 14.37 | 17.6571 | 5.98828704 | 13.38 | 4.9526 |
| 5.6256713 | 14.53 | 27.3595 | 5.80703704 | 14.38 | 17.8654 | 5.98840278 | 13.39 | 5.0386 |
| 5.62578704 | 14.53 | 27.2947 | 5.80715278 | 14.37 | 17.6005 | 5.98851852 | 13.43 | 6.6598 |
| 5.62590278 | 14.52 | 27.399 | 5.80726852 | 14.37 | 17.4811 | 5.98863426 | 13.38 | 5.0003 |
| 5.62601852 | 14.52 | 27.3399 | 5.80738426 | 14.38 | 18.186 | 5.98875 | 13.41 | 5.6098 |
| 5.62613426 | 14.53 | 26.7831 | 5.8075 | 14.37 | 17.9596 | 5.98886574 | 13.38 | 5.0482 |
| 5.62625 | 14.53 | 26.594 | 5.80761574 | 14.38 | 18 | 5.98898148 | 13.39 | 5.1369 |
| 5.62636574 | 14.55 | 26.8177 | 5.80773148 | 14.38 | 17.9854 | 5.98909722 | 13.39 | 5.2388 |
| 5.62648148 | 14.55 | 26.8291 | 5.80784722 | 14.45 | 20.3007 | 5.98921296 | 13.38 | 4.9644 |
| 5.62659722 | 14.56 | 26.3151 | 5.80796296 | 14.42 | 20.2294 | 5.9893287 | 13.39 | 5.2031 |
| 5.62671296 | 14.6 | 25.1692 | 5.8080787 | 14.4 | 18.3982 | 5.98944444 | 13.39 | 5.0291 |
| 5.6268287 | 14.58 | 25.6926 | 5.80819444 | 14.38 | 18.1007 | 5.98956019 | 13.38 | 4.8633 |
| 5.62694444 | 14.59 | 25.3859 | 5.80831019 | 14.4 | 18.8918 | 5.98967593 | 13.38 | 4.9227 |
| 5.62706019 | 14.59 | 25.0895 | 5.80842593 | 14.4 | 18.4207 | 5.98979167 | 13.38 | 4.9973 |
| 5.62717593 | 14.58 | 25.9643 | 5.80854167 | 14.37 | 17.761 | 5.98990741 | 13.38 | 4.9767 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62729167 | 14.63 | 23.5117 | 5.80865741 | 14.37 | 17.704 | 5.99002315 | 13.38 | 5.0038 |
| 5.62740741 | 14.58 | 26.0371 | 5.80877315 | 14.36 | 17.7285 | 5.99013889 | 13.39 | 5.2394 |
| 5.62752315 | 14.63 | 23.9372 | 5.80888889 | 14.36 | 17.7285 | 5.99025463 | 13.41 | 5.4334 |
| 5.62763889 | 14.6 | 25.2049 | 5.80900463 | 14.36 | 17.6986 | 5.99037037 | 13.39 | 5.1303 |
| 5.62775463 | 14.59 | 25.6307 | 5.80912037 | 14.37 | 18.201 | 5.99048611 | 13.39 | 5.1796 |
| 5.62787037 | 14.59 | 24.8613 | 5.80923611 | 14.37 | 18.0498 | 5.99060185 | 13.39 | 5.104 |
| 5.62798611 | 14.53 | 27.0064 | 5.80935185 | 14.4 | 19.3776 | 5.99071759 | 13.39 | 5.0617 |
| 5.62810185 | 14.58 | 24.8329 | 5.80946759 | 14.4 | 18.7909 | 5.99083333 | 13.38 | 5.1497 |
| 5.62821759 | 14.62 | 24.2824 | 5.80958333 | 14.38 | 18.6179 | 5.99094907 | 13.38 | 5.1689 |
| 5.62833333 | 14.64 | 22.8839 | 5.80969907 | 14.45 | 20.746 | 5.99106482 | 13.39 | 5.3978 |
| 5.62844907 | 14.63 | 24.2309 | 5.80981482 | 14.38 | 18.26 | 5.99118056 | 13.39 | 5.1232 |
| 5.62856482 | 14.59 | 25.3112 | 5.80993056 | 14.4 | 18.4749 | 5.9912963 | 13.41 | 5.3901 |
| 5.62868056 | 14.58 | 25.4079 | 5.8100463 | 14.38 | 18.1565 | 5.99141204 | 13.39 | 5.2844 |
| 5.6287963 | 14.58 | 26.181 | 5.81016204 | 14.4 | 18.4673 | 5.99152778 | 13.39 | 5.4065 |
| 5.62891204 | 14.55 | 26.477 | 5.81027778 | 14.38 | 18.2466 | 5.99164352 | 13.41 | 5.429 |
| 5.62902778 | 14.55 | 26.7438 | 5.81039352 | 14.38 | 18.5464 | 5.99175926 | 13.41 | 5.4849 |
| 5.62914352 | 14.55 | 26.4158 | 5.81050926 | 14.37 | 18.3869 | 5.991875 | 13.41 | 5.3501 |
| 5.62925926 | 14.53 | 27.0266 | 5.810625 | 14.37 | 18.12 | 5.99199074 | 13.39 | 5.3658 |
| 5.629375 | 14.52 | 26.996 | 5.81074074 | 14.37 | 18.4229 | 5.99210648 | 13.41 | 5.5431 |
| 5.62949074 | 14.52 | 26.0934 | 5.81085648 | 14.37 | 17.9422 | 5.99222222 | 13.42 | 5.6736 |
| 5.62960648 | 14.52 | 27.2518 | 5.81097222 | 14.36 | 17.9569 | 5.99233796 | 13.42 | 5.6026 |
| 5.62972222 | 14.52 | 27.2488 | 5.81108796 | 14.36 | 17.9569 | 5.9924537 | 13.42 | 5.6965 |
| 5.62983796 | 14.52 | 27.1728 | 5.8112037 | 14.37 | 17.9321 | 5.99256944 | 13.42 | 5.6647 |
| 5.6299537 | 14.53 | 27.1513 | 5.81131944 | 14.37 | 18.0396 | 5.99268519 | 13.43 | 5.6791 |
| 5.63006944 | 14.52 | 27.3105 | 5.81143519 | 14.37 | 18.0527 | 5.99280093 | 13.43 | 5.8422 |
| 5.63018519 | 14.53 | 27.3595 | 5.81155093 | 14.38 | 18.0627 | 5.99291667 | 13.45 | 5.7747 |
| 5.63030093 | 14.51 | 27.3676 | 5.81166667 | 14.37 | 17.9248 | 5.99303241 | 13.45 | 5.8127 |
| 5.63041667 | 14.51 | 27.4001 | 5.81178241 | 14.37 | 17.9422 | 5.99314815 | 13.45 | 5.7682 |
| 5.63053241 | 14.52 | 27.3635 | 5.81189815 | 14.38 | 18.0627 | 5.99326389 | 13.45 | 5.8314 |
| 5.63064815 | 14.52 | 27.3547 | 5.81201389 | 14.37 | 18.0221 | 5.99337963 | 13.45 | 5.8198 |
| 5.63076389 | 14.55 | 27.1927 | 5.81212963 | 14.37 | 18.0673 | 5.99349537 | 13.45 | 5.7471 |
| 5.63087963 | 14.52 | 27.3046 | 5.81224537 | 14.36 | 18.0471 | 5.99361111 | 13.45 | 5.7407 |
| 5.63099537 | 14.52 | 27.3517 | 5.81236111 | 14.37 | 18.0046 | 5.99372685 | 13.46 | 5.77 |
| 5.63111111 | 14.53 | 27.1426 | 5.81247685 | 14.37 | 18.1024 | 5.99384259 | 13.46 | 5.8183 |
| 5.63122685 | 14.53 | 27.0122 | 5.81259259 | 14.36 | 18.0267 | 5.99395833 | 13.46 | 5.7449 |
| 5.63134259 | 14.53 | 27.1222 | 5.81270833 | 14.36 | 18.0121 | 5.99407407 | 13.46 | 5.7533 |
| 5.63145833 | 14.53 | 26.9058 | 5.81282407 | 14.37 | 18.0454 | 5.99418982 | 13.46 | 5.711 |
| 5.63157407 | 14.56 | 26.4229 | 5.81293982 | 14.37 | 18.0907 | 5.99430556 | 13.46 | 5.676 |
| 5.63168982 | 14.59 | 25.1579 | 5.81305556 | 14.37 | 18.0498 | 5.9944213 | 13.46 | 5.7507 |
| 5.63180556 | 14.58 | 25.8598 | 5.8131713 | 14.37 | 18.204 | 5.99453704 | 13.46 | 5.6792 |
| 5.6319213 | 14.59 | 24.9912 | 5.81328704 | 14.37 | 18.1833 | 5.99465278 | 13.46 | 5.6881 |
| 5.63203704 | 14.58 | 26.0533 | 5.81340278 | 14.37 | 18.4529 | 5.99476852 | 13.46 | 5.7225 |
| 5.63215278 | 14.56 | 26.2273 | 5.81351852 | 14.37 | 18.1303 | 5.99488426 | 13.46 | 5.6976 |
| 5.63226852 | 14.67 | 21.511 | 5.81363426 | 14.37 | 18.0922 | 5.995 | 13.46 | 5.7257 |
| 5.63238426 | 14.58 | 25.7879 | 5.81375 | 14.37 | 18.0746 | 5.99511574 | 13.46 | 5.7308 |
| 5.6325 | 14.59 | 25.3086 | 5.81386574 | 14.37 | 18.0775 | 5.99523148 | 13.46 | 5.7264 |
| 5.63261574 | 14.56 | 26.4146 | 5.81398148 | 14.37 | 18.3689 | 5.99534722 | 13.46 | 5.7213 |
| 5.63273148 | 14.63 | 23.4264 | 5.81409722 | 14.37 | 18.2869 | 5.99546296 | 13.48 | 5.7164 |
| 5.63284722 | 14.6 | 25.2534 | 5.81421296 | 14.37 | 17.9697 | 5.9955787 | 13.48 | 5.7304 |
| 5.63296296 | 14.58 | 25.8918 | 5.8143287 | 14.36 | 18.0194 | 5.99569444 | 13.48 | 5.7298 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6330787 | 14.55 | 27.0387 | 5.81444444 | 14.36 | 18.1306 | 5.99581019 | 13.48 | 5.7151 |
| 5.63319444 | 14.55 | 26.7155 | 5.81456019 | 14.36 | 18.0398 | 5.99592593 | 13.46 | 5.7059 |
| 5.63331019 | 14.55 | 26.8605 | 5.81467593 | 14.36 | 18.1555 | 5.99604167 | 13.46 | 5.7392 |
| 5.63342593 | 14.55 | 26.8348 | 5.81479167 | 14.36 | 18.0194 | 5.99615741 | 13.46 | 5.7648 |
| 5.63354167 | 14.53 | 26.9632 | 5.81490741 | 14.34 | 17.9865 | 5.99627315 | 13.48 | 5.7541 |
| 5.63365741 | 14.53 | 26.9287 | 5.81502315 | 14.34 | 18.0768 | 5.99638889 | 13.45 | 5.7638 |
| 5.63377315 | 14.53 | 26.9862 | 5.81513889 | 14.34 | 18.1752 | 5.99650463 | 13.46 | 5.7751 |
| 5.63388889 | 14.55 | 26.8634 | 5.81525463 | 14.33 | 17.9057 | 5.99662037 | 13.46 | 5.7899 |
| 5.63400463 | 14.56 | 26.6635 | 5.81537037 | 14.34 | 17.904 | 5.99673611 | 13.46 | 5.779 |
| 5.63412037 | 14.55 | 26.724 | 5.81548611 | 14.34 | 17.9662 | 5.99685185 | 13.46 | 5.7803 |
| 5.63423611 | 14.53 | 26.7547 | 5.81560185 | 14.34 | 17.8463 | 5.99696759 | 13.46 | 5.7835 |
| 5.63435185 | 14.55 | 26.9264 | 5.81571759 | 14.34 | 17.9734 | 5.99708333 | 13.46 | 5.788 |
| 5.63446759 | 14.58 | 26.4066 | 5.81583333 | 14.34 | 17.9589 | 5.99719907 | 13.46 | 5.7899 |
| 5.63458333 | 14.58 | 26.3209 | 5.81594907 | 14.34 | 17.9662 | 5.99731482 | 13.45 | 5.7985 |
| 5.63469907 | 14.58 | 26.151 | 5.81606482 | 14.33 | 17.936 | 5.99743056 | 13.45 | 5.7875 |
| 5.63481482 | 14.53 | 26.9259 | 5.81618056 | 14.33 | 17.9057 | 5.9975463 | 13.45 | 5.7998 |
| 5.63493056 | 14.55 | 26.3771 | 5.8162963 | 14.34 | 17.9662 | 5.99766204 | 13.45 | 5.7927 |
| 5.6350463 | 14.52 | 27.1903 | 5.81641204 | 14.34 | 17.9314 | 5.99777778 | 13.45 | 5.7946 |
| 5.63516204 | 14.53 | 27.1048 | 5.81652778 | 14.34 | 18.0287 | 5.99789352 | 13.45 | 5.7933 |
| 5.63527778 | 14.55 | 26.5719 | 5.81664352 | 14.34 | 18.1472 | 5.99800926 | 13.45 | 5.7946 |
| 5.63539352 | 14.53 | 27.015 | 5.81675926 | 14.34 | 17.9517 | 5.998125 | 13.43 | 5.8125 |
| 5.63550926 | 14.53 | 27.0816 | 5.816875 | 14.34 | 17.8119 | 5.99824074 | 13.45 | 5.8114 |
| 5.635625 | 14.53 | 27.128 | 5.81699074 | 14.33 | 17.8136 | 5.99835648 | 13.45 | 5.7972 |
| 5.63574074 | 14.53 | 27.0526 | 5.81710648 | 14.33 | 17.8682 | 5.99847222 | 13.45 | 5.7946 |
| 5.63585648 | 14.52 | 27.287 | 5.81722222 | 14.33 | 17.8036 | 5.99858796 | 13.45 | 5.8056 |
| 5.63597222 | 14.53 | 27.0729 | 5.81733796 | 14.33 | 17.7764 | 5.9987037 | 13.45 | 5.7966 |
| 5.63608796 | 14.55 | 26.8548 | 5.8174537 | 14.33 | 17.7222 | 5.99881944 | 13.45 | 5.8017 |
| 5.6362037 | 14.56 | 25.7322 | 5.81756944 | 14.33 | 17.6653 | 5.99893519 | 13.45 | 5.8379 |
| 5.63631944 | 14.56 | 26.0666 | 5.81768519 | 14.33 | 17.6682 | 5.99905093 | 13.45 | 5.8191 |
| 5.63643519 | 14.55 | 26.5551 | 5.81780093 | 14.33 | 17.6611 | 5.99916667 | 13.45 | 5.8082 |
| 5.63655093 | 14.58 | 25.6084 | 5.81791667 | 14.33 | 17.6342 | 5.99928241 | 13.45 | 5.823 |
| 5.63666667 | 14.58 | 25.9777 | 5.81803241 | 14.33 | 17.6653 | 5.99939815 | 13.45 | 5.8166 |
| 5.63678241 | 14.63 | 23.9116 | 5.81814815 | 14.33 | 17.6455 | 5.99951389 | 13.45 | 5.8114 |
| 5.63689815 | 14.62 | 24.0109 | 5.81826389 | 14.33 | 17.6412 | 5.99962963 | 13.45 | 5.8095 |
| 5.63701389 | 14.63 | 23.6862 | 5.81837963 | 14.33 | 17.671 | 5.99974537 | 13.43 | 5.8209 |
| 5.63712963 | 14.62 | 24.431 | 5.81849537 | 14.33 | 17.6483 | 5.99986111 | 13.45 | 5.8263 |
| 5.63724537 | 14.62 | 24.1755 | 5.81861111 | 14.33 | 17.7079 | 5.99997685 | 13.45 | 5.8424 |
| 5.63736111 | 14.62 | 23.8622 | 5.81872685 | 14.33 | 17.7179 | 6.00009259 | 13.45 | 5.8398 |
| 5.63747685 | 14.64 | 22.9873 | 5.81884259 | 14.33 | 17.7792 | 6.00020833 | 13.45 | 5.845 |
| 5.63759259 | 14.64 | 23.4518 | 5.81895833 | 14.33 | 17.7051 | 6.00032407 | 13.45 | 5.8547 |
| 5.63770833 | 14.62 | 24.1755 | 5.81907407 | 14.33 | 17.735 | 6.00043982 | 13.45 | 5.8632 |
| 5.63782407 | 14.6 | 25.3355 | 5.81918982 | 14.31 | 17.598 | 6.00055556 | 13.43 | 5.8682 |
| 5.63793982 | 14.62 | 24.5132 | 5.81930556 | 14.31 | 17.4856 | 6.0006713 | 13.45 | 5.8625 |
| 5.63805556 | 14.6 | 25.2739 | 5.8194213 | 14.3 | 17.1487 | 6.00078704 | 13.45 | 5.8742 |
| 5.6381713 | 14.6 | 24.7583 | 5.81953704 | 14.31 | 17.128 | 6.00090278 | 13.45 | 5.882 |
| 5.63828704 | 14.62 | 24.7481 | 5.81965278 | 14.29 | 16.7294 | 6.00101852 | 13.45 | 5.8781 |
| 5.63840278 | 14.58 | 26.1428 | 5.81976852 | 14.29 | 16.876 | 6.00113426 | 13.45 | 5.8547 |
| 5.63851852 | 14.56 | 26.6268 | 5.81988426 | 14.29 | 16.8599 | 6.00125 | 13.45 | 5.871 |
| 5.63863426 | 14.56 | 26.7795 | 5.82 | 14.29 | 16.5949 | 6.00136574 | 13.45 | 5.8723 |
| 5.63875 | 14.58 | 26.5403 | 5.82011574 | 14.27 | 16.4544 | 6.00148148 | 13.45 | 5.856 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63886574 | 14.58 | 26.2824 | 5.82023148 | 14.29 | 16.8974 | 6.00159722 | 13.45 | 5.8723 |
| 5.63898148 | 14.58 | 26.6667 | 5.82034722 | 14.29 | 16.354 | 6.00171296 | 13.45 | 5.8859 |
| 5.63909722 | 14.58 | 26.4788 | 5.82046296 | 14.29 | 16.0308 | 6.0018287 | 13.45 | 5.9042 |
| 5.63921296 | 14.58 | 26.4066 | 5.8205787 | 14.27 | 16.3327 | 6.00194444 | 13.45 | 5.8924 |
| 5.6393287 | 14.56 | 26.5148 | 5.82069444 | 14.27 | 16.5353 | 6.00206019 | 13.45 | 5.9029 |
| 5.63944444 | 14.58 | 26.2549 | 5.82081019 | 14.29 | 16.9001 | 6.00217593 | 13.45 | 5.8924 |
| 5.63956019 | 14.58 | 26.4121 | 5.82092593 | 14.29 | 16.6897 | 6.00229167 | 13.45 | 5.8944 |
| 5.63967593 | 14.56 | 26.7994 | 5.82104167 | 14.3 | 17.1078 | 6.00240741 | 13.45 | 5.8872 |
| 5.63979167 | 14.58 | 26.0154 | 5.82115741 | 14.3 | 16.8623 | 6.00252315 | 13.45 | 5.897 |
| 5.63990741 | 14.58 | 26.2549 | 5.82127315 | 14.3 | 16.5696 | 6.00263889 | 13.45 | 5.9035 |
| 5.64002315 | 14.58 | 26.0235 | 5.82138889 | 14.3 | 16.6051 | 6.00275463 | 13.45 | 5.9029 |
| 5.64013889 | 14.62 | 24.6841 | 5.82150463 | 14.29 | 16.4759 | 6.00287037 | 13.45 | 5.899 |
| 5.64025463 | 14.6 | 25.4155 | 5.82162037 | 14.3 | 16.7742 | 6.00298611 | 13.45 | 5.9107 |
| 5.64037037 | 14.59 | 25.6386 | 5.82173611 | 14.3 | 16.9926 | 6.00310185 | 13.45 | 5.9283 |
| 5.64048611 | 14.6 | 25.6215 | 5.82185185 | 14.3 | 17.0698 | 6.00321759 | 13.45 | 5.9303 |
| 5.64060185 | 14.6 | 25.7933 | 5.82196759 | 14.3 | 16.8783 | 6.00333333 | 13.45 | 5.9309 |
| 5.64071759 | 14.59 | 25.9711 | 5.82208333 | 14.3 | 16.9522 | 6.00344907 | 13.45 | 5.9486 |
| 5.64083333 | 14.58 | 26.3374 | 5.82219907 | 14.3 | 16.7836 | 6.00356482 | 13.45 | 5.9231 |
| 5.64094907 | 14.62 | 24.4817 | 5.82231482 | 14.3 | 16.6947 | 6.00368056 | 13.43 | 5.9484 |
| 5.64106482 | 14.62 | 25.05 | 5.82243056 | 14.3 | 16.6736 | 6.0037963 | 13.43 | 5.9131 |
| 5.64118056 | 14.59 | 26.0493 | 5.8225463 | 14.3 | 16.5998 | 6.00391204 | 13.43 | 5.9517 |
| 5.6412963 | 14.59 | 25.7627 | 5.82266204 | 14.3 | 16.638 | 6.00402778 | 13.46 | 6.0716 |
| 5.64141204 | 14.6 | 25.661 | 5.82277778 | 14.3 | 16.3989 | 6.00414352 | 13.45 | 6.0388 |
| 5.64152778 | 14.58 | 26.5767 | 5.82289352 | 14.29 | 16.3708 | 6.00425926 | 13.46 | 6.1189 |
| 5.64164352 | 14.58 | 26.5571 | 5.82300926 | 14.29 | 16.1845 | 6.004375 | 13.45 | 6.1338 |
| 5.64175926 | 14.59 | 25.8505 | 5.823125 | 14.29 | 16.4941 | 6.00449074 | 13.45 | 6.0593 |
| 5.641875 | 14.59 | 26.1361 | 5.82324074 | 14.29 | 16.5111 | 6.00460648 | 13.45 | 6.1105 |
| 5.64199074 | 14.58 | 26.5515 | 5.82335648 | 14.29 | 16.305 | 6.00472222 | 13.45 | 6.1358 |
| 5.64210648 | 14.59 | 26.2043 | 5.82347222 | 14.29 | 16.2639 | 6.00483796 | 13.43 | 6.1323 |
| 5.64222222 | 14.56 | 26.7228 | 5.82358796 | 14.29 | 16.0396 | 6.0049537 | 13.45 | 6.0938 |
| 5.64233796 | 14.56 | 26.8565 | 5.8237037 | 14.29 | 15.9766 | 6.00506944 | 13.45 | 6.0932 |
| 5.6424537 | 14.56 | 26.8765 | 5.82381944 | 14.27 | 15.9357 | 6.00518519 | 13.43 | 6.0857 |
| 5.64256944 | 14.58 | 26.8113 | 5.82393519 | 14.26 | 15.7166 | 6.00530093 | 13.43 | 6.0697 |
| 5.64268519 | 14.56 | 26.7881 | 5.82405093 | 14.26 | 15.6782 | 6.00541667 | 13.42 | 6.0468 |
| 5.64280093 | 14.62 | 25.0854 | 5.82416667 | 14.25 | 15.6514 | 6.00553241 | 13.43 | 6.0711 |
| 5.64291667 | 14.56 | 26.771 | 5.82428241 | 14.26 | 16.0482 | 6.00564815 | 13.43 | 6.1043 |
| 5.64303241 | 14.59 | 25.8238 | 5.82439815 | 14.25 | 15.88 | 6.00576389 | 13.43 | 6.1383 |
| 5.64314815 | 14.58 | 26.2851 | 5.82451389 | 14.23 | 15.2516 | 6.00587963 | 13.43 | 6.0977 |
| 5.64326389 | 14.55 | 27.0329 | 5.82462963 | 14.26 | 16.2482 | 6.00599537 | 13.42 | 6.0508 |
| 5.64337963 | 14.56 | 26.9367 | 5.82474537 | 14.26 | 15.7861 | 6.00611111 | 13.42 | 6.0316 |
| 5.64349537 | 14.56 | 26.9453 | 5.82486111 | 14.23 | 15.4828 | 6.00622685 | 13.42 | 6.0336 |
| 5.64361111 | 14.56 | 26.8308 | 5.82497685 | 14.22 | 15.1357 | 6.00634259 | 13.42 | 6.1212 |
| 5.64372685 | 14.58 | 26.3706 | 5.82509259 | 14.22 | 15.1512 | 6.00645833 | 13.42 | 6.1399 |
| 5.64384259 | 14.58 | 26.5627 | 5.82520833 | 14.22 | 14.9128 | 6.00657407 | 13.43 | 6.2621 |
| 5.64395833 | 14.55 | 26.9235 | 5.82532407 | 14.19 | 14.3633 | 6.00668982 | 13.43 | 6.0943 |
| 5.64407407 | 14.56 | 26.8937 | 5.82543982 | 14.19 | 14.2043 | 6.00680556 | 13.43 | 6.1403 |
| 5.64418982 | 14.56 | 26.7256 | 5.82555556 | 14.18 | 14.155 | 6.0069213 | 13.43 | 6.1618 |
| 5.64430556 | 14.56 | 26.8308 | 5.8256713 | 14.19 | 14.3359 | 6.00703704 | 13.41 | 5.943 |
| 5.6444213 | 14.56 | 26.8023 | 5.82578704 | 14.19 | 14.3667 | 6.00715278 | 13.43 | 6.254 |
| 5.64453704 | 14.56 | 26.8108 | 5.82590278 | 14.19 | 14.1558 | 6.00726852 | 13.43 | 6.294 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64465278 | 14.55 | 26.9465 | 5.82601852 | 14.18 | 13.9756 | 6.00738426 | 13.43 | 6.3689 |
| 5.64476852 | 14.55 | 26.9379 | 5.82613426 | 14.18 | 13.8788 | 6.0075 | 13.45 | 6.393 |
| 5.64488426 | 14.55 | 27.0706 | 5.82625 | 14.18 | 13.8455 | 6.00761574 | 13.45 | 6.4013 |
| 5.645 | 14.59 | 25.9953 | 5.82636574 | 14.18 | 13.8466 | 6.00773148 | 13.45 | 6.4854 |
| 5.64511574 | 14.55 | 26.8377 | 5.82648148 | 14.16 | 13.8992 | 6.00784722 | 13.45 | 6.3445 |
| 5.64523148 | 14.56 | 26.4924 | 5.82659722 | 14.16 | 13.7422 | 6.00796296 | 13.43 | 6.3042 |
| 5.64534722 | 14.58 | 26.0344 | 5.82671296 | 14.16 | 13.8238 | 6.0080787 | 13.42 | 6.2732 |
| 5.64546296 | 14.56 | 26.2081 | 5.8268287 | 14.18 | 14.0292 | 6.00819444 | 13.43 | 6.3062 |
| 5.6455787 | 14.55 | 26.7127 | 5.82694444 | 14.2 | 14.603 | 6.00831019 | 13.43 | 6.4404 |
| 5.64569444 | 14.55 | 26.9178 | 5.82706019 | 14.19 | 14.3621 | 6.00842593 | 13.42 | 6.2185 |
| 5.64581019 | 14.55 | 26.5803 | 5.82717593 | 14.19 | 14.1885 | 6.00854167 | 13.42 | 6.1493 |
| 5.64592593 | 14.67 | 21.9681 | 5.82729167 | 14.19 | 14.3633 | 6.00865741 | 13.42 | 6.2597 |
| 5.64604167 | 14.66 | 23.3705 | 5.82740741 | 14.18 | 14.0942 | 6.00877315 | 13.42 | 6.2333 |
| 5.64615741 | 14.59 | 25.9603 | 5.82752315 | 14.19 | 14.5179 | 6.00888889 | 13.39 | 5.9658 |
| 5.64627315 | 14.58 | 26.2384 | 5.82763889 | 14.19 | 14.5122 | 6.00900463 | 13.39 | 5.9435 |
| 5.64638889 | 14.58 | 26.1701 | 5.82775463 | 14.19 | 14.1153 | 6.00912037 | 13.38 | 5.9254 |
| 5.64650463 | 14.58 | 26.1129 | 5.82787037 | 14.25 | 15.9326 | 6.00923611 | 13.38 | 5.9943 |
| 5.64662037 | 14.55 | 26.5551 | 5.82798611 | 14.2 | 14.9464 | 6.00935185 | 13.35 | 5.5373 |
| 5.64673611 | 14.58 | 26.3568 | 5.82810185 | 14.22 | 15.846 | 6.00946759 | 13.35 | 5.6718 |
| 5.64685185 | 14.56 | 26.1726 | 5.82821759 | 14.22 | 15.8435 | 6.00958333 | 13.35 | 5.7672 |
| 5.64696759 | 14.69 | 21.0053 | 5.82833333 | 14.23 | 16.2364 | 6.00969907 | 13.34 | 5.5739 |
| 5.64708333 | 14.59 | 26.3114 | 5.82844907 | 14.26 | 18.7505 | 6.00981482 | 13.35 | 5.8537 |
| 5.64719907 | 14.56 | 26.9137 | 5.82856482 | 14.22 | 15.0832 | 6.00993056 | 13.32 | 5.4083 |
| 5.64731482 | 14.55 | 26.9092 | 5.82868056 | 14.19 | 14.5467 | 6.0100463 | 13.31 | 5.3315 |
| 5.64743056 | 14.58 | 26.5179 | 5.8287963 | 14.23 | 16.8859 | 6.01016204 | 13.32 | 5.5234 |
| 5.6475463 | 14.6 | 25.4492 | 5.82891204 | 14.19 | 14.3964 | 6.01027778 | 13.32 | 5.4747 |
| 5.64766204 | 14.56 | 26.7313 | 5.82902778 | 14.19 | 14.377 | 6.01039352 | 13.3 | 5.3433 |
| 5.64777778 | 14.55 | 26.9609 | 5.82914352 | 14.2 | 14.7528 | 6.01050926 | 13.3 | 5.3519 |
| 5.64789352 | 14.56 | 26.6044 | 5.82925926 | 14.19 | 14.1524 | 6.010625 | 13.31 | 5.4047 |
| 5.64800926 | 14.56 | 26.5791 | 5.829375 | 14.18 | 13.8566 | 6.01074074 | 13.32 | 5.4709 |
| 5.648125 | 14.6 | 24.7929 | 5.82949074 | 14.16 | 13.7984 | 6.01085648 | 13.32 | 5.4766 |
| 5.64824074 | 14.63 | 24.6876 | 5.82960648 | 14.16 | 13.815 | 6.01097222 | 13.31 | 5.4407 |
| 5.64835648 | 14.59 | 26.3528 | 5.82972222 | 14.18 | 14.0493 | 6.01108796 | 13.31 | 5.4469 |
| 5.64847222 | 14.58 | 26.1456 | 5.82983796 | 14.16 | 13.7091 | 6.0112037 | 13.31 | 5.4549 |
| 5.64858796 | 14.56 | 26.7341 | 5.8299537 | 14.15 | 13.6973 | 6.01131944 | 13.32 | 5.4678 |
| 5.6487037 | 14.56 | 26.4423 | 5.83006944 | 14.16 | 13.6982 | 6.01143519 | 13.31 | 5.4481 |
| 5.64881944 | 14.56 | 26.3952 | 5.83018519 | 14.16 | 13.6367 | 6.01155093 | 13.3 | 5.3728 |
| 5.64893519 | 14.56 | 26.7398 | 5.83030093 | 14.16 | 13.8017 | 6.01166667 | 13.3 | 5.3932 |
| 5.64905093 | 14.56 | 26.8965 | 5.83041667 | 14.15 | 13.6644 | 6.01178241 | 13.3 | 5.3133 |
| 5.64916667 | 14.56 | 26.7653 | 5.83053241 | 14.15 | 13.4561 | 6.01189815 | 13.3 | 5.2888 |
| 5.64928241 | 14.58 | 26.4232 | 5.83064815 | 14.14 | 13.305 | 6.01201389 | 13.3 | 5.3507 |
| 5.64939815 | 14.58 | 26.4316 | 5.83076389 | 14.14 | 13.247 | 6.01212963 | 13.28 | 5.2733 |
| 5.64951389 | 14.56 | 26.7228 | 5.83087963 | 14.14 | 13.2739 | 6.01224537 | 13.28 | 5.2678 |
| 5.64962963 | 14.56 | 26.9453 | 5.83099537 | 14.14 | 13.1892 | 6.01236111 | 13.3 | 5.2888 |
| 5.64974537 | 14.56 | 26.9166 | 5.83111111 | 14.14 | 13.1082 | 6.01247685 | 13.28 | 5.2763 |
| 5.64986111 | 14.56 | 26.9539 | 5.83122685 | 14.14 | 13.106 | 6.01259259 | 13.28 | 5.2836 |
| 5.64997685 | 14.56 | 26.9856 | 5.83134259 | 14.14 | 13.6405 | 6.01270833 | 13.27 | 5.2716 |
| 5.65009259 | 14.55 | 27.0677 | 5.83145833 | 14.19 | 14.7391 | 6.01282407 | 13.28 | 5.2916 |
| 5.65020833 | 14.56 | 27 | 5.83157407 | 14.18 | 14.3169 | 6.01293982 | 13.28 | 5.2836 |
| 5.65032407 | 14.56 | 26.7909 | 5.83168982 | 14.18 | 15.9764 | 6.01305556 | 13.28 | 5.3461 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65043982 | 14.58 | 26.2769 | 5.83180556 | 14.18 | 14.7452 | 6.0131713 | 13.3 | 5.3734 |
| 5.65055556 | 14.56 | 26.4952 | 5.8319213 | 14.18 | 14.6452 | 6.01328704 | 13.28 | 5.3547 |
| 5.6506713 | 14.56 | 26.8023 | 5.83203704 | 14.19 | 16.1407 | 6.01340278 | 13.28 | 5.3867 |
| 5.65078704 | 14.55 | 26.8263 | 5.83215278 | 14.26 | 18.4901 | 6.01351852 | 13.28 | 5.343 |
| 5.65090278 | 14.56 | 26.808 | 5.83226852 | 14.23 | 16.3109 | 6.01363426 | 13.27 | 5.271 |
| 5.65101852 | 14.55 | 26.9407 | 5.83238426 | 14.18 | 13.7032 | 6.01375 | 13.27 | 5.2594 |
| 5.65113426 | 14.55 | 27.0764 | 5.8325 | 14.22 | 16.1486 | 6.01386574 | 13.27 | 5.2661 |
| 5.65125 | 14.55 | 27.0474 | 5.83261574 | 14.23 | 16.7155 | 6.01398148 | 13.27 | 5.3241 |
| 5.65136574 | 14.55 | 27.0185 | 5.83273148 | 14.2 | 16.4919 | 6.01409722 | 13.28 | 5.3651 |
| 5.65148148 | 14.55 | 26.7382 | 5.83284722 | 14.19 | 15.7387 | 6.01421296 | 13.27 | 5.3131 |
| 5.65159722 | 14.55 | 26.9551 | 5.83296296 | 14.19 | 15.8183 | 6.0143287 | 13.27 | 5.3003 |
| 5.65171296 | 14.55 | 26.9695 | 5.8330787 | 14.18 | 14.5251 | 6.01444444 | 13.27 | 5.2576 |
| 5.6518287 | 14.55 | 26.9954 | 5.83319444 | 14.22 | 16.0041 | 6.01456019 | 13.27 | 5.2097 |
| 5.65194444 | 14.55 | 26.9494 | 5.83331019 | 14.2 | 15.9456 | 6.01467593 | 13.26 | 5.208 |
| 5.65206019 | 14.64 | 22.4555 | 5.83342593 | 14.18 | 14.7896 | 6.01479167 | 13.26 | 5.2177 |
| 5.65217593 | 14.6 | 25.9187 | 5.83354167 | 14.14 | 12.658 | 6.01490741 | 13.26 | 5.1766 |
| 5.65229167 | 14.59 | 26.2591 | 5.83365741 | 14.12 | 12.4155 | 6.01502315 | 13.26 | 5.173 |
| 5.65240741 | 14.56 | 26.6016 | 5.83377315 | 14.11 | 11.712 | 6.01513889 | 13.26 | 5.1682 |
| 5.65252315 | 14.56 | 26.5343 | 5.83388889 | 14.12 | 11.7774 | 6.01525463 | 13.24 | 5.1859 |
| 5.65263889 | 14.56 | 26.4924 | 5.83400463 | 14.11 | 11.4496 | 6.01537037 | 13.24 | 5.1847 |
| 5.65275463 | 14.56 | 26.6945 | 5.83412037 | 14.11 | 11.4574 | 6.01548611 | 13.26 | 5.1814 |
| 5.65287037 | 14.56 | 26.7455 | 5.83423611 | 14.09 | 10.9839 | 6.01560185 | 13.24 | 5.2071 |
| 5.65298611 | 14.56 | 26.6889 | 5.83435185 | 14.11 | 11.7904 | 6.01571759 | 13.24 | 5.1883 |
| 5.65310185 | 14.58 | 26.2439 | 5.83446759 | 14.11 | 11.637 | 6.01583333 | 13.24 | 5.1962 |
| 5.65321759 | 14.58 | 26.3817 | 5.83458333 | 14.12 | 11.1005 | 6.01594907 | 13.26 | 5.2044 |
| 5.65333333 | 14.58 | 26.5907 | 5.83469907 | 14.12 | 11.2409 | 6.01606482 | 13.24 | 5.1859 |
| 5.65344907 | 14.58 | 26.6949 | 5.83481482 | 14.11 | 11.3134 | 6.01618056 | 13.26 | 5.1989 |
| 5.65356482 | 14.56 | 26.8165 | 5.83493056 | 14.12 | 11.4613 | 6.0162963 | 13.24 | 5.1998 |
| 5.65368056 | 14.56 | 26.7966 | 5.8350463 | 14.12 | 11.09 | 6.01641204 | 13.24 | 5.204 |
| 5.6537963 | 14.58 | 26.2275 | 5.83516204 | 14.12 | 11.4262 | 6.01652778 | 13.24 | 5.195 |
| 5.65391204 | 14.58 | 26.5515 | 5.83527778 | 14.14 | 11.831 | 6.01664352 | 13.26 | 5.1802 |
| 5.65402778 | 14.58 | 26.4205 | 5.83539352 | 14.14 | 12.4635 | 6.01675926 | 13.24 | 5.1944 |
| 5.65414352 | 14.58 | 26.5655 | 5.83550926 | 14.12 | 11.7179 | 6.016875 | 13.26 | 5.1887 |
| 5.65425926 | 14.58 | 26.3512 | 5.835625 | 14.11 | 11.1427 | 6.01699074 | 13.24 | 5.1944 |
| 5.654375 | 14.58 | 26.451 | 5.83574074 | 14.12 | 11.8979 | 6.01710648 | 13.24 | 5.1926 |
| 5.65449074 | 14.58 | 26.4149 | 5.83585648 | 14.16 | 13.7918 | 6.01722222 | 13.24 | 5.1841 |
| 5.65460648 | 14.58 | 26.4956 | 5.83597222 | 14.2 | 18.7057 | 6.01733796 | 13.24 | 5.1914 |
| 5.65472222 | 14.58 | 26.5543 | 5.83608796 | 14.16 | 12.8027 | 6.0174537 | 13.24 | 5.1932 |
| 5.65483796 | 14.58 | 26.6019 | 5.8362037 | 14.19 | 15.3832 | 6.01756944 | 13.24 | 5.1914 |
| 5.6549537 | 14.62 | 24.7605 | 5.83631944 | 14.2 | 16.0085 | 6.01768519 | 13.24 | 5.1932 |
| 5.65506944 | 14.73 | 21.4799 | 5.83643519 | 14.18 | 13.2099 | 6.01780093 | 13.26 | 5.1989 |
| 5.65518519 | 14.56 | 26.8451 | 5.83655093 | 14.22 | 15.7861 | 6.01791667 | 13.24 | 5.1932 |
| 5.65530093 | 14.56 | 26.7881 | 5.83666667 | 14.18 | 13.562 | 6.01803241 | 13.24 | 5.198 |
| 5.65541667 | 14.55 | 26.8234 | 5.83678241 | 14.19 | 14.0468 | 6.01814815 | 13.24 | 5.192 |
| 5.65553241 | 14.56 | 26.5623 | 5.83689815 | 14.22 | 15.2051 | 6.01826389 | 13.24 | 5.1895 |
| 5.65564815 | 14.62 | 24.7235 | 5.83701389 | 14.22 | 17.9116 | 6.01837963 | 13.24 | 5.1926 |
| 5.65576389 | 14.64 | 24.0103 | 5.83712963 | 14.25 | 16.4811 | 6.01849537 | 13.24 | 5.1895 |
| 5.65587963 | 14.6 | 25.6241 | 5.83724537 | 14.23 | 15.4987 | 6.01861111 | 13.24 | 5.1877 |
| 5.65599537 | 14.58 | 26.4205 | 5.83736111 | 14.25 | 15.9238 | 6.01872685 | 13.24 | 5.1793 |
| 5.65611111 | 14.6 | 25.6689 | 5.83747685 | 14.26 | 16.5408 | 6.01884259 | 13.24 | 5.1672 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65622685 | 14.67 | 23.289 | 5.83759259 | 14.23 | 14.9325 | 6.01895833 | 13.24 | 5.1714 |
| 5.65634259 | 14.58 | 26.2549 | 5.83770833 | 14.19 | 12.4116 | 6.01907407 | 13.24 | 5.1696 |
| 5.65645833 | 14.58 | 26.3044 | 5.83782407 | 14.19 | 12.242 | 6.01918982 | 13.24 | 5.1944 |
| 5.65657407 | 14.56 | 26.6889 | 5.83793982 | 14.22 | 13.8357 | 6.01930556 | 13.24 | 5.169 |
| 5.65668982 | 14.55 | 26.7921 | 5.83805556 | 14.26 | 15.5982 | 6.0194213 | 13.24 | 5.1558 |
| 5.65680556 | 14.56 | 26.3841 | 5.8381713 | 14.22 | 13.0112 | 6.01953704 | 13.24 | 5.2034 |
| 5.6569213 | 14.58 | 26.2631 | 5.83828704 | 14.22 | 13.1461 | 6.01965278 | 13.24 | 5.172 |
| 5.65703704 | 14.55 | 26.7921 | 5.83840278 | 14.26 | 14.5159 | 6.01976852 | 13.24 | 5.1702 |
| 5.65715278 | 14.53 | 26.9833 | 5.83851852 | 14.23 | 13.4826 | 6.01988426 | 13.26 | 5.1953 |
| 5.65726852 | 14.56 | 26.4952 | 5.83863426 | 14.26 | 13.1528 | 6.02 | 13.24 | 5.1841 |
| 5.65738426 | 14.53 | 27.0468 | 5.83875 | 14.27 | 13.535 | 6.02011574 | 13.24 | 5.1654 |
| 5.6575 | 14.55 | 26.7893 | 5.83886574 | 14.26 | 13.5069 | 6.02023148 | 13.24 | 5.1811 |
| 5.65761574 | 14.55 | 26.8234 | 5.83898148 | 14.27 | 13.4113 | 6.02034722 | 13.24 | 5.1895 |
| 5.65773148 | 14.64 | 23.3113 | 5.83909722 | 14.29 | 13.5259 | 6.02046296 | 13.24 | 5.1835 |
| 5.65784722 | 14.58 | 26.5207 | 5.83921296 | 14.3 | 13.7665 | 6.0205787 | 13.26 | 5.1935 |
| 5.65796296 | 14.58 | 25.7693 | 5.8393287 | 14.27 | 13.1026 | 6.02069444 | 13.24 | 5.2174 |
| 5.6580787 | 14.58 | 25.9912 | 5.83944444 | 14.27 | 14.3292 | 6.02081019 | 13.24 | 5.1883 |
| 5.65819444 | 14.67 | 22.0926 | 5.83956019 | 14.27 | 13.7473 | 6.02092593 | 13.26 | 5.2165 |
| 5.65831019 | 14.78 | 17.944 | 5.83967593 | 14.29 | 13.6415 | 6.02104167 | 13.24 | 5.1757 |
| 5.65842593 | 14.78 | 19.4246 | 5.83979167 | 14.29 | 13.8064 | 6.02115741 | 13.26 | 5.2413 |
| 5.65854167 | 14.67 | 24.2109 | 5.83990741 | 14.3 | 14.7161 | 6.02127315 | 13.24 | 5.1835 |
| 5.65865741 | 14.66 | 24.1744 | 5.84002315 | 14.29 | 14.3162 | 6.02138889 | 13.24 | 5.2362 |
| 5.65877315 | 14.64 | 24.344 | 5.84013889 | 14.3 | 15.9548 | 6.02150463 | 13.24 | 5.1552 |
| 5.65888889 | 14.66 | 23.7985 | 5.84025463 | 14.27 | 15.3528 | 6.02162037 | 13.24 | 5.169 |
| 5.65900463 | 14.64 | 24.6788 | 5.84037037 | 14.36 | 21.9734 | 6.02173611 | 13.26 | 5.1832 |
| 5.65912037 | 14.6 | 25.5717 | 5.84048611 | 14.33 | 19.4971 | 6.02185185 | 13.26 | 5.1682 |
| 5.65923611 | 14.62 | 25.1614 | 5.84060185 | 14.34 | 21.011 | 6.02196759 | 13.26 | 5.1718 |
| 5.65935185 | 14.64 | 24.344 | 5.84071759 | 14.33 | 18.4674 | 6.02208333 | 13.26 | 5.1651 |
| 5.65946759 | 14.6 | 25.5927 | 5.84083333 | 14.26 | 16.6208 | 6.02219907 | 13.24 | 5.2089 |
| 5.65958333 | 14.6 | 25.6005 | 5.84094907 | 14.3 | 17.2873 | 6.02231482 | 13.24 | 5.2107 |
| 5.65969907 | 14.64 | 23.8453 | 5.84106482 | 14.27 | 16.589 | 6.02243056 | 13.24 | 5.2071 |
| 5.65981482 | 14.71 | 21.4122 | 5.84118056 | 14.29 | 17.8822 | 6.0225463 | 13.24 | 5.2168 |
| 5.65993056 | 14.63 | 25.2161 | 5.8412963 | 14.26 | 15.9022 | 6.02266204 | 13.24 | 5.2162 |
| 5.6600463 | 14.6 | 25.9832 | 5.84141204 | 14.2 | 13.2791 | 6.02277778 | 13.24 | 5.2083 |
| 5.66016204 | 14.59 | 25.998 | 5.84152778 | 14.22 | 14.4276 | 6.02289352 | 13.26 | 5.3532 |
| 5.66027778 | 14.59 | 25.7547 | 5.84164352 | 14.3 | 20.5961 | 6.02300926 | 13.26 | 5.2213 |
| 5.66039352 | 14.6 | 25.7614 | 5.84175926 | 14.25 | 17.4052 | 6.023125 | 13.24 | 5.1944 |
| 5.66050926 | 14.6 | 25.4934 | 5.841875 | 14.23 | 18.2488 | 6.02324074 | 13.26 | 5.2262 |
| 5.660625 | 14.6 | 25.0578 | 5.84199074 | 14.19 | 13.2011 | 6.02335648 | 13.26 | 5.4254 |
| 5.66074074 | 14.59 | 26.1961 | 5.84210648 | 14.22 | 14.3431 | 6.02347222 | 13.26 | 5.2876 |
| 5.66085648 | 14.59 | 26.0927 | 5.84222222 | 14.19 | 13.5008 | 6.02358796 | 13.24 | 5.2477 |
| 5.66097222 | 14.59 | 25.9415 | 5.84233796 | 14.16 | 12.3525 | 6.0237037 | 13.24 | 5.1708 |
| 5.66108796 | 14.59 | 25.8318 | 5.8424537 | 14.23 | 14.4662 | 6.02381944 | 13.27 | 5.498 |
| 5.6612037 | 14.6 | 25.6873 | 5.84256944 | 14.16 | 12.6566 | 6.02393519 | 13.26 | 5.2778 |
| 5.66131944 | 14.55 | 26.9149 | 5.84268519 | 14.16 | 12.5747 | 6.02405093 | 13.27 | 5.3647 |
| 5.66143519 | 14.55 | 27.0648 | 5.84280093 | 14.18 | 13.0161 | 6.02416667 | 13.26 | 5.298 |
| 5.66155093 | 14.58 | 26.3955 | 5.84291667 | 14.18 | 13.197 | 6.02428241 | 13.26 | 5.2864 |
| 5.66166667 | 14.59 | 26.177 | 5.84303241 | 14.19 | 13.5901 | 6.02439815 | 13.24 | 5.1817 |
| 5.66178241 | 14.59 | 25.9872 | 5.84314815 | 14.22 | 13.7441 | 6.02451389 | 13.26 | 5.2833 |
| 5.66189815 | 14.56 | 26.5539 | 5.84326389 | 14.16 | 12.4653 | 6.02462963 | 13.26 | 5.2116 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66201389 | 14.56 | 26.9396 | 5.84337963 | 14.18 | 13.6483 | 6.02474537 | 13.24 | 5.2277 |
| 5.66212963 | 14.58 | 26.0776 | 5.84349537 | 14.2 | 14.3858 | 6.02486111 | 13.26 | 5.387 |
| 5.66224537 | 14.56 | 26.9137 | 5.84361111 | 14.18 | 13.3043 | 6.02497685 | 13.26 | 5.2195 |
| 5.66236111 | 14.59 | 26.0981 | 5.84372685 | 14.2 | 17.3305 | 6.02509259 | 13.26 | 5.1766 |
| 5.66247685 | 14.59 | 26.0899 | 5.84384259 | 14.22 | 19.2435 | 6.02520833 | 13.26 | 5.1838 |
| 5.66259259 | 14.59 | 26.2811 | 5.84395833 | 14.29 | 20.7213 | 6.02532407 | 13.26 | 5.1989 |
| 5.66270833 | 14.59 | 26.3362 | 5.84407407 | 14.36 | 22.6656 | 6.02543982 | 13.26 | 5.1627 |
| 5.66282407 | 14.56 | 26.8108 | 5.84418982 | 14.37 | 24.1513 | 6.02555556 | 13.24 | 5.28 |
| 5.66293982 | 14.56 | 26.8051 | 5.84430556 | 14.37 | 23.3467 | 6.0256713 | 13.24 | 5.2319 |
| 5.66305556 | 14.56 | 26.9568 | 5.8444213 | 14.31 | 21.4316 | 6.02578704 | 13.24 | 5.2107 |
| 5.6631713 | 14.55 | 27.0706 | 5.84453704 | 14.37 | 23.6759 | 6.02590278 | 13.26 | 5.211 |
| 5.66328704 | 14.53 | 27.2213 | 5.84465278 | 14.26 | 16.6934 | 6.02601852 | 13.26 | 5.2304 |
| 5.66340278 | 14.55 | 27.0648 | 5.84476852 | 14.29 | 19.0929 | 6.02613426 | 13.26 | 5.3378 |
| 5.66351852 | 14.56 | 26.9223 | 5.84488426 | 14.23 | 14.5433 | 6.02625 | 13.24 | 5.2586 |
| 5.66363426 | 14.56 | 26.8023 | 5.845 | 14.22 | 14.8106 | 6.02636574 | 13.26 | 5.2876 |
| 5.66375 | 14.56 | 26.72 | 5.84511574 | 14.27 | 19.1123 | 6.02648148 | 13.26 | 5.3914 |
| 5.66386574 | 14.55 | 26.9637 | 5.84523148 | 14.22 | 16.0066 | 6.02659722 | 13.26 | 5.273 |
| 5.66398148 | 14.58 | 26.4566 | 5.84534722 | 14.2 | 14.7074 | 6.02671296 | 13.26 | 5.2998 |
| 5.66409722 | 14.58 | 26.4761 | 5.84546296 | 14.23 | 15.8769 | 6.0268287 | 13.26 | 5.449 |
| 5.66421296 | 14.56 | 26.8479 | 5.8455787 | 14.37 | 22.9054 | 6.02694444 | 13.26 | 5.3427 |
| 5.6643287 | 14.58 | 26.5767 | 5.84569444 | 14.37 | 22.0975 | 6.02706019 | 13.26 | 5.2468 |
| 5.66444444 | 14.58 | 26.5179 | 5.84581019 | 14.29 | 18.3052 | 6.02717593 | 13.27 | 5.3635 |
| 5.66456019 | 14.56 | 26.737 | 5.84592593 | 14.25 | 16.4434 | 6.02729167 | 13.26 | 5.339 |
| 5.66467593 | 14.58 | 26.6893 | 5.84604167 | 14.26 | 18.2555 | 6.02740741 | 13.26 | 5.2541 |
| 5.66479167 | 14.59 | 26.3307 | 5.84615741 | 14.27 | 19.5419 | 6.02752315 | 13.26 | 5.3938 |
| 5.66490741 | 14.59 | 26.4387 | 5.84627315 | 14.22 | 15.0037 | 6.02763889 | 13.26 | 5.3476 |
| 5.66502315 | 14.58 | 26.6076 | 5.84638889 | 14.19 | 14.5294 | 6.02775463 | 13.24 | 5.2277 |
| 5.66513889 | 14.58 | 26.6385 | 5.84650463 | 14.2 | 13.7809 | 6.02787037 | 13.24 | 5.2343 |
| 5.66525463 | 14.58 | 26.7999 | 5.84662037 | 14.26 | 17.1432 | 6.02798611 | 13.23 | 5.2533 |
| 5.66537037 | 14.58 | 26.7063 | 5.84673611 | 14.2 | 13.7456 | 6.02810185 | 13.24 | 5.2513 |
| 5.66548611 | 14.56 | 26.7313 | 5.84685185 | 14.26 | 16.2392 | 6.02821759 | 13.28 | 6.3029 |
| 5.66560185 | 14.58 | 26.4427 | 5.84696759 | 14.26 | 17.7841 | 6.02833333 | 13.31 | 5.4992 |
| 5.66571759 | 14.58 | 26.5627 | 5.84708333 | 14.22 | 13.2498 | 6.02844907 | 13.24 | 5.3997 |
| 5.66583333 | 14.56 | 26.9281 | 5.84719907 | 14.33 | 22.1384 | 6.02856482 | 13.23 | 5.2728 |
| 5.66594907 | 14.59 | 26.1307 | 5.84731482 | 14.27 | 18.7611 | 6.02868056 | 13.22 | 0.1862 |
| 5.66606482 | 14.58 | 26.4066 | 5.84743056 | 14.26 | 17.8759 | 6.0287963 | 13.15 | 0.1865 |
| 5.66618056 | 14.59 | 26.3638 | 5.8475463 | 14.25 | 16.9 | 6.02891204 | 13.12 | 0.1811 |
| 5.6662963 | 14.58 | 26.2741 | 5.84766204 | 14.3 | 21.7161 | 6.02902778 | 13.09 | 0.1321 |
| 5.66641204 | 14.6 | 26.0995 | 5.84777778 | 14.23 | 15.3517 | 6.02914352 | 13.09 | 0.1248 |
| 5.66652778 | 14.6 | 26.048 | 5.84789352 | 14.25 | 16.287 | 6.02925926 | 13.08 | 0.1337 |
| 5.66664352 | 14.6 | 26.1676 | 5.84800926 | 14.31 | 21.1159 | 6.029375 | 13.46 | 8.6652 |
| 5.66675926 | 14.6 | 26.2277 | 5.848125 | 14.31 | 20.7755 | 6.02949074 | 13.65 | 14.7921 |
| 5.666875 | 14.62 | 26.1106 | 5.84824074 | 14.26 | 14.3261 | 6.02960648 | 13.53 | 9.209 |
| 5.66699074 | 14.62 | 26.1106 | 5.84835648 | 14.34 | 22.8526 | 6.02972222 | 13.52 | 8.6642 |
| 5.66710648 | 14.63 | 26.0713 | 5.84847222 | 14.27 | 17.1197 | 6.02983796 | 13.52 | 8.3674 |
| 5.66722222 | 14.63 | 26.0145 | 5.84858796 | 14.23 | 14.1345 | 6.0299537 | 13.49 | 8.0371 |
| 5.66733796 | 14.63 | 26.0713 | 5.8487037 | 14.27 | 17.8886 | 6.03006944 | 13.52 | 8.0253 |
| 5.6674537 | 14.62 | 26.1842 | 5.84881944 | 14.26 | 16.9777 | 6.03018519 | 13.5 | 7.5641 |
| 5.66756944 | 14.62 | 26.1542 | 5.84893519 | 14.16 | 11.7167 | 6.03030093 | 13.46 | 7.0037 |
| 5.66768519 | 14.6 | 26.3903 | 5.84905093 | 14.19 | 13.1595 | 6.03041667 | 13.61 | 10.2669 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66780093 | 14.6 | 26.4014 | 5.84916667 | 14.16 | 11.7663 | 6.03053241 | 13.5 | 7.5214 |
| 5.66791667 | 14.56 | 26.8194 | 5.84928241 | 14.19 | 13.4671 | 6.03064815 | 13.46 | 7.0263 |
| 5.66803241 | 14.59 | 26.5167 | 5.84939815 | 14.18 | 13.5914 | 6.03076389 | 13.53 | 8.5478 |
| 5.66814815 | 14.59 | 26.486 | 5.84951389 | 14.12 | 11.3794 | 6.03087963 | 13.63 | 10.4473 |
| 5.66826389 | 14.59 | 26.386 | 5.84962963 | 14.15 | 13.0103 | 6.03099537 | 13.57 | 8.3265 |
| 5.66837963 | 14.58 | 26.5851 | 5.84974537 | 14.16 | 13.5908 | 6.03111111 | 13.63 | 7.595 |
| 5.66849537 | 14.58 | 26.7715 | 5.84986111 | 14.14 | 11.8998 | 6.03122685 | 13.61 | 7.6319 |
| 5.66861111 | 14.6 | 26.4569 | 5.84997685 | 14.19 | 15.7325 | 6.03134259 | 13.61 | 7.478 |
| 5.66872685 | 14.58 | 26.7317 | 5.85009259 | 14.15 | 12.9448 | 6.03145833 | 13.6 | 7.4346 |
| 5.66884259 | 14.59 | 26.6176 | 5.85020833 | 14.15 | 12.5294 | 6.03157407 | 13.63 | 8.0499 |
| 5.66895833 | 14.59 | 26.6401 | 5.85032407 | 14.14 | 12.3169 | 6.03168982 | 13.64 | 8.1657 |
| 5.66907407 | 14.59 | 26.4609 | 5.85043982 | 14.14 | 12.3937 | 6.03180556 | 13.71 | 8.8215 |
| 5.66918982 | 14.58 | 26.6526 | 5.85055556 | 14.15 | 13.0018 | 6.0319213 | 13.68 | 8.7597 |
| 5.66930556 | 14.56 | 27.0144 | 5.8506713 | 14.15 | 12.6184 | 6.03203704 | 13.75 | 9.6515 |
| 5.6694213 | 14.56 | 26.8593 | 5.85078704 | 14.15 | 13.0251 | 6.03215278 | 13.67 | 8.5752 |
| 5.66953704 | 14.58 | 26.837 | 5.85090278 | 14.18 | 14.5378 | 6.03226852 | 13.53 | 7.0901 |
| 5.66965278 | 14.56 | 26.8622 | 5.85101852 | 14.15 | 13.7061 | 6.03238426 | 13.6 | 8.3866 |
| 5.66976852 | 14.55 | 27.03 | 5.85113426 | 14.14 | 12.8365 | 6.0325 | 13.46 | 6.5517 |
| 5.66988426 | 14.56 | 26.9856 | 5.85125 | 14.15 | 13.6709 | 6.03261574 | 13.48 | 6.7494 |
| 5.67 | 14.56 | 26.8708 | 5.85136574 | 14.18 | 13.8079 | 6.03273148 | 13.38 | 6.0697 |
| 5.67011574 | 14.58 | 26.7516 | 5.85148148 | 14.23 | 18.7481 | 6.03284722 | 13.53 | 10.1132 |
| 5.67023148 | 14.58 | 26.6526 | 5.85159722 | 14.26 | 19.6356 | 6.03296296 | 13.56 | 9.1493 |
| 5.67034722 | 14.59 | 26.6317 | 5.85171296 | 14.25 | 19.0023 | 6.0330787 | 13.43 | 7.2319 |
| 5.67046296 | 14.58 | 26.7204 | 5.8518287 | 14.3 | 21.4771 | 6.03319444 | 13.37 | 6.372 |
| 5.6705787 | 14.56 | 26.8422 | 5.85194444 | 14.33 | 22.1525 | 6.03331019 | 13.46 | 7.3126 |
| 5.67069444 | 14.58 | 26.6723 | 5.85206019 | 14.38 | 25.4506 | 6.03342593 | 13.37 | 6.3372 |
| 5.67081019 | 14.56 | 26.9223 | 5.85217593 | 14.33 | 21.8558 | 6.03354167 | 13.49 | 8.681 |
| 5.67092593 | 14.56 | 26.8165 | 5.85229167 | 14.34 | 19.905 | 6.03365741 | 13.37 | 6.4015 |
| 5.67104167 | 14.58 | 26.7346 | 5.85240741 | 14.29 | 20.4334 | 6.03377315 | 13.32 | 6.0632 |
| 5.67115741 | 14.58 | 26.7176 | 5.85252315 | 14.37 | 24.6637 | 6.03388889 | 13.35 | 6.3541 |
| 5.67127315 | 14.58 | 26.7204 | 5.85263889 | 14.29 | 21.999 | 6.03400463 | 13.43 | 8.143 |
| 5.67138889 | 14.58 | 26.7488 | 5.85275463 | 14.33 | 22.9439 | 6.03412037 | 13.32 | 6.2705 |
| 5.67150463 | 14.58 | 26.6723 | 5.85287037 | 14.37 | 24.2055 | 6.03423611 | 13.35 | 6.8645 |
| 5.67162037 | 14.56 | 27.0087 | 5.85298611 | 14.25 | 19.2542 | 6.03435185 | 13.32 | 6.1238 |
| 5.67173611 | 14.56 | 26.8365 | 5.85310185 | 14.37 | 22.8627 | 6.03446759 | 13.35 | 6.4752 |
| 5.67185185 | 14.55 | 26.9063 | 5.85321759 | 14.26 | 17.2418 | 6.03458333 | 13.37 | 6.5726 |
| 5.67196759 | 14.56 | 26.7994 | 5.85333333 | 14.27 | 20.3948 | 6.03469907 | 13.38 | 6.8119 |
| 5.67208333 | 14.56 | 26.8251 | 5.85344907 | 14.27 | 19.3744 | 6.03481482 | 13.35 | 6.4379 |
| 5.67219907 | 14.55 | 26.9436 | 5.85356482 | 14.25 | 17.0945 | 6.03493056 | 13.3 | 5.9489 |
| 5.67231482 | 14.55 | 26.9609 | 5.85368056 | 14.22 | 14.9529 | 6.0350463 | 13.53 | 9.7522 |
| 5.67243056 | 14.55 | 26.9321 | 5.8537963 | 14.09 | 10.9288 | 6.03516204 | 13.39 | 6.8495 |
| 5.6725463 | 14.56 | 26.8622 | 5.85391204 | 14.15 | 12.326 | 6.03527778 | 13.32 | 6.4983 |
| 5.67266204 | 14.55 | 26.9436 | 5.85402778 | 14.18 | 12.4877 | 6.03539352 | 13.34 | 6.497 |
| 5.67277778 | 14.55 | 26.9522 | 5.85414352 | 14.2 | 13.0539 | 6.03550926 | 13.37 | 6.975 |
| 5.67289352 | 14.56 | 26.7143 | 5.85425926 | 14.23 | 13.932 | 6.035625 | 13.32 | 6.5973 |
| 5.67300926 | 14.59 | 26.5391 | 5.854375 | 14.26 | 14.4299 | 6.03574074 | 13.3 | 6.119 |
| 5.673125 | 14.58 | 26.6498 | 5.85449074 | 14.25 | 13.4399 | 6.03585648 | 13.24 | 5.7573 |
| 5.67324074 | 14.58 | 26.6104 | 5.85460648 | 14.27 | 15.3649 | 6.03597222 | 13.32 | 7.0665 |
| 5.67335648 | 14.58 | 26.5571 | 5.85472222 | 14.25 | 13.7511 | 6.03608796 | 13.27 | 6.5214 |
| 5.67347222 | 14.58 | 26.7289 | 5.85483796 | 14.25 | 12.7804 | 6.0362037 | 13.74 | 16.4587 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67358796 | 14.58 | 26.6413 | 5.8549537 | 14.33 | 19.1668 | 6.03631944 | 13.7 | 14.6087 |
| 5.6737037 | 14.56 | 26.7852 | 5.85506944 | 14.31 | 19.2901 | 6.03643519 | 13.5 | 9.2984 |
| 5.67381944 | 14.56 | 26.8622 | 5.85518519 | 14.29 | 16.3928 | 6.03655093 | 13.48 | 10.3395 |
| 5.67393519 | 14.56 | 26.8165 | 5.85530093 | 14.29 | 18.5954 | 6.03666667 | 13.49 | 10.1191 |
| 5.67405093 | 14.56 | 26.7795 | 5.85541667 | 14.33 | 19.3429 | 6.03678241 | 13.57 | 12.1598 |
| 5.67416667 | 14.56 | 26.8736 | 5.85553241 | 14.33 | 21.5217 | 6.03689815 | 13.46 | 8.4 |
| 5.67428241 | 14.56 | 26.7767 | 5.85564815 | 14.33 | 20.1124 | 6.03701389 | 13.37 | 6.9794 |
| 5.67439815 | 14.55 | 26.8462 | 5.85576389 | 14.34 | 20.8264 | 6.03712963 | 13.39 | 7.5231 |
| 5.67451389 | 14.56 | 26.7881 | 5.85587963 | 14.4 | 24.0555 | 6.03724537 | 13.52 | 10.2808 |
| 5.67462963 | 14.56 | 26.7597 | 5.85599537 | 14.36 | 22.1676 | 6.03736111 | 13.38 | 6.8958 |
| 5.67474537 | 14.56 | 26.8165 | 5.85611111 | 14.41 | 25.0466 | 6.03747685 | 13.34 | 6.1742 |
| 5.67486111 | 14.55 | 26.8748 | 5.85622685 | 14.4 | 23.0576 | 6.03759259 | 13.45 | 10.1123 |
| 5.67497685 | 14.55 | 26.9494 | 5.85634259 | 14.41 | 24.3633 | 6.03770833 | 13.38 | 7.1142 |
| 5.67509259 | 14.53 | 27.1309 | 5.85645833 | 14.38 | 23.7585 | 6.03782407 | 13.38 | 7.1156 |
| 5.67520833 | 14.53 | 27.0439 | 5.85657407 | 14.41 | 24.8992 | 6.03793982 | 13.31 | 6.021 |
| 5.67532407 | 14.55 | 26.9379 | 5.85668982 | 14.41 | 24.033 | 6.03805556 | 13.56 | 12.4969 |
| 5.67543982 | 14.55 | 26.9839 | 5.85680556 | 14.41 | 25.4465 | 6.0381713 | 13.5 | 10.2401 |
| 5.67555556 | 14.55 | 26.9666 | 5.8569213 | 14.42 | 25.6481 | 6.03828704 | 13.37 | 7.0034 |
| 5.6756713 | 14.55 | 26.9781 | 5.85703704 | 14.42 | 25.6246 | 6.03840278 | 13.49 | 11.0065 |
| 5.67578704 | 14.55 | 26.9407 | 5.85715278 | 14.41 | 24.8819 | 6.03851852 | 13.3 | 6.103 |
| 5.67590278 | 14.55 | 27.0329 | 5.85726852 | 14.41 | 24.6726 | 6.03863426 | 13.52 | 10.6128 |
| 5.67601852 | 14.55 | 26.9695 | 5.85738426 | 14.4 | 23.6531 | 6.03875 | 13.38 | 7.7714 |
| 5.67613426 | 14.55 | 26.9752 | 5.8575 | 14.4 | 22.7686 | 6.03886574 | 13.74 | 17.0441 |
| 5.67625 | 14.53 | 27.0468 | 5.85761574 | 14.42 | 24.3213 | 6.03898148 | 13.49 | 8.6626 |
| 5.67636574 | 14.53 | 27.0845 | 5.85773148 | 14.38 | 22.0558 | 6.03909722 | 13.41 | 8.6092 |
| 5.67648148 | 14.53 | 27.0035 | 5.85784722 | 14.4 | 23.4019 | 6.03921296 | 13.64 | 13.956 |
| 5.67659722 | 14.53 | 27.0295 | 5.85796296 | 14.41 | 23.647 | 6.0393287 | 13.56 | 11.1452 |
| 5.67671296 | 14.52 | 27.2547 | 5.8580787 | 14.34 | 18.9225 | 6.03944444 | 13.52 | 11.4364 |
| 5.6768287 | 14.53 | 26.9574 | 5.85819444 | 14.33 | 20.0902 | 6.03956019 | 13.43 | 8.2903 |
| 5.67694444 | 14.56 | 26.2081 | 5.85831019 | 14.29 | 16.0384 | 6.03967593 | 13.3 | 5.8926 |
| 5.67706019 | 14.56 | 26.5679 | 5.85842593 | 14.29 | 14.1589 | 6.03979167 | 13.5 | 11.5941 |
| 5.67717593 | 14.58 | 26.2934 | 5.85854167 | 14.37 | 20.7489 | 6.03990741 | 13.31 | 6.112 |
| 5.67729167 | 14.59 | 26.2016 | 5.85865741 | 14.41 | 23.3825 | 6.04002315 | 13.61 | 13.7345 |
| 5.67740741 | 14.59 | 25.9926 | 5.85877315 | 14.41 | 23.0473 | 6.04013889 | 13.3 | 6.3098 |
| 5.67752315 | 14.62 | 25.5168 | 5.85888889 | 14.31 | 14.556 | 6.04025463 | 13.32 | 7.0849 |
| 5.67763889 | 14.58 | 26.4455 | 5.85900463 | 14.31 | 15.4255 | 6.04037037 | 13.45 | 9.2541 |
| 5.67775463 | 14.56 | 26.5959 | 5.85912037 | 14.31 | 16.8245 | 6.04048611 | 13.28 | 5.9474 |
| 5.67787037 | 14.59 | 25.8825 | 5.85923611 | 14.4 | 22.5796 | 6.04060185 | 13.46 | 10.6294 |
| 5.67798611 | 14.58 | 26.6048 | 5.85935185 | 14.36 | 18.3005 | 6.04071759 | 13.34 | 6.4506 |
| 5.67810185 | 14.56 | 26.8365 | 5.85946759 | 14.34 | 15.9661 | 6.04083333 | 13.37 | 8.0893 |
| 5.67821759 | 14.56 | 26.6184 | 5.85958333 | 14.38 | 22.1019 | 6.04094907 | 13.26 | 5.3023 |
| 5.67833333 | 14.55 | 26.8891 | 5.85969907 | 14.41 | 23.0885 | 6.04106482 | 13.43 | 9.8063 |
| 5.67844907 | 14.55 | 26.832 | 5.85981482 | 14.36 | 18.6763 | 6.04118056 | 13.37 | 7.4027 |
| 5.67856482 | 14.55 | 26.9006 | 5.85993056 | 14.38 | 21.7924 | 6.0412963 | 13.49 | 10.4416 |
| 5.67868056 | 14.55 | 26.9407 | 5.8600463 | 14.38 | 21.8928 | 6.04141204 | 13.48 | 9.9663 |
| 5.6787963 | 14.55 | 27.1054 | 5.86016204 | 14.36 | 16.6782 | 6.04152778 | 13.37 | 6.9903 |
| 5.67891204 | 14.53 | 27.0179 | 5.86027778 | 14.37 | 19.1853 | 6.04164352 | 13.54 | 12.0585 |
| 5.67902778 | 14.55 | 27.0793 | 5.86039352 | 14.41 | 23.1843 | 6.04175926 | 13.35 | 6.1551 |
| 5.67914352 | 14.55 | 27.0069 | 5.86050926 | 14.38 | 20.2902 | 6.041875 | 13.32 | 6.2712 |
| 5.67925926 | 14.53 | 26.9977 | 5.860625 | 14.41 | 23.2698 | 6.04199074 | 13.37 | 7.0026 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.679375 | 14.56 | 26.6522 | 5.86074074 | 14.41 | 23.3426 | 6.04210648 | 13.43 | 8.4319 |
| 5.67949074 | 14.58 | 26.2631 | 5.86085648 | 14.44 | 24.8751 | 6.04222222 | 13.35 | 6.505 |
| 5.67960648 | 14.59 | 26.3777 | 5.86097222 | 14.44 | 25.3163 | 6.04233796 | 13.43 | 8.9545 |
| 5.67972222 | 14.58 | 26.5263 | 5.86108796 | 14.44 | 25.7217 | 6.0424537 | 13.45 | 8.5804 |
| 5.67983796 | 14.58 | 26.39 | 5.8612037 | 14.44 | 25.7798 | 6.04256944 | 13.34 | 6.0349 |
| 5.6799537 | 14.59 | 26.2208 | 5.86131944 | 14.44 | 25.614 | 6.04268519 | 13.38 | 7.5632 |
| 5.68006944 | 14.59 | 26.1661 | 5.86143519 | 14.44 | 25.6323 | 6.04280093 | 13.3 | 5.5784 |
| 5.68018519 | 14.59 | 26.4248 | 5.86155093 | 14.45 | 25.7467 | 6.04291667 | 13.48 | 9.2296 |
| 5.68030093 | 14.59 | 26.339 | 5.86166667 | 14.44 | 25.801 | 6.04303241 | 13.43 | 9.145 |
| 5.68041667 | 14.58 | 26.3209 | 5.86178241 | 14.44 | 25.7904 | 6.04314815 | 13.39 | 8.5417 |
| 5.68053241 | 14.58 | 26.3209 | 5.86189815 | 14.44 | 23.1446 | 6.04326389 | 13.41 | 8.0801 |
| 5.68064815 | 14.56 | 26.5707 | 5.86201389 | 14.44 | 25.6612 | 6.04337963 | 13.35 | 6.1632 |
| 5.68076389 | 14.56 | 26.6747 | 5.86212963 | 14.44 | 25.5931 | 6.04349537 | 13.35 | 6.5391 |
| 5.68087963 | 14.56 | 26.3675 | 5.86224537 | 14.42 | 24.5374 | 6.04361111 | 13.32 | 6.2184 |
| 5.68099537 | 14.56 | 26.5427 | 5.86236111 | 14.44 | 25.232 | 6.04372685 | 13.38 | 6.8987 |
| 5.68111111 | 14.56 | 26.3897 | 5.86247685 | 14.45 | 25.5552 | 6.04384259 | 13.39 | 6.9554 |
| 5.68122685 | 14.55 | 26.8719 | 5.86259259 | 14.44 | 25.283 | 6.04395833 | 13.46 | 9.7816 |
| 5.68134259 | 14.56 | 26.4285 | 5.86270833 | 14.42 | 25.3858 | 6.04407407 | 13.43 | 8.9409 |
| 5.68145833 | 14.56 | 26.5539 | 5.86282407 | 14.44 | 25.6533 | 6.04418982 | 13.37 | 6.3365 |
| 5.68157407 | 14.56 | 26.4813 | 5.86293982 | 14.45 | 25.6914 | 6.04430556 | 13.35 | 6.087 |
| 5.68168982 | 14.56 | 26.4174 | 5.86305556 | 14.45 | 25.6546 | 6.0444213 | 13.35 | 6.398 |
| 5.68180556 | 14.56 | 26.4924 | 5.8631713 | 14.45 | 25.652 | 6.04453704 | 13.32 | 5.8902 |
| 5.6819213 | 14.56 | 26.5455 | 5.86328704 | 14.45 | 25.6441 | 6.04465278 | 13.31 | 5.4115 |
| 5.68203704 | 14.56 | 26.5399 | 5.86340278 | 14.38 | 22.4893 | 6.04476852 | 13.31 | 5.364 |
| 5.68215278 | 14.56 | 26.5259 | 5.86351852 | 14.26 | 19.3697 | 6.04488426 | 13.3 | 5.2541 |
| 5.68226852 | 14.56 | 26.5595 | 5.86363426 | 14.42 | 25.5802 | 6.045 | 13.27 | 5.1224 |
| 5.68238426 | 14.56 | 26.5567 | 5.86375 | 14.4 | 23.4531 | 6.04511574 | 13.34 | 6.3804 |
| 5.6825 | 14.56 | 26.498 | 5.86386574 | 14.41 | 24.3442 | 6.04523148 | 13.3 | 5.4645 |
| 5.68261574 | 14.56 | 26.5623 | 5.86398148 | 14.44 | 25.3009 | 6.04534722 | 13.3 | 5.6056 |
| 5.68273148 | 14.56 | 26.5595 | 5.86409722 | 14.44 | 25.3599 | 6.04546296 | 13.37 | 7.0325 |
| 5.68284722 | 14.56 | 26.5483 | 5.86421296 | 14.44 | 25.3574 | 6.0455787 | 13.35 | 6.5677 |
| 5.68296296 | 14.55 | 26.5943 | 5.8643287 | 14.42 | 25.2297 | 6.04569444 | 13.32 | 5.9346 |
| 5.6830787 | 14.56 | 26.6072 | 5.86444444 | 14.41 | 24.7436 | 6.04581019 | 13.43 | 7.8111 |
| 5.68319444 | 14.55 | 26.6478 | 5.86456019 | 14.37 | 22.5179 | 6.04592593 | 13.3 | 5.7047 |
| 5.68331019 | 14.55 | 26.6788 | 5.86467593 | 14.29 | 17.9588 | 6.04604167 | 13.27 | 5.337 |
| 5.68342593 | 14.53 | 26.8372 | 5.86479167 | 14.29 | 18.2696 | 6.04615741 | 13.43 | 10.3049 |
| 5.68354167 | 14.55 | 26.6985 | 5.86490741 | 14.37 | 22.8393 | 6.04627315 | 13.34 | 7.2719 |
| 5.68365741 | 14.55 | 26.6929 | 5.86502315 | 14.37 | 22.5034 | 6.04638889 | 13.27 | 5.0442 |
| 5.68377315 | 14.55 | 26.6731 | 5.86513889 | 14.41 | 24.8744 | 6.04650463 | 13.32 | 6.829 |
| 5.68388889 | 14.55 | 26.6957 | 5.86525463 | 14.4 | 23.8769 | 6.04662037 | 13.38 | 8.2396 |
| 5.68400463 | 14.53 | 26.7038 | 5.86537037 | 14.34 | 19.4578 | 6.04673611 | 13.26 | 5.3538 |
| 5.68412037 | 14.55 | 26.7014 | 5.86548611 | 14.34 | 19.4627 | 6.04685185 | 13.24 | 5.5594 |
| 5.68423611 | 14.55 | 26.7552 | 5.86560185 | 14.36 | 20.8411 | 6.04696759 | 13.35 | 7.9262 |
| 5.68435185 | 14.53 | 26.7406 | 5.86571759 | 14.34 | 20.5288 | 6.04708333 | 13.28 | 5.4841 |
| 5.68446759 | 14.53 | 26.8286 | 5.86583333 | 14.37 | 21.8157 | 6.04719907 | 13.27 | 5.3052 |
| 5.68458333 | 14.53 | 26.7604 | 5.86594907 | 14.38 | 22.3657 | 6.04731482 | 13.37 | 7.7695 |
| 5.68469907 | 14.53 | 26.8087 | 5.86606482 | 14.38 | 22.677 | 6.04743056 | 13.3 | 5.5797 |
| 5.68481482 | 14.55 | 26.7552 | 5.86618056 | 14.38 | 22.5787 | 6.0475463 | 13.24 | 5.1938 |
| 5.68493056 | 14.53 | 26.7916 | 5.8662963 | 14.26 | 17.3369 | 6.04766204 | 13.24 | 5.1018 |
| 5.6850463 | 14.53 | 26.786 | 5.86641204 | 14.36 | 22.1798 | 6.04777778 | 13.26 | 5.248 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68516204 | 14.53 | 26.8173 | 5.86652778 | 14.38 | 22.7233 | 6.04789352 | 13.24 | 5.2788 |
| 5.68527778 | 14.53 | 26.8657 | 5.86664352 | 14.38 | 22.8739 | 6.04800926 | 13.27 | 6.2563 |
| 5.68539352 | 14.53 | 26.8343 | 5.86675926 | 14.38 | 23.1847 | 6.048125 | 13.32 | 6.3995 |
| 5.68550926 | 14.53 | 26.8401 | 5.866875 | 14.4 | 23.1619 | 6.04824074 | 13.31 | 6.6032 |
| 5.685625 | 14.52 | 26.8498 | 5.86699074 | 14.4 | 23.2034 | 6.04835648 | 13.26 | 5.2632 |
| 5.68574074 | 14.53 | 26.86 | 5.86710648 | 14.4 | 24.6252 | 6.04847222 | 13.27 | 5.8289 |
| 5.68585648 | 14.53 | 26.8315 | 5.86722222 | 14.41 | 23.4604 | 6.04858796 | 13.23 | 5.2813 |
| 5.68597222 | 14.52 | 26.8469 | 5.86733796 | 14.4 | 23.2626 | 6.0487037 | 13.28 | 6.1442 |
| 5.68608796 | 14.53 | 26.8173 | 5.8674537 | 14.41 | 23.9911 | 6.04881944 | 13.26 | 5.6934 |
| 5.6862037 | 14.52 | 26.8527 | 5.86756944 | 14.41 | 24.3633 | 6.04893519 | 13.34 | 7.6163 |
| 5.68631944 | 14.52 | 26.8327 | 5.86768519 | 14.42 | 23.8762 | 6.04905093 | 13.39 | 8.9612 |
| 5.68643519 | 14.52 | 26.8755 | 5.86780093 | 14.41 | 23.3095 | 6.04916667 | 13.35 | 7.0099 |
| 5.68655093 | 14.53 | 26.8657 | 5.86791667 | 14.38 | 22.5828 | 6.04928241 | 13.27 | 5.7041 |
| 5.68666667 | 14.52 | 26.9012 | 5.86803241 | 14.42 | 24.2713 | 6.04939815 | 13.3 | 6.372 |
| 5.68678241 | 14.52 | 26.9127 | 5.86814815 | 14.42 | 24.4698 | 6.04951389 | 13.26 | 5.7434 |
| 5.68689815 | 14.52 | 26.8698 | 5.86826389 | 14.42 | 24.0221 | 6.04962963 | 13.31 | 7.2055 |
| 5.68701389 | 14.52 | 26.9156 | 5.86837963 | 14.42 | 25.2374 | 6.04974537 | 13.24 | 5.3732 |
| 5.68712963 | 14.52 | 26.9242 | 5.86849537 | 14.42 | 25.7059 | 6.04986111 | 13.3 | 6.8562 |
| 5.68724537 | 14.51 | 26.8824 | 5.86861111 | 14.44 | 25.6638 | 6.04997685 | 13.23 | 5.1957 |
| 5.68736111 | 14.52 | 26.8898 | 5.86872685 | 14.42 | 25.6508 | 6.05009259 | 13.26 | 5.6941 |
| 5.68747685 | 14.52 | 26.8755 | 5.86884259 | 14.42 | 25.727 | 6.05020833 | 13.23 | 5.271 |
| 5.68759259 | 14.52 | 26.9127 | 5.86895833 | 14.42 | 24.9227 | 6.05032407 | 13.23 | 5.2363 |
| 5.68770833 | 14.52 | 26.8927 | 5.86907407 | 14.42 | 24.3953 | 6.05043982 | 13.23 | 5.6469 |
| 5.68782407 | 14.52 | 26.8927 | 5.86918982 | 14.44 | 25.5149 | 6.05055556 | 13.28 | 6.3152 |
| 5.68793982 | 14.52 | 26.8784 | 5.86930556 | 14.42 | 24.8037 | 6.0506713 | 13.34 | 7.8819 |
| 5.68805556 | 14.52 | 26.9586 | 5.8694213 | 14.42 | 24.6199 | 6.05078704 | 13.34 | 7.1186 |
| 5.6881713 | 14.52 | 26.9932 | 5.86953704 | 14.41 | 23.2985 | 6.05090278 | 13.41 | 8.0514 |
| 5.68828704 | 14.51 | 26.9972 | 5.86965278 | 14.41 | 23.5141 | 6.05101852 | 13.27 | 5.7207 |
| 5.68840278 | 14.51 | 27.0232 | 5.86976852 | 14.42 | 23.7935 | 6.05113426 | 13.23 | 5.2917 |
| 5.68851852 | 14.52 | 27.0047 | 5.86988426 | 14.41 | 23.8202 | 6.05125 | 13.2 | 5.1215 |
| 5.68863426 | 14.51 | 27.0781 | 5.87 | 14.42 | 23.9085 | 6.05136574 | 13.19 | 5.1312 |
| 5.68875 | 14.51 | 27.0607 | 5.87011574 | 14.42 | 23.7798 | 6.05148148 | 13.2 | 5.2916 |
| 5.68886574 | 14.51 | 27.0694 | 5.87023148 | 14.42 | 24.0431 | 6.05159722 | 13.2 | 5.291 |
| 5.68898148 | 14.51 | 27.052 | 5.87034722 | 14.41 | 23.3095 | 6.05171296 | 13.23 | 6.0921 |
| 5.68909722 | 14.49 | 27.1414 | 5.87046296 | 14.42 | 23.7204 | 6.0518287 | 13.27 | 6.9265 |
| 5.68921296 | 14.51 | 27.0984 | 5.8705787 | 14.42 | 23.4656 | 6.05194444 | 13.26 | 6.0368 |
| 5.6893287 | 14.51 | 27.0434 | 5.87069444 | 14.36 | 21.4135 | 6.05206019 | 13.2 | 5.0743 |
| 5.68944444 | 14.51 | 27.0665 | 5.87081019 | 14.4 | 22.6381 | 6.05217593 | 13.17 | 5.0699 |
| 5.68956019 | 14.49 | 27.0978 | 5.87092593 | 14.38 | 22.4686 | 6.05229167 | 13.2 | 5.7717 |
| 5.68967593 | 14.51 | 27.0636 | 5.87104167 | 14.38 | 22.5142 | 6.05240741 | 13.23 | 6.1683 |
| 5.68979167 | 14.51 | 27.026 | 5.87115741 | 14.4 | 23.1488 | 6.05252315 | 13.23 | 5.9564 |
| 5.68990741 | 14.51 | 27.0405 | 5.87127315 | 14.36 | 19.7841 | 6.05263889 | 13.17 | 5.2518 |
| 5.69002315 | 14.51 | 27.0059 | 5.87138889 | 14.4 | 23.2297 | 6.05275463 | 13.16 | 5.0957 |
| 5.69013889 | 14.51 | 26.9569 | 5.87150463 | 14.4 | 22.2461 | 6.05287037 | 13.24 | 6.8691 |
| 5.69025463 | 14.51 | 26.9972 | 5.87162037 | 14.4 | 22.4902 | 6.05298611 | 13.17 | 5.1936 |
| 5.69037037 | 14.51 | 27.026 | 5.87173611 | 14.4 | 22.6969 | 6.05310185 | 13.16 | 5.0647 |
| 5.69048611 | 14.51 | 27.0087 | 5.87185185 | 14.41 | 23.1189 | 6.05321759 | 13.2 | 5.8682 |
| 5.69060185 | 14.51 | 26.9828 | 5.87196759 | 14.42 | 23.3278 | 6.05333333 | 13.17 | 5.2275 |
| 5.69071759 | 14.51 | 26.9799 | 5.87208333 | 14.42 | 23.9779 | 6.05344907 | 13.13 | 5.0579 |
| 5.69083333 | 14.51 | 26.8881 | 5.87219907 | 14.41 | 23.7265 | 6.05356482 | 13.2 | 6.5864 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69094907 | 14.52 | 26.9012 | 5.87231482 | 14.42 | 23.9246 | 6.05368056 | 13.26 | 7.5349 |
| 5.69106482 | 14.52 | 26.9932 | 5.87243056 | 14.42 | 24.0012 | 6.0537963 | 13.16 | 5.1551 |
| 5.69118056 | 14.52 | 26.9989 | 5.8725463 | 14.42 | 24.1109 | 6.05391204 | 13.15 | 5.1812 |
| 5.6912963 | 14.51 | 27.0318 | 5.87266204 | 14.42 | 23.9108 | 6.05402778 | 13.32 | 9.6449 |
| 5.69141204 | 14.51 | 26.9454 | 5.87277778 | 14.42 | 24.2027 | 6.05414352 | 13.2 | 6.2745 |
| 5.69152778 | 14.49 | 27.0515 | 5.87289352 | 14.42 | 24.2003 | 6.05425926 | 13.16 | 5.4514 |
| 5.69164352 | 14.51 | 26.9886 | 5.87300926 | 14.42 | 23.8233 | 6.054375 | 13.13 | 5.1495 |
| 5.69175926 | 14.52 | 26.9672 | 5.873125 | 14.42 | 23.2485 | 6.05449074 | 13.16 | 6.2032 |
| 5.691875 | 14.51 | 27.0001 | 5.87324074 | 14.42 | 24.0782 | 6.05460648 | 13.17 | 6.0876 |
| 5.69199074 | 14.51 | 26.9914 | 5.87335648 | 14.42 | 24.0384 | 6.05472222 | 13.15 | 5.4242 |
| 5.69210648 | 14.51 | 27.0232 | 5.87347222 | 14.42 | 24.0782 | 6.05483796 | 13.15 | 5.5517 |
| 5.69222222 | 14.51 | 27.0116 | 5.87358796 | 14.42 | 24.0314 | 6.0549537 | 13.41 | 11.1307 |
| 5.69233796 | 14.51 | 26.9454 | 5.8737037 | 14.44 | 24.4235 | 6.05506944 | 13.17 | 5.219 |
| 5.6924537 | 14.51 | 27.0289 | 5.87381944 | 14.42 | 24.1838 | 6.05518519 | 13.53 | 13.741 |
| 5.69256944 | 14.51 | 27.0723 | 5.87393519 | 14.42 | 23.47 | 6.05530093 | 13.28 | 7.2505 |
| 5.69268519 | 14.51 | 27.0001 | 5.87405093 | 14.42 | 23.9849 | 6.05541667 | 13.19 | 5.4074 |
| 5.69280093 | 14.51 | 26.9828 | 5.87416667 | 14.42 | 24.1485 | 6.05553241 | 13.24 | 6.2592 |
| 5.69291667 | 14.51 | 26.9483 | 5.87428241 | 14.41 | 23.2742 | 6.05564815 | 13.27 | 7.5062 |
| 5.69303241 | 14.51 | 26.9771 | 5.87439815 | 14.42 | 24.288 | 6.05576389 | 13.17 | 5.3923 |
| 5.69314815 | 14.51 | 26.9139 | 5.87451389 | 14.42 | 24.0198 | 6.05587963 | 13.16 | 5.1913 |
| 5.69326389 | 14.51 | 26.9397 | 5.87462963 | 14.41 | 22.9075 | 6.05599537 | 13.16 | 5.5515 |
| 5.69337963 | 14.51 | 26.9483 | 5.87474537 | 14.4 | 22.3031 | 6.05611111 | 13.22 | 7.3374 |
| 5.69349537 | 14.52 | 26.9012 | 5.87486111 | 14.42 | 23.5597 | 6.05622685 | 13.17 | 5.5049 |
| 5.69361111 | 14.52 | 26.8955 | 5.87497685 | 14.41 | 22.9203 | 6.05634259 | 13.17 | 5.6487 |
| 5.69372685 | 14.52 | 26.8755 | 5.87509259 | 14.41 | 23.5388 | 6.05645833 | 13.22 | 5.8827 |
| 5.69384259 | 14.51 | 26.8567 | 5.87520833 | 14.41 | 23.1996 | 6.05657407 | 13.16 | 5.4005 |
| 5.69395833 | 14.52 | 26.9098 | 5.87532407 | 14.41 | 23.3803 | 6.05668982 | 13.26 | 7.1416 |
| 5.69407407 | 14.52 | 26.8955 | 5.87543982 | 14.41 | 23.0755 | 6.05680556 | 13.2 | 5.9874 |
| 5.69418982 | 14.51 | 26.9024 | 5.87555556 | 14.4 | 22.42 | 6.0569213 | 13.35 | 10.6269 |
| 5.69430556 | 14.52 | 26.8955 | 5.8756713 | 14.38 | 22.1421 | 6.05703704 | 13.31 | 8.1187 |
| 5.6944213 | 14.51 | 26.8795 | 5.87578704 | 14.4 | 22.4736 | 6.05715278 | 13.3 | 8.206 |
| 5.69453704 | 14.51 | 26.911 | 5.87590278 | 14.4 | 22.6109 | 6.05726852 | 13.28 | 8.1998 |
| 5.69465278 | 14.52 | 26.907 | 5.87601852 | 14.38 | 21.9323 | 6.05738426 | 13.32 | 8.6585 |
| 5.69476852 | 14.49 | 26.9249 | 5.87613426 | 14.41 | 22.9611 | 6.0575 | 13.3 | 7.6805 |
| 5.69488426 | 14.51 | 26.9627 | 5.87625 | 14.41 | 23.1428 | 6.05761574 | 13.3 | 8.057 |
| 5.695 | 14.51 | 26.9397 | 5.87636574 | 14.42 | 22.8057 | 6.05773148 | 13.6 | 16.7326 |
| 5.69511574 | 14.51 | 26.9972 | 5.87648148 | 14.42 | 22.8227 | 6.05784722 | 13.54 | 14.269 |
| 5.69523148 | 14.49 | 27.0688 | 5.87659722 | 14.42 | 22.8866 | 6.05796296 | 13.38 | 10.0623 |
| 5.69534722 | 14.51 | 26.9655 | 5.87671296 | 14.42 | 22.9016 | 6.0580787 | 13.42 | 10.5737 |
| 5.69546296 | 14.51 | 26.9857 | 5.8768287 | 14.42 | 22.9573 | 6.05819444 | 13.31 | 8.33 |
| 5.6955787 | 14.51 | 26.9886 | 5.87694444 | 14.42 | 22.9102 | 6.05831019 | 13.34 | 8.8526 |
| 5.69569444 | 14.49 | 27.0313 | 5.87706019 | 14.41 | 22.3977 | 6.05842593 | 13.7 | 17.5796 |
| 5.69581019 | 14.49 | 27.0631 | 5.87717593 | 14.42 | 23.209 | 6.05854167 | 13.45 | 10.3763 |
| 5.69592593 | 14.49 | 27.0688 | 5.87729167 | 14.42 | 23.3322 | 6.05865741 | 13.23 | 6.0104 |
| 5.69604167 | 14.49 | 27.0717 | 5.87740741 | 14.42 | 23.3322 | 6.05877315 | 13.6 | 14.9716 |
| 5.69615741 | 14.49 | 27.0775 | 5.87752315 | 14.42 | 23.1413 | 6.05888889 | 13.3 | 7.3236 |
| 5.69627315 | 14.51 | 27.0549 | 5.87763889 | 14.42 | 23.8049 | 6.05900463 | 13.34 | 11.1927 |
| 5.69638889 | 14.49 | 27.066 | 5.87775463 | 14.41 | 23.0581 | 6.05912037 | 13.43 | 11.7376 |
| 5.69650463 | 14.48 | 27.0527 | 5.87787037 | 14.41 | 23.2676 | 6.05923611 | 13.26 | 6.2383 |
| 5.69662037 | 14.49 | 27.0717 | 5.87798611 | 14.42 | 23.5193 | 6.05935185 | 13.32 | 8.0337 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69673611 | 14.49 | 27.1036 | 5.87810185 | 14.42 | 24.2856 | 6.05946759 | 13.28 | 7.1689 |
| 5.69685185 | 14.49 | 27.1181 | 5.87821759 | 14.42 | 24.269 | 6.05958333 | 13.23 | 5.9479 |
| 5.69696759 | 14.49 | 27.1152 | 5.87833333 | 14.42 | 24.4794 | 6.05969907 | 13.24 | 5.9641 |
| 5.69708333 | 14.49 | 27.0631 | 5.87844907 | 14.42 | 24.3714 | 6.05981482 | 13.27 | 7.4629 |
| 5.69719907 | 14.48 | 27.1425 | 5.87856482 | 14.42 | 24.5325 | 6.05993056 | 13.26 | 7.2267 |
| 5.69731482 | 14.48 | 27.1164 | 5.87868056 | 14.42 | 24.581 | 6.0600463 | 13.22 | 5.4366 |
| 5.69743056 | 14.49 | 27.0457 | 5.8787963 | 14.42 | 24.5737 | 6.06016204 | 13.2 | 5.3087 |
| 5.6975463 | 14.49 | 27.0544 | 5.87891204 | 14.44 | 24.754 | 6.06027778 | 13.2 | 5.2119 |
| 5.69766204 | 14.56 | 24.6045 | 5.87902778 | 14.44 | 24.6145 | 6.06039352 | 13.19 | 5.0429 |
| 5.69777778 | 14.58 | 24.1388 | 5.87914352 | 14.42 | 24.2975 | 6.06050926 | 13.22 | 5.7058 |
| 5.69789352 | 14.6 | 23.3686 | 5.87925926 | 14.44 | 23.917 | 6.060625 | 13.22 | 5.8255 |
| 5.69800926 | 14.62 | 22.9666 | 5.879375 | 14.42 | 23.8509 | 6.06074074 | 13.22 | 5.4758 |
| 5.698125 | 14.55 | 25.837 | 5.87949074 | 14.42 | 24.4553 | 6.06085648 | 13.22 | 5.1904 |
| 5.69824074 | 14.53 | 26.2557 | 5.87960648 | 14.42 | 23.8394 | 6.06097222 | 13.2 | 4.9136 |
| 5.69835648 | 14.53 | 26.0057 | 5.87972222 | 14.44 | 24.5127 | 6.06108796 | 13.34 | 10.1376 |
| 5.69847222 | 14.53 | 25.8769 | 5.87983796 | 14.42 | 24.0384 | 6.0612037 | 13.23 | 6.4546 |
| 5.69858796 | 14.52 | 26.0393 | 5.8799537 | 14.42 | 24.2476 | 6.06131944 | 13.23 | 5.6864 |
| 5.6987037 | 14.58 | 24.3911 | 5.88006944 | 14.44 | 24.2707 | 6.06143519 | 13.22 | 4.9644 |
| 5.69881944 | 14.53 | 25.6702 | 5.88018519 | 14.44 | 24.634 | 6.06155093 | 13.22 | 5.6573 |
| 5.69893519 | 14.53 | 26.3823 | 5.88030093 | 14.44 | 24.6927 | 6.06166667 | 13.24 | 6.1903 |
| 5.69905093 | 14.52 | 26.5952 | 5.88041667 | 14.44 | 24.304 | 6.06178241 | 13.2 | 5.019 |
| 5.69916667 | 14.52 | 26.3946 | 5.88053241 | 14.42 | 23.6387 | 6.06189815 | 13.2 | 5.097 |
| 5.69928241 | 14.53 | 25.8503 | 5.88064815 | 14.42 | 23.8923 | 6.06201389 | 13.31 | 6.7359 |
| 5.69939815 | 14.53 | 26.3106 | 5.88076389 | 14.44 | 24.6267 | 6.06212963 | 13.35 | 8.5045 |
| 5.69951389 | 14.55 | 25.5209 | 5.88087963 | 14.42 | 23.9108 | 6.06224537 | 13.24 | 5.7143 |
| 5.69962963 | 14.52 | 25.9962 | 5.88099537 | 14.42 | 23.8072 | 6.06236111 | 13.23 | 5.3715 |
| 5.69974537 | 14.55 | 25.1431 | 5.88111111 | 14.44 | 24.195 | 6.06247685 | 13.35 | 8.8057 |
| 5.69986111 | 14.55 | 25.6491 | 5.88122685 | 14.44 | 24.6707 | 6.06259259 | 13.34 | 8.0026 |
| 5.69997685 | 14.53 | 25.8236 | 5.88134259 | 14.42 | 24.1838 | 6.06270833 | 13.27 | 6.1378 |
| 5.70009259 | 14.52 | 25.9827 | 5.88145833 | 14.42 | 24.3547 | 6.06282407 | 13.3 | 5.7086 |
| 5.70020833 | 14.53 | 25.9734 | 5.88157407 | 14.42 | 23.9687 | 6.06293982 | 13.24 | 6.0334 |
| 5.70032407 | 14.53 | 26.0326 | 5.88168982 | 14.42 | 24.4722 | 6.06305556 | 13.26 | 6.5433 |
| 5.70043982 | 14.53 | 25.9251 | 5.88180556 | 14.44 | 24.5344 | 6.0631713 | 13.37 | 8.9464 |
| 5.70055556 | 14.53 | 26.2529 | 5.8819213 | 14.41 | 23.834 | 6.06328704 | 13.41 | 8.7693 |
| 5.7006713 | 14.53 | 26.1383 | 5.88203704 | 14.42 | 23.9362 | 6.06340278 | 13.38 | 8.1119 |
| 5.70078704 | 14.52 | 26.5336 | 5.88215278 | 14.42 | 23.844 | 6.06351852 | 13.39 | 8.2803 |
| 5.70090278 | 14.52 | 26.4112 | 5.88226852 | 14.41 | 23.5186 | 6.06363426 | 13.32 | 6.8728 |
| 5.70101852 | 14.52 | 26.5224 | 5.88238426 | 14.4 | 23.0187 | 6.06375 | 13.38 | 8.9678 |
| 5.70113426 | 14.52 | 26.5057 | 5.8825 | 14.42 | 23.766 | 6.06386574 | 13.3 | 6.4415 |
| 5.70125 | 14.52 | 26.3504 | 5.88261574 | 14.41 | 23.3338 | 6.06398148 | 13.26 | 5.7775 |
| 5.70136574 | 14.52 | 26.3725 | 5.88273148 | 14.41 | 23.722 | 6.06409722 | 13.23 | 5.3913 |
| 5.70148148 | 14.52 | 26.3504 | 5.88284722 | 14.42 | 24.0128 | 6.06421296 | 13.2 | 5.1648 |
| 5.70159722 | 14.52 | 26.5336 | 5.88296296 | 14.37 | 23.2432 | 6.0643287 | 13.26 | 5.9092 |
| 5.70171296 | 14.52 | 26.1586 | 5.8830787 | 14.41 | 23.6154 | 6.06444444 | 13.32 | 7.7222 |
| 5.7018287 | 14.56 | 24.5461 | 5.88319444 | 14.41 | 23.6742 | 6.06456019 | 13.24 | 5.7856 |
| 5.70194444 | 14.58 | 24.631 | 5.88331019 | 14.42 | 23.7364 | 6.06467593 | 13.2 | 4.9224 |
| 5.70206019 | 14.56 | 24.6607 | 5.88342593 | 14.42 | 23.9478 | 6.06479167 | 13.2 | 4.9171 |
| 5.70217593 | 14.56 | 24.5656 | 5.88354167 | 14.42 | 23.8785 | 6.06490741 | 13.22 | 5.2968 |
| 5.70229167 | 14.56 | 24.5388 | 5.88365741 | 14.41 | 23.4136 | 6.06502315 | 13.24 | 6.3813 |
| 5.70240741 | 14.56 | 24.5875 | 5.88377315 | 14.42 | 23.9594 | 6.06513889 | 13.24 | 6.3929 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70252315 | 14.56 | 24.5753 | 5.88388889 | 14.42 | 23.7478 | 6.06525463 | 13.3 | 7.0922 |
| 5.70263889 | 14.56 | 24.585 | 5.88400463 | 14.38 | 22.448 | 6.06537037 | 13.41 | 7.6801 |
| 5.70275463 | 14.58 | 24.3647 | 5.88412037 | 14.36 | 22.5154 | 6.06548611 | 13.52 | 11.4973 |
| 5.70287037 | 14.59 | 23.7127 | 5.88423611 | 14.41 | 23.9031 | 6.06560185 | 13.31 | 6.651 |
| 5.70298611 | 14.59 | 23.4572 | 5.88435185 | 14.42 | 24.3046 | 6.06571759 | 13.31 | 6.8358 |
| 5.70310185 | 14.62 | 22.302 | 5.88446759 | 14.42 | 24.5446 | 6.06583333 | 13.37 | 7.9544 |
| 5.70321759 | 14.64 | 21.7984 | 5.88458333 | 14.44 | 24.828 | 6.06594907 | 13.43 | 8.2015 |
| 5.70333333 | 14.64 | 22.0632 | 5.88469907 | 14.42 | 24.8606 | 6.06606482 | 13.35 | 6.4262 |
| 5.70344907 | 14.63 | 22.4095 | 5.88481482 | 14.41 | 23.9563 | 6.06618056 | 13.45 | 9.5257 |
| 5.70356482 | 14.63 | 22.4966 | 5.88493056 | 14.42 | 24.7127 | 6.0662963 | 13.49 | 9.5669 |
| 5.70368056 | 14.63 | 22.3456 | 5.8850463 | 14.42 | 24.3618 | 6.06641204 | 13.65 | 13.2246 |
| 5.7037963 | 14.63 | 22.6684 | 5.88516204 | 14.11 | 10.9251 | 6.06652778 | 13.43 | 7.6369 |
| 5.70391204 | 14.63 | 22.5885 | 5.88527778 | 14.38 | 23.6653 | 6.06664352 | 13.6 | 12.9363 |
| 5.70402778 | 14.62 | 22.7081 | 5.88539352 | 14.4 | 23.5853 | 6.06675926 | 13.67 | 12.6023 |
| 5.70414352 | 14.63 | 22.8127 | 5.88550926 | 14.42 | 24.8433 | 6.066875 | 13.68 | 12.7096 |
| 5.70425926 | 14.62 | 22.9861 | 5.885625 | 14.42 | 24.5858 | 6.06699074 | 13.7 | 13.6584 |
| 5.704375 | 14.62 | 23.0315 | 5.88574074 | 14.44 | 24.3971 | 6.06710648 | 13.76 | 15.7263 |
| 5.70449074 | 14.62 | 23.1055 | 5.88585648 | 14.42 | 24.4265 | 6.06722222 | 13.9 | 18.896 |
| 5.70460648 | 14.62 | 23.3056 | 5.88597222 | 14.44 | 24.5708 | 6.06733796 | 13.78 | 15.4968 |
| 5.70472222 | 14.62 | 23.147 | 5.88608796 | 14.44 | 24.4861 | 6.0674537 | 13.78 | 16.5014 |
| 5.70483796 | 14.6 | 23.4333 | 5.8862037 | 14.42 | 24.4553 | 6.06756944 | 13.82 | 16.4091 |
| 5.7049537 | 14.59 | 23.6399 | 5.88631944 | 14.42 | 23.9919 | 6.06768519 | 13.79 | 17.1917 |
| 5.70506944 | 14.6 | 23.693 | 5.88643519 | 14.3 | 19.7196 | 6.06780093 | 13.81 | 14.6134 |
| 5.70518519 | 14.59 | 23.7677 | 5.88655093 | 14.41 | 24.0143 | 6.06791667 | 13.74 | 15.4482 |
| 5.70530093 | 14.59 | 23.906 | 5.88666667 | 14.36 | 21.7781 | 6.06803241 | 13.75 | 14.3301 |
| 5.70541667 | 14.58 | 24.6628 | 5.88678241 | 14.22 | 15.9173 | 6.06814815 | 13.7 | 13.0716 |
| 5.70553241 | 14.58 | 24.502 | 5.88689815 | 14.12 | 12.5566 | 6.06826389 | 13.72 | 14.2683 |
| 5.70564815 | 14.56 | 24.8184 | 5.88701389 | 14.3 | 21.5825 | 6.06837963 | 13.76 | 15.0065 |
| 5.70576389 | 14.56 | 24.6951 | 5.88712963 | 14.41 | 24.318 | 6.06849537 | 13.68 | 12.1526 |
| 5.70587963 | 14.55 | 25.5679 | 5.88724537 | 14.4 | 24.1821 | 6.06861111 | 13.68 | 13.3892 |
| 5.70599537 | 14.53 | 25.7282 | 5.88736111 | 14.4 | 24.1986 | 6.06872685 | 13.7 | 14.3167 |
| 5.70611111 | 14.55 | 24.9442 | 5.88747685 | 14.37 | 22.9032 | 6.06884259 | 13.7 | 14.0384 |
| 5.70622685 | 14.55 | 25.5862 | 5.88759259 | 14.34 | 22.4339 | 6.06895833 | 13.5 | 8.682 |
| 5.70634259 | 14.55 | 25.0824 | 5.88770833 | 14.37 | 22.597 | 6.06907407 | 13.59 | 11.0134 |
| 5.70645833 | 14.55 | 25.4585 | 5.88782407 | 14.38 | 23.3806 | 6.06918982 | 13.7 | 13.9053 |
| 5.70657407 | 14.52 | 26.0772 | 5.88793982 | 14.36 | 22.3731 | 6.06930556 | 13.7 | 15.056 |
| 5.70668982 | 14.55 | 25.2449 | 5.88805556 | 14.37 | 23.6126 | 6.0694213 | 13.75 | 16.066 |
| 5.70680556 | 14.55 | 25.7071 | 5.8881713 | 14.36 | 22.2405 | 6.06953704 | 13.7 | 13.4311 |
| 5.7069213 | 14.55 | 25.1583 | 5.88828704 | 14.37 | 22.9546 | 6.06965278 | 13.7 | 12.8542 |
| 5.70703704 | 14.55 | 25.3809 | 5.88840278 | 14.37 | 22.5845 | 6.06976852 | 13.71 | 14.1813 |
| 5.70715278 | 14.52 | 26.1423 | 5.88851852 | 14.38 | 23.024 | 6.06988426 | 13.89 | 17.9777 |
| 5.70726852 | 14.53 | 26.1301 | 5.88863426 | 14.33 | 21.6974 | 6.07 | 13.79 | 15.6782 |
| 5.70738426 | 14.52 | 25.8436 | 5.88875 | 14.36 | 22.6488 | 6.07011574 | 13.85 | 16.7856 |
| 5.7075 | 14.56 | 24.6412 | 5.88886574 | 14.33 | 21.9071 | 6.07023148 | 13.89 | 18.2125 |
| 5.70761574 | 14.55 | 25.0672 | 5.88898148 | 14.36 | 22.3465 | 6.07034722 | 13.92 | 18.6408 |
| 5.70773148 | 14.55 | 25.4482 | 5.88909722 | 14.36 | 22.7055 | 6.07046296 | 13.93 | 19.3462 |
| 5.70784722 | 14.55 | 25.1431 | 5.88921296 | 14.36 | 22.8175 | 6.0705787 | 13.92 | 17.1204 |
| 5.70796296 | 14.55 | 25.4715 | 5.8893287 | 14.38 | 23.0413 | 6.07069444 | 13.83 | 15.6681 |
| 5.7080787 | 14.53 | 25.893 | 5.88944444 | 14.36 | 22.6237 | 6.07081019 | 13.9 | 18.4034 |
| 5.70819444 | 14.56 | 24.5073 | 5.88956019 | 14.4 | 23.4933 | 6.07092593 | 13.86 | 18.3658 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70831019 | 14.56 | 25.086 | 5.88967593 | 14.37 | 22.9118 | 6.07104167 | 13.81 | 16.2331 |
| 5.70842593 | 14.53 | 25.3245 | 5.88979167 | 14.4 | 23.8861 | 6.07115741 | 13.9 | 18.896 |
| 5.70854167 | 14.55 | 24.7161 | 5.88990741 | 14.36 | 21.8252 | 6.07127315 | 13.9 | 19.2828 |
| 5.70865741 | 14.56 | 25.1443 | 5.89002315 | 14.4 | 24.0765 | 6.07138889 | 13.9 | 19.2684 |
| 5.70877315 | 14.53 | 25.7865 | 5.89013889 | 14.4 | 23.8057 | 6.07150463 | 13.89 | 18.9334 |
| 5.70888889 | 14.53 | 25.7811 | 5.89025463 | 14.4 | 23.9717 | 6.07162037 | 13.83 | 17.3344 |
| 5.70900463 | 14.56 | 24.5267 | 5.89037037 | 14.34 | 21.5469 | 6.07173611 | 13.85 | 17.7995 |
| 5.70912037 | 14.53 | 25.8876 | 5.89048611 | 14.26 | 17.0236 | 6.07185185 | 13.86 | 18.345 |
| 5.70923611 | 14.56 | 24.6975 | 5.89060185 | 14.18 | 15.7143 | 6.07196759 | 13.86 | 18.2399 |
| 5.70935185 | 14.53 | 25.8077 | 5.89071759 | 14.14 | 14.7639 | 6.07208333 | 13.82 | 17.7236 |
| 5.70946759 | 14.55 | 25.5548 | 5.89083333 | 14.3 | 21.4771 | 6.07219907 | 13.86 | 18.4075 |
| 5.70958333 | 14.56 | 24.7541 | 5.89094907 | 14.4 | 24.1257 | 6.07231482 | 13.87 | 18.1149 |
| 5.70969907 | 14.53 | 25.7573 | 5.89106482 | 14.41 | 24.3705 | 6.07243056 | 13.85 | 17.7525 |
| 5.70981482 | 14.53 | 25.8609 | 5.89118056 | 14.42 | 24.3022 | 6.0725463 | 13.83 | 17.2258 |
| 5.70993056 | 14.52 | 25.8542 | 5.8912963 | 14.42 | 24.369 | 6.07266204 | 13.82 | 16.5783 |
| 5.7100463 | 14.55 | 25.1685 | 5.89141204 | 14.42 | 24.1532 | 6.07277778 | 13.83 | 16.8916 |
| 5.71016204 | 14.56 | 24.8854 | 5.89152778 | 14.31 | 18.0805 | 6.07289352 | 13.76 | 15.7722 |
| 5.71027778 | 14.56 | 24.8134 | 5.89164352 | 14.38 | 23.6607 | 6.07300926 | 13.86 | 18.3732 |
| 5.71039352 | 14.6 | 22.8794 | 5.89175926 | 14.36 | 23.475 | 6.073125 | 13.92 | 18.4147 |
| 5.71050926 | 14.62 | 22.2529 | 5.891875 | 14.4 | 24.2128 | 6.07324074 | 13.86 | 16.8198 |
| 5.710625 | 14.58 | 24.7562 | 5.89199074 | 14.34 | 22.65 | 6.07335648 | 13.82 | 16.6584 |
| 5.71074074 | 14.58 | 24.2644 | 5.89210648 | 14.36 | 22.826 | 6.07347222 | 13.79 | 16.7057 |
| 5.71085648 | 14.62 | 22.1452 | 5.89222222 | 14.4 | 24.3409 | 6.07358796 | 13.9 | 18.2594 |
| 5.71097222 | 14.63 | 21.7725 | 5.89233796 | 14.37 | 22.9375 | 6.0737037 | 13.93 | 19.5141 |
| 5.71108796 | 14.6 | 23.1545 | 5.8924537 | 14.36 | 20.1742 | 6.07381944 | 13.9 | 18.5233 |
| 5.7112037 | 14.58 | 24.2644 | 5.89256944 | 14.41 | 24.724 | 6.07393519 | 13.86 | 17.3279 |
| 5.71131944 | 14.6 | 22.9633 | 5.89268519 | 14.42 | 24.7692 | 6.07405093 | 13.87 | 17.889 |
| 5.71143519 | 14.62 | 21.8313 | 5.89280093 | 14.44 | 24.9074 | 6.07416667 | 13.92 | 19.2696 |
| 5.71155093 | 14.6 | 23.7639 | 5.89291667 | 14.41 | 23.367 | 6.07428241 | 13.89 | 17.9936 |
| 5.71166667 | 14.58 | 24.2145 | 5.89303241 | 14.33 | 20.2537 | 6.07439815 | 13.86 | 17.9772 |
| 5.71178241 | 14.58 | 24.5287 | 5.89314815 | 14.38 | 23.8317 | 6.07451389 | 13.92 | 19.0326 |
| 5.71189815 | 14.6 | 23.0694 | 5.89326389 | 14.4 | 24.0765 | 6.07462963 | 13.9 | 17.8952 |
| 5.71201389 | 14.63 | 22.174 | 5.89337963 | 14.41 | 24.7166 | 6.07474537 | 13.9 | 18.4602 |
| 5.71212963 | 14.62 | 22.7186 | 5.89349537 | 14.41 | 24.8397 | 6.07486111 | 13.92 | 18.8414 |
| 5.71224537 | 14.59 | 23.899 | 5.89361111 | 14.41 | 24.4688 | 6.07497685 | 13.92 | 18.8939 |
| 5.71236111 | 14.6 | 22.9978 | 5.89372685 | 14.41 | 23.8478 | 6.07509259 | 13.93 | 19.7653 |
| 5.71247685 | 14.6 | 23.7478 | 5.89384259 | 14.4 | 23.6056 | 6.07520833 | 13.92 | 18.1265 |
| 5.71259259 | 14.6 | 23.593 | 5.89395833 | 14.38 | 22.8015 | 6.07532407 | 13.89 | 18.3485 |
| 5.71270833 | 14.59 | 23.715 | 5.89407407 | 14.34 | 18.5412 | 6.07543982 | 13.94 | 19.4912 |
| 5.71282407 | 14.58 | 24.6775 | 5.89418982 | 14.37 | 20.4442 | 6.07555556 | 13.93 | 19.2137 |
| 5.71293982 | 14.58 | 24.4223 | 5.89430556 | 14.38 | 23.312 | 6.0756713 | 13.83 | 17.3193 |
| 5.71305556 | 14.58 | 24.1082 | 5.8944213 | 14.37 | 21.2813 | 6.07578704 | 13.85 | 17.471 |
| 5.7131713 | 14.59 | 23.3701 | 5.89453704 | 14.38 | 22.1321 | 6.07590278 | 13.83 | 17.3289 |
| 5.71328704 | 14.55 | 25.4171 | 5.89465278 | 14.38 | 21.968 | 6.07601852 | 13.9 | 19.0942 |
| 5.71340278 | 14.55 | 25.6913 | 5.89476852 | 14.37 | 20.9324 | 6.07613426 | 13.96 | 20.5974 |
| 5.71351852 | 14.55 | 25.3038 | 5.89488426 | 14.38 | 23.7928 | 6.07625 | 13.93 | 19.3221 |
| 5.71363426 | 14.55 | 25.133 | 5.895 | 14.4 | 22.5379 | 6.07636574 | 13.93 | 19.5467 |
| 5.71375 | 14.55 | 25.2245 | 5.89511574 | 14.37 | 20.1072 | 6.07648148 | 13.74 | 15.4664 |
| 5.71386574 | 14.55 | 25.3732 | 5.89523148 | 14.38 | 21.4101 | 6.07659722 | 13.81 | 14.4611 |
| 5.71398148 | 14.53 | 25.7256 | 5.89534722 | 14.41 | 24.2184 | 6.07671296 | 13.71 | 15.2314 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71409722 | 14.53 | 25.6755 | 5.89546296 | 14.38 | 22.1684 | 6.0768287 | 13.74 | 16.6824 |
| 5.71421296 | 14.53 | 25.6781 | 5.8955787 | 14.36 | 19.4072 | 6.07694444 | 13.92 | 19.4446 |
| 5.7143287 | 14.56 | 24.8805 | 5.89569444 | 14.36 | 17.3671 | 6.07706019 | 13.83 | 17.245 |
| 5.71444444 | 14.55 | 24.795 | 5.89581019 | 14.34 | 15.2241 | 6.07717593 | 13.85 | 18.2771 |
| 5.71456019 | 14.55 | 25.6386 | 5.89592593 | 14.34 | 18.7921 | 6.07729167 | 13.75 | 14.4549 |
| 5.71467593 | 14.52 | 26.3146 | 5.89604167 | 14.37 | 22.3817 | 6.07740741 | 13.74 | 16.3113 |
| 5.71479167 | 14.53 | 25.9707 | 5.89615741 | 14.3 | 16.6287 | 6.07752315 | 13.57 | 11.4029 |
| 5.71490741 | 14.53 | 26.0867 | 5.89627315 | 14.36 | 21.1874 | 6.07763889 | 13.71 | 15.3025 |
| 5.71502315 | 14.53 | 26.4655 | 5.89638889 | 14.33 | 19.816 | 6.07775463 | 13.5 | 10.0436 |
| 5.71513889 | 14.52 | 26.3256 | 5.89650463 | 14.38 | 23.5322 | 6.07787037 | 13.49 | 10.8289 |
| 5.71525463 | 14.53 | 25.7494 | 5.89662037 | 14.27 | 18.2597 | 6.07798611 | 13.35 | 7.3591 |
| 5.71537037 | 14.55 | 25.1355 | 5.89673611 | 14.36 | 23.4104 | 6.07810185 | 13.31 | 6.9475 |
| 5.71548611 | 14.53 | 25.0927 | 5.89685185 | 14.33 | 21.5045 | 6.07821759 | 13.24 | 5.8868 |
| 5.71560185 | 14.56 | 24.3173 | 5.89696759 | 14.3 | 20.5606 | 6.07833333 | 13.6 | 14.0322 |
| 5.71571759 | 14.56 | 24.3436 | 5.89708333 | 14.37 | 23.3136 | 6.07844907 | 13.7 | 16.0009 |
| 5.71583333 | 14.56 | 24.5777 | 5.89719907 | 14.33 | 21.3145 | 6.07856482 | 13.9 | 19.2207 |
| 5.71594907 | 14.58 | 23.9865 | 5.89731482 | 14.37 | 23.6013 | 6.07868056 | 13.85 | 17.3932 |
| 5.71606482 | 14.59 | 23.2087 | 5.89743056 | 14.34 | 21.0978 | 6.0787963 | 13.85 | 19.2265 |
| 5.71618056 | 14.6 | 22.7345 | 5.8975463 | 14.33 | 20.6052 | 6.07891204 | 13.82 | 17.9597 |
| 5.7162963 | 14.6 | 22.65 | 5.89766204 | 14.38 | 23.6834 | 6.07902778 | 13.43 | 9.4165 |
| 5.71641204 | 14.59 | 23.8713 | 5.89777778 | 14.42 | 24.7988 | 6.07914352 | 13.74 | 15.3619 |
| 5.71652778 | 14.58 | 23.4095 | 5.89789352 | 14.4 | 23.0489 | 6.07925926 | 13.98 | 21.2348 |
| 5.71664352 | 14.55 | 25.1786 | 5.89800926 | 14.37 | 21.7941 | 6.079375 | 14.07 | 21.9968 |
| 5.71675926 | 14.53 | 25.657 | 5.898125 | 14.34 | 21.3355 | 6.07949074 | 13.96 | 19.8197 |
| 5.716875 | 14.55 | 25.6702 | 5.89824074 | 14.36 | 23.2976 | 6.07960648 | 14 | 20.4477 |
| 5.71699074 | 14.56 | 24.2245 | 5.89835648 | 14.42 | 24.9701 | 6.07972222 | 14.03 | 20.8987 |
| 5.71710648 | 14.56 | 24.1065 | 5.89847222 | 14.38 | 23.5166 | 6.07983796 | 13.89 | 16.8587 |
| 5.71722222 | 14.58 | 23.5599 | 5.89858796 | 14.38 | 24.1804 | 6.0799537 | 13.92 | 18.7906 |
| 5.71733796 | 14.55 | 25.3809 | 5.8987037 | 14.34 | 21.4512 | 6.08006944 | 14.04 | 21.5927 |
| 5.7174537 | 14.55 | 25.56 | 5.89881944 | 14.33 | 18.5111 | 6.08018519 | 14.07 | 21.5492 |
| 5.71756944 | 14.58 | 23.7669 | 5.89893519 | 14.36 | 21.2267 | 6.08030093 | 13.67 | 11.1626 |
| 5.71768519 | 14.58 | 24.0449 | 5.89905093 | 14.33 | 17.2974 | 6.08041667 | 13.78 | 17.4012 |
| 5.71780093 | 14.58 | 23.4274 | 5.89916667 | 14.34 | 19.9388 | 6.08053241 | 13.93 | 20.3921 |
| 5.71791667 | 14.59 | 22.9864 | 5.89928241 | 14.31 | 15.4632 | 6.08064815 | 14.01 | 21.0336 |
| 5.71803241 | 14.6 | 22.2134 | 5.89939815 | 14.31 | 19.3368 | 6.08076389 | 13.61 | 12.1573 |
| 5.71814815 | 14.6 | 21.9456 | 5.89951389 | 14.34 | 19.264 | 6.08087963 | 13.82 | 18.7135 |
| 5.71826389 | 14.59 | 23.2241 | 5.89962963 | 14.3 | 13.2858 | 6.08099537 | 13.87 | 19.2642 |
| 5.71837963 | 14.59 | 23.3879 | 5.89974537 | 14.3 | 13.3525 | 6.08111111 | 13.6 | 11.354 |
| 5.71849537 | 14.6 | 22.5222 | 5.89986111 | 14.3 | 14.1417 | 6.08122685 | 13.37 | 7.8663 |
| 5.71861111 | 14.59 | 23.2792 | 5.89997685 | 14.33 | 16.5333 | 6.08134259 | 13.54 | 13.256 |
| 5.71872685 | 14.59 | 23.6876 | 5.90009259 | 14.34 | 15.5429 | 6.08145833 | 13.68 | 16.9789 |
| 5.71884259 | 14.58 | 24.4899 | 5.90020833 | 14.34 | 14.599 | 6.08157407 | 13.92 | 20.1575 |
| 5.71895833 | 14.56 | 24.4928 | 5.90032407 | 14.34 | 16.3382 | 6.08168982 | 13.96 | 20.8027 |
| 5.71907407 | 14.6 | 22.3196 | 5.90043982 | 14.34 | 15.1535 | 6.08180556 | 13.97 | 20.6791 |
| 5.71918982 | 14.6 | 22.7494 | 5.90055556 | 14.34 | 14.2944 | 6.0819213 | 14.03 | 21.2614 |
| 5.71930556 | 14.56 | 24.6902 | 5.9006713 | 14.36 | 16.0918 | 6.08203704 | 14.05 | 22.1576 |
| 5.7194213 | 14.55 | 24.8223 | 5.90078704 | 14.36 | 15.8764 | 6.08215278 | 14.08 | 22.1104 |
| 5.71953704 | 14.58 | 23.5599 | 5.90090278 | 14.33 | 13.6341 | 6.08226852 | 14.05 | 21.6795 |
| 5.71965278 | 14.59 | 23.5178 | 5.90101852 | 14.34 | 17.2999 | 6.08238426 | 14.03 | 21.4079 |
| 5.71976852 | 14.58 | 23.8105 | 5.90113426 | 14.36 | 16.0855 | 6.0825 | 14.07 | 21.7632 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71988426 | 14.58 | 23.9585 | 5.90125 | 14.33 | 16.2741 | 6.08261574 | 14.08 | 21.9851 |
| 5.72 | 14.58 | 24.0918 | 5.90136574 | 14.36 | 16.7497 | 6.08273148 | 14.08 | 21.918 |
| 5.72011574 | 14.58 | 23.8543 | 5.90148148 | 14.34 | 15.6855 | 6.08284722 | 13.92 | 18.6043 |
| 5.72023148 | 14.59 | 23.0949 | 5.90159722 | 14.34 | 15.6584 | 6.08296296 | 13.93 | 18.7995 |
| 5.72034722 | 14.6 | 22.464 | 5.90171296 | 14.34 | 15.7797 | 6.0830787 | 13.96 | 20.0127 |
| 5.72046296 | 14.6 | 22.9396 | 5.9018287 | 14.34 | 18.8276 | 6.08319444 | 14 | 20.7812 |
| 5.7205787 | 14.59 | 23.3835 | 5.90194444 | 14.34 | 16.2302 | 6.08331019 | 14.07 | 21.5416 |
| 5.72069444 | 14.59 | 22.9692 | 5.90206019 | 14.34 | 16.3124 | 6.08342593 | 14.03 | 20.8697 |
| 5.72081019 | 14.58 | 23.9748 | 5.90217593 | 14.34 | 19.2913 | 6.08354167 | 13.92 | 19.1426 |
| 5.72092593 | 14.59 | 23.6945 | 5.90229167 | 14.34 | 18.0214 | 6.08365741 | 14 | 20.7041 |
| 5.72104167 | 14.59 | 23.9199 | 5.90240741 | 14.33 | 17.9563 | 6.08377315 | 13.89 | 18.8962 |
| 5.72115741 | 14.59 | 23.999 | 5.90252315 | 14.34 | 19.3913 | 6.08388889 | 13.98 | 20.9712 |
| 5.72127315 | 14.59 | 23.2527 | 5.90263889 | 14.36 | 20.4953 | 6.08400463 | 14.01 | 21.2164 |
| 5.72138889 | 14.6 | 23.0672 | 5.90275463 | 14.34 | 19.2192 | 6.08412037 | 14 | 20.8858 |
| 5.72150463 | 14.62 | 22.5797 | 5.90287037 | 14.37 | 21.2344 | 6.08423611 | 14.01 | 21.3398 |
| 5.72162037 | 14.6 | 22.7112 | 5.90298611 | 14.36 | 20.4829 | 6.08435185 | 14.05 | 21.6255 |
| 5.72173611 | 14.6 | 23.2401 | 5.90310185 | 14.37 | 21.0021 | 6.08446759 | 14.07 | 21.2881 |
| 5.72185185 | 14.6 | 23.2027 | 5.90321759 | 14.36 | 21.465 | 6.08458333 | 14.04 | 21.1555 |
| 5.72196759 | 14.59 | 23.6285 | 5.90333333 | 14.36 | 21.4975 | 6.08469907 | 14.03 | 20.7543 |
| 5.72208333 | 14.58 | 25.1796 | 5.90344907 | 14.34 | 17.7918 | 6.08481482 | 14.01 | 20.4669 |
| 5.72219907 | 14.58 | 23.9353 | 5.90356482 | 14.33 | 13.0782 | 6.08493056 | 13.97 | 19.6903 |
| 5.72231482 | 14.58 | 24.324 | 5.90368056 | 14.34 | 19.6233 | 6.0850463 | 14.01 | 20.6773 |
| 5.72243056 | 14.58 | 24.2216 | 5.9037963 | 14.36 | 20.6018 | 6.08516204 | 13.94 | 19.7039 |
| 5.7225463 | 14.56 | 24.9378 | 5.90391204 | 14.37 | 20.2971 | 6.08527778 | 14 | 20.7632 |
| 5.72266204 | 14.56 | 24.4976 | 5.90402778 | 14.36 | 20.6089 | 6.08539352 | 13.92 | 19.179 |
| 5.72277778 | 14.58 | 24.1624 | 5.90414352 | 14.37 | 20.6787 | 6.08550926 | 13.75 | 16.7098 |
| 5.72289352 | 14.56 | 24.7961 | 5.90425926 | 14.36 | 20.2208 | 6.085625 | 14 | 21.5461 |
| 5.72300926 | 14.56 | 24.5437 | 5.904375 | 14.38 | 22.1663 | 6.08574074 | 14.03 | 21.9483 |
| 5.723125 | 14.56 | 24.5656 | 5.90449074 | 14.36 | 19.0555 | 6.08585648 | 13.92 | 20.541 |
| 5.72324074 | 14.56 | 24.4566 | 5.90460648 | 14.37 | 21.0095 | 6.08597222 | 13.93 | 20.6791 |
| 5.72335648 | 14.56 | 24.471 | 5.90472222 | 14.37 | 19.8779 | 6.08608796 | 13.94 | 21.1861 |
| 5.72347222 | 14.55 | 24.852 | 5.90483796 | 14.37 | 21.353 | 6.0862037 | 14 | 21.1866 |
| 5.72358796 | 14.55 | 24.7457 | 5.9049537 | 14.37 | 21.9162 | 6.08631944 | 14.08 | 22.4424 |
| 5.7237037 | 14.55 | 24.8 | 5.90506944 | 14.37 | 21.8274 | 6.08643519 | 14.03 | 21.5085 |
| 5.72381944 | 14.53 | 25.2988 | 5.90518519 | 14.37 | 21.5784 | 6.08655093 | 14.01 | 21.7309 |
| 5.72393519 | 14.55 | 24.6304 | 5.90530093 | 14.38 | 21.9502 | 6.08666667 | 14.09 | 22.5499 |
| 5.72405093 | 14.53 | 24.922 | 5.90541667 | 14.37 | 21.2644 | 6.08678241 | 14.09 | 22.3814 |
| 5.72416667 | 14.55 | 25.4871 | 5.90553241 | 14.37 | 22.0715 | 6.08689815 | 14.08 | 22.1244 |
| 5.72428241 | 14.53 | 25.7414 | 5.90564815 | 14.36 | 20.1106 | 6.08701389 | 14.08 | 22.0785 |
| 5.72439815 | 14.53 | 25.5758 | 5.90576389 | 14.37 | 21.1001 | 6.08712963 | 14.05 | 21.9193 |
| 5.72451389 | 14.53 | 25.394 | 5.90587963 | 14.34 | 15.0998 | 6.08724537 | 14.08 | 21.9851 |
| 5.72462963 | 14.55 | 24.694 | 5.90599537 | 14.36 | 20.5875 | 6.08736111 | 14.09 | 22.3998 |
| 5.72474537 | 14.53 | 25.7865 | 5.90611111 | 14.36 | 17.1237 | 6.08747685 | 13.98 | 21.0591 |
| 5.72486111 | 14.55 | 24.108 | 5.90622685 | 14.36 | 19.203 | 6.08759259 | 14.04 | 21.3553 |
| 5.72497685 | 14.56 | 24.1512 | 5.90634259 | 14.33 | 14.0769 | 6.08770833 | 14.05 | 21.6159 |
| 5.72509259 | 14.58 | 23.5171 | 5.90645833 | 14.36 | 18.4396 | 6.08782407 | 13.97 | 21.1105 |
| 5.72520833 | 14.56 | 23.8527 | 5.90657407 | 14.31 | 13.2867 | 6.08793982 | 13.98 | 21.4394 |
| 5.72532407 | 14.55 | 25.1026 | 5.90668982 | 14.33 | 16.6515 | 6.08805556 | 14.07 | 22.0166 |
| 5.72543982 | 14.52 | 26.5588 | 5.90680556 | 14.31 | 11.7329 | 6.0881713 | 14.07 | 22.0742 |
| 5.72555556 | 14.53 | 25.9841 | 5.9069213 | 14.29 | 9.7732 | 6.08828704 | 13.98 | 20.6773 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7256713 | 14.53 | 26.3492 | 5.90703704 | 14.3 | 11.4483 | 6.08840278 | 14 | 20.8967 |
| 5.72578704 | 14.53 | 25.9197 | 5.90715278 | 14.31 | 13.5309 | 6.08851852 | 14.08 | 22.379 |
| 5.72590278 | 14.55 | 24.623 | 5.90726852 | 14.33 | 14.6074 | 6.08863426 | 14 | 20.6524 |
| 5.72601852 | 14.55 | 23.9235 | 5.90738426 | 14.33 | 17.141 | 6.08875 | 14.03 | 21.5428 |
| 5.72613426 | 14.55 | 24.1174 | 5.9075 | 14.31 | 14.2555 | 6.08886574 | 14.05 | 22.1636 |
| 5.72625 | 14.53 | 25.2068 | 5.90761574 | 14.34 | 17.5296 | 6.08898148 | 14.01 | 21.2556 |
| 5.72636574 | 14.55 | 24.8198 | 5.90773148 | 14.33 | 12.5622 | 6.08909722 | 14.07 | 21.1985 |
| 5.72648148 | 14.56 | 23.7264 | 5.90784722 | 14.33 | 12.1971 | 6.08921296 | 14.01 | 21.3117 |
| 5.72659722 | 14.56 | 23.5584 | 5.90796296 | 14.33 | 12.8546 | 6.0893287 | 14 | 20.819 |
| 5.72671296 | 14.56 | 23.7561 | 5.9080787 | 14.33 | 12.3404 | 6.08944444 | 14.04 | 21.923 |
| 5.7268287 | 14.56 | 23.4037 | 5.90819444 | 14.33 | 12.2062 | 6.08956019 | 14.09 | 22.5437 |
| 5.72694444 | 14.56 | 24.1253 | 5.90831019 | 14.34 | 15.1296 | 6.08967593 | 14.08 | 22.0765 |
| 5.72706019 | 14.55 | 24.8074 | 5.90842593 | 14.34 | 15.9623 | 6.08979167 | 14.09 | 22.4121 |
| 5.72717593 | 14.58 | 23.1686 | 5.90854167 | 14.34 | 16.3925 | 6.08990741 | 14.08 | 22.245 |
| 5.72729167 | 14.58 | 22.9535 | 5.90865741 | 14.36 | 16.1784 | 6.09002315 | 14.07 | 22.1101 |
| 5.72740741 | 14.56 | 24.8333 | 5.90877315 | 14.34 | 13.3259 | 6.09013889 | 14.11 | 22.4394 |
| 5.72752315 | 14.56 | 23.6376 | 5.90888889 | 14.3 | 11.0407 | 6.09025463 | 14.08 | 22.0208 |
| 5.72763889 | 14.59 | 23.2682 | 5.90900463 | 14.27 | 11.3124 | 6.09037037 | 14.11 | 21.9899 |
| 5.72775463 | 14.59 | 22.9908 | 5.90912037 | 14.33 | 13.3799 | 6.09048611 | 14.08 | 21.7849 |
| 5.72787037 | 14.59 | 23.2969 | 5.90923611 | 14.36 | 14.9333 | 6.09060185 | 14.08 | 22.0506 |
| 5.72798611 | 14.59 | 23.1714 | 5.90935185 | 14.36 | 16.322 | 6.09071759 | 14.09 | 21.9538 |
| 5.72810185 | 14.59 | 23.3479 | 5.90946759 | 14.37 | 19.1837 | 6.09083333 | 14.09 | 22.359 |
| 5.72821759 | 14.58 | 24.1388 | 5.90958333 | 14.34 | 13.2315 | 6.09094907 | 14.11 | 22.3801 |
| 5.72833333 | 14.56 | 24.5025 | 5.90969907 | 14.34 | 15.892 | 6.09106482 | 14.14 | 22.9258 |
| 5.72844907 | 14.56 | 24.4084 | 5.90981482 | 14.37 | 19.5851 | 6.09118056 | 14.12 | 22.4933 |
| 5.72856482 | 14.56 | 24.4252 | 5.90993056 | 14.38 | 21.814 | 6.0912963 | 14.11 | 22.3495 |
| 5.72868056 | 14.56 | 24.2983 | 5.9100463 | 14.38 | 20.3128 | 6.09141204 | 14.14 | 22.9003 |
| 5.7287963 | 14.56 | 24.2459 | 5.91016204 | 14.36 | 14.2836 | 6.09152778 | 14.12 | 22.5304 |
| 5.72891204 | 14.55 | 24.4701 | 5.91027778 | 14.36 | 20.552 | 6.09164352 | 14.15 | 22.8837 |
| 5.72902778 | 14.56 | 24.3293 | 5.91039352 | 14.34 | 21.0257 | 6.09175926 | 14.14 | 22.7817 |
| 5.72914352 | 14.56 | 23.7745 | 5.91050926 | 14.33 | 17.2121 | 6.091875 | 14.14 | 22.6558 |
| 5.72925926 | 14.56 | 24.1277 | 5.910625 | 14.36 | 20.2139 | 6.09199074 | 14.14 | 22.6204 |
| 5.729375 | 14.55 | 24.6597 | 5.91074074 | 14.37 | 20.6018 | 6.09210648 | 14.14 | 22.5395 |
| 5.72949074 | 14.55 | 24.6475 | 5.91085648 | 14.37 | 21.0372 | 6.09222222 | 14.11 | 22.2763 |
| 5.72960648 | 14.55 | 24.4821 | 5.91097222 | 14.34 | 15.9825 | 6.09233796 | 14 | 21.2854 |
| 5.72972222 | 14.55 | 24.623 | 5.91108796 | 14.38 | 22.3227 | 6.0924537 | 14.09 | 22.2899 |
| 5.72983796 | 14.53 | 24.7313 | 5.9112037 | 14.33 | 14.8425 | 6.09256944 | 14.11 | 22.3108 |
| 5.7299537 | 14.53 | 24.4609 | 5.91131944 | 14.34 | 19.0637 | 6.09268519 | 14.11 | 22.3474 |
| 5.73006944 | 14.53 | 23.9103 | 5.91143519 | 14.34 | 17.0848 | 6.09280093 | 14.11 | 22.2622 |
| 5.73018519 | 14.55 | 23.6029 | 5.91155093 | 14.38 | 22.4645 | 6.09291667 | 14.14 | 22.525 |
| 5.73030093 | 14.53 | 23.8549 | 5.91166667 | 14.36 | 19.267 | 6.09303241 | 14.12 | 22.5946 |
| 5.73041667 | 14.53 | 24.2622 | 5.91178241 | 14.27 | 13.6913 | 6.09314815 | 14.12 | 22.5614 |
| 5.73053241 | 14.53 | 24.2005 | 5.91189815 | 14.23 | 11.2207 | 6.09326389 | 14.14 | 22.4734 |
| 5.73064815 | 14.52 | 24.8861 | 5.91201389 | 14.36 | 21.404 | 6.09337963 | 14.15 | 22.6312 |
| 5.73076389 | 14.53 | 24.7461 | 5.91212963 | 14.34 | 20.2001 | 6.09349537 | 14.15 | 22.5834 |
| 5.73087963 | 14.53 | 24.0453 | 5.91224537 | 14.3 | 16.6432 | 6.09361111 | 14.15 | 22.6042 |
| 5.73099537 | 14.53 | 24.1297 | 5.91236111 | 14.27 | 14.9525 | 6.09372685 | 14.12 | 22.3947 |
| 5.73111111 | 14.53 | 23.6854 | 5.91247685 | 14.31 | 18.5161 | 6.09384259 | 14.12 | 22.3804 |
| 5.73122685 | 14.53 | 24.2053 | 5.91259259 | 14.27 | 16.3935 | 6.09395833 | 14.15 | 22.6771 |
| 5.73134259 | 14.53 | 24.1722 | 5.91270833 | 14.33 | 19.0418 | 6.09407407 | 14.14 | 22.3464 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73145833 | 14.53 | 24.9495 | 5.91282407 | 14.27 | 16.396 | 6.09418982 | 14.14 | 22.4549 |
| 5.73157407 | 14.53 | 24.6528 | 5.91293982 | 14.23 | 13.4522 | 6.09430556 | 14.15 | 22.5771 |
| 5.73168982 | 14.53 | 23.8849 | 5.91305556 | 14.3 | 17.1078 | 6.0944213 | 14.14 | 22.5395 |
| 5.73180556 | 14.56 | 22.7239 | 5.9131713 | 14.34 | 21.5277 | 6.09453704 | 14.15 | 22.5233 |
| 5.7319213 | 14.53 | 25.0851 | 5.91328704 | 14.29 | 16.2408 | 6.09465278 | 14.15 | 22.5047 |
| 5.73203704 | 14.55 | 23.9863 | 5.91340278 | 14.23 | 12.2895 | 6.09476852 | 14.16 | 22.7826 |
| 5.73215278 | 14.56 | 24.0619 | 5.91351852 | 14.27 | 14.9254 | 6.09488426 | 14.16 | 22.88 |
| 5.73226852 | 14.53 | 24.9196 | 5.91363426 | 14.3 | 15.2373 | 6.095 | 14.18 | 22.9769 |
| 5.73238426 | 14.53 | 23.024 | 5.91375 | 14.3 | 14.9057 | 6.09511574 | 14.14 | 22.5208 |
| 5.7325 | 14.55 | 25.5522 | 5.91386574 | 14.34 | 16.2212 | 6.09523148 | 14.14 | 22.556 |
| 5.73261574 | 14.53 | 25.2962 | 5.91398148 | 14.31 | 13.5494 | 6.09534722 | 14.14 | 22.4734 |
| 5.73273148 | 14.55 | 24.9018 | 5.91409722 | 14.3 | 13.346 | 6.09546296 | 14.12 | 22.303 |
| 5.73284722 | 14.55 | 23.0946 | 5.91421296 | 14.27 | 10.6138 | 6.0955787 | 14.15 | 22.7548 |
| 5.73296296 | 14.55 | 24.2902 | 5.9143287 | 14.31 | 14.155 | 6.09569444 | 14.14 | 22.5622 |
| 5.7330787 | 14.53 | 23.8595 | 5.91444444 | 14.27 | 11.874 | 6.09581019 | 14.12 | 22.4418 |
| 5.73319444 | 14.55 | 25.0471 | 5.91456019 | 14.29 | 11.6294 | 6.09592593 | 14.11 | 22.3474 |
| 5.73331019 | 14.55 | 24.4243 | 5.91467593 | 14.3 | 12.4986 | 6.09604167 | 14.11 | 22.4991 |
| 5.73342593 | 14.56 | 23.5494 | 5.91479167 | 14.3 | 12.5048 | 6.09615741 | 14.15 | 22.9306 |
| 5.73354167 | 14.56 | 23.5314 | 5.91490741 | 14.3 | 12.7285 | 6.09627315 | 14.15 | 22.8244 |
| 5.73365741 | 14.58 | 23.822 | 5.91502315 | 14.29 | 11.9518 | 6.09638889 | 14.18 | 23.3462 |
| 5.73377315 | 14.62 | 22.2325 | 5.91513889 | 14.3 | 13.0384 | 6.09650463 | 14.16 | 23.1418 |
| 5.73388889 | 14.63 | 21.3492 | 5.91525463 | 14.27 | 12.9091 | 6.09662037 | 14.18 | 23.1017 |
| 5.73400463 | 14.64 | 21.5352 | 5.91537037 | 14.25 | 13.2599 | 6.09673611 | 14.16 | 23.1483 |
| 5.73412037 | 14.62 | 22.6384 | 5.91548611 | 14.26 | 13.6247 | 6.09685185 | 14.14 | 22.7144 |
| 5.73423611 | 14.6 | 23.7204 | 5.91560185 | 14.16 | 9.2249 | 6.09696759 | 14.16 | 23.2835 |
| 5.73435185 | 14.59 | 23.7059 | 5.91571759 | 14.16 | 9.673 | 6.09708333 | 14.14 | 22.9642 |
| 5.73446759 | 14.62 | 22.3164 | 5.91583333 | 14.05 | 5.5234 | 6.09719907 | 14.15 | 22.8837 |
| 5.73458333 | 14.62 | 21.8392 | 5.91594907 | 14.15 | 9.9739 | 6.09731482 | 14.14 | 22.7585 |
| 5.73469907 | 14.62 | 22.1027 | 5.91606482 | 14.3 | 14.9575 | 6.09743056 | 14.14 | 22.7186 |
| 5.73481482 | 14.6 | 23.2512 | 5.91618056 | 14.26 | 14.1225 | 6.0975463 | 14.11 | 22.4415 |
| 5.73493056 | 14.59 | 24.4281 | 5.9162963 | 14.16 | 9.2937 | 6.09766204 | 14.12 | 22.5139 |
| 5.7350463 | 14.56 | 25.3461 | 5.91641204 | 14.07 | 5.9448 | 6.09777778 | 14.12 | 22.7094 |
| 5.73516204 | 14.59 | 23.4841 | 5.91652778 | 14.22 | 12.5988 | 6.09789352 | 14.19 | 23.36 |
| 5.73527778 | 14.58 | 24.2858 | 5.91664352 | 14.12 | 9.0738 | 6.09800926 | 14.16 | 22.9974 |
| 5.73539352 | 14.59 | 24.0739 | 5.91675926 | 14.05 | 6.6416 | 6.098125 | 14.19 | 23.3865 |
| 5.73550926 | 14.59 | 23.4998 | 5.916875 | 14.23 | 12.8194 | 6.09824074 | 14.2 | 23.4447 |
| 5.735625 | 14.62 | 21.7329 | 5.91699074 | 14.19 | 8.5204 | 6.09835648 | 14.18 | 23.2212 |
| 5.73574074 | 14.6 | 22.794 | 5.91710648 | 14.04 | 6.2525 | 6.09847222 | 14.18 | 23.2059 |
| 5.73585648 | 14.6 | 23.6157 | 5.91722222 | 14.23 | 12.9329 | 6.09858796 | 14.16 | 23.0964 |
| 5.73597222 | 14.56 | 25.359 | 5.91733796 | 14.08 | 6.633 | 6.0987037 | 14.19 | 23.2918 |
| 5.73608796 | 14.58 | 24.3935 | 5.9174537 | 14.07 | 7.3069 | 6.09881944 | 13.63 | 11.7483 |
| 5.7362037 | 14.6 | 22.6164 | 5.91756944 | 14.05 | 8.0212 | 6.09893519 | 13.31 | 7.4128 |
| 5.73631944 | 14.62 | 21.8629 | 5.91768519 | 14.14 | 11.0146 | 6.09905093 | 13.67 | 18.4879 |
| 5.73643519 | 14.6 | 22.8409 | 5.91780093 | 14.11 | 8.6961 | 6.09916667 | 14.07 | 23.1328 |
| 5.73655093 | 14.59 | 22.9799 | 5.91791667 | 14.09 | 8.5924 | 6.09928241 | 14.16 | 23.6547 |
| 5.73666667 | 14.62 | 21.475 | 5.91803241 | 14.04 | 6.407 | 6.09939815 | 14.22 | 23.9578 |
| 5.73678241 | 14.59 | 24.1138 | 5.91814815 | 14.04 | 6.2303 | 6.09951389 | 14.23 | 23.9239 |
| 5.73689815 | 14.55 | 24.9367 | 5.91826389 | 14.04 | 5.7534 | 6.09962963 | 14.23 | 24.0303 |
| 5.73701389 | 14.56 | 24.9578 | 5.91837963 | 14.19 | 13.332 | 6.09974537 | 14.23 | 23.839 |
| 5.73712963 | 14.55 | 25.5365 | 5.91849537 | 14.09 | 8.3641 | 6.09986111 | 14.16 | 23.0145 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73724537 | 14.59 | 23.5968 | 5.91861111 | 14.04 | 6.3491 | 6.09997685 | 14.14 | 22.8387 |
| 5.73736111 | 14.56 | 25.4313 | 5.91872685 | 14.08 | 7.4643 | 6.10009259 | 14.01 | 21.4474 |
| 5.73747685 | 14.56 | 24.6975 | 5.91884259 | 14.07 | 7.7128 | 6.10020833 | 14.18 | 23.4568 |
| 5.73759259 | 14.6 | 22.8473 | 5.91895833 | 14.01 | 5.9435 | 6.10032407 | 14.19 | 23.4752 |
| 5.73770833 | 14.59 | 22.819 | 5.91907407 | 14.01 | 6.4785 | 6.10043982 | 14.12 | 22.5822 |
| 5.73782407 | 14.58 | 23.7669 | 5.91918982 | 13.98 | 5.7713 | 6.10055556 | 13.93 | 20.5674 |
| 5.73793982 | 14.58 | 24.8528 | 5.91930556 | 13.96 | 5.242 | 6.1006713 | 14.2 | 23.7957 |
| 5.73805556 | 14.62 | 21.0392 | 5.9194213 | 13.94 | 5.202 | 6.10078704 | 14.23 | 23.9816 |
| 5.7381713 | 14.63 | 20.7046 | 5.91953704 | 13.98 | 5.9462 | 6.10090278 | 14.23 | 23.8138 |
| 5.73828704 | 14.6 | 23.5523 | 5.91965278 | 13.94 | 5.3962 | 6.10101852 | 14.22 | 23.8818 |
| 5.73840278 | 14.56 | 25.577 | 5.91976852 | 13.94 | 5.4103 | 6.10113426 | 14.18 | 23.3815 |
| 5.73851852 | 14.59 | 23.2417 | 5.91988426 | 13.96 | 5.6327 | 6.10125 | 14.19 | 23.6296 |
| 5.73863426 | 14.62 | 22.2509 | 5.92 | 13.97 | 5.7689 | 6.10136574 | 14.22 | 23.4704 |
| 5.73875 | 14.62 | 21.9284 | 5.92011574 | 13.94 | 5.379 | 6.10148148 | 14.19 | 23.4997 |
| 5.73886574 | 14.62 | 21.3851 | 5.92023148 | 13.94 | 5.5928 | 6.10159722 | 14.18 | 23.2321 |
| 5.73898148 | 14.63 | 21.5581 | 5.92034722 | 13.98 | 7.2385 | 6.10171296 | 14.19 | 23.3028 |
| 5.73909722 | 14.63 | 21.6531 | 5.92046296 | 13.94 | 6.3132 | 6.1018287 | 13.74 | 15.0238 |
| 5.73921296 | 14.62 | 21.9205 | 5.9205787 | 13.92 | 5.6051 | 6.10194444 | 13.48 | 9.3964 |
| 5.7393287 | 14.62 | 21.7368 | 5.92069444 | 13.94 | 6.1035 | 6.10206019 | 13.64 | 16.4702 |
| 5.73944444 | 14.59 | 23.3235 | 5.92081019 | 13.93 | 5.8153 | 6.10217593 | 14 | 22.4704 |
| 5.73956019 | 14.55 | 24.9617 | 5.92092593 | 13.92 | 5.6726 | 6.10229167 | 14.03 | 22.0711 |
| 5.73967593 | 14.6 | 21.486 | 5.92104167 | 13.92 | 5.7304 | 6.10240741 | 14.12 | 23.3735 |
| 5.73979167 | 14.62 | 20.9432 | 5.92115741 | 13.92 | 5.7406 | 6.10252315 | 14.18 | 23.6605 |
| 5.73990741 | 14.62 | 22.0263 | 5.92127315 | 13.92 | 5.6986 | 6.10263889 | 14.2 | 23.7706 |
| 5.74002315 | 14.58 | 23.4565 | 5.92138889 | 13.9 | 5.6515 | 6.10275463 | 14.15 | 23.2348 |
| 5.74013889 | 14.56 | 23.6104 | 5.92150463 | 13.9 | 5.5936 | 6.10287037 | 14.08 | 22.4342 |
| 5.74025463 | 14.56 | 24.6412 | 5.92162037 | 13.9 | 5.5936 | 6.10298611 | 14 | 21.8026 |
| 5.74037037 | 14.56 | 24.551 | 5.92173611 | 13.9 | 5.6099 | 6.10310185 | 14.03 | 22.0692 |
| 5.74048611 | 14.58 | 23.5058 | 5.92185185 | 13.89 | 5.5524 | 6.10321759 | 14.11 | 23.1046 |
| 5.74060185 | 14.58 | 23.7577 | 5.92196759 | 13.9 | 5.5654 | 6.10333333 | 14.11 | 22.9095 |
| 5.74071759 | 14.56 | 22.458 | 5.92208333 | 13.9 | 5.5904 | 6.10344907 | 14.09 | 22.6579 |
| 5.74083333 | 14.56 | 23.8688 | 5.92219907 | 13.9 | 5.6093 | 6.10356482 | 14.01 | 21.9006 |
| 5.74094907 | 14.58 | 24.0706 | 5.92231482 | 13.9 | 5.6055 | 6.10368056 | 14.03 | 22.101 |
| 5.74106482 | 14.56 | 24.8085 | 5.92243056 | 13.9 | 5.7422 | 6.1037963 | 14.08 | 22.6076 |
| 5.74118056 | 14.56 | 20.7327 | 5.9225463 | 13.9 | 5.63 | 6.10391204 | 14.04 | 22.1533 |
| 5.7412963 | 14.58 | 21.9051 | 5.92266204 | 13.89 | 5.6107 | 6.10402778 | 14.04 | 22.1834 |
| 5.74141204 | 14.58 | 22.0429 | 5.92277778 | 13.9 | 5.7985 | 6.10414352 | 14.08 | 22.6617 |
| 5.74152778 | 14.59 | 22.0252 | 5.92289352 | 13.9 | 5.7985 | 6.10425926 | 14.08 | 22.6221 |
| 5.74164352 | 14.6 | 22.8495 | 5.92300926 | 13.9 | 5.7742 | 6.104375 | 14.09 | 22.6955 |
| 5.74175926 | 14.59 | 23.0623 | 5.923125 | 13.89 | 5.818 | 6.10449074 | 14.03 | 22.2334 |
| 5.741875 | 14.58 | 24.5238 | 5.92324074 | 13.87 | 5.8636 | 6.10460648 | 14.11 | 22.8099 |
| 5.74199074 | 14.58 | 25.6032 | 5.92335648 | 13.87 | 5.8966 | 6.10472222 | 14.12 | 23.0061 |
| 5.74210648 | 14.56 | 25.4805 | 5.92347222 | 13.89 | 6.3186 | 6.10483796 | 14.12 | 22.9547 |
| 5.74222222 | 14.6 | 18.0004 | 5.92358796 | 13.87 | 6.1338 | 6.1049537 | 14.11 | 22.774 |
| 5.74233796 | 14.59 | 22.7276 | 5.9237037 | 13.87 | 6.0893 | 6.10506944 | 14.14 | 23.0436 |
| 5.7424537 | 14.58 | 23.6505 | 5.92381944 | 13.86 | 6.229 | 6.10518519 | 14.03 | 21.6233 |
| 5.74256944 | 14.56 | 24.5219 | 5.92393519 | 13.86 | 6.2082 | 6.10530093 | 13.57 | 11.2304 |
| 5.74268519 | 14.56 | 24.3412 | 5.92405093 | 13.86 | 6.5742 | 6.10541667 | 13.64 | 16.1144 |
| 5.74280093 | 14.56 | 24.7049 | 5.92416667 | 13.86 | 5.9587 | 6.10553241 | 14.01 | 21.8987 |
| 5.74291667 | 14.56 | 24.9653 | 5.92428241 | 13.86 | 6.8877 | 6.10564815 | 13.81 | 19.1608 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74303241 | 14.56 | 25.5013 | 5.92439815 | 13.83 | 5.8348 | 6.10576389 | 13.42 | 11.1626 |
| 5.74314815 | 14.56 | 25.2947 | 5.92451389 | 13.83 | 6.087 | 6.10587963 | 13.74 | 18.5579 |
| 5.74326389 | 14.56 | 26.5511 | 5.92462963 | 13.83 | 6.1042 | 6.10599537 | 13.82 | 19.622 |
| 5.74337963 | 14.56 | 26.3014 | 5.92474537 | 13.83 | 5.9679 | 6.10611111 | 13.54 | 14.4693 |
| 5.74349537 | 14.55 | 25.6255 | 5.92486111 | 13.85 | 6.7967 | 6.10622685 | 13.92 | 21.3971 |
| 5.74361111 | 14.56 | 25.2257 | 5.92497685 | 13.83 | 6.2614 | 6.10634259 | 13.86 | 19.8995 |
| 5.74372685 | 14.56 | 25.408 | 5.92509259 | 13.83 | 6.1135 | 6.10645833 | 13.94 | 21.6948 |
| 5.74384259 | 14.56 | 25.6926 | 5.92520833 | 13.83 | 6.2776 | 6.10657407 | 14 | 22.2083 |
| 5.74395833 | 14.56 | 25.7719 | 5.92532407 | 13.82 | 6.2536 | 6.10668982 | 14.08 | 22.9038 |
| 5.74407407 | 14.55 | 25.9145 | 5.92543982 | 13.82 | 6.1384 | 6.10680556 | 14.11 | 23.1067 |
| 5.74418982 | 14.56 | 24.8606 | 5.92555556 | 13.79 | 6.1946 | 6.1069213 | 14.05 | 22.1957 |
| 5.74430556 | 14.56 | 25.9776 | 5.9256713 | 13.78 | 6.1374 | 6.10703704 | 14.03 | 22.2778 |
| 5.7444213 | 14.55 | 25.7124 | 5.92578704 | 13.78 | 6.0446 | 6.10715278 | 14.11 | 22.95 |
| 5.74453704 | 14.55 | 25.9654 | 5.92590278 | 13.78 | 6.1055 | 6.10726852 | 13.96 | 21.1141 |
| 5.74465278 | 14.56 | 25.8437 | 5.92601852 | 13.75 | 6.0837 | 6.10738426 | 13.82 | 19.2972 |
| 5.74476852 | 14.56 | 24.9104 | 5.92613426 | 13.75 | 6.5491 | 6.1075 | 13.38 | 11.2364 |
| 5.74488426 | 14.55 | 25.8877 | 5.92625 | 13.75 | 6.3001 | 6.10761574 | 13.92 | 21.6329 |
| 5.745 | 14.56 | 26.0315 | 5.92636574 | 13.74 | 6.1959 | 6.10773148 | 13.61 | 13.19 |
| 5.74511574 | 14.55 | 25.7467 | 5.92648148 | 13.72 | 6.0838 | 6.10784722 | 13.2 | 6.6137 |
| 5.74523148 | 14.56 | 25.849 | 5.92659722 | 13.74 | 6.1845 | 6.10796296 | 13.12 | 6.2002 |
| 5.74534722 | 14.56 | 24.8904 | 5.92671296 | 13.72 | 6.1716 | 6.1080787 | 13.09 | 6.0431 |
| 5.74546296 | 14.55 | 25.1888 | 5.9268287 | 13.74 | 6.1624 | 6.10819444 | 13.08 | 5.8494 |
| 5.7455787 | 14.58 | 21.3063 | 5.92694444 | 13.74 | 6.2665 | 6.10831019 | 13.06 | 5.9394 |
| 5.74569444 | 14.56 | 22.9351 | 5.92706019 | 13.74 | 6.1912 | 6.10842593 | 13.06 | 6.3146 |
| 5.74581019 | 14.58 | 22.6469 | 5.92717593 | 13.74 | 6.1304 | 6.10854167 | 13.53 | 15.9016 |
| 5.74592593 | 14.56 | 24.2364 | 5.92729167 | 13.75 | 6.3395 | 6.10865741 | 13.17 | 8.8016 |
| 5.74604167 | 14.56 | 24.6436 | 5.92740741 | 13.74 | 6.1966 | 6.10877315 | 13.78 | 19.7427 |
| 5.74615741 | 14.56 | 24.9128 | 5.92752315 | 13.74 | 6.1604 | 6.10888889 | 13.39 | 10.9699 |
| 5.74627315 | 14.56 | 25.1164 | 5.92763889 | 13.72 | 6.1736 | 6.10900463 | 13.57 | 14.693 |
| 5.74638889 | 14.55 | 25.2577 | 5.92775463 | 13.72 | 6.1476 | 6.10912037 | 13.3 | 11.0592 |
| 5.74650463 | 14.55 | 25.1228 | 5.92787037 | 13.72 | 6.1296 | 6.10923611 | 13.53 | 15.7049 |
| 5.74662037 | 14.55 | 24.7039 | 5.92798611 | 13.72 | 6.163 | 6.10935185 | 13.23 | 9.7972 |
| 5.74673611 | 14.55 | 25.0295 | 5.92810185 | 13.71 | 6.1132 | 6.10946759 | 13.22 | 7.6904 |
| 5.74685185 | 14.55 | 16.3793 | 5.92821759 | 13.72 | 6.1823 | 6.10958333 | 13.13 | 7.3977 |
| 5.74696759 | 14.55 | 18.182 | 5.92833333 | 13.72 | 6.3131 | 6.10969907 | 13.15 | 7.4422 |
| 5.74708333 | 14.55 | 23.0035 | 5.92844907 | 13.72 | 6.2219 | 6.10981482 | 13.59 | 14.1395 |
| 5.74719907 | 14.56 | 24.4783 | 5.92856482 | 13.72 | 6.2105 | 6.10993056 | 13.13 | 6.9214 |
| 5.74731482 | 14.55 | 24.4652 | 5.92868056 | 13.74 | 6.2073 | 6.1100463 | 13.08 | 6.3434 |
| 5.74743056 | 14.55 | 22.3072 | 5.9287963 | 13.72 | 6.2132 | 6.11016204 | 13.08 | 6.8531 |
| 5.7475463 | 14.55 | 19.0416 | 5.92891204 | 13.72 | 6.1844 | 6.11027778 | 13.08 | 6.5769 |
| 5.74766204 | 14.55 | 23.0425 | 5.92902778 | 13.74 | 6.214 | 6.11039352 | 13.06 | 6.2907 |
| 5.74777778 | 14.53 | 14.5914 | 5.92914352 | 13.72 | 6.1924 | 6.11050926 | 13.05 | 6.1074 |
| 5.74789352 | 14.55 | 21.2151 | 5.92925926 | 13.72 | 6.1596 | 6.110625 | 13.05 | 6.078 |
| 5.74800926 | 14.55 | 24.4146 | 5.929375 | 13.72 | 6.1716 | 6.11074074 | 13.05 | 6.1027 |
| 5.748125 | 14.53 | 21.4096 | 5.92949074 | 13.74 | 6.2362 | 6.11085648 | 13.06 | 6.1466 |
| 5.74824074 | 14.53 | 24.5796 | 5.92960648 | 13.72 | 6.2179 | 6.11097222 | 13.05 | 6.1563 |
| 5.74835648 | 14.55 | 24.1385 | 5.92972222 | 13.72 | 6.2725 | 6.11108796 | 13.06 | 6.2126 |
| 5.74847222 | 14.53 | 17.5637 | 5.92983796 | 13.74 | 6.2699 | 6.1112037 | 13.05 | 6.2001 |
| 5.74858796 | 14.55 | 21.1627 | 5.9299537 | 13.72 | 6.305 | 6.11131944 | 13.06 | 6.1931 |
| 5.7487037 | 14.55 | 23.9189 | 5.93006944 | 13.74 | 6.297 | 6.11143519 | 13.06 | 6.4687 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74881944 | 14.55 | 24.2545 | 5.93018519 | 13.74 | 6.316 | 6.11155093 | 13.06 | 6.4383 |
| 5.74893519 | 14.53 | 23.5135 | 5.93030093 | 13.74 | 6.3533 | 6.11166667 | 13.16 | 8.4068 |
| 5.74905093 | 14.55 | 25.2475 | 5.93041667 | 13.75 | 6.3763 | 6.11178241 | 13.34 | 12.7109 |
| 5.74916667 | 14.53 | 24.2289 | 5.93053241 | 13.75 | 6.3858 | 6.11189815 | 13.5 | 16.9307 |
| 5.74928241 | 14.55 | 24.6793 | 5.93064815 | 13.74 | 6.3752 | 6.11201389 | 13.57 | 17.3011 |
| 5.74939815 | 14.55 | 25.3423 | 5.93076389 | 13.74 | 6.3964 | 6.11212963 | 13.2 | 7.9052 |
| 5.74951389 | 14.55 | 25.0672 | 5.93087963 | 13.72 | 6.4093 | 6.11224537 | 13.11 | 6.504 |
| 5.74962963 | 14.55 | 25.3269 | 5.93099537 | 13.71 | 6.3788 | 6.11236111 | 13.12 | 7.1374 |
| 5.74974537 | 14.55 | 25.5079 | 5.93111111 | 13.71 | 6.3856 | 6.11247685 | 13.06 | 6.3351 |
| 5.74986111 | 14.53 | 20.5922 | 5.93122685 | 13.71 | 6.3576 | 6.11259259 | 13.05 | 6.3937 |
| 5.74997685 | 14.55 | 25.636 | 5.93134259 | 13.7 | 6.3572 | 6.11270833 | 13.23 | 11.4826 |
| 5.75009259 | 14.55 | 24.8173 | 5.93145833 | 13.7 | 6.3599 | 6.11282407 | 13.17 | 8.058 |
| 5.75020833 | 14.55 | 25.885 | 5.93157407 | 13.7 | 6.3633 | 6.11293982 | 13.09 | 6.9033 |
| 5.75032407 | 14.55 | 24.8993 | 5.93168982 | 13.7 | 6.3627 | 6.11305556 | 13.11 | 7.3615 |
| 5.75043982 | 14.55 | 25.8317 | 5.93180556 | 13.7 | 6.3599 | 6.1131713 | 13.09 | 7.476 |
| 5.75055556 | 14.55 | 25.7414 | 5.9319213 | 13.68 | 6.353 | 6.11328704 | 13.06 | 6.6394 |
| 5.7506713 | 14.55 | 25.7891 | 5.93203704 | 13.68 | 6.3394 | 6.11340278 | 13.17 | 8.6308 |
| 5.75078704 | 14.55 | 25.0824 | 5.93215278 | 13.68 | 6.2682 | 6.11351852 | 13.41 | 13.3941 |
| 5.75090278 | 14.56 | 25.5222 | 5.93226852 | 13.67 | 6.2908 | 6.11363426 | 13.13 | 7.7785 |
| 5.75101852 | 14.55 | 26.0733 | 5.93238426 | 13.65 | 6.2373 | 6.11375 | 13.09 | 6.8176 |
| 5.75113426 | 14.56 | 25.9857 | 5.9325 | 13.64 | 6.2032 | 6.11386574 | 13.06 | 6.5544 |
| 5.75125 | 14.55 | 26.0733 | 5.93261574 | 13.65 | 6.1922 | 6.11398148 | 13.06 | 6.546 |
| 5.75136574 | 14.55 | 25.6202 | 5.93273148 | 13.64 | 6.1891 | 6.11409722 | 13.05 | 6.6087 |
| 5.75148148 | 14.55 | 25.5418 | 5.93284722 | 13.65 | 6.1822 | 6.11421296 | 13.06 | 7.0075 |
| 5.75159722 | 14.55 | 26.0085 | 5.93296296 | 13.64 | 6.161 | 6.1143287 | 13.02 | 6.3458 |
| 5.75171296 | 14.55 | 26.0382 | 5.9330787 | 13.64 | 6.1697 | 6.11444444 | 13.02 | 6.3301 |
| 5.7518287 | 14.55 | 25.4611 | 5.93319444 | 13.64 | 6.1764 | 6.11456019 | 13.02 | 6.2904 |
| 5.75194444 | 14.53 | 20.8795 | 5.93331019 | 13.61 | 6.1571 | 6.11467593 | 13.01 | 6.2662 |
| 5.75206019 | 14.55 | 23.2677 | 5.93342593 | 13.63 | 6.1499 | 6.11479167 | 13.01 | 6.2086 |
| 5.75217593 | 14.53 | 25.6465 | 5.93354167 | 13.63 | 6.1352 | 6.11490741 | 13 | 6.1523 |
| 5.75229167 | 14.55 | 26.0896 | 5.93365741 | 13.63 | 6.0562 | 6.11502315 | 13 | 6.1509 |
| 5.75240741 | 14.55 | 26.1984 | 5.93377315 | 13.63 | 6.1686 | 6.11513889 | 13.01 | 6.1547 |
| 5.75252315 | 14.55 | 26.2121 | 5.93388889 | 13.63 | 6.1406 | 6.11525463 | 13 | 6.1341 |
| 5.75263889 | 14.53 | 24.6797 | 5.93400463 | 13.63 | 6.1439 | 6.11537037 | 13.01 | 6.4273 |
| 5.75275463 | 14.53 | 25.5444 | 5.93412037 | 13.63 | 6.1046 | 6.11548611 | 13.05 | 8.7492 |
| 5.75287037 | 14.55 | 25.821 | 5.93423611 | 13.63 | 6.0867 | 6.11560185 | 13.65 | 18.505 |
| 5.75298611 | 14.53 | 21.8639 | 5.93435185 | 13.63 | 6.1092 | 6.11571759 | 13.81 | 21.3659 |
| 5.75310185 | 14.55 | 26.0842 | 5.93446759 | 13.61 | 5.9671 | 6.11583333 | 13.59 | 15.5525 |
| 5.75321759 | 14.55 | 26.3909 | 5.93458333 | 13.61 | 5.9612 | 6.11594907 | 13.15 | 7.6002 |
| 5.75333333 | 14.55 | 26.1385 | 5.93469907 | 13.63 | 6.078 | 6.11606482 | 13.08 | 6.7757 |
| 5.75344907 | 14.52 | 17.6601 | 5.93481482 | 13.64 | 6.1831 | 6.11618056 | 13.04 | 6.5697 |
| 5.75356482 | 14.55 | 25.5993 | 5.93493056 | 13.65 | 6.2211 | 6.1162963 | 13.23 | 12.4714 |
| 5.75368056 | 14.53 | 22.049 | 5.9350463 | 13.65 | 6.2501 | 6.11641204 | 13.08 | 7.0837 |
| 5.7537963 | 14.55 | 25.5888 | 5.93516204 | 13.65 | 6.244 | 6.11652778 | 13.02 | 6.4035 |
| 5.75391204 | 14.53 | 23.491 | 5.93527778 | 13.65 | 6.2285 | 6.11664352 | 13.02 | 6.5767 |
| 5.75402778 | 14.53 | 24.0781 | 5.93539352 | 13.65 | 6.248 | 6.11675926 | 13.02 | 6.5172 |
| 5.75414352 | 14.51 | 14.9785 | 5.93550926 | 13.65 | 6.1775 | 6.116875 | 13.04 | 6.6513 |
| 5.75425926 | 14.53 | 22.1093 | 5.935625 | 13.65 | 6.1962 | 6.11699074 | 13.02 | 6.3417 |
| 5.754375 | 14.53 | 22.0571 | 5.93574074 | 13.63 | 6.0298 | 6.11710648 | 13.04 | 7.0456 |
| 5.75449074 | 14.53 | 23.6899 | 5.93585648 | 13.64 | 6.0626 | 6.11722222 | 13.04 | 6.8459 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.75460648 | 14.53 | 25.6308 | 5.93597222 | 13.64 | 6.1103 | 6.11733796 | 13.01 | 6.3003 |
| 5.75472222 | 14.53 | 23.3283 | 5.93608796 | 13.67 | 6.4093 | 6.1174537 | 13.04 | 6.9159 |
| 5.75483796 | 14.53 | 24.9395 | 5.9362037 | 13.67 | 6.2018 | 6.11756944 | 13.39 | 15.1144 |
| 5.7549537 | 14.55 | 25.5862 | 5.93631944 | 13.67 | 6.2806 | 6.11768519 | 13.48 | 17.0228 |
| 5.75506944 | 14.55 | 25.2833 | 5.93643519 | 13.67 | 6.1569 | 6.11780093 | 13.22 | 8.9601 |
| 5.75518519 | 14.53 | 24.5991 | 5.93655093 | 13.67 | 6.1756 | 6.11791667 | 13.23 | 11.0669 |
| 5.75530093 | 14.55 | 25.2168 | 5.93666667 | 13.67 | 6.3874 | 6.11803241 | 13.53 | 18.2107 |
| 5.75541667 | 14.55 | 24.9192 | 5.93678241 | 13.67 | 6.1089 | 6.11814815 | 13.48 | 15.5491 |
| 5.75553241 | 14.55 | 24.6842 | 5.93689815 | 13.67 | 6.0143 | 6.11826389 | 13.08 | 6.8086 |
| 5.75564815 | 14.56 | 25.0381 | 5.93701389 | 13.65 | 6.2083 | 6.11837963 | 13.37 | 13.6138 |
| 5.75576389 | 14.56 | 25.1037 | 5.93712963 | 13.65 | 6.0981 | 6.11849537 | 13.31 | 11.5891 |
| 5.75587963 | 14.55 | 25.3784 | 5.93724537 | 13.65 | 6.3402 | 6.11861111 | 13.43 | 14.1814 |
| 5.75599537 | 14.55 | 25.8931 | 5.93736111 | 13.65 | 5.999 | 6.11872685 | 13.72 | 20.2623 |
| 5.75611111 | 14.55 | 25.3269 | 5.93747685 | 13.65 | 6.0194 | 6.11884259 | 13.3 | 10.5984 |
| 5.75622685 | 14.55 | 26.0923 | 5.93759259 | 13.67 | 5.7861 | 6.11895833 | 13.15 | 8.2034 |
| 5.75634259 | 14.55 | 25.4456 | 5.93770833 | 13.65 | 5.8762 | 6.11907407 | 13.12 | 8.1029 |
| 5.75645833 | 14.55 | 24.4749 | 5.93782407 | 13.65 | 6.1107 | 6.11918982 | 13.32 | 12.7196 |
| 5.75657407 | 14.55 | 23.7943 | 5.93793982 | 13.65 | 6.0689 | 6.11930556 | 13.15 | 8.4467 |
| 5.75668982 | 14.55 | 24.4291 | 5.93805556 | 13.64 | 5.9488 | 6.1194213 | 13.11 | 7.5147 |
| 5.75680556 | 14.55 | 24.8223 | 5.9381713 | 13.65 | 5.8458 | 6.11953704 | 13.23 | 9.6702 |
| 5.7569213 | 14.55 | 23.8634 | 5.93828704 | 13.64 | 6.0705 | 6.11965278 | 13.13 | 8.0689 |
| 5.75703704 | 14.52 | 19.2457 | 5.93840278 | 13.65 | 6.0835 | 6.11976852 | 13.06 | 6.8143 |
| 5.75715278 | 14.55 | 24.9267 | 5.93851852 | 13.64 | 5.8927 | 6.11988426 | 13.06 | 6.7649 |
| 5.75726852 | 14.55 | 25.4871 | 5.93863426 | 13.64 | 6.2072 | 6.12 | 13.09 | 7.8053 |
| 5.75738426 | 14.55 | 25.2551 | 5.93875 | 13.65 | 5.8445 | 6.12011574 | 13.02 | 6.5096 |
| 5.7575 | 14.53 | 23.6649 | 5.93886574 | 13.67 | 5.8635 | 6.12023148 | 13.16 | 9.1241 |
| 5.75761574 | 14.53 | 21.6386 | 5.93898148 | 13.67 | 5.8492 | 6.12034722 | 13.09 | 7.7562 |
| 5.75773148 | 14.55 | 25.3012 | 5.93909722 | 13.67 | 5.7919 | 6.12046296 | 13.22 | 10.2606 |
| 5.75784722 | 14.55 | 25.2347 | 5.93921296 | 13.65 | 5.9472 | 6.1205787 | 13.11 | 8.2508 |
| 5.75796296 | 14.53 | 24.7608 | 5.9393287 | 13.64 | 6.2571 | 6.12069444 | 13.04 | 6.9355 |
| 5.7580787 | 14.53 | 24.1745 | 5.93944444 | 13.65 | 5.9146 | 6.12081019 | 13.27 | 12.0947 |
| 5.75819444 | 14.55 | 25.1431 | 5.93956019 | 13.67 | 5.9272 | 6.12092593 | 13.22 | 10.8023 |
| 5.75831019 | 14.55 | 25.6992 | 5.93967593 | 13.67 | 6.0071 | 6.12104167 | 13.11 | 8.1027 |
| 5.75842593 | 14.53 | 24.184 | 5.93979167 | 13.67 | 5.879 | 6.12115741 | 13.34 | 12.2451 |
| 5.75854167 | 14.53 | 24.8301 | 5.93990741 | 13.65 | 6.148 | 6.12127315 | 13.3 | 11.4764 |
| 5.75865741 | 14.55 | 24.8496 | 5.94002315 | 13.67 | 5.9461 | 6.12138889 | 13.37 | 12.1201 |
| 5.75877315 | 14.55 | 25.5313 | 5.94013889 | 13.67 | 5.9736 | 6.12150463 | 13.3 | 10.0286 |
| 5.75888889 | 14.55 | 24.8496 | 5.94025463 | 13.67 | 6.1036 | 6.12162037 | 13.22 | 8.516 |
| 5.75900463 | 14.55 | 25.0925 | 5.94037037 | 13.67 | 6.0658 | 6.12173611 | 13.06 | 7.0316 |
| 5.75912037 | 14.55 | 25.1532 | 5.94048611 | 13.67 | 5.8855 | 6.12185185 | 13.46 | 16.7234 |
| 5.75923611 | 14.55 | 24.9317 | 5.94060185 | 13.68 | 6.0589 | 6.12196759 | 13.7 | 19.0347 |
| 5.75935185 | 14.55 | 25.7573 | 5.94071759 | 13.67 | 5.8596 | 6.12208333 | 13.26 | 10.5324 |
| 5.75946759 | 14.55 | 25.6939 | 5.94083333 | 13.68 | 5.8671 | 6.12219907 | 13.34 | 13.8169 |
| 5.75958333 | 14.55 | 25.845 | 5.94094907 | 13.68 | 6.0075 | 6.12231482 | 13.6 | 18.0901 |
| 5.75969907 | 14.55 | 25.9896 | 5.94106482 | 13.68 | 6.0134 | 6.12243056 | 13.23 | 10.5886 |
| 5.75981482 | 14.55 | 25.8397 | 5.94118056 | 13.67 | 5.7912 | 6.1225463 | 13.26 | 11.8489 |
| 5.75993056 | 14.56 | 25.8998 | 5.9412963 | 13.67 | 6.011 | 6.12266204 | 13.52 | 17.5037 |
| 5.7600463 | 14.56 | 25.8998 | 5.94141204 | 13.67 | 6.2617 | 6.12277778 | 13.57 | 18.1816 |
| 5.76016204 | 14.56 | 24.517 | 5.94152778 | 13.67 | 6.2105 | 6.12289352 | 13.49 | 14.1717 |
| 5.76027778 | 14.56 | 25.6899 | 5.94164352 | 13.67 | 6.3043 | 6.12300926 | 13.23 | 12.0453 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.76039352 | 14.55 | 26.0923 | 5.94175926 | 13.67 | 6.0156 | 6.123125 | 13.41 | 14.44 |
| 5.76050926 | 14.56 | 25.7507 | 5.941875 | 13.65 | 5.8497 | 6.12324074 | 13.24 | 12.3337 |
| 5.760625 | 14.55 | 26.1086 | 5.94199074 | 13.65 | 5.7142 | 6.12335648 | 13.23 | 11.535 |
| 5.76074074 | 14.56 | 26.091 | 5.94210648 | 13.65 | 5.6614 | 6.12347222 | 13 | 7.4882 |
| 5.76085648 | 14.55 | 25.885 | 5.94222222 | 13.65 | 5.6538 | 6.12358796 | 13.01 | 7.7888 |
| 5.76097222 | 14.55 | 25.9735 | 5.94233796 | 13.65 | 5.676 | 6.1237037 | 12.95 | 7.3818 |
| 5.76108796 | 14.55 | 26.1194 | 5.9424537 | 13.65 | 5.6184 | 6.12381944 | 13.37 | 16.4612 |
| 5.7612037 | 14.55 | 26.1358 | 5.94256944 | 13.65 | 5.6563 | 6.12393519 | 13.54 | 16.9788 |
| 5.76131944 | 14.55 | 26.1086 | 5.94268519 | 13.65 | 5.6995 | 6.12405093 | 13.15 | 9.8168 |
| 5.76143519 | 14.55 | 26.0733 | 5.94280093 | 13.65 | 5.7148 | 6.12416667 | 13.16 | 0.3199 |
| 5.76155093 | 14.55 | 26.2148 | 5.94291667 | 13.65 | 5.7801 | 6.12428241 | 13.04 | 6.9384 |
| 5.76166667 | 14.55 | 26.1848 | 5.94303241 | 13.65 | 5.7826 | 6.12439815 | 13.15 | 10.4672 |
| 5.76178241 | 14.55 | 25.8824 | 5.94314815 | 13.68 | 6.9206 | 6.12451389 | 13.19 | 11.7301 |
| 5.76189815 | 14.55 | 26.1657 | 5.94326389 | 13.72 | 8.2845 | 6.12462963 | 13.31 | 13.2847 |
| 5.76201389 | 14.55 | 26.1276 | 5.94337963 | 13.86 | 13.7482 | 6.12474537 | 13.46 | 14.9574 |
| 5.76212963 | 14.55 | 26.0355 | 5.94349537 | 13.75 | 9.1815 | 6.12486111 | 13.27 | 12.7036 |
| 5.76224537 | 14.55 | 25.7097 | 5.94361111 | 13.74 | 8.8298 | 6.12497685 | 13.2 | 11.6244 |
| 5.76236111 | 14.55 | 25.9843 | 5.94372685 | 13.7 | 7.0685 | | | |

DrEx 109

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.5694213 | 15 | 2.6833 | 5.74291667 | 14.5 | 25.1624 | 5.91641204 | 13.97 | 26.8976 |
| 5.56953704 | 14.98 | 4.3162 | 5.74303241 | 14.53 | 21.3566 | 5.91652778 | 13.97 | 26.9048 |
| 5.56965278 | 14.92 | 6.6032 | 5.74314815 | 14.53 | 22.3493 | 5.91664352 | 13.96 | 26.9407 |
| 5.56976852 | 14.89 | 9.3079 | 5.74326389 | 14.49 | 27.6094 | 5.91675926 | 13.97 | 26.9338 |
| 5.56988426 | 14.77 | 12.6122 | 5.74337963 | 14.5 | 25.2748 | 5.916875 | 13.97 | 26.9157 |
| 5.57 | 14.75 | 17.6953 | 5.74349537 | 14.52 | 19.0129 | 5.91699074 | 13.97 | 26.9157 |
| 5.57011574 | 14.61 | 24.6779 | 5.74361111 | 14.54 | 20.986 | 5.91710648 | 13.97 | 26.894 |
| 5.57023148 | 14.56 | 24.9243 | 5.74372685 | 14.53 | 22.9828 | 5.91722222 | 13.97 | 26.858 |
| 5.57034722 | 14.5 | 24.6523 | 5.74384259 | 14.52 | 15.2431 | 5.91733796 | 13.97 | 26.8292 |
| 5.57046296 | 14.5 | 28.0559 | 5.74395833 | 14.54 | 18.0677 | 5.9174537 | 13.97 | 26.858 |
| 5.5705787 | 14.49 | 28.1269 | 5.74407407 | 14.53 | 20.4038 | 5.91756944 | 13.97 | 26.8868 |
| 5.57069444 | 14.49 | 28.0037 | 5.74418982 | 14.54 | 21.7444 | 5.91768519 | 13.97 | 26.822 |
| 5.57081019 | 14.63 | 22.6456 | 5.74430556 | 14.5 | 25.7886 | 5.91780093 | 13.97 | 26.8328 |
| 5.57092593 | 14.57 | 23.27 | 5.7444213 | 14.53 | 17.4078 | 5.91791667 | 13.97 | 26.7862 |
| 5.57104167 | 14.65 | 20.3718 | 5.74453704 | 14.53 | 20.2558 | 5.91803241 | 13.99 | 26.7223 |
| 5.57115741 | 14.71 | 18.0608 | 5.74465278 | 14.53 | 18.1907 | 5.91814815 | 13.99 | 26.7402 |
| 5.57127315 | 14.72 | 17.5928 | 5.74476852 | 14.54 | 20.0931 | 5.91826389 | 13.99 | 26.7223 |
| 5.57138889 | 14.72 | 17.4691 | 5.74488426 | 14.54 | 18.2945 | 5.91837963 | 13.99 | 26.7045 |
| 5.57150463 | 14.67 | 20.0166 | 5.745 | 14.5 | 26.331 | 5.91849537 | 13.99 | 26.6654 |
| 5.57162037 | 14.63 | 21.9 | 5.74511574 | 14.53 | 17.683 | 5.91861111 | 13.99 | 26.63 |
| 5.57173611 | 14.59 | 24.4436 | 5.74523148 | 14.5 | 23.4986 | 5.91872685 | 13.99 | 26.4228 |
| 5.57185185 | 14.54 | 27.7442 | 5.74534722 | 14.5 | 26.9261 | 5.91884259 | 13.97 | 26.3808 |
| 5.57196759 | 14.53 | 28.1819 | 5.74546296 | 14.5 | 24.6768 | 5.91895833 | 13.97 | 26.3912 |
| 5.57208333 | 14.52 | 28.383 | 5.7455787 | 14.5 | 25.2909 | 5.91907407 | 13.97 | 26.3704 |
| 5.57219907 | 14.52 | 28.2414 | 5.74569444 | 14.49 | 25.1913 | 5.91918982 | 13.97 | 26.2908 |
| 5.57231482 | 14.56 | 27.5483 | 5.74581019 | 14.49 | 25.8998 | 5.91930556 | 13.94 | 25.9607 |
| 5.57243056 | 14.53 | 28.327 | 5.74592593 | 14.49 | 25.4666 | 5.9194213 | 13.97 | 25.8038 |
| 5.5725463 | 14.52 | 28.5382 | 5.74604167 | 14.47 | 27.5047 | 5.91953704 | 13.97 | 25.8104 |
| 5.57266204 | 14.53 | 29.0615 | 5.74615741 | 14.49 | 25.7482 | 5.91965278 | 13.97 | 25.8636 |
| 5.57277778 | 14.53 | 29.0318 | 5.74627315 | 14.49 | 27.1772 | 5.91976852 | 13.97 | 25.9071 |
| 5.57289352 | 14.53 | 28.9598 | 5.74638889 | 14.49 | 27.3198 | 5.91988426 | 13.97 | 25.9573 |
| 5.57300926 | 14.56 | 27.316 | 5.74650463 | 14.47 | 28.026 | 5.92 | 13.97 | 25.991 |
| 5.573125 | 14.67 | 23.1807 | 5.74662037 | 14.49 | 25.2298 | 5.92011574 | 13.97 | 25.991 |
| 5.57324074 | 14.63 | 25.0946 | 5.74673611 | 14.47 | 28.1094 | 5.92023148 | 13.97 | 26.0382 |
| 5.57335648 | 14.79 | 13.793 | 5.74685185 | 14.47 | 27.589 | 5.92034722 | 13.97 | 26.018 |
| 5.57347222 | 14.75 | 16.8408 | 5.74696759 | 14.47 | 26.1425 | 5.92046296 | 13.97 | 26.0416 |
| 5.57358796 | 14.77 | 23.1566 | 5.74708333 | 14.47 | 26.9984 | 5.9205787 | 13.96 | 25.9641 |
| 5.5737037 | 14.77 | 13.5129 | 5.74719907 | 14.47 | 26.8482 | 5.92069444 | 13.97 | 25.9473 |
| 5.57381944 | 14.84 | 14.8676 | 5.74731482 | 14.47 | 26.9066 | 5.92081019 | 13.96 | 25.954 |
| 5.57393519 | 14.77 | 16.1734 | 5.74743056 | 14.49 | 16.0203 | 5.92092593 | 13.94 | 25.5674 |
| 5.57405093 | 14.82 | 14.9311 | 5.7475463 | 14.47 | 12.1716 | 5.92104167 | 13.92 | 25.152 |
| 5.57416667 | 14.78 | 15.9575 | 5.74766204 | 14.47 | 24.2882 | 5.92115741 | 13.92 | 24.9896 |
| 5.57428241 | 14.85 | 14.1499 | 5.74777778 | 14.46 | 27.5846 | 5.92127315 | 13.9 | 25.0087 |
| 5.57439815 | 14.79 | 15.5803 | 5.74789352 | 14.47 | 26.3268 | 5.92138889 | 13.89 | 24.8517 |
| 5.57451389 | 14.79 | 21.6244 | 5.74800926 | 14.5 | 22.1667 | 5.92150463 | 13.9 | 24.9932 |
| 5.57462963 | 14.71 | 19.7363 | 5.748125 | 14.49 | 13.4478 | 5.92162037 | 13.92 | 25.0362 |
| 5.57474537 | 14.67 | 24.3845 | 5.74824074 | 14.5 | 22.8299 | 5.92173611 | 13.92 | 25.3261 |
| 5.57486111 | 14.64 | 26.4195 | 5.74835648 | 14.49 | 23.5796 | 5.92185185 | 13.93 | 25.4188 |
| 5.57497685 | 14.63 | 27.6336 | 5.74847222 | 14.49 | 17.5737 | 5.92196759 | 13.92 | 25.253 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.57509259 | 14.61 | 28.0363 | 5.74858796 | 14.49 | 20.0263 | 5.92208333 | 13.93 | 25.3931 |
| 5.57520833 | 14.61 | 28.1802 | 5.7487037 | 14.49 | 20.2605 | 5.92219907 | 13.97 | 26.2908 |
| 5.57532407 | 14.61 | 27.0713 | 5.74881944 | 14.49 | 17.9159 | 5.92231482 | 13.96 | 26.2598 |
| 5.57543982 | 14.65 | 23.236 | 5.74893519 | 14.49 | 23.7228 | 5.92243056 | 13.96 | 26.1946 |
| 5.57555556 | 14.67 | 22.8506 | 5.74905093 | 14.49 | 23.6076 | 5.9225463 | 13.97 | 26.4714 |
| 5.5756713 | 14.68 | 22.9263 | 5.74916667 | 14.49 | 24.7447 | 5.92266204 | 13.97 | 26.4889 |
| 5.57578704 | 14.67 | 24.1639 | 5.74928241 | 14.49 | 24.455 | 5.92277778 | 13.97 | 26.5696 |
| 5.57590278 | 14.64 | 26.4053 | 5.74939815 | 14.5 | 24.1105 | 5.92289352 | 13.97 | 26.5696 |
| 5.57601852 | 14.64 | 26.8296 | 5.74951389 | 14.5 | 23.968 | 5.92300926 | 13.97 | 26.5239 |
| 5.57613426 | 14.63 | 26.3415 | 5.74962963 | 14.5 | 24.3767 | 5.923125 | 13.97 | 26.3565 |
| 5.57625 | 14.65 | 24.7919 | 5.74974537 | 14.5 | 24.2074 | 5.92324074 | 13.96 | 26.2701 |
| 5.57636574 | 14.64 | 26.7241 | 5.74986111 | 14.5 | 24.7878 | 5.92335648 | 13.96 | 26.2152 |
| 5.57648148 | 14.61 | 26.4647 | 5.74997685 | 14.49 | 24.847 | 5.92347222 | 13.96 | 26.2083 |
| 5.57659722 | 14.63 | 26.6911 | 5.75009259 | 14.49 | 24.7047 | 5.92358796 | 13.96 | 26.2083 |
| 5.57671296 | 14.61 | 27.559 | 5.75020833 | 14.49 | 24.6617 | 5.9237037 | 13.96 | 26.1468 |
| 5.5768287 | 14.6 | 28.1634 | 5.75032407 | 14.49 | 25.6614 | 5.92381944 | 13.96 | 26.0958 |
| 5.57694444 | 14.6 | 27.1902 | 5.75043982 | 14.49 | 25.9474 | 5.92393519 | 13.94 | 25.7345 |
| 5.57706019 | 14.63 | 25.6059 | 5.75055556 | 14.47 | 26.2013 | 5.92405093 | 13.93 | 25.5415 |
| 5.57717593 | 14.7 | 22.9146 | 5.7506713 | 14.47 | 26.053 | 5.92416667 | 13.93 | 25.695 |
| 5.57729167 | 14.71 | 22.8824 | 5.75078704 | 14.49 | 25.5686 | 5.92428241 | 13.93 | 25.4188 |
| 5.57740741 | 14.95 | 12.8197 | 5.75090278 | 14.47 | 25.5454 | 5.92439815 | 13.93 | 25.3771 |
| 5.57752315 | 14.82 | 14.9633 | 5.75101852 | 14.47 | 26.0256 | 5.92451389 | 13.92 | 24.9 |
| 5.57763889 | 14.72 | 23.5246 | 5.75113426 | 14.47 | 25.8152 | 5.92462963 | 13.9 | 24.769 |
| 5.57775463 | 14.7 | 23.6858 | 5.75125 | 14.47 | 25.2235 | 5.92474537 | 13.92 | 24.7927 |
| 5.57787037 | 14.81 | 17.2719 | 5.75136574 | 14.47 | 25.529 | 5.92486111 | 13.9 | 24.7295 |
| 5.57798611 | 14.77 | 15.577 | 5.75148148 | 14.47 | 25.6413 | 5.92497685 | 13.9 | 24.3799 |
| 5.57810185 | 14.84 | 17.5496 | 5.75159722 | 14.47 | 24.1848 | 5.92509259 | 13.9 | 24.5072 |
| 5.57821759 | 14.84 | 12.2307 | 5.75171296 | 14.47 | 25.3655 | 5.92520833 | 13.9 | 24.5161 |
| 5.57833333 | 14.82 | 14.8255 | 5.7518287 | 14.47 | 25.1053 | 5.92532407 | 13.9 | 24.4478 |
| 5.57844907 | 14.85 | 13.9789 | 5.75194444 | 14.47 | 24.3835 | 5.92543982 | 13.9 | 24.2628 |
| 5.57856482 | 14.86 | 14.3248 | 5.75206019 | 14.47 | 20.7534 | 5.92555556 | 13.9 | 24.1324 |
| 5.57868056 | 14.81 | 18.3665 | 5.75217593 | 14.47 | 22.5343 | 5.9256713 | 13.89 | 24.2516 |
| 5.5787963 | 14.75 | 21.1853 | 5.75229167 | 14.46 | 22.3571 | 5.92578704 | 13.9 | 24.2686 |
| 5.57891204 | 14.77 | 18.1469 | 5.75240741 | 14.46 | 20.7672 | 5.92590278 | 13.92 | 24.6081 |
| 5.57902778 | 14.79 | 17.7388 | 5.75252315 | 14.47 | 23.0182 | 5.92601852 | 13.9 | 24.4389 |
| 5.57914352 | 14.78 | 19.6763 | 5.75263889 | 14.46 | 22.5629 | 5.92613426 | 13.92 | 24.45 |
| 5.57925926 | 14.75 | 20.3996 | 5.75275463 | 14.47 | 23.0846 | 5.92625 | 13.92 | 24.6141 |
| 5.579375 | 14.75 | 22.1867 | 5.75287037 | 14.46 | 26.3651 | 5.92636574 | 13.92 | 24.5034 |
| 5.57949074 | 14.91 | 12.8085 | 5.75298611 | 14.46 | 25.964 | 5.92648148 | 13.89 | 24.3715 |
| 5.57960648 | 14.85 | 16.5431 | 5.75310185 | 14.47 | 26.39 | 5.92659722 | 13.9 | 24.4153 |
| 5.57972222 | 14.79 | 19.5296 | 5.75321759 | 14.47 | 25.859 | 5.92671296 | 13.9 | 24.3652 |
| 5.57983796 | 14.68 | 26.2902 | 5.75333333 | 14.47 | 27.0907 | 5.9268287 | 13.92 | 24.6472 |
| 5.5799537 | 14.67 | 24.9452 | 5.75344907 | 14.47 | 25.7112 | 5.92694444 | 13.92 | 24.6321 |
| 5.58006944 | 14.71 | 22.2713 | 5.75356482 | 14.47 | 26.6673 | 5.92706019 | 13.92 | 24.6864 |
| 5.58018519 | 14.78 | 19.3142 | 5.75368056 | 14.47 | 26.6386 | 5.92717593 | 13.92 | 24.6081 |
| 5.58030093 | 14.7 | 24.4745 | 5.7537963 | 14.47 | 25.4994 | 5.92729167 | 13.93 | 24.7164 |
| 5.58041667 | 14.65 | 25.7096 | 5.75391204 | 14.47 | 20.3821 | 5.92740741 | 13.93 | 24.8874 |
| 5.58053241 | 14.61 | 27.3376 | 5.75402778 | 14.47 | 22.4965 | 5.92752315 | 13.93 | 24.8077 |
| 5.58064815 | 14.64 | 24.5213 | 5.75414352 | 14.47 | 26.9616 | 5.92763889 | 13.93 | 24.8566 |
| 5.58076389 | 14.68 | 23.4042 | 5.75425926 | 14.47 | 24.8972 | 5.92775463 | 13.92 | 24.7622 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58087963 | 14.68 | 23.4125 | 5.754375 | 14.46 | 25.3688 | 5.92787037 | 13.93 | 24.7863 |
| 5.58099537 | 14.74 | 20.8703 | 5.75449074 | 14.47 | 25.5125 | 5.92798611 | 13.94 | 25.0388 |
| 5.58111111 | 14.82 | 17.0985 | 5.75460648 | 14.47 | 26.0393 | 5.92810185 | 13.99 | 25.7374 |
| 5.58122685 | 14.75 | 21.0788 | 5.75472222 | 14.47 | 26.0358 | 5.92821759 | 14.01 | 26.0586 |
| 5.58134259 | 14.7 | 22.1535 | 5.75483796 | 14.49 | 25.4404 | 5.92833333 | 14.03 | 26.2122 |
| 5.58145833 | 14.68 | 23.2453 | 5.7549537 | 14.47 | 23.1006 | 5.92844907 | 14.03 | 26.1609 |
| 5.58157407 | 14.7 | 22.3168 | 5.75506944 | 14.47 | 24.5614 | 5.92856482 | 14 | 25.7539 |
| 5.58168982 | 14.7 | 22.4423 | 5.75518519 | 14.49 | 24.564 | 5.92868056 | 13.97 | 25.3732 |
| 5.58180556 | 14.71 | 21.5316 | 5.75530093 | 14.47 | 22.5571 | 5.9287963 | 13.96 | 25.2015 |
| 5.5819213 | 14.74 | 19.1078 | 5.75541667 | 14.47 | 25.0229 | 5.92891204 | 13.96 | 25.2649 |
| 5.58203704 | 14.78 | 18.1859 | 5.75553241 | 14.47 | 25.4176 | 5.92902778 | 13.96 | 25.2808 |
| 5.58215278 | 14.77 | 19.0896 | 5.75564815 | 14.47 | 25.118 | 5.92914352 | 13.96 | 25.2649 |
| 5.58226852 | 14.75 | 18.3517 | 5.75576389 | 14.47 | 25.5619 | 5.92925926 | 13.96 | 25.2173 |
| 5.58238426 | 14.82 | 15.8511 | 5.75587963 | 14.47 | 25.3363 | 5.929375 | 13.94 | 25.0544 |
| 5.5825 | 14.81 | 16.7145 | 5.75599537 | 14.47 | 25.4699 | 5.92949074 | 13.93 | 24.9274 |
| 5.58261574 | 14.79 | 17.2881 | 5.75611111 | 14.47 | 25.2846 | 5.92960648 | 13.93 | 24.872 |
| 5.58273148 | 14.81 | 16.451 | 5.75622685 | 14.47 | 23.9317 | 5.92972222 | 13.93 | 24.9028 |
| 5.58284722 | 14.81 | 17.2133 | 5.75634259 | 14.47 | 25.6413 | 5.92983796 | 13.93 | 24.9182 |
| 5.58296296 | 14.79 | 17.3813 | 5.75645833 | 14.47 | 25.6049 | 5.9299537 | 13.94 | 24.9612 |
| 5.5830787 | 14.78 | 17.7356 | 5.75657407 | 14.47 | 25.5027 | 5.93006944 | 13.94 | 25.0263 |
| 5.58319444 | 14.78 | 18.0765 | 5.75668982 | 14.47 | 25.638 | 5.93018519 | 13.94 | 25.0046 |
| 5.58331019 | 14.77 | 18.2213 | 5.75680556 | 14.47 | 24.9725 | 5.93030093 | 13.94 | 25.0544 |
| 5.58342593 | 14.78 | 18.3905 | 5.7569213 | 14.49 | 24.754 | 5.93041667 | 13.94 | 25.0638 |
| 5.58354167 | 14.78 | 18.3295 | 5.75703704 | 14.47 | 25.3266 | 5.93053241 | 13.94 | 25.0638 |
| 5.58365741 | 14.78 | 18.0749 | 5.75715278 | 14.47 | 25.5454 | 5.93064815 | 13.94 | 25.095 |
| 5.58377315 | 14.78 | 18.019 | 5.75726852 | 14.46 | 26.0768 | 5.93076389 | 13.94 | 25.117 |
| 5.58388889 | 14.79 | 17.6788 | 5.75738426 | 14.47 | 25.903 | 5.93087963 | 13.94 | 25.1421 |
| 5.58400463 | 14.81 | 17.3531 | 5.7575 | 14.47 | 25.6646 | 5.93099537 | 13.94 | 25.2051 |
| 5.58412037 | 14.81 | 17.1318 | 5.75761574 | 14.47 | 26.1978 | 5.93111111 | 13.94 | 25.2051 |
| 5.58423611 | 14.81 | 17.0538 | 5.75773148 | 14.47 | 26.2499 | 5.93122685 | 13.93 | 25.2211 |
| 5.58435185 | 14.82 | 16.601 | 5.75784722 | 14.47 | 26.5992 | 5.93134259 | 13.94 | 25.2557 |
| 5.58446759 | 14.85 | 15.1916 | 5.75796296 | 14.46 | 26.6275 | 5.93145833 | 13.94 | 25.2557 |
| 5.58458333 | 14.86 | 14.3374 | 5.7580787 | 14.47 | 26.991 | 5.93157407 | 13.93 | 25.1549 |
| 5.58469907 | 14.92 | 11.813 | 5.75819444 | 14.46 | 27.009 | 5.93168982 | 13.94 | 25.1578 |
| 5.58481482 | 14.86 | 13.0637 | 5.75831019 | 14.47 | 27.4704 | 5.93180556 | 13.94 | 25.1264 |
| 5.58493056 | 14.95 | 10.1116 | 5.75842593 | 14.46 | 26.9465 | 5.9319213 | 13.94 | 25.1326 |
| 5.5850463 | 14.95 | 10.3092 | 5.75854167 | 14.46 | 26.7066 | 5.93203704 | 13.94 | 25.1107 |
| 5.58516204 | 14.92 | 11.0655 | 5.75865741 | 14.47 | 27.2361 | 5.93215278 | 13.94 | 25.1075 |
| 5.58527778 | 14.95 | 9.1487 | 5.75877315 | 14.47 | 27.0833 | 5.93226852 | 13.96 | 25.104 |
| 5.58539352 | 14.95 | 9.7884 | 5.75888889 | 14.46 | 27.3409 | 5.93238426 | 13.94 | 25.0763 |
| 5.58550926 | 14.93 | 9.8785 | 5.75900463 | 14.46 | 26.4673 | 5.9325 | 13.94 | 25.07 |
| 5.585625 | 14.95 | 13.1705 | 5.75912037 | 14.47 | 26.8737 | 5.93261574 | 13.93 | 25.0734 |
| 5.58574074 | 14.86 | 15.3885 | 5.75923611 | 14.46 | 26.8989 | 5.93273148 | 13.94 | 25.045 |
| 5.58585648 | 14.88 | 14.6607 | 5.75935185 | 14.47 | 25.7581 | 5.93284722 | 13.94 | 25.0794 |
| 5.58597222 | 14.89 | 14.4032 | 5.75946759 | 14.47 | 24.7636 | 5.93296296 | 13.93 | 25.0671 |
| 5.58608796 | 14.89 | 13.9122 | 5.75958333 | 14.47 | 25.5784 | 5.9330787 | 13.93 | 25.0422 |
| 5.5862037 | 14.91 | 11.501 | 5.75969907 | 14.47 | 25.7179 | 5.93319444 | 13.93 | 25.0609 |
| 5.58631944 | 14.86 | 17.825 | 5.75981482 | 14.47 | 26.4393 | 5.93331019 | 13.94 | 25.0357 |
| 5.58643519 | 14.81 | 18.069 | 5.75993056 | 14.47 | 22.3787 | 5.93342593 | 13.93 | 25.0702 |
| 5.58655093 | 14.88 | 15.2347 | 5.7600463 | 14.47 | 24.8287 | 5.93354167 | 13.93 | 25.0765 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58666667 | 14.81 | 19.7032 | 5.76016204 | 14.47 | 25.8387 | 5.93365741 | 13.93 | 25.0609 |
| 5.58678241 | 14.7 | 26.0506 | 5.76027778 | 14.47 | 25.0862 | 5.93377315 | 13.93 | 25.0422 |
| 5.58689815 | 14.65 | 26.929 | 5.76039352 | 14.49 | 24.8315 | 5.93388889 | 13.92 | 25.0643 |
| 5.58701389 | 14.65 | 26.5373 | 5.76050926 | 14.47 | 24.7143 | 5.93400463 | 13.93 | 25.0859 |
| 5.58712963 | 14.63 | 27.852 | 5.760625 | 14.47 | 25.552 | 5.93412037 | 13.93 | 25.0609 |
| 5.58724537 | 14.61 | 28.2446 | 5.76074074 | 14.46 | 25.7312 | 5.93423611 | 13.93 | 25.0765 |
| 5.58736111 | 14.64 | 28.0865 | 5.76085648 | 14.47 | 25.5619 | 5.93435185 | 13.94 | 25.0669 |
| 5.58747685 | 14.61 | 24.8516 | 5.76097222 | 14.47 | 25.5784 | 5.93446759 | 13.93 | 25.0984 |
| 5.58759259 | 14.64 | 25.1265 | 5.76108796 | 14.46 | 25.758 | 5.93458333 | 13.93 | 25.0827 |
| 5.58770833 | 14.61 | 27.049 | 5.7612037 | 14.47 | 25.6214 | 5.93469907 | 13.94 | 25.0856 |
| 5.58782407 | 14.63 | 24.6714 | 5.76131944 | 14.47 | 25.5092 | 5.93481482 | 13.93 | 25.1015 |
| 5.58793982 | 14.61 | 25.3916 | 5.76143519 | 14.47 | 24.9191 | 5.93493056 | 13.94 | 25.0856 |
| 5.58805556 | 14.6 | 27.7248 | 5.76155093 | 14.49 | 25.3785 | 5.9350463 | 13.93 | 25.1172 |
| 5.5881713 | 14.57 | 28.6707 | 5.76166667 | 14.49 | 25.372 | 5.93516204 | 13.94 | 25.1075 |
| 5.58828704 | 14.54 | 29.0626 | 5.76178241 | 14.47 | 25.5257 | 5.93527778 | 13.93 | 25.0921 |
| 5.58840278 | 14.56 | 28.5623 | 5.76189815 | 14.47 | 25.2556 | 5.93539352 | 13.94 | 25.1013 |
| 5.58851852 | 14.57 | 27.891 | 5.76201389 | 14.46 | 26.1699 | 5.93550926 | 13.93 | 25.089 |
| 5.58863426 | 14.57 | 27.8399 | 5.76212963 | 14.47 | 25.9607 | 5.935625 | 13.93 | 25.0921 |
| 5.58875 | 14.6 | 26.5856 | 5.76224537 | 14.47 | 26.2465 | 5.93574074 | 13.93 | 25.0921 |
| 5.58886574 | 14.59 | 26.9705 | 5.76236111 | 14.46 | 25.4535 | 5.93585648 | 13.93 | 25.1078 |
| 5.58898148 | 14.57 | 27.4952 | 5.76247685 | 14.46 | 26.33 | 5.93597222 | 13.93 | 25.0359 |
| 5.58909722 | 14.54 | 28.7677 | 5.76259259 | 14.47 | 25.8185 | 5.93608796 | 13.92 | 24.9927 |
| 5.58921296 | 14.56 | 27.7884 | 5.76270833 | 14.47 | 26.635 | 5.9362037 | 13.92 | 24.9462 |
| 5.5893287 | 14.54 | 28.726 | 5.76282407 | 14.46 | 26.6886 | 5.93631944 | 13.92 | 24.9555 |
| 5.58944444 | 14.54 | 27.8928 | 5.76293982 | 14.46 | 26.5704 | 5.93643519 | 13.92 | 24.9679 |
| 5.58956019 | 14.57 | 26.7576 | 5.76305556 | 14.46 | 27.2206 | 5.93655093 | 13.92 | 24.9308 |
| 5.58967593 | 14.63 | 24.3764 | 5.7631713 | 14.46 | 26.9685 | 5.93666667 | 13.92 | 24.9401 |
| 5.58979167 | 14.59 | 26.0037 | 5.76328704 | 14.46 | 26.3511 | 5.93678241 | 13.92 | 24.9401 |
| 5.58990741 | 14.6 | 25.6189 | 5.76340278 | 14.47 | 25.795 | 5.93689815 | 13.92 | 24.9617 |
| 5.59002315 | 14.57 | 26.6492 | 5.76351852 | 14.47 | 24.7945 | 5.93701389 | 13.9 | 24.9746 |
| 5.59013889 | 14.57 | 26.8668 | 5.76363426 | 14.47 | 26.3618 | 5.93712963 | 13.9 | 24.9375 |
| 5.59025463 | 14.56 | 27.1172 | 5.76375 | 14.47 | 26.3128 | 5.93724537 | 13.92 | 24.9401 |
| 5.59037037 | 14.57 | 26.6708 | 5.76386574 | 14.46 | 22.568 | 5.93736111 | 13.92 | 24.9555 |
| 5.59048611 | 14.57 | 25.7557 | 5.76398148 | 14.46 | 25.9878 | 5.93747685 | 13.9 | 24.9746 |
| 5.59060185 | 14.57 | 25.9896 | 5.76409722 | 14.47 | 25.6115 | 5.93759259 | 13.92 | 24.971 |
| 5.59071759 | 14.57 | 25.9896 | 5.76421296 | 14.47 | 25.0608 | 5.93770833 | 13.92 | 24.9679 |
| 5.59083333 | 14.57 | 25.8636 | 5.7643287 | 14.49 | 24.7725 | 5.93782407 | 13.92 | 24.9617 |
| 5.59094907 | 14.56 | 25.6652 | 5.76444444 | 14.47 | 25.2588 | 5.93793982 | 13.92 | 24.937 |
| 5.59106482 | 14.57 | 25.2617 | 5.76456019 | 14.47 | 25.3655 | 5.93805556 | 13.92 | 24.9401 |
| 5.59118056 | 14.56 | 25.4635 | 5.76467593 | 14.47 | 25.1403 | 5.9381713 | 13.92 | 24.9493 |
| 5.5912963 | 14.53 | 27.8059 | 5.76479167 | 14.47 | 25.6049 | 5.93828704 | 13.92 | 24.9246 |
| 5.59141204 | 14.54 | 26.5336 | 5.76490741 | 14.47 | 25.0703 | 5.93840278 | 13.92 | 24.9 |
| 5.59152778 | 14.56 | 25.2585 | 5.76502315 | 14.47 | 25.7146 | 5.93851852 | 13.92 | 24.9648 |
| 5.59164352 | 14.56 | 24.9086 | 5.76513889 | 14.47 | 25.1467 | 5.93863426 | 13.92 | 24.9462 |
| 5.59175926 | 14.56 | 25.1429 | 5.76525463 | 14.47 | 24.8504 | 5.93875 | 13.92 | 25.002 |
| 5.591875 | 14.56 | 24.9809 | 5.76537037 | 14.47 | 24.3656 | 5.93886574 | 13.92 | 25.0237 |
| 5.59199074 | 14.53 | 27.9947 | 5.76548611 | 14.47 | 23.6029 | 5.93898148 | 13.92 | 25.0082 |
| 5.59210648 | 14.54 | 27.6588 | 5.76560185 | 14.47 | 25.4274 | 5.93909722 | 13.92 | 24.9865 |
| 5.59222222 | 14.5 | 28.789 | 5.76571759 | 14.47 | 24.4105 | 5.93921296 | 13.93 | 24.9738 |
| 5.59233796 | 14.5 | 28.8224 | 5.76583333 | 14.47 | 25.1818 | 5.9393287 | 13.92 | 24.9865 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5924537 | 14.53 | 27.1867 | 5.76594907 | 14.47 | 19.3306 | 5.93944444 | 13.92 | 24.9772 |
| 5.59256944 | 14.53 | 27.2466 | 5.76606482 | 14.47 | 19.9255 | 5.93956019 | 13.92 | 24.9462 |
| 5.59268519 | 14.52 | 27.1488 | 5.76618056 | 14.47 | 25.2943 | 5.93967593 | 13.92 | 24.9092 |
| 5.59280093 | 14.53 | 28.1779 | 5.7662963 | 14.47 | 25.372 | 5.93979167 | 13.92 | 24.9154 |
| 5.59291667 | 14.5 | 28.2398 | 5.76641204 | 14.46 | 24.0274 | 5.93990741 | 13.9 | 24.9036 |
| 5.59303241 | 14.5 | 28.814 | 5.76652778 | 14.47 | 26.3443 | 5.94002315 | 13.9 | 24.8975 |
| 5.59314815 | 14.52 | 27.9032 | 5.76664352 | 14.47 | 25.3396 | 5.94013889 | 13.9 | 24.8883 |
| 5.59326389 | 14.52 | 27.8678 | 5.76675926 | 14.47 | 25.9301 | 5.94025463 | 13.9 | 24.8975 |
| 5.59337963 | 14.52 | 28.4277 | 5.766875 | 14.47 | 25.1914 | 5.94037037 | 13.92 | 24.8815 |
| 5.59349537 | 14.52 | 28.3221 | 5.76699074 | 14.47 | 26.6709 | 5.94048611 | 13.9 | 24.8883 |
| 5.59361111 | 14.52 | 28.2736 | 5.76710648 | 14.47 | 26.6745 | 5.94060185 | 13.9 | 24.8975 |
| 5.59372685 | 14.52 | 28.4563 | 5.76722222 | 14.47 | 26.6207 | 5.94071759 | 13.92 | 24.9401 |
| 5.59384259 | 14.5 | 28.8391 | 5.76733796 | 14.47 | 26.56 | 5.94083333 | 13.92 | 24.9061 |
| 5.59395833 | 14.49 | 29.2025 | 5.7674537 | 14.47 | 26.9763 | 5.94094907 | 13.92 | 24.9154 |
| 5.59407407 | 14.5 | 27.3392 | 5.76756944 | 14.47 | 26.9286 | 5.94106482 | 13.9 | 24.9221 |
| 5.59418982 | 14.49 | 29.0447 | 5.76768519 | 14.47 | 26.3689 | 5.94118056 | 13.92 | 24.9154 |
| 5.59430556 | 14.47 | 28.8488 | 5.76780093 | 14.47 | 26.5778 | 5.9412963 | 13.9 | 24.9221 |
| 5.5944213 | 14.49 | 28.788 | 5.76791667 | 14.47 | 26.7069 | 5.94141204 | 13.92 | 24.9308 |
| 5.59453704 | 14.5 | 28.0679 | 5.76803241 | 14.47 | 26.4322 | 5.94152778 | 13.92 | 24.9246 |
| 5.59465278 | 14.5 | 28.7848 | 5.76814815 | 14.47 | 25.7715 | 5.94164352 | 13.92 | 24.9154 |
| 5.59476852 | 14.47 | 29.3901 | 5.76826389 | 14.47 | 25.6912 | 5.94175926 | 13.92 | 24.9401 |
| 5.59488426 | 14.49 | 29.3576 | 5.76837963 | 14.47 | 25.6214 | 5.941875 | 13.92 | 24.9154 |
| 5.595 | 14.47 | 29.4552 | 5.76849537 | 14.47 | 24.7451 | 5.94199074 | 13.92 | 24.9 |
| 5.59511574 | 14.47 | 29.3079 | 5.76861111 | 14.47 | 24.4797 | 5.94210648 | 13.9 | 24.8729 |
| 5.59523148 | 14.47 | 29.2519 | 5.76872685 | 14.47 | 25.6812 | 5.94222222 | 13.9 | 24.9283 |
| 5.59534722 | 14.5 | 29.0669 | 5.76884259 | 14.47 | 25.585 | 5.94233796 | 13.92 | 24.9 |
| 5.59546296 | 14.47 | 29.2047 | 5.76895833 | 14.47 | 25.859 | 5.9424537 | 13.92 | 24.9061 |
| 5.5955787 | 14.47 | 29.2218 | 5.76907407 | 14.47 | 26.2918 | 5.94256944 | 13.92 | 24.9524 |
| 5.59569444 | 14.47 | 29.3684 | 5.76918982 | 14.47 | 26.5849 | 5.94268519 | 13.92 | 24.9772 |
| 5.59581019 | 14.47 | 29.1619 | 5.76930556 | 14.47 | 26.7864 | 5.94280093 | 13.92 | 24.9277 |
| 5.59592593 | 14.5 | 27.9057 | 5.7694213 | 14.47 | 26.6601 | 5.94291667 | 13.93 | 25.011 |
| 5.59604167 | 14.5 | 28.2197 | 5.76953704 | 14.47 | 26.7466 | 5.94303241 | 13.93 | 25.0297 |
| 5.59615741 | 14.49 | 28.7089 | 5.76965278 | 14.47 | 26.6601 | 5.94314815 | 13.93 | 25.0422 |
| 5.59627315 | 14.47 | 29.3554 | 5.76976852 | 14.47 | 26.7937 | 5.94326389 | 13.92 | 24.9865 |
| 5.59638889 | 14.47 | 29.5601 | 5.76988426 | 14.46 | 26.8078 | 5.94337963 | 13.92 | 24.9865 |
| 5.59650463 | 14.47 | 29.5338 | 5.77 | 14.47 | 26.6961 | 5.94349537 | 13.93 | 25.011 |
| 5.59662037 | 14.47 | 29.2347 | 5.77011574 | 14.47 | 26.5564 | 5.94361111 | 13.92 | 25.0331 |
| 5.59673611 | 14.47 | 29.1833 | 5.77023148 | 14.47 | 26.9139 | 5.94372685 | 13.93 | 25.1392 |
| 5.59685185 | 14.47 | 29.209 | 5.77034722 | 14.47 | 27.0648 | 5.94384259 | 13.93 | 25.2116 |
| 5.59696759 | 14.54 | 20.4251 | 5.77046296 | 14.47 | 27.05 | 5.94395833 | 13.94 | 25.3737 |
| 5.59708333 | 14.56 | 24.3901 | 5.7705787 | 14.47 | 26.991 | 5.94407407 | 13.94 | 25.3098 |
| 5.59719907 | 14.54 | 25.8802 | 5.77069444 | 14.46 | 27.1833 | 5.94418982 | 13.94 | 25.5317 |
| 5.59731482 | 14.52 | 27.8993 | 5.77081019 | 14.47 | 27.2887 | 5.94430556 | 13.94 | 25.3641 |
| 5.59743056 | 14.53 | 26.5797 | 5.77092593 | 14.47 | 27.1987 | 5.9444213 | 13.93 | 25.011 |
| 5.5975463 | 14.53 | 26.1609 | 5.77104167 | 14.46 | 27.5769 | 5.94453704 | 13.93 | 25.0484 |
| 5.59766204 | 14.57 | 23.5313 | 5.77115741 | 14.47 | 27.7009 | 5.94465278 | 13.93 | 25.089 |
| 5.59777778 | 14.56 | 25.3199 | 5.77127315 | 14.47 | 27.8762 | 5.94476852 | 13.93 | 25.0515 |
| 5.59789352 | 14.59 | 23.0643 | 5.77138889 | 14.47 | 28.2174 | 5.94488426 | 13.93 | 25.0017 |
| 5.59800926 | 14.53 | 27.4166 | 5.77150463 | 14.47 | 28.0657 | 5.945 | 13.93 | 24.9151 |
| 5.598125 | 14.52 | 28.0336 | 5.77162037 | 14.47 | 26.9432 | 5.94511574 | 13.92 | 24.8846 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59824074 | 14.5 | 28.7431 | 5.77173611 | 14.47 | 27.3982 | 5.94523148 | 13.92 | 24.9061 |
| 5.59835648 | 14.52 | 28.0534 | 5.77185185 | 14.47 | 27.5851 | 5.94534722 | 13.92 | 24.8815 |
| 5.59847222 | 14.52 | 28.5588 | 5.77196759 | 14.46 | 25.805 | 5.94546296 | 13.93 | 24.9336 |
| 5.59858796 | 14.5 | 28.5776 | 5.77208333 | 14.47 | 27.4399 | 5.9455787 | 13.92 | 24.9308 |
| 5.5987037 | 14.5 | 28.2117 | 5.77219907 | 14.47 | 27.8762 | 5.94569444 | 13.93 | 24.9552 |
| 5.59881944 | 14.59 | 23.1554 | 5.77231482 | 14.47 | 28.026 | 5.94581019 | 13.93 | 24.9552 |
| 5.59893519 | 14.54 | 27.5241 | 5.77243056 | 14.47 | 27.9155 | 5.94592593 | 13.93 | 24.98 |
| 5.59905093 | 14.52 | 28.3911 | 5.7725463 | 14.47 | 27.4437 | 5.94604167 | 13.93 | 24.9707 |
| 5.59916667 | 14.5 | 28.7556 | 5.77266204 | 14.47 | 27.3263 | 5.94615741 | 13.94 | 24.9797 |
| 5.59928241 | 14.52 | 28.383 | 5.77277778 | 14.47 | 26.61 | 5.94627315 | 13.93 | 24.9924 |
| 5.59939815 | 14.5 | 28.6601 | 5.77289352 | 14.46 | 27.5347 | 5.94638889 | 13.93 | 25.0204 |
| 5.59951389 | 14.53 | 27.9788 | 5.77300926 | 14.47 | 27.3225 | 5.94650463 | 13.94 | 25.0015 |
| 5.59962963 | 14.52 | 27.7429 | 5.773125 | 14.46 | 27.2844 | 5.94662037 | 13.94 | 24.9953 |
| 5.59974537 | 14.53 | 27.693 | 5.77324074 | 14.47 | 27.5736 | 5.94673611 | 13.94 | 25.0606 |
| 5.59986111 | 14.53 | 27.7047 | 5.77335648 | 14.46 | 27.5884 | 5.94685185 | 13.94 | 25.0108 |
| 5.59997685 | 14.53 | 28.3473 | 5.77347222 | 14.47 | 27.0463 | 5.94696759 | 13.94 | 25.0419 |
| 5.60009259 | 14.53 | 27.9118 | 5.77358796 | 14.46 | 25.8218 | 5.94708333 | 13.94 | 25.0326 |
| 5.60020833 | 14.52 | 28.387 | 5.7737037 | 14.46 | 26.3967 | 5.94719907 | 13.94 | 25.0513 |
| 5.60032407 | 14.59 | 21.4165 | 5.77381944 | 14.46 | 27.0496 | 5.94731482 | 13.96 | 25.0383 |
| 5.60043982 | 14.6 | 23.244 | 5.77393519 | 14.46 | 27.1237 | 5.94743056 | 13.94 | 25.0825 |
| 5.60055556 | 14.57 | 26.4315 | 5.77405093 | 14.46 | 26.5205 | 5.9475463 | 13.96 | 25.0946 |
| 5.6006713 | 14.54 | 27.7675 | 5.77416667 | 14.45 | 24.6778 | 5.94766204 | 13.96 | 25.1637 |
| 5.60078704 | 14.54 | 27.6743 | 5.77428241 | 14.46 | 26.4602 | 5.94777778 | 13.96 | 25.1259 |
| 5.60090278 | 14.54 | 27.7597 | 5.77439815 | 14.46 | 27.4242 | 5.94789352 | 13.94 | 25.1546 |
| 5.60101852 | 14.57 | 24.4773 | 5.77451389 | 14.47 | 27.52 | 5.94800926 | 13.96 | 25.2776 |
| 5.60113426 | 14.61 | 23.2299 | 5.77462963 | 14.46 | 26.6275 | 5.948125 | 13.96 | 25.2967 |
| 5.60125 | 14.57 | 26.7177 | 5.77474537 | 14.45 | 24.5528 | 5.94824074 | 13.97 | 25.3828 |
| 5.60136574 | 14.57 | 25.918 | 5.77486111 | 14.45 | 24.687 | 5.94835648 | 13.97 | 25.4601 |
| 5.60148148 | 14.57 | 25.1876 | 5.77497685 | 14.46 | 27.5539 | 5.94847222 | 13.99 | 25.5311 |
| 5.60159722 | 14.57 | 26.3258 | 5.77509259 | 14.46 | 27.0681 | 5.94858796 | 13.99 | 25.5636 |
| 5.60171296 | 14.57 | 25.6553 | 5.77520833 | 14.46 | 27.2019 | 5.9487037 | 13.99 | 25.4889 |
| 5.6018287 | 14.59 | 25.3264 | 5.77532407 | 14.46 | 27.4546 | 5.94881944 | 14 | 25.5896 |
| 5.60194444 | 14.56 | 26.6058 | 5.77543982 | 14.46 | 27.6153 | 5.94893519 | 14 | 25.6387 |
| 5.60206019 | 14.54 | 27.0495 | 5.77555556 | 14.46 | 25.9947 | 5.94905093 | 14.01 | 25.9607 |
| 5.60217593 | 14.54 | 26.7564 | 5.7756713 | 14.46 | 27.3447 | 5.94916667 | 14 | 25.6978 |
| 5.60229167 | 14.54 | 27.6009 | 5.77578704 | 14.46 | 25.7747 | 5.94928241 | 14.01 | 25.9037 |
| 5.60240741 | 14.53 | 27.5311 | 5.77590278 | 14.46 | 25.1755 | 5.94939815 | 14.01 | 25.9037 |
| 5.60252315 | 14.54 | 27.5855 | 5.77601852 | 14.46 | 26.9722 | 5.94951389 | 14.03 | 26.0147 |
| 5.60263889 | 14.67 | 15.5692 | 5.77613426 | 14.46 | 27.6732 | 5.94962963 | 14.01 | 25.9674 |
| 5.60275463 | 14.64 | 21.2785 | 5.77625 | 14.46 | 26.8515 | 5.94974537 | 14 | 25.7341 |
| 5.60287037 | 14.63 | 19.4086 | 5.77636574 | 14.46 | 27.1534 | 5.94986111 | 14 | 25.6485 |
| 5.60298611 | 14.67 | 18.5776 | 5.77648148 | 14.46 | 27.4204 | 5.94997685 | 14 | 25.7672 |
| 5.60310185 | 14.65 | 20.3799 | 5.77659722 | 14.46 | 27.903 | 5.95009259 | 14 | 25.7672 |
| 5.60321759 | 14.74 | 15.9402 | 5.77671296 | 14.46 | 27.55 | 5.95020833 | 13.99 | 25.606 |
| 5.60333333 | 14.63 | 22.7644 | 5.7768287 | 14.46 | 27.6848 | 5.95032407 | 14 | 25.6649 |
| 5.60344907 | 14.61 | 24.2426 | 5.77694444 | 14.46 | 26.8296 | 5.95043982 | 14 | 25.6485 |
| 5.60356482 | 14.6 | 25.0597 | 5.77706019 | 14.46 | 27.5577 | 5.95055556 | 13.99 | 25.5603 |
| 5.60368056 | 14.59 | 25.2616 | 5.77717593 | 14.46 | 27.5385 | 5.9506713 | 13.97 | 25.2203 |
| 5.6037963 | 14.59 | 26.3018 | 5.77729167 | 14.46 | 27.1684 | 5.95078704 | 13.96 | 25.2268 |
| 5.60391204 | 14.57 | 27.2901 | 5.77740741 | 14.46 | 27.8481 | 5.95090278 | 13.94 | 25.1862 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60402778 | 14.56 | 26.7898 | 5.77752315 | 14.46 | 27.5922 | 5.95101852 | 13.96 | 25.23 |
| 5.60414352 | 14.54 | 26.1231 | 5.77763889 | 14.45 | 27.824 | 5.95113426 | 13.96 | 25.3126 |
| 5.60425926 | 14.54 | 26.9572 | 5.77775463 | 14.46 | 26.9282 | 5.95125 | 13.96 | 25.1291 |
| 5.604375 | 14.59 | 24.6383 | 5.77787037 | 14.46 | 26.4532 | 5.95136574 | 13.96 | 25.1668 |
| 5.60449074 | 14.56 | 23.421 | 5.77798611 | 14.39 | 17.3021 | 5.95148148 | 13.94 | 25.1862 |
| 5.60460648 | 14.59 | 23.1017 | 5.77810185 | 14.46 | 28.8814 | 5.95159722 | 13.96 | 25.2142 |
| 5.60472222 | 14.57 | 25.5623 | 5.77821759 | 14.45 | 24.8073 | 5.95171296 | 13.96 | 25.351 |
| 5.60483796 | 14.52 | 28.1571 | 5.77833333 | 14.46 | 27.307 | 5.9518287 | 13.97 | 25.5086 |
| 5.6049537 | 14.57 | 24.1081 | 5.77844907 | 14.39 | 16.4318 | 5.95194444 | 13.99 | 25.5864 |
| 5.60506944 | 14.54 | 26.1785 | 5.77856482 | 14.43 | 26.1314 | 5.95206019 | 13.99 | 25.5343 |
| 5.60518519 | 14.61 | 20.8793 | 5.77868056 | 14.45 | 27.1753 | 5.95217593 | 13.97 | 25.5768 |
| 5.60530093 | 14.53 | 27.2091 | 5.7787963 | 14.45 | 27.5955 | 5.95229167 | 13.97 | 25.4601 |
| 5.60541667 | 14.49 | 28.7755 | 5.77891204 | 14.46 | 28.285 | 5.95240741 | 13.99 | 25.4954 |
| 5.60553241 | 14.49 | 28.9011 | 5.77902778 | 14.46 | 28.8353 | 5.95252315 | 13.99 | 25.5799 |
| 5.60564815 | 14.47 | 29.4422 | 5.77914352 | 14.46 | 28.3659 | 5.95263889 | 13.97 | 25.5834 |
| 5.60576389 | 14.47 | 29.4335 | 5.77925926 | 14.46 | 27.8638 | 5.95275463 | 13.97 | 25.4085 |
| 5.60587963 | 14.47 | 29.282 | 5.779375 | 14.46 | 28.1566 | 5.95287037 | 13.96 | 25.3606 |
| 5.60599537 | 14.47 | 29.239 | 5.77949074 | 14.46 | 28.1606 | 5.95298611 | 13.99 | 25.8502 |
| 5.60611111 | 14.46 | 29.3284 | 5.77960648 | 14.46 | 27.9818 | 5.95310185 | 13.99 | 25.6551 |
| 5.60622685 | 14.52 | 25.7955 | 5.77972222 | 14.46 | 28.4798 | 5.95321759 | 13.96 | 25.5217 |
| 5.60634259 | 14.47 | 29.3987 | 5.77983796 | 14.46 | 28.7353 | 5.95333333 | 13.97 | 25.5834 |
| 5.60645833 | 14.47 | 28.3748 | 5.7799537 | 14.45 | 28.7968 | 5.95344907 | 13.99 | 25.7639 |
| 5.60657407 | 14.47 | 28.3262 | 5.78006944 | 14.46 | 29.0714 | 5.95356482 | 13.99 | 25.8136 |
| 5.60668982 | 14.47 | 29.1961 | 5.78018519 | 14.47 | 29.6525 | 5.95368056 | 14 | 26.0146 |
| 5.60680556 | 14.49 | 28.4334 | 5.78030093 | 14.47 | 29.6657 | 5.9537963 | 14.01 | 26.0248 |
| 5.6069213 | 14.46 | 29.2852 | 5.78041667 | 14.46 | 29.2766 | 5.95391204 | 14 | 26.1914 |
| 5.60703704 | 14.46 | 28.9951 | 5.78053241 | 14.47 | 29.6392 | 5.95402778 | 14 | 26.3084 |
| 5.60715278 | 14.46 | 29.1608 | 5.78064815 | 14.47 | 29.3467 | 5.95414352 | 13.99 | 26.3775 |
| 5.60726852 | 14.46 | 29.2336 | 5.78076389 | 14.47 | 29.0979 | 5.95425926 | 14 | 26.3707 |
| 5.60738426 | 14.47 | 28.7279 | 5.78087963 | 14.47 | 28.9202 | 5.954375 | 14 | 26.343 |
| 5.6075 | 14.47 | 28.6864 | 5.78099537 | 14.46 | 28.7353 | 5.95449074 | 14 | 26.1402 |
| 5.60761574 | 14.47 | 28.4766 | 5.78111111 | 14.46 | 28.1606 | 5.95460648 | 13.99 | 25.9104 |
| 5.60773148 | 14.47 | 28.9961 | 5.78122685 | 14.45 | 27.0861 | 5.95472222 | 13.99 | 26.0552 |
| 5.60784722 | 14.46 | 29.1395 | 5.78134259 | 14.46 | 28.3537 | 5.95483796 | 13.99 | 26.0484 |
| 5.60796296 | 14.46 | 29.268 | 5.78145833 | 14.46 | 28.5043 | 5.9549537 | 13.99 | 25.8736 |
| 5.6080787 | 14.46 | 29.2939 | 5.78157407 | 14.46 | 28.5248 | 5.95506944 | 13.99 | 25.9977 |
| 5.60819444 | 14.46 | 29.1438 | 5.78168982 | 14.46 | 27.739 | 5.95518519 | 13.99 | 25.9271 |
| 5.60831019 | 14.47 | 28.448 | 5.78180556 | 14.46 | 28.5207 | 5.95530093 | 14 | 26.0146 |
| 5.60842593 | 14.47 | 28.9412 | 5.7819213 | 14.46 | 28.061 | 5.95541667 | 13.97 | 25.8038 |
| 5.60854167 | 14.47 | 28.5873 | 5.78203704 | 14.46 | 28.5741 | 5.95553241 | 13.97 | 25.7673 |
| 5.60865741 | 14.47 | 28.916 | 5.78215278 | 14.45 | 28.426 | 5.95564815 | 13.97 | 25.7706 |
| 5.60877315 | 14.46 | 29.0586 | 5.78226852 | 14.45 | 27.5303 | 5.95576389 | 13.97 | 25.7178 |
| 5.60888889 | 14.46 | 29.012 | 5.78238426 | 14.46 | 28.5905 | 5.95587963 | 13.97 | 25.5248 |
| 5.60900463 | 14.47 | 29.0766 | 5.7825 | 14.46 | 28.2971 | 5.95599537 | 13.96 | 25.383 |
| 5.60912037 | 14.47 | 28.8907 | 5.78261574 | 14.46 | 27.9345 | 5.95611111 | 13.94 | 25.2336 |
| 5.60923611 | 14.47 | 29.0979 | 5.78273148 | 14.45 | 27.5303 | 5.95622685 | 13.94 | 25.2272 |
| 5.60935185 | 14.47 | 29.0809 | 5.78284722 | 14.46 | 27.5846 | 5.95634259 | 13.96 | 25.2395 |
| 5.60946759 | 14.46 | 29.2336 | 5.78296296 | 14.45 | 27.0491 | 5.95645833 | 13.94 | 25.3225 |
| 5.60958333 | 14.47 | 29.1662 | 5.7830787 | 14.46 | 27.0496 | 5.95657407 | 13.96 | 25.383 |
| 5.60969907 | 14.47 | 29.239 | 5.78319444 | 14.45 | 27.5227 | 5.95668982 | 13.96 | 25.3926 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60981482 | 14.52 | 27.4503 | 5.78331019 | 14.46 | 27.7157 | 5.95680556 | 13.96 | 25.3926 |
| 5.60993056 | 14.49 | 28.9305 | 5.78342593 | 14.46 | 28.1566 | 5.9569213 | 13.96 | 25.399 |
| 5.6100463 | 14.47 | 29.2949 | 5.78354167 | 14.46 | 27.8091 | 5.95703704 | 13.96 | 25.4312 |
| 5.61016204 | 14.47 | 29.0936 | 5.78365741 | 14.45 | 27.9417 | 5.95715278 | 13.97 | 25.4343 |
| 5.61027778 | 14.47 | 29.0469 | 5.78377315 | 14.45 | 27.7423 | 5.95726852 | 13.96 | 25.5087 |
| 5.61039352 | 14.49 | 28.8717 | 5.78388889 | 14.46 | 27.5654 | 5.95738426 | 13.96 | 25.5087 |
| 5.61050926 | 14.47 | 29.2562 | 5.78400463 | 14.45 | 26.9865 | 5.9575 | 13.97 | 25.5508 |
| 5.610625 | 14.47 | 28.579 | 5.78412037 | 14.43 | 24.9636 | 5.95761574 | 13.97 | 25.7112 |
| 5.61074074 | 14.47 | 29.1064 | 5.78423611 | 14.43 | 25.9025 | 5.95773148 | 13.97 | 25.6947 |
| 5.61085648 | 14.5 | 27.6409 | 5.78435185 | 14.45 | 26.9205 | 5.95784722 | 13.96 | 25.8038 |
| 5.61097222 | 14.49 | 28.6965 | 5.78446759 | 14.45 | 27.0491 | 5.95796296 | 13.97 | 25.817 |
| 5.61108796 | 14.49 | 28.9981 | 5.78458333 | 14.45 | 26.8912 | 5.9580787 | 13.97 | 25.8903 |
| 5.6112037 | 14.47 | 29.2218 | 5.78469907 | 14.43 | 26.7741 | 5.95819444 | 13.97 | 25.8703 |
| 5.61131944 | 14.47 | 29.0936 | 5.78481482 | 14.45 | 26.7857 | 5.95831019 | 13.97 | 25.887 |
| 5.61143519 | 14.47 | 29.3511 | 5.78493056 | 14.45 | 26.793 | 5.95842593 | 13.97 | 25.6389 |
| 5.61155093 | 14.47 | 29.4901 | 5.7850463 | 14.45 | 26.6165 | 5.95854167 | 13.97 | 25.8536 |
| 5.61166667 | 14.47 | 29.4161 | 5.78516204 | 14.42 | 24.0841 | 5.95865741 | 13.97 | 25.7574 |
| 5.61178241 | 14.47 | 29.3208 | 5.78527778 | 14.42 | 24.3283 | 5.95877315 | 13.96 | 25.7047 |
| 5.61189815 | 14.47 | 29.3944 | 5.78539352 | 14.45 | 27.0602 | 5.95888889 | 13.97 | 25.7938 |
| 5.61201389 | 14.47 | 29.4422 | 5.78550926 | 14.45 | 25.7044 | 5.95900463 | 13.97 | 25.698 |
| 5.61212963 | 14.47 | 29.4901 | 5.785625 | 14.43 | 26.5268 | 5.95912037 | 13.97 | 25.764 |
| 5.61224537 | 14.47 | 29.3857 | 5.78574074 | 14.42 | 24.4569 | 5.95923611 | 13.97 | 25.8603 |
| 5.61236111 | 14.49 | 29.2325 | 5.78585648 | 14.43 | 26.2144 | 5.95935185 | 13.97 | 25.847 |
| 5.61247685 | 14.47 | 29.2562 | 5.78597222 | 14.42 | 23.774 | 5.95946759 | 13.97 | 25.8004 |
| 5.61259259 | 14.47 | 29.3295 | 5.78608796 | 14.43 | 26.4101 | 5.95958333 | 13.97 | 25.6783 |
| 5.61270833 | 14.47 | 29.2047 | 5.7862037 | 14.43 | 25.6146 | 5.95969907 | 13.97 | 25.5378 |
| 5.61282407 | 14.49 | 28.3237 | 5.78631944 | 14.4 | 23.4347 | 5.95981482 | 13.96 | 25.499 |
| 5.61293982 | 14.49 | 28.6055 | 5.78643519 | 14.42 | 25.2816 | 5.95993056 | 13.96 | 25.5217 |
| 5.61305556 | 14.5 | 28.052 | 5.78655093 | 14.43 | 26.7128 | 5.9600463 | 13.97 | 25.616 |
| 5.6131713 | 14.5 | 28.3367 | 5.78666667 | 14.43 | 25.721 | 5.96016204 | 13.97 | 25.5997 |
| 5.61328704 | 14.49 | 28.8633 | 5.78678241 | 14.43 | 26.5516 | 5.96027778 | 13.97 | 25.6258 |
| 5.61340278 | 14.53 | 26.1713 | 5.78689815 | 14.4 | 21.7897 | 5.96039352 | 13.96 | 25.399 |
| 5.61351852 | 14.49 | 28.7422 | 5.78701389 | 14.4 | 23.8772 | 5.96050926 | 13.96 | 25.3574 |
| 5.61363426 | 14.5 | 28.4628 | 5.78712963 | 14.4 | 21.8367 | 5.960625 | 13.96 | 25.4312 |
| 5.61375 | 14.57 | 22.4993 | 5.78724537 | 14.38 | 21.3645 | 5.96074074 | 13.96 | 25.3798 |
| 5.61386574 | 14.53 | 26.4056 | 5.78736111 | 14.38 | 19.9949 | 5.96085648 | 13.96 | 25.367 |
| 5.61398148 | 14.5 | 28.6147 | 5.78747685 | 14.38 | 22.2155 | 5.96097222 | 13.96 | 25.3254 |
| 5.61409722 | 14.49 | 29.1085 | 5.78759259 | 14.38 | 21.6495 | 5.96108796 | 13.96 | 25.3478 |
| 5.61421296 | 14.47 | 29.4161 | 5.78770833 | 14.39 | 23.1615 | 5.9612037 | 13.96 | 25.4409 |
| 5.6143287 | 14.47 | 29.2218 | 5.78782407 | 14.36 | 18.4284 | 5.96131944 | 13.96 | 25.399 |
| 5.61444444 | 14.47 | 29.3641 | 5.78793982 | 14.28 | 14.1864 | 5.96143519 | 13.96 | 25.4312 |
| 5.61456019 | 14.47 | 29.4074 | 5.78805556 | 14.33 | 17.7281 | 5.96155093 | 13.96 | 25.4151 |
| 5.61467593 | 14.47 | 29.604 | 5.7881713 | 14.38 | 23.9354 | 5.96166667 | 13.97 | 25.652 |
| 5.61479167 | 14.47 | 29.3727 | 5.78828704 | 14.36 | 19.3253 | 5.96178241 | 13.97 | 25.7508 |
| 5.61490741 | 14.47 | 29.5557 | 5.78840278 | 14.33 | 18.0399 | 5.96189815 | 13.97 | 25.6487 |
| 5.61502315 | 14.46 | 29.5239 | 5.78851852 | 14.39 | 21.6879 | 5.96201389 | 13.96 | 25.6816 |
| 5.61513889 | 14.47 | 29.3771 | 5.78863426 | 14.39 | 23.3016 | 5.96212963 | 13.96 | 25.6456 |
| 5.61525463 | 14.47 | 29.4465 | 5.78875 | 14.38 | 23.4221 | 5.96224537 | 13.97 | 25.7178 |
| 5.61537037 | 14.49 | 29.117 | 5.78886574 | 14.35 | 19.6566 | 5.96236111 | 13.97 | 25.675 |
| 5.61548611 | 14.49 | 27.9957 | 5.78898148 | 14.33 | 19.2232 | 5.96247685 | 13.96 | 25.6652 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61560185 | 14.54 | 23.8487 | 5.78909722 | 14.4 | 25.9123 | 5.96259259 | 13.96 | 25.6718 |
| 5.61571759 | 14.61 | 18.4772 | 5.78921296 | 14.43 | 27.8736 | 5.96270833 | 13.97 | 25.7013 |
| 5.61583333 | 14.56 | 23.9919 | 5.7893287 | 14.45 | 27.9495 | 5.96282407 | 13.97 | 25.6816 |
| 5.61594907 | 14.54 | 25.0253 | 5.78944444 | 14.4 | 24.3349 | 5.96293982 | 13.97 | 25.6849 |
| 5.61606482 | 14.61 | 21.3557 | 5.78956019 | 14.39 | 24.3322 | 5.96305556 | 13.97 | 25.6717 |
| 5.61618056 | 14.61 | 24.0338 | 5.78967593 | 14.42 | 26.81 | 5.9631713 | 13.97 | 25.7343 |
| 5.6162963 | 14.6 | 21.627 | 5.78979167 | 14.45 | 28.8888 | 5.96328704 | 13.97 | 25.6029 |
| 5.61641204 | 14.63 | 21.1768 | 5.78990741 | 14.45 | 28.2038 | 5.96340278 | 13.96 | 25.639 |
| 5.61652778 | 14.63 | 20.0726 | 5.79002315 | 14.43 | 26.4877 | 5.96351852 | 13.96 | 25.6784 |
| 5.61664352 | 14.6 | 23.491 | 5.79013889 | 14.45 | 28.6102 | 5.96363426 | 13.97 | 25.7343 |
| 5.61675926 | 14.57 | 25.0822 | 5.79025463 | 14.46 | 29.35 | 5.96375 | 13.97 | 25.6586 |
| 5.616875 | 14.56 | 26.7608 | 5.79037037 | 14.46 | 28.8772 | 5.96386574 | 13.96 | 25.5542 |
| 5.61699074 | 14.5 | 28.9906 | 5.79048611 | 14.43 | 26.8285 | 5.96398148 | 13.96 | 25.6226 |
| 5.61710648 | 14.5 | 28.7348 | 5.79060185 | 14.38 | 23.0954 | 5.96409722 | 13.96 | 25.5769 |
| 5.61722222 | 14.49 | 29.1127 | 5.79071759 | 14.42 | 26.2211 | 5.96421296 | 13.96 | 25.59 |
| 5.61733796 | 14.49 | 29.4053 | 5.79083333 | 14.42 | 26.698 | 5.9643287 | 13.96 | 25.5314 |
| 5.6174537 | 14.49 | 29.3793 | 5.79094907 | 14.43 | 26.4453 | 5.96444444 | 13.94 | 25.4573 |
| 5.61756944 | 14.47 | 29.4596 | 5.79106482 | 14.43 | 26.96 | 5.96456019 | 13.94 | 25.4058 |
| 5.61768519 | 14.47 | 29.5076 | 5.79118056 | 14.42 | 26.8173 | 5.96467593 | 13.92 | 25.3102 |
| 5.61780093 | 14.47 | 29.477 | 5.7912963 | 14.4 | 24.1198 | 5.96479167 | 13.92 | 25.2847 |
| 5.61791667 | 14.49 | 29.4837 | 5.79141204 | 14.4 | 25.9056 | 5.96490741 | 13.93 | 25.2941 |
| 5.61803241 | 14.47 | 29.464 | 5.79152778 | 14.39 | 24.0417 | 5.96502315 | 13.93 | 25.31 |
| 5.61814815 | 14.49 | 28.3927 | 5.79164352 | 14.39 | 24.3025 | 5.96513889 | 13.92 | 25.3102 |
| 5.61826389 | 14.5 | 27.8626 | 5.79175926 | 14.4 | 24.557 | 5.96525463 | 13.92 | 25.2625 |
| 5.61837963 | 14.54 | 24.4991 | 5.791875 | 14.43 | 26.6266 | 5.96537037 | 13.9 | 25.2439 |
| 5.61849537 | 14.57 | 21.8124 | 5.79199074 | 14.46 | 28.9824 | 5.96548611 | 13.92 | 25.2118 |
| 5.61861111 | 14.57 | 22.8124 | 5.79210648 | 14.45 | 28.7843 | 5.96560185 | 13.9 | 25.187 |
| 5.61872685 | 14.6 | 21.0958 | 5.79222222 | 14.43 | 27.2791 | 5.96571759 | 13.89 | 25.1527 |
| 5.61884259 | 14.59 | 22.8398 | 5.79233796 | 14.43 | 27.3544 | 5.96583333 | 13.9 | 25.1367 |
| 5.61895833 | 14.64 | 19.1656 | 5.7924537 | 14.43 | 27.2043 | 5.96594907 | 13.89 | 25.1841 |
| 5.61907407 | 14.64 | 18.7586 | 5.79256944 | 14.45 | 28.5938 | 5.96606482 | 13.9 | 25.1996 |
| 5.61918982 | 14.52 | 28.9462 | 5.79268519 | 14.42 | 25.7043 | 5.96618056 | 13.89 | 25.1684 |
| 5.61930556 | 14.5 | 28.789 | 5.79280093 | 14.4 | 24.8765 | 5.9662963 | 13.9 | 25.1461 |
| 5.6194213 | 14.5 | 27.7922 | 5.79291667 | 14.42 | 27.1145 | 5.96641204 | 13.89 | 25.1904 |
| 5.61953704 | 14.5 | 27.8822 | 5.79303241 | 14.42 | 26.3291 | 5.96652778 | 13.9 | 25.2028 |
| 5.61965278 | 14.5 | 27.9333 | 5.79314815 | 14.42 | 26.3466 | 5.96664352 | 13.9 | 25.1776 |
| 5.61976852 | 14.49 | 28.6261 | 5.79326389 | 14.39 | 24.164 | 5.96675926 | 13.9 | 25.2091 |
| 5.61988426 | 14.49 | 29.0023 | 5.79337963 | 14.42 | 26.4451 | 5.966875 | 13.9 | 25.2028 |
| 5.62 | 14.47 | 29.2648 | 5.79349537 | 14.39 | 24.6241 | 5.96699074 | 13.89 | 25.2251 |
| 5.62011574 | 14.47 | 29.4378 | 5.79361111 | 14.38 | 25.1093 | 5.96710648 | 13.9 | 25.2186 |
| 5.62023148 | 14.49 | 29.336 | 5.79372685 | 14.4 | 25.7308 | 5.96722222 | 13.89 | 25.2409 |
| 5.62034722 | 14.47 | 29.6304 | 5.79384259 | 14.39 | 24.9861 | 5.96733796 | 13.9 | 25.2661 |
| 5.62046296 | 14.47 | 29.5207 | 5.79395833 | 14.39 | 26.1825 | 5.9674537 | 13.9 | 25.3233 |
| 5.6205787 | 14.47 | 29.2906 | 5.79407407 | 14.38 | 26.0243 | 5.96756944 | 13.89 | 25.2473 |
| 5.62069444 | 14.46 | 29.3673 | 5.79418982 | 14.38 | 24.6274 | 5.96768519 | 13.89 | 25.2568 |
| 5.62081019 | 14.47 | 27.1539 | 5.79430556 | 14.36 | 25.0463 | 5.96780093 | 13.89 | 25.2663 |
| 5.62092593 | 14.47 | 29.3727 | 5.7944213 | 14.36 | 25.1096 | 5.96791667 | 13.89 | 25.2314 |
| 5.62104167 | 14.47 | 28.7778 | 5.79453704 | 14.38 | 25.0587 | 5.96803241 | 13.89 | 25.2093 |
| 5.62115741 | 14.47 | 28.1015 | 5.79465278 | 14.38 | 25.395 | 5.96814815 | 13.89 | 25.2093 |
| 5.62127315 | 14.54 | 22.8482 | 5.79476852 | 14.35 | 24.078 | 5.96826389 | 13.88 | 25.2127 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62138889 | 14.54 | 25.5292 | 5.79488426 | 14.35 | 24.0374 | 5.96837963 | 13.89 | 25.2156 |
| 5.62150463 | 14.56 | 24.1114 | 5.795 | 14.35 | 23.3283 | 5.96849537 | 13.9 | 25.2502 |
| 5.62162037 | 14.57 | 22.2446 | 5.79511574 | 14.33 | 22.8621 | 5.96861111 | 13.9 | 25.2629 |
| 5.62173611 | 14.52 | 26.8502 | 5.79523148 | 14.35 | 22.5507 | 5.96872685 | 13.9 | 25.2915 |
| 5.62185185 | 14.53 | 26.6442 | 5.79534722 | 14.36 | 25.3886 | 5.96884259 | 13.9 | 25.4128 |
| 5.62196759 | 14.54 | 23.5773 | 5.79546296 | 14.36 | 25.9526 | 5.96895833 | 13.9 | 25.3137 |
| 5.62208333 | 14.52 | 25.3265 | 5.7955787 | 14.36 | 26.1474 | 5.96907407 | 13.89 | 25.2473 |
| 5.62219907 | 14.5 | 27.7727 | 5.79569444 | 14.38 | 26.5325 | 5.96918982 | 13.9 | 25.2915 |
| 5.62231482 | 14.52 | 25.7854 | 5.79581019 | 14.4 | 27.4589 | 5.96930556 | 13.89 | 25.2917 |
| 5.62243056 | 14.53 | 25.2941 | 5.79592593 | 14.4 | 27.2739 | 5.9694213 | 13.89 | 25.2599 |
| 5.6225463 | 14.53 | 26.1471 | 5.79604167 | 14.42 | 28.0145 | 5.96953704 | 13.89 | 25.2251 |
| 5.62266204 | 14.5 | 27.2564 | 5.79615741 | 14.39 | 27.3902 | 5.96965278 | 13.89 | 25.2314 |
| 5.62277778 | 14.52 | 25.9206 | 5.79627315 | 14.39 | 27.569 | 5.96976852 | 13.86 | 25.21 |
| 5.62289352 | 14.5 | 27.4644 | 5.79638889 | 14.39 | 27.5003 | 5.96988426 | 13.88 | 25.2064 |
| 5.62300926 | 14.5 | 26.0466 | 5.79650463 | 14.4 | 27.899 | 5.97 | 13.88 | 25.2222 |
| 5.623125 | 14.54 | 22.0299 | 5.79662037 | 14.39 | 27.3035 | 5.97011574 | 13.88 | 25.2222 |
| 5.62324074 | 14.52 | 26.6295 | 5.79673611 | 14.4 | 28.0369 | 5.97023148 | 13.88 | 25.219 |
| 5.62335648 | 14.53 | 24.448 | 5.79685185 | 14.4 | 28.0765 | 5.97034722 | 13.88 | 25.2475 |
| 5.62347222 | 14.5 | 26.9555 | 5.79696759 | 14.4 | 27.6349 | 5.97046296 | 13.88 | 25.2696 |
| 5.62358796 | 14.56 | 21.8227 | 5.79708333 | 14.4 | 27.8481 | 5.9705787 | 13.89 | 25.2631 |
| 5.6237037 | 14.63 | 17.9346 | 5.79719907 | 14.4 | 27.8091 | 5.97069444 | 13.88 | 25.2285 |
| 5.62381944 | 14.59 | 23.2093 | 5.79731482 | 14.39 | 27.3373 | 5.97081019 | 13.88 | 25.257 |
| 5.62393519 | 14.59 | 21.5562 | 5.79743056 | 14.4 | 27.4818 | 5.97092593 | 13.88 | 25.1906 |
| 5.62405093 | 14.53 | 26.4268 | 5.7975463 | 14.4 | 27.631 | 5.97104167 | 13.88 | 25.1812 |
| 5.62416667 | 14.54 | 24.5082 | 5.79766204 | 14.38 | 27.0241 | 5.97115741 | 13.88 | 25.2001 |
| 5.62428241 | 14.54 | 24.5143 | 5.79777778 | 14.39 | 27.6343 | 5.97127315 | 13.86 | 25.21 |
| 5.62439815 | 14.54 | 24.2742 | 5.79789352 | 14.39 | 27.7231 | 5.97138889 | 13.88 | 25.1969 |
| 5.62451389 | 14.5 | 27.3657 | 5.79800926 | 14.38 | 27.3256 | 5.97150463 | 13.88 | 25.1906 |
| 5.62462963 | 14.52 | 26.8502 | 5.798125 | 14.39 | 27.6497 | 5.97162037 | 13.86 | 25.2037 |
| 5.62474537 | 14.5 | 27.3732 | 5.79824074 | 14.39 | 27.466 | 5.97173611 | 13.89 | 25.2062 |
| 5.62486111 | 14.53 | 24.9718 | 5.79835648 | 14.39 | 28.0957 | 5.97185185 | 13.88 | 25.238 |
| 5.62497685 | 14.53 | 24.5814 | 5.79847222 | 14.4 | 28.6141 | 5.97196759 | 13.86 | 25.2353 |
| 5.62509259 | 14.5 | 28.0838 | 5.79858796 | 14.42 | 29.2166 | 5.97208333 | 13.86 | 25.2289 |
| 5.62520833 | 14.5 | 25.9509 | 5.7987037 | 14.4 | 28.5853 | 5.97219907 | 13.86 | 25.2037 |
| 5.62532407 | 14.52 | 25.8326 | 5.79881944 | 14.4 | 28.5157 | 5.97231482 | 13.86 | 25.2384 |
| 5.62543982 | 14.52 | 25.9002 | 5.79893519 | 14.4 | 28.6224 | 5.97243056 | 13.88 | 25.2064 |
| 5.62555556 | 14.5 | 26.3872 | 5.79905093 | 14.42 | 28.5214 | 5.9725463 | 13.88 | 25.1906 |
| 5.6256713 | 14.53 | 24.7998 | 5.79916667 | 14.42 | 28.8483 | 5.97266204 | 13.86 | 25.2258 |
| 5.62578704 | 14.52 | 25.6051 | 5.79928241 | 14.42 | 28.6943 | 5.97277778 | 13.86 | 25.2195 |
| 5.62590278 | 14.52 | 26.6223 | 5.79939815 | 14.4 | 28.2281 | 5.97289352 | 13.88 | 25.257 |
| 5.62601852 | 14.52 | 26.8247 | 5.79951389 | 14.42 | 28.8107 | 5.97300926 | 13.88 | 25.2633 |
| 5.62613426 | 14.52 | 26.5187 | 5.79962963 | 14.42 | 28.4683 | 5.973125 | 13.89 | 25.2726 |
| 5.62625 | 14.52 | 26.9747 | 5.79974537 | 14.42 | 28.3343 | 5.97324074 | 13.89 | 25.3044 |
| 5.62636574 | 14.5 | 27.6756 | 5.79986111 | 14.42 | 28.5132 | 5.97335648 | 13.9 | 25.3808 |
| 5.62648148 | 14.5 | 28.0321 | 5.79997685 | 14.43 | 28.971 | 5.97347222 | 13.9 | 25.3808 |
| 5.62659722 | 14.52 | 26.949 | 5.80009259 | 14.43 | 29.0387 | 5.97358796 | 13.9 | 25.3616 |
| 5.62671296 | 14.52 | 26.8538 | 5.80020833 | 14.42 | 29.1056 | 5.9737037 | 13.9 | 25.4385 |
| 5.6268287 | 14.53 | 25.9889 | 5.80032407 | 14.43 | 28.95 | 5.97381944 | 13.9 | 25.4289 |
| 5.62694444 | 14.56 | 23.9225 | 5.80043982 | 14.42 | 28.5296 | 5.97393519 | 13.93 | 25.4994 |
| 5.62706019 | 14.52 | 26.1989 | 5.80055556 | 14.4 | 28.3005 | 5.97405093 | 13.94 | 25.5837 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62717593 | 14.5 | 28.357 | 5.8006713 | 14.42 | 28.3101 | 5.97416667 | 13.9 | 25.3297 |
| 5.62729167 | 14.52 | 27.7079 | 5.80078704 | 14.42 | 28.5665 | 5.97428241 | 13.9 | 25.3584 |
| 5.62740741 | 14.5 | 27.6331 | 5.80090278 | 14.43 | 28.9037 | 5.97439815 | 13.89 | 25.3362 |
| 5.62752315 | 14.5 | 28.1436 | 5.80101852 | 14.43 | 28.8869 | 5.97451389 | 13.9 | 25.4193 |
| 5.62763889 | 14.52 | 26.8757 | 5.80113426 | 14.42 | 28.9954 | 5.97462963 | 13.92 | 25.4318 |
| 5.62775463 | 14.49 | 26.0465 | 5.80125 | 14.43 | 28.7118 | 5.97474537 | 13.9 | 25.3968 |
| 5.62787037 | 14.5 | 26.9042 | 5.80136574 | 14.45 | 28.7593 | 5.97486111 | 13.89 | 25.3044 |
| 5.62798611 | 14.5 | 26.7875 | 5.80148148 | 14.43 | 28.8116 | 5.97497685 | 13.88 | 25.3205 |
| 5.62810185 | 14.54 | 22.0178 | 5.80159722 | 14.43 | 28.8785 | 5.97509259 | 13.88 | 25.2982 |
| 5.62821759 | 14.57 | 21.8337 | 5.80171296 | 14.43 | 28.9037 | 5.97520833 | 13.89 | 25.3618 |
| 5.62833333 | 14.56 | 24.8398 | 5.8018287 | 14.43 | 28.9331 | 5.97532407 | 13.89 | 25.3044 |
| 5.62844907 | 14.5 | 27.7922 | 5.80194444 | 14.43 | 28.9247 | 5.97543982 | 13.9 | 25.4482 |
| 5.62856482 | 14.49 | 28.7672 | 5.80206019 | 14.42 | 28.949 | 5.97555556 | 13.92 | 25.4479 |
| 5.62868056 | 14.49 | 27.502 | 5.80217593 | 14.43 | 28.9542 | 5.9756713 | 13.92 | 25.4318 |
| 5.6287963 | 14.47 | 28.3424 | 5.80229167 | 14.43 | 28.9795 | 5.97578704 | 13.9 | 25.3488 |
| 5.62891204 | 14.49 | 28.0592 | 5.80240741 | 14.43 | 28.9458 | 5.97590278 | 13.9 | 25.3552 |
| 5.62902778 | 14.49 | 26.8599 | 5.80252315 | 14.42 | 28.9785 | 5.97601852 | 13.92 | 25.4318 |
| 5.62914352 | 14.49 | 28.2431 | 5.80263889 | 14.42 | 28.9448 | 5.97613426 | 13.89 | 25.3522 |
| 5.62925926 | 14.49 | 28.2431 | 5.80275463 | 14.42 | 28.8692 | 5.97625 | 13.9 | 25.3712 |
| 5.629375 | 14.49 | 28.1508 | 5.80287037 | 14.42 | 28.8734 | 5.97636574 | 13.9 | 25.3872 |
| 5.62949074 | 14.49 | 27.858 | 5.80298611 | 14.42 | 28.9785 | 5.97648148 | 13.92 | 25.464 |
| 5.62960648 | 14.5 | 27.3203 | 5.80310185 | 14.42 | 28.9869 | 5.97659722 | 13.9 | 25.445 |
| 5.62972222 | 14.47 | 28.8572 | 5.80321759 | 14.42 | 29.0758 | 5.97671296 | 13.9 | 25.3776 |
| 5.62983796 | 14.47 | 28.4114 | 5.80333333 | 14.42 | 29.0377 | 5.9768287 | 13.89 | 25.3522 |
| 5.6299537 | 14.49 | 27.9523 | 5.80344907 | 14.42 | 29.0207 | 5.97694444 | 13.89 | 25.3618 |
| 5.63006944 | 14.47 | 28.0181 | 5.80356482 | 14.42 | 29.0292 | 5.97706019 | 13.89 | 25.3362 |
| 5.63018519 | 14.47 | 29.1235 | 5.80368056 | 14.42 | 29.0673 | 5.97717593 | 13.9 | 25.4032 |
| 5.63030093 | 14.49 | 27.9208 | 5.8037963 | 14.42 | 29.0504 | 5.97729167 | 13.9 | 25.4385 |
| 5.63041667 | 14.47 | 28.4154 | 5.80391204 | 14.42 | 29.0631 | 5.97740741 | 13.9 | 25.4385 |
| 5.63053241 | 14.47 | 28.782 | 5.80402778 | 14.42 | 29.0886 | 5.97752315 | 13.92 | 25.4125 |
| 5.63064815 | 14.47 | 28.5955 | 5.80414352 | 14.42 | 29.1098 | 5.97763889 | 13.9 | 25.4289 |
| 5.63076389 | 14.47 | 28.3262 | 5.80425926 | 14.42 | 29.1524 | 5.97775463 | 13.9 | 25.4032 |
| 5.63087963 | 14.47 | 28.5749 | 5.804375 | 14.42 | 29.2294 | 5.97787037 | 13.89 | 25.3682 |
| 5.63099537 | 14.49 | 28.3521 | 5.80449074 | 14.43 | 29.1577 | 5.97798611 | 13.89 | 25.3778 |
| 5.63111111 | 14.5 | 26.7767 | 5.80460648 | 14.43 | 29.2048 | 5.97810185 | 13.89 | 25.3203 |
| 5.63122685 | 14.49 | 28.5233 | 5.80472222 | 14.42 | 29.2209 | 5.97821759 | 13.89 | 25.3618 |
| 5.63134259 | 14.47 | 28.7903 | 5.80483796 | 14.4 | 29.2231 | 5.97833333 | 13.89 | 25.4002 |
| 5.63145833 | 14.47 | 28.0855 | 5.8049537 | 14.42 | 29.208 | 5.97844907 | 13.9 | 25.4032 |
| 5.63157407 | 14.47 | 29.0384 | 5.80506944 | 14.4 | 29.2488 | 5.97856482 | 13.9 | 25.4193 |
| 5.63168982 | 14.47 | 28.391 | 5.80518519 | 14.42 | 29.2466 | 5.97868056 | 13.89 | 25.4258 |
| 5.63180556 | 14.47 | 28.8782 | 5.80530093 | 14.4 | 29.2359 | 5.9787963 | 13.9 | 25.4193 |
| 5.6319213 | 14.47 | 28.4562 | 5.80541667 | 14.42 | 29.2466 | 5.97891204 | 13.9 | 25.3936 |
| 5.63203704 | 14.47 | 28.3626 | 5.80553241 | 14.4 | 28.8297 | 5.97902778 | 13.89 | 25.4194 |
| 5.63215278 | 14.45 | 28.893 | 5.80564815 | 14.39 | 28.879 | 5.97914352 | 13.89 | 25.3458 |
| 5.63226852 | 14.46 | 28.5741 | 5.80576389 | 14.39 | 28.8497 | 5.97925926 | 13.89 | 25.3618 |
| 5.63238426 | 14.46 | 28.5494 | 5.80587963 | 14.4 | 29.1803 | 5.979375 | 13.89 | 25.3362 |
| 5.6325 | 14.46 | 28.8688 | 5.80599537 | 14.42 | 29.2423 | 5.97949074 | 13.89 | 25.3714 |
| 5.63261574 | 14.45 | 28.8386 | 5.80611111 | 14.43 | 29.4117 | 5.97960648 | 13.89 | 25.3874 |
| 5.63273148 | 14.46 | 28.3173 | 5.80622685 | 14.42 | 29.3716 | 5.97972222 | 13.92 | 25.5774 |
| 5.63284722 | 14.45 | 29.31 | 5.80634259 | 14.42 | 29.0843 | 5.97983796 | 13.9 | 25.3936 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63296296 | 14.45 | 29.0491 | 5.80645833 | 14.43 | 29.2262 | 5.9799537 | 13.88 | 25.3205 |
| 5.6330787 | 14.45 | 29.3489 | 5.80657407 | 14.42 | 28.949 | 5.98006944 | 13.86 | 25.3304 |
| 5.63319444 | 14.43 | 29.4812 | 5.80668982 | 14.42 | 29.1781 | 5.98018519 | 13.88 | 25.3205 |
| 5.63331019 | 14.43 | 29.39 | 5.80680556 | 14.4 | 29.0188 | 5.98030093 | 13.88 | 25.3046 |
| 5.63342593 | 14.43 | 29.5906 | 5.8069213 | 14.4 | 28.9387 | 5.98041667 | 13.86 | 25.2479 |
| 5.63354167 | 14.43 | 29.2906 | 5.80703704 | 14.39 | 28.7497 | 5.98053241 | 13.86 | 25.2574 |
| 5.63365741 | 14.43 | 29.4682 | 5.80715278 | 14.33 | 28.0202 | 5.98064815 | 13.86 | 25.2732 |
| 5.63377315 | 14.43 | 29.503 | 5.80726852 | 14.33 | 27.9887 | 5.98076389 | 13.88 | 25.2855 |
| 5.63388889 | 14.43 | 29.4769 | 5.80738426 | 14.35 | 28.1286 | 5.98087963 | 13.88 | 25.3109 |
| 5.63400463 | 14.43 | 29.7139 | 5.8075 | 14.35 | 28.2084 | 5.98099537 | 13.86 | 25.3209 |
| 5.63412037 | 14.45 | 29.4182 | 5.80761574 | 14.36 | 28.2492 | 5.98111111 | 13.88 | 25.3588 |
| 5.63423611 | 14.43 | 29.1962 | 5.80773148 | 14.35 | 28.1884 | 5.98122685 | 13.89 | 25.3682 |
| 5.63435185 | 14.43 | 29.5774 | 5.80784722 | 14.36 | 28.2171 | 5.98134259 | 13.89 | 25.3906 |
| 5.63446759 | 14.43 | 29.3424 | 5.80796296 | 14.33 | 27.5314 | 5.98145833 | 13.89 | 25.3458 |
| 5.63458333 | 14.45 | 29.1812 | 5.8080787 | 14.29 | 27.2763 | 5.98157407 | 13.86 | 25.3018 |
| 5.63469907 | 14.46 | 29.2079 | 5.80819444 | 14.29 | 27.146 | 5.98168982 | 13.88 | 25.2919 |
| 5.63481482 | 14.45 | 29.1214 | 5.80831019 | 14.35 | 28.3774 | 5.98180556 | 13.89 | 25.3682 |
| 5.63493056 | 14.46 | 29.0714 | 5.80842593 | 14.33 | 28.0281 | 5.9819213 | 13.89 | 25.3842 |
| 5.6350463 | 14.46 | 28.9824 | 5.80854167 | 14.35 | 28.073 | 5.98203704 | 13.89 | 25.3778 |
| 5.63516204 | 14.46 | 28.9866 | 5.80865741 | 14.36 | 28.3458 | 5.98215278 | 13.86 | 25.2923 |
| 5.63527778 | 14.46 | 29.1865 | 5.80877315 | 14.36 | 28.6395 | 5.98226852 | 13.88 | 25.3014 |
| 5.63539352 | 14.47 | 28.2818 | 5.80888889 | 14.36 | 28.4553 | 5.98238426 | 13.88 | 25.295 |
| 5.63550926 | 14.46 | 28.9993 | 5.80900463 | 14.36 | 28.3256 | 5.9825 | 13.86 | 25.2732 |
| 5.635625 | 14.45 | 28.9899 | 5.80912037 | 14.4 | 29.1974 | 5.98261574 | 13.86 | 25.2416 |
| 5.63574074 | 14.45 | 28.6556 | 5.80923611 | 14.4 | 28.8548 | 5.98273148 | 13.86 | 25.3241 |
| 5.63585648 | 14.49 | 25.3752 | 5.80935185 | 14.42 | 29.1269 | 5.98284722 | 13.88 | 25.3173 |
| 5.63597222 | 14.47 | 28.0537 | 5.80946759 | 14.42 | 29.1098 | 5.98296296 | 13.86 | 25.2986 |
| 5.63608796 | 14.46 | 29.0289 | 5.80958333 | 14.4 | 28.9934 | 5.9830787 | 13.86 | 25.2891 |
| 5.6362037 | 14.47 | 27.3452 | 5.80969907 | 14.42 | 29.0589 | 5.98319444 | 13.86 | 25.2574 |
| 5.63631944 | 14.46 | 28.4676 | 5.80981482 | 14.42 | 29.2552 | 5.98331019 | 13.86 | 25.2637 |
| 5.63643519 | 14.46 | 28.3052 | 5.80993056 | 14.42 | 29.161 | 5.98342593 | 13.86 | 25.2384 |
| 5.63655093 | 14.46 | 28.7685 | 5.8100463 | 14.39 | 28.5312 | 5.98354167 | 13.86 | 25.2258 |
| 5.63666667 | 14.45 | 29.0449 | 5.81016204 | 14.4 | 28.8047 | 5.98365741 | 13.86 | 25.2163 |
| 5.63678241 | 14.45 | 29.2971 | 5.81027778 | 14.39 | 28.638 | 5.98377315 | 13.86 | 25.1754 |
| 5.63689815 | 14.45 | 29.4748 | 5.81039352 | 14.38 | 28.4487 | 5.98388889 | 13.86 | 25.1848 |
| 5.63701389 | 14.45 | 29.4009 | 5.81050926 | 14.36 | 28.0618 | 5.98400463 | 13.85 | 25.185 |
| 5.63712963 | 14.45 | 29.0026 | 5.810625 | 14.35 | 28.2565 | 5.98412037 | 13.86 | 25.1597 |
| 5.63724537 | 14.45 | 29.3446 | 5.81074074 | 14.4 | 29.0823 | 5.98423611 | 13.86 | 25.1722 |
| 5.63736111 | 14.45 | 29.4966 | 5.81085648 | 14.38 | 28.7987 | 5.98435185 | 13.86 | 25.1942 |
| 5.63747685 | 14.43 | 29.0514 | 5.81097222 | 14.39 | 28.8497 | 5.98446759 | 13.86 | 25.1942 |
| 5.63759259 | 14.45 | 29.4399 | 5.81108796 | 14.38 | 28.596 | 5.98458333 | 13.86 | 25.1848 |
| 5.63770833 | 14.43 | 29.4421 | 5.8112037 | 14.36 | 28.4187 | 5.98469907 | 13.86 | 25.21 |
| 5.63782407 | 14.43 | 29.5074 | 5.81131944 | 14.33 | 28.0716 | 5.98481482 | 13.86 | 25.2353 |
| 5.63793982 | 14.43 | 29.3208 | 5.81143519 | 14.36 | 28.4431 | 5.98493056 | 13.88 | 25.2475 |
| 5.63805556 | 14.45 | 29.0831 | 5.81155093 | 14.35 | 28.4098 | 5.9850463 | 13.86 | 25.1754 |
| 5.6381713 | 14.47 | 28.7611 | 5.81166667 | 14.32 | 27.9017 | 5.98516204 | 13.85 | 25.1662 |
| 5.63828704 | 14.47 | 28.8698 | 5.81178241 | 14.32 | 27.9841 | 5.98527778 | 13.86 | 25.1785 |
| 5.63840278 | 14.49 | 28.6096 | 5.81189815 | 14.33 | 27.9769 | 5.98539352 | 13.86 | 25.1502 |
| 5.63851852 | 14.49 | 28.9854 | 5.81201389 | 14.33 | 28.0915 | 5.98550926 | 13.86 | 25.1597 |
| 5.63863426 | 14.47 | 28.7279 | 5.81212963 | 14.31 | 27.8464 | 5.985625 | 13.86 | 25.1597 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63875 | 14.47 | 28.674 | 5.81224537 | 14.32 | 27.9213 | 5.98574074 | 13.86 | 25.1691 |
| 5.63886574 | 14.49 | 28.7089 | 5.81236111 | 14.33 | 28.1312 | 5.98585648 | 13.85 | 25.1442 |
| 5.63898148 | 14.49 | 28.6799 | 5.81247685 | 14.33 | 27.918 | 5.98597222 | 13.85 | 25.1285 |
| 5.63909722 | 14.49 | 28.9011 | 5.81259259 | 14.28 | 27.4717 | 5.98608796 | 13.86 | 25.122 |
| 5.63921296 | 14.49 | 28.466 | 5.81270833 | 14.28 | 27.5592 | 5.9862037 | 13.86 | 25.144 |
| 5.6393287 | 14.49 | 28.2069 | 5.81282407 | 14.28 | 27.4869 | 5.98631944 | 13.85 | 25.1505 |
| 5.63944444 | 14.49 | 28.1388 | 5.81293982 | 14.28 | 27.5287 | 5.98643519 | 13.85 | 25.1599 |
| 5.63956019 | 14.47 | 28.645 | 5.81305556 | 14.29 | 27.6018 | 5.98655093 | 13.85 | 25.1411 |
| 5.63967593 | 14.5 | 27.3392 | 5.8131713 | 14.32 | 27.9487 | 5.98666667 | 13.86 | 25.1534 |
| 5.63979167 | 14.52 | 26.5722 | 5.81328704 | 14.31 | 27.757 | 5.98678241 | 13.85 | 25.1285 |
| 5.63990741 | 14.49 | 28.622 | 5.81340278 | 14.29 | 27.6517 | 5.98689815 | 13.86 | 25.1126 |
| 5.64002315 | 14.5 | 27.7416 | 5.81351852 | 14.28 | 27.6319 | 5.98701389 | 13.85 | 25.1442 |
| 5.64013889 | 14.49 | 28.466 | 5.81363426 | 14.29 | 27.8802 | 5.98712963 | 13.85 | 25.1442 |
| 5.64025463 | 14.5 | 27.8117 | 5.81375 | 14.32 | 28.1265 | 5.98724537 | 13.85 | 25.1285 |
| 5.64037037 | 14.5 | 27.9688 | 5.81386574 | 14.32 | 28.1185 | 5.98736111 | 13.85 | 25.1098 |
| 5.64048611 | 14.5 | 27.5217 | 5.81398148 | 14.33 | 28.3072 | 5.98747685 | 13.83 | 25.1009 |
| 5.64060185 | 14.47 | 28.7861 | 5.81409722 | 14.33 | 28.3354 | 5.98759259 | 13.83 | 25.0822 |
| 5.64071759 | 14.47 | 28.645 | 5.81421296 | 14.36 | 28.7677 | 5.98770833 | 13.83 | 25.0697 |
| 5.64083333 | 14.49 | 27.9405 | 5.8143287 | 14.35 | 28.3936 | 5.98782407 | 13.83 | 25.0448 |
| 5.64094907 | 14.47 | 28.0855 | 5.81444444 | 14.36 | 28.6642 | 5.98793982 | 13.83 | 25.0448 |
| 5.64106482 | 14.49 | 28.091 | 5.81456019 | 14.35 | 28.4463 | 5.98805556 | 13.83 | 25.0417 |
| 5.64118056 | 14.47 | 28.6244 | 5.81467593 | 14.39 | 29.0474 | 5.9881713 | 13.85 | 25.0163 |
| 5.6412963 | 14.49 | 28.622 | 5.81479167 | 14.35 | 28.3531 | 5.98828704 | 13.83 | 25.0138 |
| 5.64141204 | 14.49 | 28.4864 | 5.81490741 | 14.36 | 28.5369 | 5.98840278 | 13.83 | 25.0138 |
| 5.64152778 | 14.49 | 28.3116 | 5.81502315 | 14.4 | 29.0399 | 5.98851852 | 13.83 | 24.9921 |
| 5.64164352 | 14.5 | 28.7806 | 5.81513889 | 14.39 | 29.0136 | 5.98863426 | 13.82 | 24.9554 |
| 5.64175926 | 14.49 | 28.8089 | 5.81525463 | 14.38 | 28.6453 | 5.98875 | 13.83 | 24.952 |
| 5.641875 | 14.49 | 28.5808 | 5.81537037 | 14.4 | 29.1632 | 5.98886574 | 13.83 | 24.9242 |
| 5.64199074 | 14.47 | 29.1961 | 5.81548611 | 14.39 | 29.1409 | 5.98898148 | 13.83 | 24.9273 |
| 5.64210648 | 14.49 | 28.7964 | 5.81560185 | 14.39 | 28.7206 | 5.98909722 | 13.82 | 24.9 |
| 5.64222222 | 14.49 | 28.7964 | 5.81571759 | 14.38 | 28.666 | 5.98921296 | 13.83 | 24.8966 |
| 5.64233796 | 14.47 | 28.9034 | 5.81583333 | 14.39 | 28.8664 | 5.9893287 | 13.83 | 24.8629 |
| 5.6424537 | 14.47 | 29.1363 | 5.81594907 | 14.36 | 28.3822 | 5.98944444 | 13.83 | 24.872 |
| 5.64256944 | 14.47 | 29.2476 | 5.81606482 | 14.36 | 28.3741 | 5.98956019 | 13.83 | 24.8966 |
| 5.64268519 | 14.49 | 29.0617 | 5.81618056 | 14.35 | 28.345 | 5.98967593 | 13.85 | 24.8286 |
| 5.64280093 | 14.47 | 29.1235 | 5.8162963 | 14.35 | 28.4585 | 5.98979167 | 13.83 | 24.8751 |
| 5.64291667 | 14.49 | 28.7422 | 5.81641204 | 14.35 | 28.4341 | 5.98990741 | 13.83 | 24.8476 |
| 5.64303241 | 14.52 | 26.265 | 5.81652778 | 14.33 | 28.183 | 5.99002315 | 13.85 | 24.853 |
| 5.64314815 | 14.53 | 27.0935 | 5.81664352 | 14.33 | 28.1511 | 5.99013889 | 13.85 | 24.8775 |
| 5.64326389 | 14.49 | 28.8047 | 5.81675926 | 14.32 | 28.1583 | 5.99025463 | 13.85 | 24.8438 |
| 5.64337963 | 14.5 | 27.6524 | 5.816875 | 14.32 | 28.1384 | 5.99037037 | 13.83 | 24.8414 |
| 5.64349537 | 14.49 | 28.2632 | 5.81699074 | 14.32 | 28.1265 | 5.99048611 | 13.83 | 24.8353 |
| 5.64361111 | 14.53 | 24.9403 | 5.81710648 | 14.31 | 28.1099 | 5.99060185 | 13.82 | 24.8082 |
| 5.64372685 | 14.63 | 18.3652 | 5.81722222 | 14.31 | 28.0426 | 5.99071759 | 13.83 | 24.8201 |
| 5.64384259 | 14.64 | 22.1532 | 5.81733796 | 14.31 | 28.094 | 5.99083333 | 13.83 | 24.8262 |
| 5.64395833 | 14.52 | 27.8561 | 5.8174537 | 14.32 | 28.1305 | 5.99094907 | 13.83 | 24.8201 |
| 5.64407407 | 14.5 | 28.3651 | 5.81756944 | 14.32 | 28.0868 | 5.99106482 | 13.83 | 24.817 |
| 5.64418982 | 14.49 | 28.2713 | 5.81768519 | 14.32 | 28.1265 | 5.99118056 | 13.83 | 24.817 |
| 5.64430556 | 14.52 | 25.6383 | 5.81780093 | 14.32 | 28.1305 | 5.9912963 | 13.83 | 24.8414 |
| 5.6444213 | 14.59 | 23.0883 | 5.81791667 | 14.32 | 28.0196 | 5.99141204 | 13.82 | 24.8326 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64453704 | 14.61 | 21.1058 | 5.81803241 | 14.32 | 28.0551 | 5.99152778 | 13.83 | 24.9273 |
| 5.64465278 | 14.61 | 22.6752 | 5.81814815 | 14.31 | 28.0584 | 5.99164352 | 13.83 | 24.8262 |
| 5.64476852 | 14.6 | 22.6655 | 5.81826389 | 14.31 | 27.9756 | 5.99175926 | 13.82 | 24.7991 |
| 5.64488426 | 14.54 | 27.4629 | 5.81837963 | 14.32 | 28.1504 | 5.991875 | 13.82 | 24.8174 |
| 5.645 | 14.59 | 23.2337 | 5.81849537 | 14.31 | 28.0071 | 5.99199074 | 13.82 | 24.8021 |
| 5.64511574 | 14.53 | 26.7343 | 5.81861111 | 14.31 | 27.9913 | 5.99210648 | 13.83 | 24.8598 |
| 5.64523148 | 14.52 | 27.5382 | 5.81872685 | 14.32 | 27.9998 | 5.99222222 | 13.83 | 24.8659 |
| 5.64534722 | 14.52 | 27.1862 | 5.81884259 | 14.31 | 28.0386 | 5.99233796 | 13.83 | 24.8812 |
| 5.64546296 | 14.52 | 27.1638 | 5.81895833 | 14.31 | 28.015 | 5.9924537 | 13.85 | 25.0256 |
| 5.6455787 | 14.5 | 28.1077 | 5.81907407 | 14.32 | 28.0551 | 5.99256944 | 13.83 | 24.8782 |
| 5.64569444 | 14.5 | 28.2963 | 5.81918982 | 14.31 | 28.1139 | 5.99268519 | 13.82 | 24.8724 |
| 5.64581019 | 14.49 | 28.5274 | 5.81930556 | 14.32 | 28.1783 | 5.99280093 | 13.83 | 24.9212 |
| 5.64592593 | 14.5 | 27.377 | 5.8194213 | 14.33 | 28.2269 | 5.99291667 | 13.85 | 24.9052 |
| 5.64604167 | 14.5 | 27.8391 | 5.81953704 | 14.33 | 28.267 | 5.99303241 | 13.85 | 25.0474 |
| 5.64615741 | 14.5 | 28.6188 | 5.81965278 | 14.33 | 28.3072 | 5.99314815 | 13.85 | 25.0163 |
| 5.64627315 | 14.5 | 27.133 | 5.81976852 | 14.32 | 28.2302 | 5.99326389 | 13.83 | 24.8935 |
| 5.64638889 | 14.57 | 22.9355 | 5.81988426 | 14.33 | 28.3395 | 5.99337963 | 13.85 | 24.8683 |
| 5.64650463 | 14.52 | 28.0058 | 5.82 | 14.33 | 28.2992 | 5.99349537 | 13.82 | 24.8479 |
| 5.64662037 | 14.49 | 29.1 | 5.82011574 | 14.31 | 28.1656 | 5.99361111 | 13.83 | 24.7957 |
| 5.64673611 | 14.49 | 28.9095 | 5.82023148 | 14.29 | 28.1522 | 5.99372685 | 13.83 | 24.8018 |
| 5.64685185 | 14.5 | 26.9115 | 5.82034722 | 14.29 | 28.1165 | 5.99384259 | 13.82 | 24.7535 |
| 5.64696759 | 14.49 | 29.0574 | 5.82046296 | 14.31 | 28.1776 | 5.99395833 | 13.83 | 24.9828 |
| 5.64708333 | 14.49 | 29.0065 | 5.8205787 | 14.29 | 28.1483 | 5.99407407 | 13.85 | 25.0101 |
| 5.64719907 | 14.47 | 29.1192 | 5.82069444 | 14.29 | 28.1403 | 5.99418982 | 13.83 | 24.8812 |
| 5.64731482 | 14.49 | 28.9011 | 5.82081019 | 14.32 | 28.3065 | 5.99430556 | 13.83 | 24.8966 |
| 5.64743056 | 14.47 | 29.1961 | 5.82092593 | 14.32 | 28.3145 | 5.9944213 | 13.83 | 24.8966 |
| 5.6475463 | 14.47 | 29.2433 | 5.82104167 | 14.33 | 28.392 | 5.99453704 | 13.85 | 24.9452 |
| 5.64766204 | 14.5 | 27.4759 | 5.82115741 | 14.36 | 28.6066 | 5.99465278 | 13.85 | 24.9606 |
| 5.64777778 | 14.47 | 29.1022 | 5.82127315 | 14.38 | 28.5918 | 5.99476852 | 13.85 | 24.8591 |
| 5.64789352 | 14.47 | 29.282 | 5.82138889 | 14.36 | 28.6477 | 5.99488426 | 13.85 | 25.0474 |
| 5.64800926 | 14.47 | 29.4161 | 5.82150463 | 14.36 | 28.689 | 5.995 | 13.85 | 24.8653 |
| 5.648125 | 14.47 | 29.3641 | 5.82162037 | 14.35 | 28.5483 | 5.99511574 | 13.83 | 24.872 |
| 5.64824074 | 14.46 | 29.3197 | 5.82173611 | 14.35 | 28.5483 | 5.99523148 | 13.83 | 24.7927 |
| 5.64835648 | 14.47 | 29.4552 | 5.82185185 | 14.35 | 28.5729 | 5.99534722 | 13.82 | 24.7778 |
| 5.64847222 | 14.47 | 28.6079 | 5.82196759 | 14.35 | 28.5729 | 5.99546296 | 13.86 | 25.072 |
| 5.64858796 | 14.53 | 23.7437 | 5.82208333 | 14.38 | 28.7363 | 5.9955787 | 13.83 | 24.9489 |
| 5.6487037 | 14.52 | 27.477 | 5.82219907 | 14.39 | 28.9629 | 5.99569444 | 13.83 | 24.9736 |
| 5.64881944 | 14.5 | 26.5146 | 5.82231482 | 14.38 | 28.7488 | 5.99581019 | 13.83 | 24.7896 |
| 5.64893519 | 14.59 | 21.5125 | 5.82243056 | 14.36 | 28.7097 | 5.99592593 | 13.83 | 24.6716 |
| 5.64905093 | 14.6 | 21.6923 | 5.8225463 | 14.39 | 28.9335 | 5.99604167 | 13.82 | 24.7323 |
| 5.64916667 | 14.56 | 24.5138 | 5.82266204 | 14.38 | 28.8028 | 5.99615741 | 13.85 | 24.9452 |
| 5.64928241 | 14.54 | 25.1782 | 5.82277778 | 14.39 | 29.1026 | 5.99627315 | 13.88 | 25.2253 |
| 5.64939815 | 14.53 | 25.931 | 5.82289352 | 14.38 | 28.9032 | 5.99638889 | 13.83 | 24.7623 |
| 5.64951389 | 14.53 | 25.7184 | 5.82300926 | 14.4 | 29.0526 | 5.99650463 | 13.82 | 24.7626 |
| 5.64962963 | 14.54 | 25.7755 | 5.823125 | 14.42 | 29.1866 | 5.99662037 | 13.82 | 24.7414 |
| 5.64974537 | 14.54 | 25.2553 | 5.82324074 | 14.4 | 28.9429 | 5.99673611 | 13.83 | 24.9335 |
| 5.64986111 | 14.5 | 28.3165 | 5.82335648 | 14.42 | 29.2123 | 5.99685185 | 13.89 | 25.6299 |
| 5.64997685 | 14.52 | 27.1787 | 5.82347222 | 14.4 | 28.813 | 5.99696759 | 13.85 | 25.0287 |
| 5.65009259 | 14.56 | 24.5472 | 5.82358796 | 14.38 | 28.5713 | 5.99708333 | 13.89 | 25.7052 |
| 5.65020833 | 14.54 | 26.0336 | 5.8237037 | 14.38 | 28.6825 | 5.99719907 | 13.88 | 25.455 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65032407 | 14.54 | 25.1398 | 5.82381944 | 14.36 | 28.4187 | 5.99731482 | 13.88 | 25.2348 |
| 5.65043982 | 14.54 | 25.3654 | 5.82393519 | 14.35 | 28.1048 | 5.99743056 | 13.85 | 24.9514 |
| 5.65055556 | 14.53 | 26.6119 | 5.82405093 | 14.4 | 28.8883 | 5.9975463 | 13.86 | 24.9634 |
| 5.6506713 | 14.52 | 27.5229 | 5.82416667 | 14.38 | 28.5467 | 5.99766204 | 13.85 | 24.9052 |
| 5.65078704 | 14.52 | 27.739 | 5.82428241 | 14.39 | 28.6627 | 5.99777778 | 13.85 | 24.8745 |
| 5.65090278 | 14.5 | 28.2439 | 5.82439815 | 14.39 | 28.8288 | 5.99789352 | 13.83 | 24.817 |
| 5.65101852 | 14.5 | 28.3691 | 5.82451389 | 14.35 | 28.0334 | 5.99800926 | 13.85 | 24.9267 |
| 5.65113426 | 14.52 | 27.1451 | 5.82462963 | 14.36 | 28.4025 | 5.998125 | 13.85 | 25.0319 |
| 5.65125 | 14.54 | 25.5325 | 5.82474537 | 14.39 | 28.6338 | 5.99824074 | 13.83 | 24.8262 |
| 5.65136574 | 14.52 | 26.7593 | 5.82486111 | 14.36 | 28.3782 | 5.99835648 | 13.83 | 24.8567 |
| 5.65148148 | 14.52 | 27.4465 | 5.82497685 | 14.38 | 28.4895 | 5.99847222 | 13.83 | 24.8476 |
| 5.65159722 | 14.52 | 27.5843 | 5.82509259 | 14.35 | 28.0334 | 5.99858796 | 13.85 | 24.9915 |
| 5.65171296 | 14.52 | 27.5689 | 5.82520833 | 14.36 | 28.4431 | 5.9987037 | 13.83 | 24.8629 |
| 5.6518287 | 14.52 | 27.5651 | 5.82532407 | 14.35 | 28.1127 | 5.99881944 | 13.83 | 24.7714 |
| 5.65194444 | 14.53 | 27.3446 | 5.82543982 | 14.33 | 28.0994 | 5.99893519 | 13.82 | 24.684 |
| 5.65206019 | 14.5 | 28.2117 | 5.82555556 | 14.33 | 28.0558 | 5.99905093 | 13.81 | 24.7297 |
| 5.65217593 | 14.53 | 27.153 | 5.8256713 | 14.32 | 27.8821 | 5.99916667 | 13.82 | 24.7535 |
| 5.65229167 | 14.54 | 26.1473 | 5.82578704 | 14.31 | 27.6836 | 5.99928241 | 13.82 | 24.7748 |
| 5.65240741 | 14.54 | 26.6841 | 5.82590278 | 14.31 | 27.7454 | 5.99939815 | 13.83 | 24.8874 |
| 5.65252315 | 14.54 | 25.9857 | 5.82601852 | 14.29 | 27.4836 | 5.99951389 | 13.83 | 24.8659 |
| 5.65263889 | 14.54 | 25.9311 | 5.82613426 | 14.28 | 27.5135 | 5.99962963 | 13.83 | 24.9335 |
| 5.65275463 | 14.54 | 25.8869 | 5.82625 | 14.33 | 28.255 | 5.99974537 | 13.85 | 24.9668 |
| 5.65287037 | 14.56 | 25.9519 | 5.82636574 | 14.31 | 27.5761 | 5.99986111 | 13.83 | 24.989 |
| 5.65298611 | 14.54 | 26.304 | 5.82648148 | 14.33 | 27.7504 | 5.99997685 | 13.83 | 24.8629 |
| 5.65310185 | 14.57 | 23.6516 | 5.82659722 | 14.33 | 28.0558 | 6.00009259 | 13.82 | 24.7172 |
| 5.65321759 | 14.61 | 21.0399 | 5.82671296 | 14.31 | 27.5991 | 6.00020833 | 13.82 | 24.7839 |
| 5.65333333 | 14.63 | 20.174 | 5.8268287 | 14.29 | 27.7597 | 6.00032407 | 13.82 | 24.7626 |
| 5.65344907 | 14.56 | 26.329 | 5.82694444 | 14.28 | 27.5554 | 6.00043982 | 13.81 | 24.7206 |
| 5.65356482 | 14.54 | 27.8222 | 5.82706019 | 14.28 | 27.4528 | 6.00055556 | 13.82 | 24.7202 |
| 5.65368056 | 14.5 | 28.2037 | 5.82717593 | 14.26 | 27.3012 | 6.0006713 | 13.81 | 24.7387 |
| 5.6537963 | 14.52 | 27.5728 | 5.82729167 | 14.25 | 27.2783 | 6.00078704 | 13.81 | 24.7145 |
| 5.65391204 | 14.53 | 27.5311 | 5.82740741 | 14.29 | 27.5445 | 6.00090278 | 13.79 | 24.643 |
| 5.65402778 | 14.5 | 28.3286 | 5.82752315 | 14.28 | 27.6051 | 6.00101852 | 13.79 | 24.5921 |
| 5.65414352 | 14.5 | 28.6891 | 5.82763889 | 14.29 | 27.6095 | 6.00113426 | 13.79 | 24.4939 |
| 5.65425926 | 14.5 | 28.8307 | 5.82775463 | 14.28 | 27.5554 | 6.00125 | 13.78 | 24.4973 |
| 5.654375 | 14.49 | 28.6716 | 5.82787037 | 14.28 | 27.6665 | 6.00136574 | 13.78 | 24.4766 |
| 5.65449074 | 14.5 | 28.6064 | 5.82798611 | 14.28 | 27.4414 | 6.00148148 | 13.78 | 24.4973 |
| 5.65460648 | 14.49 | 28.5808 | 5.82810185 | 14.26 | 27.3574 | 6.00159722 | 13.79 | 24.4939 |
| 5.65472222 | 14.47 | 28.8195 | 5.82821759 | 14.29 | 27.5789 | 6.00171296 | 13.79 | 24.485 |
| 5.65483796 | 14.47 | 28.9792 | 5.82833333 | 14.31 | 27.8776 | 6.0018287 | 13.79 | 24.485 |
| 5.6549537 | 14.47 | 28.9623 | 5.82844907 | 14.29 | 27.7094 | 6.00194444 | 13.79 | 24.5444 |
| 5.65506944 | 14.49 | 28.4701 | 5.82856482 | 14.32 | 28.0987 | 6.00206019 | 13.81 | 24.7903 |
| 5.65518519 | 14.47 | 28.853 | 5.82868056 | 14.31 | 27.8776 | 6.00217593 | 13.81 | 24.7055 |
| 5.65530093 | 14.52 | 26.1885 | 5.8287963 | 14.28 | 27.4149 | 6.00229167 | 13.81 | 24.7236 |
| 5.65541667 | 14.53 | 26.3107 | 5.82891204 | 14.25 | 27.297 | 6.00240741 | 13.82 | 24.8448 |
| 5.65553241 | 14.57 | 22.8961 | 5.82902778 | 14.28 | 27.5021 | 6.00252315 | 13.82 | 24.8632 |
| 5.65564815 | 14.56 | 25.041 | 5.82914352 | 14.28 | 27.6243 | 6.00263889 | 13.82 | 24.9 |
| 5.65576389 | 14.52 | 27.6151 | 5.82925926 | 14.31 | 27.9874 | 6.00275463 | 13.82 | 24.9153 |
| 5.65587963 | 14.5 | 28.1117 | 5.829375 | 14.32 | 27.9134 | 6.00287037 | 13.82 | 24.8235 |
| 5.65599537 | 14.5 | 28.4057 | 5.82949074 | 14.29 | 27.7094 | 6.00298611 | 13.82 | 24.7778 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65611111 | 14.5 | 27.377 | 5.82960648 | 14.28 | 27.586 | 6.00310185 | 13.81 | 24.7387 |
| 5.65622685 | 14.53 | 26.381 | 5.82972222 | 14.28 | 27.6434 | 6.00321759 | 13.82 | 24.8632 |
| 5.65634259 | 14.49 | 28.6965 | 5.82983796 | 14.28 | 27.6204 | 6.00333333 | 13.83 | 24.9489 |
| 5.65645833 | 14.56 | 24.0413 | 5.8299537 | 14.26 | 27.5544 | 6.00344907 | 13.86 | 25.1033 |
| 5.65657407 | 14.56 | 24.8118 | 5.83006944 | 14.26 | 27.6155 | 6.00356482 | 13.82 | 24.8082 |
| 5.65668982 | 14.56 | 23.1786 | 5.83018519 | 14.26 | 27.5887 | 6.00368056 | 13.81 | 24.6844 |
| 5.65680556 | 14.59 | 25.1171 | 5.83030093 | 14.25 | 27.4626 | 6.0037963 | 13.81 | 24.6693 |
| 5.6569213 | 14.52 | 28.2334 | 5.83041667 | 14.26 | 27.5887 | 6.00391204 | 13.82 | 24.7687 |
| 5.65703704 | 14.57 | 22.6701 | 5.83053241 | 14.26 | 27.6079 | 6.00402778 | 13.85 | 25.1411 |
| 5.65715278 | 14.6 | 21.5276 | 5.83064815 | 14.28 | 27.8913 | 6.00414352 | 13.86 | 25.2479 |
| 5.65726852 | 14.6 | 21.3702 | 5.83076389 | 14.31 | 27.8464 | 6.00425926 | 13.85 | 24.9823 |
| 5.65738426 | 14.63 | 20.6728 | 5.83087963 | 14.31 | 27.8308 | 6.004375 | 13.82 | 24.684 |
| 5.6575 | 14.53 | 27.3333 | 5.83099537 | 14.29 | 27.8412 | 6.00449074 | 13.82 | 24.6479 |
| 5.65761574 | 14.59 | 22.8477 | 5.83111111 | 14.31 | 27.9638 | 6.00460648 | 13.82 | 24.6991 |
| 5.65773148 | 14.6 | 22.0033 | 5.83122685 | 14.28 | 27.6204 | 6.00472222 | 13.81 | 24.8238 |
| 5.65784722 | 14.61 | 21.6867 | 5.83134259 | 14.28 | 27.7436 | 6.00483796 | 13.82 | 24.7202 |
| 5.65796296 | 14.61 | 21.6168 | 5.83145833 | 14.31 | 27.9834 | 6.0049537 | 13.82 | 24.7778 |
| 5.6580787 | 14.61 | 22.18 | 5.83157407 | 14.29 | 27.9233 | 6.00506944 | 13.81 | 24.6003 |
| 5.65819444 | 14.61 | 22.3708 | 5.83168982 | 14.28 | 27.8718 | 6.00518519 | 13.81 | 24.5764 |
| 5.65831019 | 14.57 | 24.4803 | 5.83180556 | 14.32 | 28.063 | 6.00530093 | 13.81 | 24.5317 |
| 5.65842593 | 14.56 | 25.9758 | 5.8319213 | 14.29 | 27.8646 | 6.00541667 | 13.81 | 24.5406 |
| 5.65854167 | 14.54 | 26.0611 | 5.83203704 | 14.26 | 27.7734 | 6.00553241 | 13.81 | 24.5466 |
| 5.65865741 | 14.54 | 25.592 | 5.83215278 | 14.29 | 28.0412 | 6.00564815 | 13.79 | 24.5593 |
| 5.65877315 | 14.56 | 25.8364 | 5.83226852 | 14.35 | 28.5279 | 6.00576389 | 13.82 | 24.7021 |
| 5.65888889 | 14.56 | 25.4569 | 5.83238426 | 14.35 | 28.4585 | 6.00587963 | 13.79 | 24.6071 |
| 5.65900463 | 14.54 | 26.3883 | 5.8325 | 14.35 | 28.5156 | 6.00599537 | 13.79 | 24.5147 |
| 5.65912037 | 14.54 | 25.9345 | 5.83261574 | 14.35 | 28.532 | 6.00611111 | 13.79 | 24.4113 |
| 5.65923611 | 14.54 | 26.0233 | 5.83273148 | 14.36 | 28.541 | 6.00622685 | 13.78 | 24.3647 |
| 5.65935185 | 14.53 | 27.0047 | 5.83284722 | 14.35 | 28.3531 | 6.00634259 | 13.78 | 24.3882 |
| 5.65946759 | 14.52 | 28.2052 | 5.83296296 | 14.32 | 28.1504 | 6.00645833 | 13.79 | 24.3877 |
| 5.65958333 | 14.52 | 27.0893 | 5.8330787 | 14.35 | 28.5688 | 6.00657407 | 13.78 | 24.3882 |
| 5.65969907 | 14.53 | 26.2408 | 5.83319444 | 14.38 | 28.6536 | 6.00668982 | 13.78 | 24.4088 |
| 5.65981482 | 14.54 | 25.6651 | 5.83331019 | 14.38 | 28.7073 | 6.00680556 | 13.79 | 24.4407 |
| 5.65993056 | 14.56 | 25.0759 | 5.83342593 | 14.36 | 28.5901 | 6.0069213 | 13.79 | 24.4555 |
| 5.6600463 | 14.57 | 24.7465 | 5.83354167 | 14.35 | 28.5156 | 6.00703704 | 13.78 | 24.4618 |
| 5.66016204 | 14.53 | 26.2827 | 5.83365741 | 14.33 | 28.255 | 6.00715278 | 13.79 | 24.423 |
| 5.66027778 | 14.52 | 27.3781 | 5.83377315 | 14.31 | 28.1179 | 6.00726852 | 13.78 | 24.4176 |
| 5.66039352 | 14.52 | 27.8522 | 5.83388889 | 14.29 | 28.0808 | 6.00738426 | 13.79 | 24.4703 |
| 5.66050926 | 14.52 | 27.2086 | 5.83400463 | 14.31 | 28.1179 | 6.0075 | 13.78 | 24.5508 |
| 5.660625 | 14.52 | 27.6885 | 5.83412037 | 14.33 | 28.5712 | 6.00761574 | 13.81 | 24.5466 |
| 5.66074074 | 14.52 | 27.6537 | 5.83423611 | 14.33 | 28.5835 | 6.00773148 | 13.79 | 24.5832 |
| 5.66085648 | 14.53 | 27.409 | 5.83435185 | 14.36 | 28.5737 | 6.00784722 | 13.79 | 24.5533 |
| 5.66097222 | 14.53 | 26.1471 | 5.83446759 | 14.36 | 28.5451 | 6.00796296 | 13.81 | 24.6453 |
| 5.66108796 | 14.52 | 27.4694 | 5.83458333 | 14.38 | 28.7862 | 6.0080787 | 13.81 | 24.6663 |
| 5.6612037 | 14.5 | 28.1956 | 5.83469907 | 14.39 | 28.9545 | 6.00819444 | 13.81 | 24.6844 |
| 5.66131944 | 14.5 | 28.3773 | 5.83481482 | 14.4 | 28.9345 | 6.00831019 | 13.82 | 24.7687 |
| 5.66143519 | 14.5 | 28.2237 | 5.83493056 | 14.39 | 28.8664 | 6.00842593 | 13.81 | 24.7418 |
| 5.66155093 | 14.49 | 28.4049 | 5.8350463 | 14.38 | 28.6825 | 6.00854167 | 13.81 | 24.6513 |
| 5.66166667 | 14.5 | 27.6756 | 5.83516204 | 14.38 | 28.7363 | 6.00865741 | 13.81 | 24.6964 |
| 5.66178241 | 14.52 | 27.7157 | 5.83527778 | 14.38 | 28.7405 | 6.00877315 | 13.81 | 24.7266 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66189815 | 14.52 | 27.2236 | 5.83539352 | 14.36 | 28.5901 | 6.00888889 | 13.79 | 24.6731 |
| 5.66201389 | 14.5 | 28.1596 | 5.83550926 | 14.36 | 28.6808 | 6.00900463 | 13.79 | 24.6821 |
| 5.66212963 | 14.5 | 28.2358 | 5.835625 | 14.38 | 28.596 | 6.00912037 | 13.81 | 24.8269 |
| 5.66224537 | 14.5 | 28.0957 | 5.83574074 | 14.35 | 28.4626 | 6.00923611 | 13.82 | 24.9123 |
| 5.66236111 | 14.52 | 27.4161 | 5.83585648 | 14.35 | 28.5115 | 6.00935185 | 13.82 | 24.9461 |
| 5.66247685 | 14.52 | 27.7157 | 5.83597222 | 14.35 | 28.5115 | 6.00946759 | 13.82 | 24.8816 |
| 5.66259259 | 14.5 | 28.2398 | 5.83608796 | 14.32 | 28.1623 | 6.00958333 | 13.81 | 24.8513 |
| 5.66270833 | 14.5 | 28.1276 | 5.8362037 | 14.31 | 28.1337 | 6.00969907 | 13.81 | 24.7964 |
| 5.66282407 | 14.5 | 28.0957 | 5.83631944 | 14.26 | 27.9253 | 6.00981482 | 13.79 | 24.7698 |
| 5.66293982 | 14.49 | 28.2551 | 5.83643519 | 14.29 | 28.1961 | 6.00993056 | 13.79 | 24.7576 |
| 5.66305556 | 14.49 | 28.1989 | 5.83655093 | 14.33 | 28.5099 | 6.0100463 | 13.79 | 24.7123 |
| 5.6631713 | 14.5 | 28.1836 | 5.83666667 | 14.35 | 28.4993 | 6.01016204 | 13.79 | 24.7123 |
| 5.66328704 | 14.49 | 28.2632 | 5.83678241 | 14.32 | 28.2703 | 6.01027778 | 13.79 | 24.7123 |
| 5.66340278 | 14.49 | 28.2511 | 5.83689815 | 14.26 | 27.82 | 6.01039352 | 13.78 | 24.7006 |
| 5.66351852 | 14.49 | 27.9681 | 5.83701389 | 14.24 | 27.7298 | 6.01050926 | 13.79 | 24.7819 |
| 5.66363426 | 14.49 | 27.7876 | 5.83712963 | 14.22 | 27.7248 | 6.010625 | 13.79 | 24.7243 |
| 5.66375 | 14.5 | 28.0123 | 5.83724537 | 14.24 | 27.7259 | 6.01074074 | 13.79 | 24.7576 |
| 5.66386574 | 14.49 | 28.083 | 5.83736111 | 14.24 | 27.722 | 6.01085648 | 13.81 | 24.8299 |
| 5.66398148 | 14.49 | 28.3561 | 5.83747685 | 14.24 | 27.7761 | 6.01097222 | 13.78 | 24.7792 |
| 5.66409722 | 14.49 | 28.1548 | 5.83759259 | 14.22 | 27.7479 | 6.01108796 | 13.78 | 24.755 |
| 5.66421296 | 14.49 | 28.6303 | 5.83770833 | 14.24 | 27.7529 | 6.0112037 | 13.79 | 24.7849 |
| 5.6643287 | 14.49 | 28.2793 | 5.83782407 | 14.24 | 27.7336 | 6.01131944 | 13.79 | 24.8245 |
| 5.66444444 | 14.5 | 28.0838 | 5.83793982 | 14.24 | 27.8033 | 6.01143519 | 13.81 | 24.8116 |
| 5.66456019 | 14.49 | 28.4252 | 5.83805556 | 14.26 | 28.0551 | 6.01155093 | 13.81 | 24.8299 |
| 5.66467593 | 14.49 | 28.3967 | 5.8381713 | 14.29 | 28.0966 | 6.01166667 | 13.79 | 24.8642 |
| 5.66479167 | 14.47 | 28.5298 | 5.83828704 | 14.31 | 28.2736 | 6.01178241 | 13.81 | 24.9064 |
| 5.66490741 | 14.49 | 28.5685 | 5.83840278 | 14.26 | 27.9723 | 6.01189815 | 13.79 | 24.9902 |
| 5.66502315 | 14.49 | 28.5808 | 5.83851852 | 14.25 | 27.8661 | 6.01201389 | 13.82 | 24.9215 |
| 5.66513889 | 14.49 | 28.4701 | 5.83863426 | 14.24 | 27.8149 | 6.01212963 | 13.81 | 24.8208 |
| 5.66525463 | 14.49 | 28.4252 | 5.83875 | 14.24 | 27.8616 | 6.01224537 | 13.79 | 24.788 |
| 5.66537037 | 14.49 | 28.4987 | 5.83886574 | 14.24 | 27.8772 | 6.01236111 | 13.79 | 24.7789 |
| 5.66548611 | 14.47 | 28.3707 | 5.83898148 | 14.25 | 28.0347 | 6.01247685 | 13.79 | 24.7334 |
| 5.66560185 | 14.49 | 28.4374 | 5.83909722 | 14.31 | 28.4432 | 6.01259259 | 13.78 | 24.6344 |
| 5.66571759 | 14.49 | 28.4374 | 5.83921296 | 14.29 | 28.216 | 6.01270833 | 13.78 | 24.6105 |
| 5.66583333 | 14.49 | 28.7006 | 5.8393287 | 14.25 | 28.0544 | 6.01282407 | 13.79 | 24.8123 |
| 5.66594907 | 14.47 | 28.4725 | 5.83944444 | 14.24 | 27.9907 | 6.01293982 | 13.79 | 24.8428 |
| 5.66606482 | 14.47 | 28.5134 | 5.83956019 | 14.26 | 28.2219 | 6.01305556 | 13.79 | 24.8336 |
| 5.66618056 | 14.49 | 28.589 | 5.83967593 | 14.31 | 28.3138 | 6.0131713 | 13.79 | 24.7637 |
| 5.6662963 | 14.47 | 28.4521 | 5.83979167 | 14.35 | 28.7337 | 6.01328704 | 13.78 | 24.8248 |
| 5.66641204 | 14.47 | 28.4725 | 5.83990741 | 14.35 | 28.6799 | 6.01340278 | 13.79 | 24.6641 |
| 5.66652778 | 14.49 | 28.3278 | 5.84002315 | 14.33 | 28.6123 | 6.01351852 | 13.76 | 24.5576 |
| 5.66664352 | 14.49 | 28.4049 | 5.84013889 | 14.35 | 28.7586 | 6.01363426 | 13.76 | 24.5934 |
| 5.66675926 | 14.49 | 28.511 | 5.84025463 | 14.33 | 28.6041 | 6.01375 | 13.76 | 24.5427 |
| 5.666875 | 14.49 | 28.3197 | 5.84037037 | 14.35 | 28.5893 | 6.01386574 | 13.76 | 24.5934 |
| 5.66699074 | 14.49 | 28.4456 | 5.84048611 | 14.35 | 28.6634 | 6.01398148 | 13.76 | 24.5397 |
| 5.66710648 | 14.47 | 28.9454 | 5.84060185 | 14.36 | 28.7097 | 6.01409722 | 13.78 | 24.6614 |
| 5.66722222 | 14.49 | 28.7672 | 5.84071759 | 14.36 | 28.8135 | 6.01421296 | 13.78 | 24.6404 |
| 5.66733796 | 14.49 | 28.4334 | 5.84083333 | 14.36 | 28.7844 | 6.0143287 | 13.78 | 24.6314 |
| 5.6674537 | 14.49 | 28.3399 | 5.84094907 | 14.36 | 28.6725 | 6.01444444 | 13.78 | 24.6344 |
| 5.66756944 | 14.49 | 28.413 | 5.84106482 | 14.33 | 28.514 | 6.01456019 | 13.78 | 24.6195 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66768519 | 14.49 | 28.622 | 5.84118056 | 14.33 | 28.5344 | 6.01467593 | 13.78 | 24.6705 |
| 5.66780093 | 14.47 | 28.6161 | 5.8412963 | 14.33 | 28.4732 | 6.01479167 | 13.81 | 24.8452 |
| 5.66791667 | 14.47 | 28.9539 | 5.84141204 | 14.33 | 28.5385 | 6.01490741 | 13.79 | 24.7789 |
| 5.66803241 | 14.46 | 29.148 | 5.84152778 | 14.33 | 28.5426 | 6.01502315 | 13.79 | 24.8032 |
| 5.66814815 | 14.47 | 29.1149 | 5.84164352 | 14.35 | 28.5852 | 6.01513889 | 13.79 | 24.7243 |
| 5.66826389 | 14.47 | 29.0088 | 5.84175926 | 14.32 | 28.4521 | 6.01525463 | 13.78 | 24.7641 |
| 5.66837963 | 14.47 | 28.732 | 5.841875 | 14.29 | 28.3083 | 6.01537037 | 13.78 | 24.6705 |
| 5.66849537 | 14.47 | 28.8028 | 5.84199074 | 14.31 | 28.3662 | 6.01548611 | 13.78 | 24.6554 |
| 5.66861111 | 14.47 | 28.9076 | 5.84210648 | 14.29 | 28.3849 | 6.01560185 | 13.78 | 24.7006 |
| 5.66872685 | 14.47 | 28.6244 | 5.84222222 | 14.28 | 28.2313 | 6.01571759 | 13.78 | 24.7157 |
| 5.66884259 | 14.47 | 28.7695 | 5.84233796 | 14.28 | 28.2433 | 6.01583333 | 13.79 | 24.7395 |
| 5.66895833 | 14.47 | 28.757 | 5.8424537 | 14.26 | 28.286 | 6.01594907 | 13.79 | 24.7395 |
| 5.66907407 | 14.47 | 29.0215 | 5.84256944 | 14.28 | 28.2714 | 6.01606482 | 13.79 | 24.7546 |
| 5.66918982 | 14.47 | 28.8404 | 5.84268519 | 14.29 | 28.3002 | 6.01618056 | 13.78 | 24.7701 |
| 5.66930556 | 14.47 | 28.874 | 5.84280093 | 14.29 | 28.3203 | 6.0162963 | 13.79 | 24.8642 |
| 5.6694213 | 14.47 | 29.0894 | 5.84291667 | 14.28 | 28.2794 | 6.01641204 | 13.79 | 24.7546 |
| 5.66953704 | 14.46 | 29.2251 | 5.84303241 | 14.25 | 28.2172 | 6.01652778 | 13.78 | 24.761 |
| 5.66965278 | 14.47 | 28.9034 | 5.84314815 | 14.25 | 28.1813 | 6.01664352 | 13.78 | 24.8248 |
| 5.66976852 | 14.47 | 29.0469 | 5.84326389 | 14.26 | 28.2539 | 6.01675926 | 13.78 | 24.7398 |
| 5.66988426 | 14.47 | 29.0172 | 5.84337963 | 14.26 | 28.278 | 6.016875 | 13.78 | 24.7671 |
| 5.67 | 14.46 | 28.9909 | 5.84349537 | 14.26 | 28.298 | 6.01699074 | 13.81 | 25.061 |
| 5.67011574 | 14.47 | 28.9539 | 5.84361111 | 14.26 | 28.2539 | 6.01710648 | 13.82 | 25.1168 |
| 5.67023148 | 14.47 | 28.8028 | 5.84372685 | 14.26 | 28.3181 | 6.01722222 | 13.81 | 25.0547 |
| 5.67034722 | 14.46 | 29.0714 | 5.84384259 | 14.26 | 28.286 | 6.01733796 | 13.81 | 24.8972 |
| 5.67046296 | 14.47 | 29.0724 | 5.84395833 | 14.28 | 28.3035 | 6.0174537 | 13.78 | 24.7944 |
| 5.6705787 | 14.47 | 28.8698 | 5.84407407 | 14.28 | 28.3035 | 6.01756944 | 13.78 | 24.7398 |
| 5.67069444 | 14.47 | 28.7445 | 5.84418982 | 14.26 | 28.3947 | 6.01768519 | 13.78 | 24.7096 |
| 5.67081019 | 14.47 | 28.645 | 5.84430556 | 14.26 | 28.3705 | 6.01780093 | 13.78 | 24.7247 |
| 5.67092593 | 14.47 | 28.8992 | 5.8444213 | 14.28 | 28.3599 | 6.01791667 | 13.79 | 24.9009 |
| 5.67104167 | 14.47 | 28.937 | 5.84453704 | 14.28 | 28.368 | 6.01803241 | 13.79 | 24.8245 |
| 5.67115741 | 14.45 | 29.4269 | 5.84465278 | 14.26 | 28.278 | 6.01814815 | 13.81 | 24.9989 |
| 5.67127315 | 14.46 | 28.9698 | 5.84476852 | 14.22 | 28.1078 | 6.01826389 | 13.81 | 25.0082 |
| 5.67138889 | 14.47 | 28.4358 | 5.84488426 | 14.24 | 28.2845 | 6.01837963 | 13.81 | 25.0299 |
| 5.67150463 | 14.47 | 28.6905 | 5.845 | 14.22 | 28.1038 | 6.01849537 | 13.79 | 24.9717 |
| 5.67162037 | 14.49 | 28.5644 | 5.84511574 | 14.21 | 28.0715 | 6.01861111 | 13.79 | 24.9009 |
| 5.67173611 | 14.47 | 28.8488 | 5.84523148 | 14.25 | 28.3456 | 6.01872685 | 13.79 | 24.8887 |
| 5.67185185 | 14.47 | 28.7237 | 5.84534722 | 14.28 | 28.3882 | 6.01884259 | 13.81 | 25.0859 |
| 5.67196759 | 14.47 | 28.9623 | 5.84546296 | 14.29 | 28.523 | 6.01895833 | 13.82 | 25.2457 |
| 5.67208333 | 14.47 | 28.7113 | 5.8455787 | 14.26 | 28.2139 | 6.01907407 | 13.83 | 25.1918 |
| 5.67219907 | 14.47 | 28.7486 | 5.84569444 | 14.22 | 28.084 | 6.01918982 | 13.82 | 25.0389 |
| 5.67231482 | 14.47 | 28.8698 | 5.84581019 | 14.26 | 28.286 | 6.01930556 | 13.81 | 24.9495 |
| 5.67243056 | 14.47 | 28.6533 | 5.84592593 | 14.28 | 28.376 | 6.0194213 | 13.79 | 24.8642 |
| 5.6725463 | 14.47 | 28.8656 | 5.84604167 | 14.25 | 28.1336 | 6.01953704 | 13.78 | 24.8493 |
| 5.67266204 | 14.47 | 28.6409 | 5.84615741 | 14.25 | 28.1058 | 6.01965278 | 13.79 | 24.8245 |
| 5.67277778 | 14.49 | 28.3764 | 5.84627315 | 14.24 | 28.0893 | 6.01976852 | 13.79 | 24.8093 |
| 5.67289352 | 14.5 | 28.3691 | 5.84638889 | 14.28 | 28.3801 | 6.01988426 | 13.78 | 24.8615 |
| 5.67300926 | 14.49 | 28.9095 | 5.84650463 | 14.25 | 28.2692 | 6.02 | 13.79 | 24.8611 |
| 5.673125 | 14.49 | 28.7755 | 5.84662037 | 14.24 | 28.1727 | 6.02011574 | 13.79 | 24.7789 |
| 5.67324074 | 14.49 | 28.6261 | 5.84673611 | 14.25 | 28.1574 | 6.02023148 | 13.78 | 24.8706 |
| 5.67335648 | 14.49 | 28.2834 | 5.84685185 | 14.26 | 28.2659 | 6.02034722 | 13.79 | 24.8795 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67347222 | 14.49 | 28.4619 | 5.84696759 | 14.28 | 28.453 | 6.02046296 | 13.79 | 24.9717 |
| 5.67358796 | 14.49 | 28.3278 | 5.84708333 | 14.25 | 28.1654 | 6.0205787 | 13.78 | 24.8523 |
| 5.6737037 | 14.49 | 28.231 | 5.84719907 | 14.21 | 28.0478 | 6.02069444 | 13.78 | 24.8768 |
| 5.67381944 | 14.5 | 27.9018 | 5.84731482 | 14.24 | 28.1091 | 6.02081019 | 13.78 | 24.8554 |
| 5.67393519 | 14.5 | 27.7688 | 5.84743056 | 14.24 | 28.1131 | 6.02092593 | 13.78 | 24.8248 |
| 5.67405093 | 14.5 | 27.8039 | 5.8475463 | 14.24 | 28.1329 | 6.02104167 | 13.78 | 24.9166 |
| 5.67416667 | 14.5 | 27.8 | 5.84766204 | 14.22 | 28.017 | 6.02115741 | 13.81 | 25.0299 |
| 5.67428241 | 14.5 | 28.1156 | 5.84777778 | 14.25 | 28.2732 | 6.02127315 | 13.79 | 24.9163 |
| 5.67439815 | 14.49 | 28.5973 | 5.84789352 | 14.24 | 28.0656 | 6.02138889 | 13.79 | 24.8306 |
| 5.67451389 | 14.49 | 28.4824 | 5.84800926 | 14.22 | 28.0091 | 6.02150463 | 13.79 | 24.8459 |
| 5.67462963 | 14.49 | 28.5069 | 5.848125 | 14.2 | 27.9451 | 6.02162037 | 13.79 | 24.9409 |
| 5.67474537 | 14.49 | 28.4212 | 5.84824074 | 14.21 | 28.0085 | 6.02173611 | 13.82 | 25.2078 |
| 5.67486111 | 14.49 | 28.8005 | 5.84835648 | 14.22 | 28.0564 | 6.02185185 | 13.82 | 25.2393 |
| 5.67497685 | 14.49 | 28.6261 | 5.84847222 | 14.25 | 28.2092 | 6.02196759 | 13.81 | 25.0361 |
| 5.67509259 | 14.47 | 28.7736 | 5.84858796 | 14.26 | 28.182 | 6.02208333 | 13.81 | 25.0392 |
| 5.67520833 | 14.47 | 28.7403 | 5.8487037 | 14.22 | 28.0091 | 6.02219907 | 13.81 | 25.0454 |
| 5.67532407 | 14.47 | 28.7695 | 5.84881944 | 14.22 | 27.9698 | 6.02231482 | 13.81 | 25.0921 |
| 5.67543982 | 14.47 | 28.7403 | 5.84893519 | 14.15 | 27.5298 | 6.02243056 | 13.81 | 24.9526 |
| 5.67555556 | 14.46 | 28.9066 | 5.84905093 | 14.13 | 27.4343 | 6.0225463 | 13.81 | 25.0547 |
| 5.6756713 | 14.46 | 29.0926 | 5.84916667 | 14.14 | 27.518 | 6.02266204 | 13.82 | 25.2078 |
| 5.67578704 | 14.47 | 28.645 | 5.84928241 | 14.14 | 27.5028 | 6.02277778 | 13.83 | 25.3215 |
| 5.67590278 | 14.49 | 28.3035 | 5.84939815 | 14.15 | 27.648 | 6.02289352 | 13.83 | 25.312 |
| 5.67601852 | 14.49 | 27.9011 | 5.84951389 | 14.13 | 27.3629 | 6.02300926 | 13.83 | 25.3342 |
| 5.67613426 | 14.52 | 26.5152 | 5.84962963 | 14.15 | 27.5907 | 6.023125 | 13.81 | 25.1484 |
| 5.67625 | 14.52 | 26.3455 | 5.84974537 | 14.18 | 27.8115 | 6.02324074 | 13.82 | 25.0856 |
| 5.67636574 | 14.53 | 26.4481 | 5.84986111 | 14.2 | 27.8048 | 6.02335648 | 13.81 | 25.0113 |
| 5.67648148 | 14.53 | 26.9347 | 5.84997685 | 14.13 | 27.3479 | 6.02347222 | 13.81 | 24.9989 |
| 5.67659722 | 14.52 | 27.2461 | 5.85009259 | 14.13 | 27.3479 | 6.02358796 | 13.79 | 24.9871 |
| 5.67671296 | 14.5 | 28.0004 | 5.85020833 | 14.2 | 27.9843 | 6.0237037 | 13.78 | 24.8462 |
| 5.6768287 | 14.52 | 27.2348 | 5.85032407 | 14.22 | 28.084 | 6.02381944 | 13.78 | 24.8218 |
| 5.67694444 | 14.52 | 27.1824 | 5.85043982 | 14.17 | 27.6146 | 6.02393519 | 13.76 | 24.8683 |
| 5.67706019 | 14.5 | 28.0599 | 5.85055556 | 14.13 | 27.3479 | 6.02405093 | 13.78 | 24.7853 |
| 5.67717593 | 14.5 | 28.044 | 5.8506713 | 14.1 | 27.1719 | 6.02416667 | 13.78 | 24.9013 |
| 5.67729167 | 14.49 | 28.3845 | 5.85078704 | 14.1 | 27.1793 | 6.02428241 | 13.76 | 24.8805 |
| 5.67740741 | 14.49 | 28.4987 | 5.85090278 | 14.1 | 27.2571 | 6.02439815 | 13.76 | 24.8286 |
| 5.67752315 | 14.49 | 28.5808 | 5.85101852 | 14.11 | 27.4712 | 6.02451389 | 13.76 | 24.8591 |
| 5.67763889 | 14.49 | 28.7006 | 5.85113426 | 14.21 | 28.0163 | 6.02462963 | 13.75 | 24.7319 |
| 5.67775463 | 14.49 | 29.0108 | 5.85125 | 14.18 | 27.8425 | 6.02474537 | 13.76 | 24.7678 |
| 5.67787037 | 14.47 | 29.1363 | 5.85136574 | 14.17 | 27.6874 | 6.02486111 | 13.76 | 24.7982 |
| 5.67798611 | 14.47 | 29.0894 | 5.85148148 | 14.21 | 28.1627 | 6.02497685 | 13.75 | 24.8046 |
| 5.67810185 | 14.46 | 29.1011 | 5.85159722 | 14.32 | 28.9521 | 6.02509259 | 13.76 | 24.8591 |
| 5.67821759 | 14.46 | 29.0374 | 5.85171296 | 14.35 | 28.8585 | 6.02520833 | 13.76 | 24.8897 |
| 5.67833333 | 14.47 | 29.1448 | 5.8518287 | 14.28 | 28.4408 | 6.02532407 | 13.76 | 24.8591 |
| 5.67844907 | 14.46 | 29.35 | 5.85194444 | 14.29 | 28.4782 | 6.02543982 | 13.76 | 24.905 |
| 5.67856482 | 14.46 | 28.9909 | 5.85206019 | 14.32 | 28.6814 | 6.02555556 | 13.76 | 24.8225 |
| 5.67868056 | 14.46 | 29.2594 | 5.85217593 | 14.28 | 28.3841 | 6.0256713 | 13.75 | 24.7803 |
| 5.6787963 | 14.47 | 28.7653 | 5.85229167 | 14.32 | 28.8349 | 6.02578704 | 13.75 | 24.8198 |
| 5.67891204 | 14.46 | 28.9445 | 5.85240741 | 14.29 | 28.572 | 6.02590278 | 13.75 | 24.8961 |
| 5.67902778 | 14.47 | 29.2433 | 5.85252315 | 14.29 | 28.4741 | 6.02601852 | 13.79 | 25.127 |
| 5.67914352 | 14.49 | 28.3886 | 5.85263889 | 14.28 | 28.5508 | 6.02613426 | 13.82 | 25.3727 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67925926 | 14.52 | 27.9584 | 5.85275463 | 14.29 | 28.4335 | 6.02625 | 13.85 | 25.4522 |
| 5.679375 | 14.52 | 27.8639 | 5.85287037 | 14.28 | 28.3559 | 6.02636574 | 13.83 | 25.3597 |
| 5.67949074 | 14.52 | 27.9465 | 5.85298611 | 14.25 | 28.1654 | 6.02648148 | 13.82 | 25.3344 |
| 5.67960648 | 14.52 | 27.8875 | 5.85310185 | 14.24 | 28.2165 | 6.02659722 | 13.82 | 25.3027 |
| 5.67972222 | 14.52 | 27.7662 | 5.85321759 | 14.24 | 28.117 | 6.02671296 | 13.82 | 25.2551 |
| 5.67983796 | 14.52 | 28.2374 | 5.85333333 | 14.22 | 28.1197 | 6.0268287 | 13.81 | 25.1171 |
| 5.6799537 | 14.52 | 27.9781 | 5.85344907 | 14.25 | 28.2052 | 6.02694444 | 13.79 | 25.1301 |
| 5.68006944 | 14.53 | 27.9078 | 5.85356482 | 14.25 | 28.1733 | 6.02706019 | 13.78 | 25.0432 |
| 5.68018519 | 14.52 | 27.8091 | 5.85368056 | 14.25 | 28.2412 | 6.02717593 | 13.81 | 25.1797 |
| 5.68030093 | 14.52 | 28.0098 | 5.8537963 | 14.25 | 28.2612 | 6.02729167 | 13.79 | 25.1677 |
| 5.68041667 | 14.5 | 28.4098 | 5.85391204 | 14.25 | 28.2252 | 6.02740741 | 13.79 | 25.0958 |
| 5.68053241 | 14.52 | 28.2374 | 5.85402778 | 14.25 | 28.1933 | 6.02752315 | 13.79 | 25.0491 |
| 5.68064815 | 14.5 | 28.6147 | 5.85414352 | 14.24 | 28.1687 | 6.02763889 | 13.78 | 25.0339 |
| 5.68076389 | 14.49 | 28.3521 | 5.85425926 | 14.24 | 28.1727 | 6.02775463 | 13.78 | 25.1116 |
| 5.68087963 | 14.5 | 28.4791 | 5.854375 | 14.25 | 28.1137 | 6.02787037 | 13.79 | 25.1145 |
| 5.68099537 | 14.49 | 28.7463 | 5.85449074 | 14.25 | 28.1654 | 6.02798611 | 13.78 | 25.0153 |
| 5.68111111 | 14.49 | 28.6758 | 5.85460648 | 14.25 | 28.1973 | 6.02810185 | 13.78 | 24.9628 |
| 5.68122685 | 14.47 | 29.03 | 5.85472222 | 14.25 | 28.1773 | 6.02821759 | 13.76 | 24.9912 |
| 5.68134259 | 14.45 | 29.4661 | 5.85483796 | 14.25 | 28.1973 | 6.02833333 | 13.78 | 24.9936 |
| 5.68145833 | 14.46 | 29.3197 | 5.8549537 | 14.24 | 28.1727 | 6.02844907 | 13.78 | 25.0091 |
| 5.68157407 | 14.46 | 28.8395 | 5.85506944 | 14.21 | 27.8793 | 6.02856482 | 13.76 | 24.9757 |
| 5.68168982 | 14.46 | 29.2551 | 5.85518519 | 14.22 | 28.0012 | 6.02868056 | 13.76 | 24.9511 |
| 5.68180556 | 14.45 | 28.7759 | 5.85530093 | 14.21 | 27.9457 | 6.0287963 | 13.75 | 24.8961 |
| 5.6819213 | 14.46 | 29.1523 | 5.85541667 | 14.17 | 27.6951 | 6.02891204 | 13.75 | 24.8472 |
| 5.68203704 | 14.46 | 29.1395 | 5.85553241 | 14.2 | 27.8475 | 6.02902778 | 13.75 | 24.9514 |
| 5.68215278 | 14.46 | 28.9276 | 5.85564815 | 14.2 | 27.9725 | 6.02914352 | 13.75 | 24.8808 |
| 5.68226852 | 14.45 | 29.2756 | 5.85576389 | 14.18 | 27.8697 | 6.02925926 | 13.76 | 24.9665 |
| 5.68238426 | 14.45 | 28.9182 | 5.85587963 | 14.15 | 27.6825 | 6.029375 | 13.76 | 24.9912 |
| 5.6825 | 14.45 | 29.1513 | 5.85599537 | 14.17 | 27.8109 | 6.02949074 | 13.76 | 24.9757 |
| 5.68261574 | 14.46 | 29.012 | 5.85611111 | 14.13 | 27.5517 | 6.02960648 | 13.76 | 24.9912 |
| 5.68273148 | 14.46 | 28.7935 | 5.85622685 | 14.13 | 27.5403 | 6.02972222 | 13.78 | 25.0556 |
| 5.68284722 | 14.46 | 29.2122 | 5.85634259 | 14.11 | 27.5052 | 6.02983796 | 13.78 | 25.0961 |
| 5.68296296 | 14.46 | 28.8856 | 5.85645833 | 14.1 | 27.4443 | 6.0299537 | 13.79 | 25.1364 |
| 5.6830787 | 14.45 | 29.2069 | 5.85657407 | 14.1 | 27.4029 | 6.03006944 | 13.81 | 25.3825 |
| 5.68319444 | 14.45 | 28.7759 | 5.85668982 | 14.08 | 27.3983 | 6.03018519 | 13.83 | 25.5851 |
| 5.68331019 | 14.45 | 28.9772 | 5.85680556 | 14.1 | 27.4481 | 6.03030093 | 13.81 | 25.2838 |
| 5.68342593 | 14.45 | 28.9056 | 5.8569213 | 14.11 | 27.5659 | 6.03041667 | 13.78 | 25.1335 |
| 5.68354167 | 14.45 | 28.9857 | 5.85703704 | 14.1 | 27.4368 | 6.03053241 | 13.78 | 25.0091 |
| 5.68365741 | 14.45 | 29.0746 | 5.85715278 | 14.1 | 27.4443 | 6.03064815 | 13.76 | 24.9665 |
| 5.68377315 | 14.45 | 28.9646 | 5.85726852 | 14.11 | 27.6078 | 6.03076389 | 13.75 | 24.9115 |
| 5.68388889 | 14.45 | 28.893 | 5.85738426 | 14.13 | 27.7045 | 6.03087963 | 13.75 | 24.9268 |
| 5.68400463 | 14.45 | 28.7884 | 5.8575 | 14.18 | 28.0144 | 6.03099537 | 13.75 | 24.9576 |
| 5.68412037 | 14.45 | 29.0789 | 5.85761574 | 14.15 | 27.7595 | 6.03111111 | 13.75 | 24.8778 |
| 5.68423611 | 14.43 | 29.3122 | 5.85773148 | 14.17 | 27.9433 | 6.03122685 | 13.75 | 24.9023 |
| 5.68435185 | 14.45 | 29.2885 | 5.85784722 | 14.17 | 27.9159 | 6.03134259 | 13.74 | 24.8934 |
| 5.68446759 | 14.43 | 29.1577 | 5.85796296 | 14.21 | 28.1428 | 6.03145833 | 13.74 | 24.8934 |
| 5.68458333 | 14.45 | 28.8595 | 5.8580787 | 14.22 | 28.1713 | 6.03157407 | 13.75 | 24.9422 |
| 5.68469907 | 14.43 | 29.0768 | 5.85819444 | 14.22 | 28.1316 | 6.03168982 | 13.75 | 24.9115 |
| 5.68481482 | 14.45 | 28.9603 | 5.85831019 | 14.22 | 28.0801 | 6.03180556 | 13.75 | 24.9915 |
| 5.68493056 | 14.45 | 28.8972 | 5.85842593 | 14.24 | 28.1607 | 6.0319213 | 13.72 | 24.8605 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6850463 | 14.45 | 29.2885 | 5.85854167 | 14.24 | 28.2205 | 6.03203704 | 13.74 | 24.8659 |
| 5.68516204 | 14.43 | 29.009 | 5.85865741 | 14.21 | 28.1309 | 6.03215278 | 13.74 | 24.8476 |
| 5.68527778 | 14.45 | 29.1001 | 5.85877315 | 14.21 | 28.1428 | 6.03226852 | 13.75 | 25.0131 |
| 5.68539352 | 14.45 | 29.0789 | 5.85888889 | 14.22 | 28.1554 | 6.03238426 | 13.75 | 24.9576 |
| 5.68550926 | 14.45 | 28.7759 | 5.85900463 | 14.22 | 28.1753 | 6.0325 | 13.72 | 24.9156 |
| 5.685625 | 14.45 | 28.9561 | 5.85912037 | 14.22 | 28.2111 | 6.03261574 | 13.74 | 24.8842 |
| 5.68574074 | 14.45 | 29.0364 | 5.85923611 | 14.18 | 28.0184 | 6.03273148 | 13.75 | 25.0038 |
| 5.68585648 | 14.43 | 28.7284 | 5.85935185 | 14.17 | 27.8342 | 6.03284722 | 13.75 | 25.0069 |
| 5.68597222 | 14.45 | 29.1726 | 5.85946759 | 14.21 | 28.1111 | 6.03296296 | 13.76 | 25.1247 |
| 5.68608796 | 14.45 | 28.826 | 5.85958333 | 14.22 | 28.1435 | 6.0330787 | 13.76 | 25.0562 |
| 5.6862037 | 14.46 | 28.7685 | 5.85969907 | 14.21 | 28.036 | 6.03319444 | 13.76 | 25.0686 |
| 5.68631944 | 14.45 | 28.7177 | 5.85981482 | 14.2 | 28.0433 | 6.03331019 | 13.76 | 25.156 |
| 5.68643519 | 14.46 | 29.1139 | 5.85993056 | 14.21 | 28.1388 | 6.03342593 | 13.79 | 25.4116 |
| 5.68655093 | 14.45 | 29.1129 | 5.8600463 | 14.24 | 28.2405 | 6.03354167 | 13.82 | 25.5398 |
| 5.68666667 | 14.45 | 28.4056 | 5.86016204 | 14.24 | 28.1926 | 6.03365741 | 13.83 | 25.6176 |
| 5.68678241 | 14.43 | 28.8367 | 5.86027778 | 14.22 | 28.1633 | 6.03377315 | 13.83 | 25.742 |
| 5.68689815 | 14.45 | 28.9814 | 5.86039352 | 14.24 | 28.1687 | 6.03388889 | 13.85 | 25.6925 |
| 5.68701389 | 14.45 | 28.9688 | 5.86050926 | 14.24 | 28.2125 | 6.03400463 | 13.88 | 25.8574 |
| 5.68712963 | 14.43 | 28.845 | 5.860625 | 14.24 | 28.2365 | 6.03412037 | 13.88 | 25.9474 |
| 5.68724537 | 14.45 | 29.0152 | 5.86074074 | 14.24 | 28.2045 | 6.03423611 | 13.88 | 25.791 |
| 5.68736111 | 14.43 | 29.3554 | 5.86085648 | 14.25 | 28.2812 | 6.03435185 | 13.83 | 25.5883 |
| 5.68747685 | 14.43 | 29.1194 | 5.86097222 | 14.24 | 28.1369 | 6.03446759 | 13.83 | 25.5073 |
| 5.68759259 | 14.45 | 29.1427 | 5.86108796 | 14.22 | 28.088 | 6.03458333 | 13.82 | 25.4656 |
| 5.68770833 | 14.43 | 29.2133 | 5.8612037 | 14.21 | 28.123 | 6.03469907 | 13.81 | 25.3092 |
| 5.68782407 | 14.42 | 29.3976 | 5.86131944 | 14.22 | 28.1316 | 6.03481482 | 13.78 | 25.0774 |
| 5.68793982 | 14.42 | 29.3976 | 5.86143519 | 14.22 | 28.1514 | 6.03493056 | 13.76 | 25.0748 |
| 5.68805556 | 14.42 | 29.2509 | 5.86155093 | 14.21 | 28.1071 | 6.0350463 | 13.76 | 25.0376 |
| 5.6881713 | 14.42 | 29.4366 | 5.86166667 | 14.2 | 27.9412 | 6.03516204 | 13.75 | 25.0441 |
| 5.68828704 | 14.43 | 29.5118 | 5.86178241 | 14.15 | 27.721 | 6.03527778 | 13.76 | 25.019 |
| 5.68840278 | 14.43 | 29.2777 | 5.86189815 | 14.17 | 27.807 | 6.03539352 | 13.75 | 25.0131 |
| 5.68851852 | 14.42 | 29.3716 | 5.86201389 | 14.15 | 27.7402 | 6.03550926 | 13.76 | 25.1153 |
| 5.68863426 | 14.42 | 29.3327 | 5.86212963 | 14.17 | 27.9315 | 6.035625 | 13.76 | 25.1247 |
| 5.68875 | 14.42 | 29.2509 | 5.86224537 | 14.15 | 27.8408 | 6.03574074 | 13.76 | 25.1091 |
| 5.68886574 | 14.42 | 29.1311 | 5.86236111 | 14.15 | 27.7904 | 6.03585648 | 13.74 | 25.0134 |
| 5.68898148 | 14.42 | 29.1823 | 5.86247685 | 14.15 | 27.7711 | 6.03597222 | 13.75 | 24.9422 |
| 5.68909722 | 14.42 | 29.3499 | 5.86259259 | 14.21 | 28.0794 | 6.03608796 | 13.74 | 24.9548 |
| 5.68921296 | 14.42 | 28.5665 | 5.86270833 | 14.22 | 28.1435 | 6.0362037 | 13.75 | 25.0503 |
| 5.6893287 | 14.42 | 29.0843 | 5.86282407 | 14.18 | 27.983 | 6.03631944 | 13.75 | 24.9791 |
| 5.68944444 | 14.42 | 29.5106 | 5.86293982 | 14.21 | 28.1428 | 6.03643519 | 13.74 | 24.9949 |
| 5.68956019 | 14.42 | 28.6778 | 5.86305556 | 14.24 | 28.3166 | 6.03655093 | 13.74 | 24.9795 |
| 5.68967593 | 14.43 | 29.2219 | 5.8631713 | 14.21 | 28.119 | 6.03666667 | 13.75 | 25.0348 |
| 5.68979167 | 14.43 | 29.0387 | 5.86328704 | 14.22 | 28.1832 | 6.03678241 | 13.74 | 24.964 |
| 5.68990741 | 14.43 | 27.8932 | 5.86340278 | 14.24 | 28.2525 | 6.03689815 | 13.74 | 24.9548 |
| 5.69002315 | 14.43 | 29.0048 | 5.86351852 | 14.22 | 28.1952 | 6.03701389 | 13.75 | 25.0596 |
| 5.69013889 | 14.43 | 29.2305 | 5.86363426 | 14.22 | 28.1435 | 6.03712963 | 13.75 | 25.0441 |
| 5.69025463 | 14.43 | 29.009 | 5.86375 | 14.25 | 28.3778 | 6.03724537 | 13.74 | 25.0413 |
| 5.69037037 | 14.43 | 29.0768 | 5.86386574 | 14.25 | 28.3738 | 6.03736111 | 13.75 | 25.0596 |
| 5.69048611 | 14.43 | 28.8869 | 5.86398148 | 14.24 | 28.1926 | 6.03747685 | 13.75 | 25.0845 |
| 5.69060185 | 14.43 | 29.3165 | 5.86409722 | 14.21 | 28.0439 | 6.03759259 | 13.78 | 25.3035 |
| 5.69071759 | 14.43 | 29.0344 | 5.86421296 | 14.18 | 27.9791 | 6.03770833 | 13.76 | 25.1779 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69083333 | 14.43 | 29.0853 | 5.8643287 | 14.18 | 27.9282 | 6.03782407 | 13.76 | 25.1936 |
| 5.69094907 | 14.43 | 29.1321 | 5.86444444 | 14.2 | 28.0118 | 6.03793982 | 13.76 | 25.1873 |
| 5.69106482 | 14.43 | 29.351 | 5.86456019 | 14.2 | 28.0433 | 6.03805556 | 13.82 | 25.5787 |
| 5.69118056 | 14.43 | 29.4117 | 5.86467593 | 14.21 | 28.0873 | 6.0381713 | 13.86 | 25.9141 |
| 5.6912963 | 14.43 | 29.3338 | 5.86479167 | 14.21 | 28.1071 | 6.03828704 | 13.85 | 25.8111 |
| 5.69141204 | 14.43 | 29.1236 | 5.86490741 | 14.21 | 28.115 | 6.03840278 | 13.79 | 25.3605 |
| 5.69152778 | 14.43 | 29.1791 | 5.86502315 | 14.21 | 28.1269 | 6.03851852 | 13.78 | 25.3448 |
| 5.69164352 | 14.43 | 29.0938 | 5.86513889 | 14.21 | 28.0913 | 6.03863426 | 13.81 | 25.5854 |
| 5.69175926 | 14.43 | 29.0896 | 5.86525463 | 14.22 | 28.1078 | 6.03875 | 13.82 | 25.6536 |
| 5.691875 | 14.43 | 29.2562 | 5.86537037 | 14.21 | 28.1587 | 6.03886574 | 13.82 | 25.5787 |
| 5.69199074 | 14.43 | 28.9753 | 5.86548611 | 14.24 | 28.2205 | 6.03898148 | 13.78 | 25.2466 |
| 5.69210648 | 14.43 | 29.0726 | 5.86560185 | 14.24 | 28.1886 | 6.03909722 | 13.82 | 25.456 |
| 5.69222222 | 14.43 | 29.0344 | 5.86571759 | 14.22 | 28.2031 | 6.03921296 | 13.81 | 25.3729 |
| 5.69233796 | 14.43 | 29.209 | 5.86583333 | 14.22 | 28.1594 | 6.0393287 | 13.78 | 25.3258 |
| 5.6924537 | 14.43 | 29.1705 | 5.86594907 | 14.22 | 28.1713 | 6.03944444 | 13.78 | 25.3258 |
| 5.69256944 | 14.43 | 29.2433 | 5.86606482 | 14.22 | 28.1713 | 6.03956019 | 13.76 | 25.1873 |
| 5.69268519 | 14.43 | 29.1577 | 5.86618056 | 14.21 | 28.1905 | 6.03967593 | 13.76 | 25.0966 |
| 5.69280093 | 14.43 | 28.7035 | 5.8662963 | 14.21 | 28.1468 | 6.03979167 | 13.76 | 25.1466 |
| 5.69291667 | 14.42 | 29.1652 | 5.86641204 | 14.22 | 28.1514 | 6.03990741 | 13.76 | 25.1216 |
| 5.69303241 | 14.43 | 29.2262 | 5.86652778 | 14.21 | 28.115 | 6.04002315 | 13.75 | 25.0751 |
| 5.69314815 | 14.43 | 28.9964 | 5.86664352 | 14.2 | 28.0078 | 6.04013889 | 13.75 | 25.0441 |
| 5.69326389 | 14.43 | 29.1236 | 5.86675926 | 14.2 | 28.0118 | 6.04025463 | 13.75 | 25.0751 |
| 5.69337963 | 14.43 | 28.95 | 5.866875 | 14.2 | 27.9529 | 6.04037037 | 13.75 | 25.1219 |
| 5.69349537 | 14.43 | 28.8743 | 5.86699074 | 14.18 | 27.9399 | 6.04048611 | 13.75 | 25.0907 |
| 5.69361111 | 14.43 | 29.1834 | 5.86710648 | 14.18 | 27.9048 | 6.04060185 | 13.75 | 25.1063 |
| 5.69372685 | 14.43 | 29.0514 | 5.86722222 | 14.2 | 28.0748 | 6.04071759 | 13.75 | 25.125 |
| 5.69384259 | 14.43 | 28.8953 | 5.86733796 | 14.2 | 28.0393 | 6.04083333 | 13.75 | 25.0845 |
| 5.69395833 | 14.42 | 29.3197 | 5.8674537 | 14.18 | 27.9713 | 6.04094907 | 13.74 | 25.0723 |
| 5.69407407 | 14.42 | 29.2595 | 5.86756944 | 14.2 | 28 | 6.04106482 | 13.74 | 25.0847 |
| 5.69418982 | 14.43 | 29.1834 | 5.86768519 | 14.18 | 27.9595 | 6.04118056 | 13.74 | 25.1284 |
| 5.69430556 | 14.43 | 29.1834 | 5.86780093 | 14.18 | 27.9909 | 6.0412963 | 13.75 | 25.1063 |
| 5.6944213 | 14.43 | 29.3424 | 5.86791667 | 14.18 | 27.9165 | 6.04141204 | 13.76 | 25.0997 |
| 5.69453704 | 14.43 | 29.1108 | 5.86803241 | 14.18 | 27.9595 | 6.04152778 | 13.75 | 25.1 |
| 5.69465278 | 14.43 | 29.2348 | 5.86814815 | 14.18 | 27.936 | 6.04164352 | 13.75 | 25.1063 |
| 5.69476852 | 14.43 | 29.1236 | 5.86826389 | 14.18 | 27.9399 | 6.04175926 | 13.75 | 25.1125 |
| 5.69488426 | 14.43 | 28.9373 | 5.86837963 | 14.15 | 27.8952 | 6.041875 | 13.75 | 25.1063 |
| 5.695 | 14.43 | 29.0853 | 5.86849537 | 14.17 | 27.8886 | 6.04199074 | 13.75 | 25.2096 |
| 5.69511574 | 14.43 | 29.2048 | 5.86861111 | 14.17 | 27.912 | 6.04210648 | 13.76 | 25.3072 |
| 5.69523148 | 14.42 | 29.5544 | 5.86872685 | 14.17 | 27.9237 | 6.04222222 | 13.81 | 25.5012 |
| 5.69534722 | 14.43 | 29.0514 | 5.86884259 | 14.17 | 27.9159 | 6.04233796 | 13.83 | 25.7387 |
| 5.69546296 | 14.42 | 29.3327 | 5.86895833 | 14.17 | 27.9042 | 6.0424537 | 13.85 | 25.7847 |
| 5.6955787 | 14.42 | 29.0716 | 5.86907407 | 14.17 | 27.9081 | 6.04256944 | 13.83 | 25.6111 |
| 5.69569444 | 14.43 | 29.2391 | 5.86918982 | 14.17 | 27.9159 | 6.04268519 | 13.81 | 25.4626 |
| 5.69581019 | 14.43 | 29.2176 | 5.86930556 | 14.18 | 28.0105 | 6.04280093 | 13.81 | 25.4305 |
| 5.69592593 | 14.43 | 29.0387 | 5.8694213 | 14.18 | 27.9791 | 6.04291667 | 13.83 | 25.7453 |
| 5.69604167 | 14.43 | 29.0896 | 5.86953704 | 14.18 | 28.0027 | 6.04303241 | 13.86 | 25.8541 |
| 5.69615741 | 14.43 | 28.9163 | 5.86965278 | 14.18 | 28.0105 | 6.04314815 | 13.86 | 25.8342 |
| 5.69627315 | 14.43 | 28.95 | 5.86976852 | 14.18 | 27.987 | 6.04326389 | 13.86 | 25.821 |
| 5.69638889 | 14.43 | 29.0641 | 5.86988426 | 14.2 | 28.0275 | 6.04337963 | 13.83 | 25.5461 |
| 5.69650463 | 14.43 | 29.0514 | 5.87 | 14.18 | 28.042 | 6.04349537 | 13.79 | 25.3765 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69662037 | 14.43 | 29.1663 | 5.87011574 | 14.18 | 28.0223 | 6.04361111 | 13.81 | 25.4433 |
| 5.69673611 | 14.45 | 29.0449 | 5.87023148 | 14.18 | 28.0105 | 6.04372685 | 13.85 | 25.7024 |
| 5.69685185 | 14.45 | 29.0831 | 5.87034722 | 14.18 | 28.042 | 6.04384259 | 13.88 | 25.7877 |
| 5.69696759 | 14.45 | 28.6598 | 5.87046296 | 14.18 | 27.9987 | 6.04395833 | 13.86 | 25.7615 |
| 5.69708333 | 14.45 | 29.2756 | 5.8705787 | 14.18 | 28.0027 | 6.04407407 | 13.86 | 25.7351 |
| 5.69719907 | 14.45 | 29.1214 | 5.87069444 | 14.18 | 27.9909 | 6.04418982 | 13.81 | 25.4176 |
| 5.69731482 | 14.43 | 28.971 | 5.87081019 | 14.2 | 28.0393 | 6.04430556 | 13.79 | 25.3033 |
| 5.69743056 | 14.43 | 28.7699 | 5.87092593 | 14.2 | 28.0472 | 6.0444213 | 13.78 | 25.3035 |
| 5.6975463 | 14.43 | 28.7908 | 5.87104167 | 14.2 | 28.059 | 6.04453704 | 13.76 | 25.2376 |
| 5.69766204 | 14.43 | 28.95 | 5.87115741 | 14.2 | 27.996 | 6.04465278 | 13.76 | 25.2093 |
| 5.69777778 | 14.43 | 28.7533 | 5.87127315 | 14.17 | 27.873 | 6.04476852 | 13.76 | 25.2597 |
| 5.69789352 | 14.43 | 29.2391 | 5.87138889 | 14.17 | 27.9237 | 6.04488426 | 13.79 | 25.402 |
| 5.69800926 | 14.43 | 28.5427 | 5.87150463 | 14.15 | 27.8253 | 6.045 | 13.81 | 25.4369 |
| 5.698125 | 14.45 | 29.0576 | 5.87162037 | 14.17 | 27.8847 | 6.04511574 | 13.79 | 25.3414 |
| 5.69824074 | 14.43 | 28.8953 | 5.87173611 | 14.15 | 27.8175 | 6.04523148 | 13.75 | 25.2316 |
| 5.69835648 | 14.45 | 28.4504 | 5.87185185 | 14.15 | 27.7943 | 6.04534722 | 13.75 | 25.2001 |
| 5.69847222 | 14.43 | 28.9542 | 5.87196759 | 14.15 | 27.8253 | 6.04546296 | 13.75 | 25.2096 |
| 5.69858796 | 14.43 | 29.2519 | 5.87208333 | 14.15 | 27.7943 | 6.0455787 | 13.76 | 25.1936 |
| 5.6987037 | 14.43 | 28.7575 | 5.87219907 | 14.15 | 27.7943 | 6.04569444 | 13.76 | 25.203 |
| 5.69881944 | 14.43 | 28.8869 | 5.87231482 | 14.18 | 27.9478 | 6.04581019 | 13.75 | 25.219 |
| 5.69893519 | 14.45 | 29.1385 | 5.87243056 | 14.17 | 27.9237 | 6.04592593 | 13.75 | 25.1907 |
| 5.69905093 | 14.45 | 28.8302 | 5.8725463 | 14.2 | 28.059 | 6.04604167 | 13.75 | 25.2001 |
| 5.69916667 | 14.45 | 29.2111 | 5.87266204 | 14.22 | 28.1078 | 6.04615741 | 13.75 | 25.2001 |
| 5.69928241 | 14.43 | 29.026 | 5.87277778 | 14.22 | 28.1157 | 6.04627315 | 13.76 | 25.2818 |
| 5.69939815 | 14.43 | 29.0048 | 5.87289352 | 14.21 | 28.1309 | 6.04638889 | 13.76 | 25.2755 |
| 5.69951389 | 14.43 | 29.1705 | 5.87300926 | 14.21 | 28.1111 | 6.04650463 | 13.76 | 25.2566 |
| 5.69962963 | 14.43 | 29.0853 | 5.873125 | 14.18 | 27.9399 | 6.04662037 | 13.76 | 25.2566 |
| 5.69974537 | 14.43 | 28.9331 | 5.87324074 | 14.18 | 27.9595 | 6.04673611 | 13.76 | 25.2818 |
| 5.69986111 | 14.43 | 28.7658 | 5.87335648 | 14.18 | 27.9791 | 6.04685185 | 13.78 | 25.3608 |
| 5.69997685 | 14.43 | 28.9668 | 5.87347222 | 14.17 | 27.8497 | 6.04696759 | 13.76 | 25.3167 |
| 5.70009259 | 14.43 | 28.9458 | 5.87358796 | 14.17 | 27.8847 | 6.04708333 | 13.76 | 25.3072 |
| 5.70020833 | 14.43 | 29.2562 | 5.8737037 | 14.18 | 27.9634 | 6.04719907 | 13.78 | 25.4214 |
| 5.70032407 | 14.43 | 29.0387 | 5.87381944 | 14.18 | 27.9791 | 6.04731482 | 13.85 | 25.8012 |
| 5.70043982 | 14.43 | 29.3294 | 5.87393519 | 14.21 | 28.0518 | 6.04743056 | 13.83 | 25.6698 |
| 5.70055556 | 14.43 | 28.8033 | 5.87405093 | 14.21 | 28.0478 | 6.0475463 | 13.85 | 25.7056 |
| 5.7006713 | 14.43 | 29.2219 | 5.87416667 | 14.21 | 27.9653 | 6.04766204 | 13.82 | 25.608 |
| 5.70078704 | 14.43 | 29.2949 | 5.87428241 | 14.2 | 28.0078 | 6.04777778 | 13.82 | 25.5852 |
| 5.70090278 | 14.43 | 29.364 | 5.87439815 | 14.2 | 27.996 | 6.04789352 | 13.81 | 25.54 |
| 5.70101852 | 14.43 | 29.3554 | 5.87451389 | 14.18 | 27.9243 | 6.04800926 | 13.82 | 25.5431 |
| 5.70113426 | 14.42 | 29.0801 | 5.87462963 | 14.18 | 27.897 | 6.048125 | 13.85 | 25.8012 |
| 5.70125 | 14.43 | 29.2348 | 5.87474537 | 14.17 | 27.8964 | 6.04824074 | 13.86 | 25.8177 |
| 5.70136574 | 14.42 | 29.1567 | 5.87486111 | 14.17 | 27.873 | 6.04835648 | 13.86 | 25.8774 |
| 5.70148148 | 14.43 | 28.7866 | 5.87497685 | 14.18 | 27.8464 | 6.04847222 | 13.9 | 26.0753 |
| 5.70159722 | 14.43 | 28.95 | 5.87509259 | 14.17 | 27.838 | 6.04858796 | 13.9 | 26.0483 |
| 5.70171296 | 14.43 | 29.026 | 5.87520833 | 14.17 | 27.912 | 6.0487037 | 13.88 | 25.9274 |
| 5.7018287 | 14.43 | 29.162 | 5.87532407 | 14.17 | 27.9237 | 6.04881944 | 13.92 | 26.1398 |
| 5.70194444 | 14.43 | 29.1407 | 5.87543982 | 14.17 | 27.8536 | 6.04893519 | 13.93 | 26.2218 |
| 5.70206019 | 14.42 | 28.9827 | 5.87555556 | 14.15 | 27.8059 | 6.04905093 | 13.89 | 25.9608 |
| 5.70217593 | 14.42 | 29.2123 | 5.8756713 | 14.15 | 27.8175 | 6.04916667 | 13.92 | 26.1398 |
| 5.70229167 | 14.42 | 29.1482 | 5.87578704 | 14.15 | 27.7634 | 6.04928241 | 13.9 | 26.1262 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70240741 | 14.43 | 28.6745 | 5.87590278 | 14.15 | 27.775 | 6.04939815 | 13.93 | 26.1161 |
| 5.70252315 | 14.42 | 28.8692 | 5.87601852 | 14.14 | 27.7744 | 6.04951389 | 13.94 | 26.2734 |
| 5.70263889 | 14.43 | 28.9542 | 5.87613426 | 14.13 | 27.7084 | 6.04962963 | 13.96 | 26.3253 |
| 5.70275463 | 14.42 | 29.0886 | 5.87625 | 14.14 | 27.7204 | 6.04974537 | 13.99 | 26.4751 |
| 5.70287037 | 14.42 | 28.9364 | 5.87636574 | 14.13 | 27.7122 | 6.04986111 | 13.96 | 26.346 |
| 5.70298611 | 14.42 | 29.3456 | 5.87648148 | 14.13 | 27.6815 | 6.04997685 | 13.92 | 26.0449 |
| 5.70310185 | 14.43 | 29.2906 | 5.87659722 | 14.13 | 27.6892 | 6.05009259 | 13.9 | 25.991 |
| 5.70321759 | 14.43 | 27.8971 | 5.87671296 | 14.13 | 27.6892 | 6.05020833 | 13.9 | 25.9675 |
| 5.70333333 | 14.45 | 26.9681 | 5.8768287 | 14.13 | 27.7122 | 6.05032407 | 13.92 | 26.0787 |
| 5.70344907 | 14.45 | 26.7966 | 5.87694444 | 14.13 | 27.6853 | 6.05043982 | 13.94 | 26.1774 |
| 5.70356482 | 14.46 | 27.2731 | 5.87706019 | 14.13 | 27.6777 | 6.05055556 | 13.94 | 26.0957 |
| 5.70368056 | 14.45 | 26.9388 | 5.87717593 | 14.13 | 27.7199 | 6.0506713 | 13.93 | 26.1025 |
| 5.7037963 | 14.45 | 27.1604 | 5.87729167 | 14.13 | 27.6969 | 6.05078704 | 13.94 | 26.1331 |
| 5.70391204 | 14.45 | 27.2914 | 5.87740741 | 14.14 | 27.8015 | 6.05090278 | 13.94 | 26.1229 |
| 5.70402778 | 14.45 | 27.3253 | 5.87752315 | 14.15 | 27.8991 | 6.05101852 | 13.93 | 26.0957 |
| 5.70414352 | 14.46 | 27.3636 | 5.87763889 | 14.17 | 27.8614 | 6.05113426 | 13.86 | 25.7582 |
| 5.70425926 | 14.45 | 27.1455 | 5.87775463 | 14.15 | 27.775 | 6.05125 | 13.83 | 25.6372 |
| 5.704375 | 14.45 | 27.5917 | 5.87787037 | 14.14 | 27.759 | 6.05136574 | 13.81 | 25.5983 |
| 5.70449074 | 14.45 | 27.2501 | 5.87798611 | 14.14 | 27.7397 | 6.05148148 | 13.82 | 25.6765 |
| 5.70460648 | 14.45 | 27.6455 | 5.87810185 | 14.14 | 27.7281 | 6.05159722 | 13.83 | 25.7026 |
| 5.70472222 | 14.45 | 27.9181 | 5.87821759 | 14.13 | 27.7392 | 6.05171296 | 13.85 | 25.7286 |
| 5.70483796 | 14.46 | 27.774 | 5.87833333 | 14.13 | 27.7161 | 6.0518287 | 13.79 | 25.5597 |
| 5.7049537 | 14.45 | 27.3593 | 5.87844907 | 14.13 | 27.7084 | 6.05194444 | 13.78 | 25.4471 |
| 5.70506944 | 14.46 | 27.1945 | 5.87856482 | 14.13 | 27.7584 | 6.05206019 | 13.78 | 25.3863 |
| 5.70518519 | 14.46 | 27.0127 | 5.87868056 | 14.15 | 27.7827 | 6.05217593 | 13.75 | 25.3519 |
| 5.70530093 | 14.46 | 26.9722 | 5.8787963 | 14.15 | 27.8758 | 6.05229167 | 13.76 | 25.3771 |
| 5.70541667 | 14.45 | 27.2276 | 5.87891204 | 14.18 | 27.9282 | 6.05240741 | 13.76 | 25.3867 |
| 5.70553241 | 14.45 | 27.4807 | 5.87902778 | 14.2 | 27.9725 | 6.05252315 | 13.74 | 25.3489 |
| 5.70564815 | 14.45 | 27.4616 | 5.87914352 | 14.18 | 27.9713 | 6.05263889 | 13.75 | 25.4188 |
| 5.70576389 | 14.45 | 27.3971 | 5.87925926 | 14.17 | 27.838 | 6.05275463 | 13.75 | 25.4445 |
| 5.70587963 | 14.45 | 26.3298 | 5.879375 | 14.17 | 27.8964 | 6.05287037 | 13.76 | 25.4924 |
| 5.70599537 | 14.45 | 27.6958 | 5.87949074 | 14.17 | 27.9863 | 6.05298611 | 13.75 | 25.4188 |
| 5.70611111 | 14.45 | 27.9102 | 5.87960648 | 14.2 | 28.0275 | 6.05310185 | 13.76 | 25.3931 |
| 5.70622685 | 14.45 | 28.3408 | 5.87972222 | 14.25 | 28.1893 | 6.05321759 | 13.74 | 25.3903 |
| 5.70634259 | 14.45 | 28.252 | 5.87983796 | 14.25 | 28.2652 | 6.05333333 | 13.75 | 25.4156 |
| 5.70645833 | 14.45 | 28.4504 | 5.8799537 | 14.28 | 28.1914 | 6.05344907 | 13.75 | 25.4092 |
| 5.70657407 | 14.45 | 28.6556 | 5.88006944 | 14.29 | 28.3606 | 6.05356482 | 13.76 | 25.4764 |
| 5.70668982 | 14.45 | 28.7676 | 5.88018519 | 14.28 | 28.2433 | 6.05368056 | 13.75 | 25.4509 |
| 5.70680556 | 14.43 | 28.625 | 5.88030093 | 14.25 | 28.1495 | 6.0537963 | 13.75 | 25.4156 |
| 5.7069213 | 14.45 | 28.7219 | 5.88041667 | 14.21 | 27.9379 | 6.05391204 | 13.75 | 25.4092 |
| 5.70703704 | 14.43 | 28.7491 | 5.88053241 | 14.15 | 27.8563 | 6.05402778 | 13.75 | 25.3933 |
| 5.70715278 | 14.43 | 28.6621 | 5.88064815 | 14.17 | 27.8925 | 6.05414352 | 13.75 | 25.3997 |
| 5.70726852 | 14.43 | 28.7949 | 5.88076389 | 14.14 | 27.8015 | 6.05425926 | 13.75 | 25.3933 |
| 5.70738426 | 14.45 | 28.1319 | 5.88087963 | 14.14 | 27.8092 | 6.054375 | 13.75 | 25.4252 |
| 5.7075 | 14.46 | 27.1609 | 5.88099537 | 14.14 | 27.7706 | 6.05449074 | 13.75 | 25.4445 |
| 5.70761574 | 14.46 | 26.8042 | 5.88111111 | 14.14 | 27.7899 | 6.05460648 | 13.75 | 25.4252 |
| 5.70773148 | 14.46 | 26.3756 | 5.88122685 | 14.13 | 27.7661 | 6.05472222 | 13.76 | 25.409 |
| 5.70784722 | 14.46 | 26.3581 | 5.88134259 | 14.13 | 27.7469 | 6.05483796 | 13.76 | 25.409 |
| 5.70796296 | 14.47 | 26.2953 | 5.88145833 | 14.13 | 27.7661 | 6.0549537 | 13.76 | 25.4378 |
| 5.7080787 | 14.46 | 27.4736 | 5.88157407 | 14.13 | 27.7276 | 6.05506944 | 13.75 | 25.4252 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70819444 | 14.46 | 27.12 | 5.88168982 | 14.13 | 27.7276 | 6.05518519 | 13.76 | 25.4346 |
| 5.70831019 | 14.47 | 26.6171 | 5.88180556 | 14.11 | 27.7574 | 6.05530093 | 13.76 | 25.4507 |
| 5.70842593 | 14.47 | 26.2639 | 5.8819213 | 14.13 | 27.7971 | 6.05541667 | 13.78 | 25.4888 |
| 5.70854167 | 14.46 | 26.9869 | 5.88203704 | 14.13 | 27.7661 | 6.05553241 | 13.78 | 25.5114 |
| 5.70865741 | 14.47 | 26.0908 | 5.88215278 | 14.13 | 27.7661 | 6.05564815 | 13.78 | 25.5275 |
| 5.70877315 | 14.47 | 25.585 | 5.88226852 | 14.13 | 27.7276 | 6.05576389 | 13.78 | 25.5631 |
| 5.70888889 | 14.47 | 25.8489 | 5.88238426 | 14.13 | 27.7777 | 6.05587963 | 13.79 | 25.563 |
| 5.70900463 | 14.49 | 24.9377 | 5.8825 | 14.14 | 27.8208 | 6.05599537 | 13.79 | 25.5371 |
| 5.70912037 | 14.46 | 27.4166 | 5.88261574 | 14.13 | 27.7855 | 6.05611111 | 13.78 | 25.5858 |
| 5.70923611 | 14.47 | 25.3363 | 5.88273148 | 14.14 | 27.8247 | 6.05622685 | 13.81 | 25.6342 |
| 5.70935185 | 14.49 | 25.1274 | 5.88284722 | 14.14 | 27.8208 | 6.05634259 | 13.81 | 25.6505 |
| 5.70946759 | 14.49 | 24.7077 | 5.88296296 | 14.14 | 27.8441 | 6.05645833 | 13.83 | 25.6927 |
| 5.70958333 | 14.49 | 24.7633 | 5.8830787 | 14.14 | 27.8519 | 6.05657407 | 13.85 | 25.7979 |
| 5.70969907 | 14.5 | 23.997 | 5.88319444 | 14.15 | 27.9577 | 6.05668982 | 13.9 | 26.2525 |
| 5.70981482 | 14.47 | 26.0496 | 5.88331019 | 14.17 | 27.9863 | 6.05680556 | 13.94 | 26.4745 |
| 5.70993056 | 14.49 | 24.9817 | 5.88342593 | 14.17 | 27.9354 | 6.0569213 | 13.93 | 26.3943 |
| 5.7100463 | 14.49 | 25.3265 | 5.88354167 | 14.17 | 27.912 | 6.05703704 | 13.92 | 26.2355 |
| 5.71016204 | 14.47 | 26.4853 | 5.88365741 | 14.15 | 27.8991 | 6.05715278 | 13.9 | 26.0753 |
| 5.71027778 | 14.49 | 25.1785 | 5.88377315 | 14.14 | 27.8441 | 6.05726852 | 13.89 | 25.9474 |
| 5.71039352 | 14.49 | 25.4372 | 5.88388889 | 14.14 | 27.883 | 6.05738426 | 13.86 | 25.8608 |
| 5.71050926 | 14.47 | 26.3653 | 5.88400463 | 14.14 | 27.8635 | 6.0575 | 13.86 | 25.8342 |
| 5.710625 | 14.47 | 26.535 | 5.88412037 | 14.15 | 27.8952 | 6.05761574 | 13.86 | 25.8608 |
| 5.71074074 | 14.46 | 27.1609 | 5.88423611 | 14.17 | 27.9393 | 6.05773148 | 13.85 | 25.8409 |
| 5.71085648 | 14.45 | 27.5917 | 5.88435185 | 14.17 | 27.9707 | 6.05784722 | 13.86 | 25.8674 |
| 5.71097222 | 14.45 | 28.5445 | 5.88446759 | 14.17 | 27.9315 | 6.05796296 | 13.85 | 25.8476 |
| 5.71108796 | 14.43 | 28.8409 | 5.88458333 | 14.17 | 27.9393 | 6.0580787 | 13.85 | 25.8841 |
| 5.7112037 | 14.45 | 27.4959 | 5.88469907 | 14.17 | 27.9198 | 6.05819444 | 13.83 | 25.8013 |
| 5.71131944 | 14.46 | 26.9832 | 5.88481482 | 14.14 | 27.8519 | 6.05831019 | 13.85 | 25.8509 |
| 5.71143519 | 14.46 | 27.2694 | 5.88493056 | 14.14 | 27.8713 | 6.05842593 | 13.85 | 25.8575 |
| 5.71155093 | 14.45 | 27.4693 | 5.8850463 | 14.17 | 27.9824 | 6.05854167 | 13.83 | 25.8444 |
| 5.71166667 | 14.46 | 27.4584 | 5.88516204 | 14.15 | 27.9577 | 6.05865741 | 13.85 | 25.8244 |
| 5.71178241 | 14.46 | 27.2806 | 5.88527778 | 14.14 | 27.9063 | 6.05877315 | 13.83 | 25.8378 |
| 5.71189815 | 14.47 | 26.5386 | 5.88539352 | 14.13 | 27.828 | 6.05888889 | 13.85 | 25.821 |
| 5.71201389 | 14.47 | 26.4747 | 5.88550926 | 14.13 | 27.8164 | 6.05900463 | 13.86 | 25.8674 |
| 5.71212963 | 14.47 | 25.2459 | 5.885625 | 14.13 | 27.7971 | 6.05912037 | 13.86 | 25.8708 |
| 5.71224537 | 14.49 | 25.4078 | 5.88574074 | 14.14 | 27.7821 | 6.05923611 | 13.85 | 25.7814 |
| 5.71236111 | 14.47 | 27.2473 | 5.88585648 | 14.13 | 27.7584 | 6.05935185 | 13.83 | 25.7617 |
| 5.71247685 | 14.46 | 27.9502 | 5.88597222 | 14.11 | 27.7189 | 6.05946759 | 13.83 | 25.6764 |
| 5.71259259 | 14.49 | 24.449 | 5.88608796 | 14.13 | 27.7045 | 6.05958333 | 13.82 | 25.6242 |
| 5.71270833 | 14.5 | 22.7444 | 5.8862037 | 14.13 | 27.7084 | 6.05969907 | 13.81 | 25.5886 |
| 5.71282407 | 14.5 | 25.6548 | 5.88631944 | 14.11 | 27.6881 | 6.05981482 | 13.78 | 25.5858 |
| 5.71293982 | 14.47 | 27.2962 | 5.88643519 | 14.11 | 27.7381 | 6.05993056 | 13.79 | 25.563 |
| 5.71305556 | 14.47 | 26.0633 | 5.88655093 | 14.13 | 27.7276 | 6.0600463 | 13.79 | 25.5792 |
| 5.7131713 | 14.49 | 25.1114 | 5.88666667 | 14.13 | 27.7469 | 6.06016204 | 13.79 | 25.5792 |
| 5.71328704 | 14.5 | 24.3289 | 5.88678241 | 14.13 | 27.7199 | 6.06027778 | 13.79 | 25.5857 |
| 5.71340278 | 14.5 | 24.9031 | 5.88689815 | 14.11 | 27.7227 | 6.06039352 | 13.79 | 25.5954 |
| 5.71351852 | 14.49 | 25.8525 | 5.88701389 | 14.11 | 27.6997 | 6.06050926 | 13.79 | 25.563 |
| 5.71363426 | 14.47 | 25.8793 | 5.88712963 | 14.11 | 27.6881 | 6.060625 | 13.78 | 25.5955 |
| 5.71375 | 14.47 | 25.3883 | 5.88724537 | 14.11 | 27.6997 | 6.06074074 | 13.79 | 25.6214 |
| 5.71386574 | 14.49 | 24.5822 | 5.88736111 | 14.11 | 27.6997 | 6.06085648 | 13.79 | 25.6116 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71398148 | 14.49 | 24.8346 | 5.88747685 | 14.11 | 27.6881 | 6.06097222 | 13.81 | 25.6309 |
| 5.71409722 | 14.47 | 25.1467 | 5.88759259 | 14.13 | 27.6853 | 6.06108796 | 13.79 | 25.6344 |
| 5.71421296 | 14.5 | 24.1105 | 5.88770833 | 14.13 | 27.6853 | 6.0612037 | 13.81 | 25.6342 |
| 5.7143287 | 14.5 | 24.7045 | 5.88782407 | 14.13 | 27.6623 | 6.06131944 | 13.86 | 25.8575 |
| 5.71444444 | 14.49 | 25.3655 | 5.88793982 | 14.13 | 27.6662 | 6.06143519 | 13.89 | 26.2114 |
| 5.71456019 | 14.47 | 26.1563 | 5.88805556 | 14.13 | 27.693 | 6.06155093 | 13.88 | 26.018 |
| 5.71467593 | 14.47 | 26.6566 | 5.8881713 | 14.13 | 27.7084 | 6.06166667 | 13.83 | 25.8776 |
| 5.71479167 | 14.46 | 26.8624 | 5.88828704 | 14.13 | 27.693 | 6.06178241 | 13.86 | 26.0416 |
| 5.71490741 | 14.47 | 25.4895 | 5.88840278 | 14.13 | 27.7161 | 6.06189815 | 13.93 | 26.429 |
| 5.71502315 | 14.49 | 25.9815 | 5.88851852 | 14.13 | 27.7007 | 6.06201389 | 13.94 | 26.534 |
| 5.71513889 | 14.46 | 27.1907 | 5.88863426 | 14.13 | 27.7084 | 6.06212963 | 13.92 | 26.2595 |
| 5.71525463 | 14.47 | 26.1805 | 5.88875 | 14.14 | 27.7474 | 6.06224537 | 13.92 | 26.2492 |
| 5.71537037 | 14.47 | 26.7322 | 5.88886574 | 14.14 | 27.7204 | 6.06236111 | 13.9 | 26.1602 |
| 5.71548611 | 14.46 | 27.4242 | 5.88898148 | 14.14 | 27.7281 | 6.06247685 | 13.88 | 26.0584 |
| 5.71560185 | 14.45 | 28.1199 | 5.88909722 | 14.14 | 27.7667 | 6.06259259 | 13.92 | 26.4568 |
| 5.71571759 | 14.45 | 27.6301 | 5.88921296 | 14.14 | 27.759 | 6.06270833 | 13.96 | 26.5483 |
| 5.71583333 | 14.46 | 26.9208 | 5.8893287 | 14.14 | 27.7281 | 6.06282407 | 13.97 | 26.6296 |
| 5.71594907 | 14.46 | 27.6925 | 5.88944444 | 14.13 | 27.6012 | 6.06293982 | 13.97 | 26.5204 |
| 5.71606482 | 14.45 | 28.0602 | 5.88956019 | 14.11 | 27.6269 | 6.06305556 | 14 | 26.6514 |
| 5.71618056 | 14.45 | 28.096 | 5.88967593 | 14.13 | 27.647 | 6.0631713 | 14.03 | 26.9608 |
| 5.7162963 | 14.47 | 26.8555 | 5.88979167 | 14.13 | 27.6355 | 6.06328704 | 14.03 | 26.8847 |
| 5.71641204 | 14.46 | 26.6706 | 5.88990741 | 14.13 | 27.6355 | 6.06340278 | 13.99 | 26.5699 |
| 5.71652778 | 14.45 | 27.9259 | 5.89002315 | 14.13 | 27.6432 | 6.06351852 | 13.99 | 26.5523 |
| 5.71664352 | 14.47 | 25.9607 | 5.89013889 | 14.13 | 27.6241 | 6.06363426 | 14 | 26.6692 |
| 5.71675926 | 14.47 | 25.9064 | 5.89025463 | 14.13 | 27.6853 | 6.06375 | 14.03 | 26.8271 |
| 5.716875 | 14.46 | 28.0332 | 5.89037037 | 14.13 | 27.6662 | 6.06386574 | 13.99 | 26.4996 |
| 5.71699074 | 14.46 | 27.7857 | 5.89048611 | 14.13 | 27.6738 | 6.06398148 | 13.97 | 26.4469 |
| 5.71710648 | 14.46 | 27.2581 | 5.89060185 | 14.13 | 27.6738 | 6.06409722 | 14.01 | 26.7799 |
| 5.71722222 | 14.46 | 26.0803 | 5.89071759 | 14.13 | 27.6662 | 6.06421296 | 14.01 | 26.823 |
| 5.71733796 | 14.46 | 26.1009 | 5.89083333 | 14.13 | 27.6241 | 6.0643287 | 14.03 | 26.7089 |
| 5.7174537 | 14.46 | 27.7196 | 5.89094907 | 14.13 | 27.6126 | 6.06444444 | 14.03 | 26.7054 |
| 5.71756944 | 14.45 | 28.2601 | 5.89106482 | 14.14 | 27.6055 | 6.06456019 | 14.01 | 26.6729 |
| 5.71768519 | 14.45 | 28.2762 | 5.89118056 | 14.14 | 27.6284 | 6.06467593 | 14 | 26.6019 |
| 5.71780093 | 14.43 | 28.5551 | 5.8912963 | 14.14 | 27.6246 | 6.06479167 | 13.94 | 26.1638 |
| 5.71791667 | 14.43 | 29.0471 | 5.89141204 | 14.14 | 27.6437 | 6.06490741 | 13.88 | 25.9341 |
| 5.71803241 | 14.45 | 28.3004 | 5.89152778 | 14.15 | 27.6404 | 6.06502315 | 13.92 | 26.1161 |
| 5.71814815 | 14.43 | 28.4081 | 5.89164352 | 14.14 | 27.6667 | 6.06513889 | 13.92 | 26.1807 |
| 5.71826389 | 14.43 | 28.8241 | 5.89175926 | 14.14 | 27.6897 | 6.06525463 | 13.97 | 26.5731 |
| 5.71837963 | 14.45 | 28.2802 | 5.891875 | 14.14 | 27.7204 | 6.06537037 | 13.97 | 26.4749 |
| 5.71849537 | 14.43 | 28.5018 | 5.89199074 | 14.15 | 27.671 | 6.06548611 | 13.94 | 26.2975 |
| 5.71861111 | 14.43 | 28.9458 | 5.89210648 | 14.14 | 27.6361 | 6.06560185 | 13.97 | 26.5485 |
| 5.71872685 | 14.45 | 28.8972 | 5.89222222 | 14.13 | 27.5859 | 6.06571759 | 13.9 | 25.9407 |
| 5.71884259 | 14.43 | 28.9037 | 5.89233796 | 14.13 | 27.605 | 6.06583333 | 13.89 | 25.9843 |
| 5.71895833 | 14.45 | 28.8721 | 5.8924537 | 14.13 | 27.5707 | 6.06594907 | 13.88 | 25.884 |
| 5.71907407 | 14.43 | 28.3028 | 5.89256944 | 14.11 | 27.5583 | 6.06606482 | 13.86 | 25.8077 |
| 5.71918982 | 14.43 | 28.3675 | 5.89268519 | 14.1 | 27.5048 | 6.06618056 | 13.86 | 25.7549 |
| 5.71930556 | 14.45 | 27.4047 | 5.89280093 | 14.1 | 27.5921 | 6.0662963 | 13.86 | 26.0113 |
| 5.7194213 | 14.45 | 26.8912 | 5.89291667 | 14.13 | 27.693 | 6.06641204 | 13.86 | 25.9676 |
| 5.71953704 | 14.45 | 26.6954 | 5.89303241 | 14.11 | 27.6805 | 6.06652778 | 13.85 | 25.8476 |
| 5.71965278 | 14.45 | 26.3965 | 5.89314815 | 14.14 | 27.7667 | 6.06664352 | 13.85 | 25.8045 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71976852 | 14.45 | 26.7531 | 5.89326389 | 14.14 | 27.7783 | 6.06675926 | 13.85 | 25.7814 |
| 5.71988426 | 14.46 | 27.3673 | 5.89337963 | 14.13 | 27.828 | 6.066875 | 13.85 | 25.7451 |
| 5.72 | 14.45 | 27.9495 | 5.89349537 | 14.11 | 27.585 | 6.06699074 | 13.86 | 25.8309 |
| 5.72011574 | 14.45 | 27.7889 | 5.89361111 | 14.1 | 27.5617 | 6.06710648 | 13.9 | 26.1568 |
| 5.72023148 | 14.46 | 26.6598 | 5.89372685 | 14.08 | 27.5379 | 6.06722222 | 13.89 | 26.2456 |
| 5.72034722 | 14.47 | 25.3428 | 5.89384259 | 14.1 | 27.5845 | 6.06733796 | 13.94 | 26.541 |
| 5.72046296 | 14.47 | 25.3396 | 5.89395833 | 14.1 | 27.5465 | 6.0674537 | 14 | 27.0546 |
| 5.7205787 | 14.46 | 27.6461 | 5.89407407 | 14.08 | 27.5569 | 6.06756944 | 14.03 | 26.9862 |
| 5.72069444 | 14.45 | 28.0008 | 5.89418982 | 14.06 | 27.3937 | 6.06768519 | 14.04 | 27.1219 |
| 5.72081019 | 14.45 | 27.7811 | 5.89430556 | 14.04 | 27.348 | 6.06780093 | 14.03 | 26.939 |
| 5.72092593 | 14.45 | 27.7928 | 5.8944213 | 14.04 | 27.3517 | 6.06791667 | 14.03 | 26.8343 |
| 5.72104167 | 14.45 | 28.256 | 5.89453704 | 14.06 | 27.4351 | 6.06803241 | 14.04 | 26.932 |
| 5.72115741 | 14.43 | 28.3878 | 5.89465278 | 14.03 | 27.3103 | 6.06814815 | 14 | 26.6692 |
| 5.72127315 | 14.45 | 27.9929 | 5.89476852 | 14.03 | 27.3103 | 6.06826389 | 14.07 | 27.1376 |
| 5.72138889 | 14.43 | 28.2465 | 5.89488426 | 14.03 | 27.3401 | 6.06837963 | 14.04 | 26.9683 |
| 5.72150463 | 14.45 | 28.2641 | 5.895 | 14.04 | 27.4192 | 6.06849537 | 14.06 | 26.958 |
| 5.72162037 | 14.45 | 28.3125 | 5.89511574 | 14.04 | 27.3892 | 6.06861111 | 14.07 | 27.0641 |
| 5.72173611 | 14.46 | 26.3651 | 5.89523148 | 14.01 | 27.3505 | 6.06872685 | 14.08 | 27.1527 |
| 5.72185185 | 14.45 | 27.989 | 5.89534722 | 14.03 | 27.3925 | 6.06884259 | 14.07 | 27.0605 |
| 5.72196759 | 14.43 | 27.9088 | 5.89546296 | 14.07 | 27.5337 | 6.06895833 | 14.07 | 27.0825 |
| 5.72208333 | 14.45 | 26.9718 | 5.8955787 | 14.07 | 27.4468 | 6.06907407 | 14.08 | 27.149 |
| 5.72219907 | 14.45 | 28.0325 | 5.89569444 | 14 | 27.1942 | 6.06918982 | 14.1 | 27.146 |
| 5.72231482 | 14.45 | 28.2078 | 5.89581019 | 13.99 | 27.1607 | 6.06930556 | 14.04 | 26.8093 |
| 5.72243056 | 14.45 | 28.5363 | 5.89592593 | 13.99 | 27.1533 | 6.0694213 | 14.07 | 26.9947 |
| 5.7225463 | 14.45 | 28.1119 | 5.89604167 | 14 | 27.1942 | 6.06953704 | 14.1 | 27.1239 |
| 5.72266204 | 14.45 | 27.2651 | 5.89615741 | 14 | 27.2497 | 6.06965278 | 14.08 | 27.0902 |
| 5.72277778 | 14.46 | 27.573 | 5.89627315 | 14.04 | 27.3742 | 6.06976852 | 14.08 | 27.1343 |
| 5.72289352 | 14.46 | 26.6562 | 5.89638889 | 14.03 | 27.3103 | 6.06988426 | 14.08 | 27.1712 |
| 5.72300926 | 14.45 | 28.6061 | 5.89650463 | 14.03 | 27.3476 | 6.07 | 14.08 | 27.0755 |
| 5.723125 | 14.43 | 28.9289 | 5.89662037 | 14.04 | 27.4305 | 6.07011574 | 14.1 | 27.1941 |
| 5.72324074 | 14.45 | 28.8051 | 5.89673611 | 14.06 | 27.5067 | 6.07023148 | 14.1 | 27.1719 |
| 5.72335648 | 14.45 | 28.7551 | 5.89685185 | 14.07 | 27.5678 | 6.07034722 | 14.1 | 27.1756 |
| 5.72347222 | 14.43 | 29.3165 | 5.89696759 | 14.04 | 27.4493 | 6.07046296 | 14.08 | 27.2193 |
| 5.72358796 | 14.43 | 28.7699 | 5.89708333 | 14.01 | 27.3431 | 6.0705787 | 14.07 | 26.9184 |
| 5.7237037 | 14.43 | 29.4377 | 5.89719907 | 14 | 27.272 | 6.07069444 | 14 | 26.5244 |
| 5.72381944 | 14.45 | 29.1769 | 5.89731482 | 13.99 | 27.2419 | 6.07081019 | 14.03 | 26.6449 |
| 5.72393519 | 14.43 | 29.1066 | 5.89743056 | 13.99 | 27.2308 | 6.07092593 | 14.04 | 26.8922 |
| 5.72405093 | 14.43 | 29.0387 | 5.8975463 | 13.97 | 27.2857 | 6.07104167 | 14.07 | 27.002 |
| 5.72416667 | 14.43 | 28.592 | 5.89766204 | 13.96 | 27.252 | 6.07115741 | 14.03 | 26.7589 |
| 5.72428241 | 14.43 | 28.6167 | 5.89777778 | 13.97 | 27.2969 | 6.07127315 | 13.99 | 26.2703 |
| 5.72439815 | 14.45 | 27.3328 | 5.89789352 | 13.97 | 27.2783 | 6.07138889 | 13.96 | 26.1128 |
| 5.72451389 | 14.45 | 28.1678 | 5.89800926 | 13.97 | 27.2672 | 6.07150463 | 14.01 | 26.5456 |
| 5.72462963 | 14.45 | 28.0246 | 5.898125 | 13.97 | 27.2783 | 6.07162037 | 13.96 | 26.1332 |
| 5.72474537 | 14.45 | 28.4504 | 5.89824074 | 13.97 | 27.282 | 6.07173611 | 14 | 26.6514 |
| 5.72486111 | 14.43 | 28.7408 | 5.89835648 | 13.96 | 27.2631 | 6.07185185 | 14 | 26.6727 |
| 5.72497685 | 14.43 | 28.5509 | 5.89847222 | 13.97 | 27.2932 | 6.07196759 | 14.03 | 26.7196 |
| 5.72509259 | 14.45 | 28.0722 | 5.89858796 | 13.97 | 27.3416 | 6.07208333 | 14 | 26.4159 |
| 5.72520833 | 14.45 | 26.2739 | 5.8987037 | 14 | 27.3913 | 6.07219907 | 13.94 | 26.0416 |
| 5.72532407 | 14.46 | 25.0958 | 5.89881944 | 14 | 27.4138 | 6.07231482 | 13.92 | 25.944 |
| 5.72543982 | 14.45 | 27.416 | 5.89893519 | 14.01 | 27.3992 | 6.07243056 | 13.96 | 26.3633 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72555556 | 14.45 | 28.7136 | 5.89905093 | 14.03 | 27.4488 | 6.0725463 | 14 | 26.7047 |
| 5.7256713 | 14.45 | 29.0619 | 5.89916667 | 14.01 | 27.4706 | 6.07266204 | 14.03 | 26.9463 |
| 5.72578704 | 14.43 | 29.2262 | 5.89928241 | 14 | 27.3315 | 6.07277778 | 13.96 | 26.1298 |
| 5.72590278 | 14.43 | 29.1364 | 5.89939815 | 14 | 27.3278 | 6.07289352 | 13.96 | 26.1912 |
| 5.72601852 | 14.45 | 28.426 | 5.89951389 | 14 | 27.298 | 6.07300926 | 13.96 | 26.2977 |
| 5.72613426 | 14.43 | 29.026 | 5.89962963 | 14.01 | 27.2835 | 6.073125 | 13.97 | 26.3357 |
| 5.72625 | 14.43 | 28.8158 | 5.89974537 | 14.03 | 27.21 | 6.07324074 | 13.96 | 26.2977 |
| 5.72636574 | 14.45 | 28.9814 | 5.89986111 | 14.04 | 27.0339 | 6.07335648 | 13.96 | 26.3356 |
| 5.72648148 | 14.45 | 27.1158 | 5.89997685 | 14.04 | 26.795 | 6.07347222 | 13.96 | 26.246 |
| 5.72659722 | 14.45 | 26.7098 | 5.90009259 | 14.06 | 26.6384 | 6.07358796 | 13.96 | 26.2563 |
| 5.72671296 | 14.45 | 27.6532 | 5.90020833 | 14.04 | 26.7127 | 6.0737037 | 13.94 | 26.2082 |
| 5.7268287 | 14.43 | 28.9247 | 5.90032407 | 14.06 | 26.7239 | 6.07381944 | 13.96 | 26.4992 |
| 5.72694444 | 14.43 | 29.0514 | 5.90043982 | 14.06 | 26.7525 | 6.07393519 | 14 | 26.6125 |
| 5.72706019 | 14.43 | 28.8033 | 5.90055556 | 14.07 | 26.893 | 6.07405093 | 13.97 | 26.3565 |
| 5.72717593 | 14.43 | 28.9079 | 5.9006713 | 14.07 | 26.9039 | 6.07416667 | 13.94 | 26.2116 |
| 5.72729167 | 14.45 | 28.801 | 5.90078704 | 14.07 | 26.9329 | 6.07428241 | 13.94 | 26.3044 |
| 5.72740741 | 14.45 | 28.8637 | 5.90090278 | 14.07 | 26.9801 | 6.07439815 | 13.96 | 26.3184 |
| 5.72752315 | 14.45 | 28.3489 | 5.90101852 | 14.07 | 26.9329 | 6.07451389 | 13.96 | 26.353 |
| 5.72763889 | 14.46 | 28.2166 | 5.90113426 | 14.07 | 27.0276 | 6.07462963 | 13.96 | 26.2908 |
| 5.72775463 | 14.45 | 29.0619 | 5.90125 | 14.07 | 27.0166 | 6.07474537 | 13.93 | 26.1706 |
| 5.72787037 | 14.46 | 28.0411 | 5.90136574 | 14.07 | 27.0495 | 6.07486111 | 13.93 | 26.0652 |
| 5.72798611 | 14.45 | 28.7884 | 5.90148148 | 14.06 | 27.0163 | 6.07497685 | 13.93 | 26.2218 |
| 5.72810185 | 14.43 | 29.0514 | 5.90159722 | 14.07 | 27.0385 | 6.07509259 | 13.94 | 26.2596 |
| 5.72821759 | 14.43 | 28.8995 | 5.90171296 | 14.07 | 27.0166 | 6.07520833 | 13.94 | 26.3113 |
| 5.72833333 | 14.45 | 27.871 | 5.9018287 | 14.06 | 27.0858 | 6.07532407 | 13.94 | 26.2768 |
| 5.72844907 | 14.49 | 24.8501 | 5.90194444 | 14.06 | 27.0346 | 6.07543982 | 13.94 | 26.2356 |
| 5.72856482 | 14.46 | 27.8286 | 5.90206019 | 14.06 | 27.0675 | 6.07555556 | 13.93 | 26.2013 |
| 5.72868056 | 14.45 | 28.2159 | 5.90217593 | 14.06 | 27.0528 | 6.0756713 | 13.93 | 26.1876 |
| 5.7287963 | 14.47 | 25.3331 | 5.90229167 | 14.06 | 27.0858 | 6.07578704 | 13.93 | 26.1876 |
| 5.72891204 | 14.47 | 27.4057 | 5.90240741 | 14.06 | 27.0565 | 6.07590278 | 13.94 | 26.2253 |
| 5.72902778 | 14.45 | 28.826 | 5.90252315 | 14.04 | 27.1292 | 6.07601852 | 13.94 | 26.2768 |
| 5.72914352 | 14.43 | 28.9079 | 5.90263889 | 14.04 | 27.1919 | 6.07613426 | 13.94 | 26.3147 |
| 5.72925926 | 14.45 | 28.1438 | 5.90275463 | 14.06 | 27.1705 | 6.07625 | 13.94 | 26.3147 |
| 5.729375 | 14.46 | 27.4622 | 5.90287037 | 14.04 | 27.2252 | 6.07636574 | 13.94 | 26.2493 |
| 5.72949074 | 14.45 | 28.8386 | 5.90298611 | 14.06 | 27.2 | 6.07648148 | 13.93 | 26.2493 |
| 5.72960648 | 14.45 | 28.5979 | 5.90310185 | 14.04 | 27.1919 | 6.07659722 | 13.93 | 26.263 |
| 5.72972222 | 14.47 | 25.8691 | 5.90321759 | 14.04 | 27.2141 | 6.07671296 | 13.94 | 26.2768 |
| 5.72983796 | 14.53 | 20.8813 | 5.90333333 | 14.04 | 27.2104 | 6.0768287 | 13.96 | 26.4363 |
| 5.7299537 | 14.46 | 28.4227 | 5.90344907 | 14.04 | 27.2141 | 6.07694444 | 13.93 | 26.239 |
| 5.73006944 | 14.5 | 23.3064 | 5.90356482 | 14.04 | 27.2289 | 6.07706019 | 13.92 | 26.2905 |
| 5.73018519 | 14.53 | 20.2458 | 5.90368056 | 14.06 | 27.3152 | 6.07717593 | 13.94 | 26.3113 |
| 5.73030093 | 14.56 | 19.8218 | 5.9037963 | 14.06 | 27.3338 | 6.07729167 | 13.93 | 26.2836 |
| 5.73041667 | 14.56 | 19.9164 | 5.90391204 | 14.07 | 27.5451 | 6.07740741 | 13.96 | 26.6082 |
| 5.73053241 | 14.54 | 21.5011 | 5.90402778 | 14.06 | 27.4727 | 6.07752315 | 14.03 | 27.1142 |
| 5.73064815 | 14.54 | 21.7373 | 5.90414352 | 14.06 | 27.4841 | 6.07763889 | 14.03 | 27.0409 |
| 5.73076389 | 14.56 | 20.468 | 5.90425926 | 14.04 | 27.5058 | 6.07775463 | 14.01 | 26.8914 |
| 5.73087963 | 14.52 | 26.3455 | 5.904375 | 14.04 | 27.5134 | 6.07787037 | 13.96 | 26.405 |
| 5.73099537 | 14.53 | 22.3318 | 5.90449074 | 14.04 | 27.5513 | 6.07798611 | 13.97 | 26.6828 |
| 5.73111111 | 14.53 | 21.8206 | 5.90460648 | 14.04 | 27.4945 | 6.07810185 | 14.01 | 27.0002 |
| 5.73122685 | 14.46 | 28.0411 | 5.90472222 | 14.04 | 27.4983 | 6.07821759 | 14.01 | 26.7728 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73134259 | 14.5 | 25.0384 | 5.90483796 | 14.03 | 27.4601 | 6.07833333 | 14 | 26.7511 |
| 5.73145833 | 14.53 | 22.174 | 5.9049537 | 14.03 | 27.4639 | 6.07844907 | 13.99 | 26.6867 |
| 5.73157407 | 14.5 | 25.9509 | 5.90506944 | 14.03 | 27.4451 | 6.07856482 | 14.01 | 26.895 |
| 5.73168982 | 14.53 | 23.2722 | 5.90518519 | 14.03 | 27.4714 | 6.07868056 | 14 | 26.6834 |
| 5.73180556 | 14.54 | 21.3511 | 5.90530093 | 14.04 | 27.4643 | 6.0787963 | 14.03 | 26.9935 |
| 5.7319213 | 14.56 | 20.6719 | 5.90541667 | 14.03 | 27.4639 | 6.07891204 | 14.03 | 26.9463 |
| 5.73203704 | 14.57 | 20.5517 | 5.90553241 | 14.03 | 27.4639 | 6.07902778 | 14.01 | 26.7656 |
| 5.73215278 | 14.57 | 20.8449 | 5.90564815 | 14.03 | 27.4865 | 6.07914352 | 14.01 | 26.8194 |
| 5.73226852 | 14.5 | 26.9665 | 5.90576389 | 14.04 | 27.4267 | 6.07925926 | 13.99 | 26.584 |
| 5.73238426 | 14.53 | 22.5275 | 5.90587963 | 14.03 | 27.3888 | 6.079375 | 13.97 | 26.5239 |
| 5.7325 | 14.52 | 24.9719 | 5.90599537 | 14.03 | 27.3513 | 6.07949074 | 13.97 | 26.5485 |
| 5.73261574 | 14.56 | 20.5757 | 5.90611111 | 14.03 | 27.3738 | 6.07960648 | 13.94 | 26.3839 |
| 5.73273148 | 14.57 | 19.546 | 5.90622685 | 14.01 | 27.4367 | 6.07972222 | 13.93 | 26.2184 |
| 5.73284722 | 14.57 | 19.6416 | 5.90634259 | 14.03 | 27.4037 | 6.07983796 | 13.9 | 26.1194 |
| 5.73296296 | 14.52 | 25.7552 | 5.90645833 | 14.03 | 27.3738 | 6.0799537 | 13.81 | 25.1546 |
| 5.7330787 | 14.53 | 22.8724 | 5.90657407 | 14.01 | 27.4179 | 6.08006944 | 13.79 | 24.9841 |
| 5.73319444 | 14.56 | 20.9796 | 5.90668982 | 14.03 | 27.3439 | 6.08018519 | 13.82 | 25.3567 |
| 5.73331019 | 14.54 | 22.5725 | 5.90680556 | 14.03 | 27.3551 | 6.08030093 | 13.82 | 25.3727 |
| 5.73342593 | 14.53 | 23.0385 | 5.9069213 | 14.03 | 27.3439 | 6.08041667 | 13.82 | 25.4399 |
| 5.73354167 | 14.52 | 23.2673 | 5.90703704 | 14.01 | 27.3618 | 6.08053241 | 13.82 | 25.4624 |
| 5.73365741 | 14.56 | 19.967 | 5.90715278 | 14.01 | 27.3468 | 6.08064815 | 13.85 | 25.6239 |
| 5.73377315 | 14.52 | 23.858 | 5.90726852 | 14.01 | 27.358 | 6.08076389 | 13.86 | 25.778 |
| 5.73388889 | 14.5 | 24.8282 | 5.90738426 | 14.01 | 27.3505 | 6.08087963 | 13.86 | 25.7417 |
| 5.73400463 | 14.5 | 23.5764 | 5.9075 | 14.01 | 27.3207 | 6.08099537 | 13.88 | 25.884 |
| 5.73412037 | 14.5 | 23.9796 | 5.90761574 | 14.01 | 27.3207 | 6.08111111 | 13.89 | 25.8773 |
| 5.73423611 | 14.5 | 23.435 | 5.90773148 | 14 | 27.298 | 6.08122685 | 13.88 | 25.8374 |
| 5.73435185 | 14.5 | 23.5291 | 5.90784722 | 14 | 27.2868 | 6.08134259 | 13.86 | 25.8541 |
| 5.73446759 | 14.49 | 24.377 | 5.90796296 | 14.01 | 27.3132 | 6.08145833 | 13.85 | 25.7319 |
| 5.73458333 | 14.49 | 24.44 | 5.9080787 | 14 | 27.3091 | 6.08157407 | 13.82 | 25.5204 |
| 5.73469907 | 14.47 | 24.604 | 5.90819444 | 14 | 27.2794 | 6.08168982 | 13.82 | 25.472 |
| 5.73481482 | 14.49 | 24.5761 | 5.90831019 | 14 | 27.2571 | 6.08180556 | 13.82 | 25.4399 |
| 5.73493056 | 14.49 | 26.043 | 5.90842593 | 14 | 27.2497 | 6.0819213 | 13.81 | 25.4369 |
| 5.7350463 | 14.47 | 27.4171 | 5.90854167 | 13.99 | 27.2568 | 6.08203704 | 13.82 | 25.4785 |
| 5.73516204 | 14.47 | 27.0907 | 5.90865741 | 13.99 | 27.2271 | 6.08215278 | 13.81 | 25.4529 |
| 5.73527778 | 14.47 | 24.5949 | 5.90877315 | 14 | 27.2312 | 6.08226852 | 13.82 | 25.5301 |
| 5.73539352 | 14.52 | 22.1577 | 5.90888889 | 14 | 27.209 | 6.08238426 | 13.82 | 25.556 |
| 5.73550926 | 14.5 | 25.6681 | 5.90900463 | 14 | 27.2016 | 6.0825 | 13.83 | 25.5559 |
| 5.735625 | 14.47 | 26.7864 | 5.90912037 | 13.99 | 27.1681 | 6.08261574 | 13.86 | 25.8608 |
| 5.73574074 | 14.49 | 25.1817 | 5.90923611 | 14 | 27.1721 | 6.08273148 | 13.86 | 25.8808 |
| 5.73585648 | 14.57 | 19.8571 | 5.90935185 | 14 | 27.2016 | 6.08284722 | 13.85 | 25.6565 |
| 5.73597222 | 14.57 | 20.3706 | 5.90946759 | 14 | 27.2127 | 6.08296296 | 13.83 | 25.6404 |
| 5.73608796 | 14.53 | 23.0891 | 5.90958333 | 14 | 27.1721 | 6.0830787 | 13.82 | 25.514 |
| 5.7362037 | 14.56 | 21.2572 | 5.90969907 | 13.99 | 27.2013 | 6.08319444 | 13.82 | 25.472 |
| 5.73631944 | 14.57 | 19.218 | 5.90981482 | 14 | 27.1647 | 6.08331019 | 13.88 | 25.8673 |
| 5.73643519 | 14.57 | 18.5982 | 5.90993056 | 14 | 27.1721 | 6.08342593 | 13.93 | 26.4534 |
| 5.73655093 | 14.59 | 18.1243 | 5.9100463 | 13.99 | 27.1791 | 6.08354167 | 13.9 | 26.1704 |
| 5.73666667 | 14.59 | 18.2435 | 5.91016204 | 13.99 | 27.1681 | 6.08365741 | 13.86 | 25.7516 |
| 5.73678241 | 14.59 | 18.3544 | 5.91027778 | 14 | 27.1905 | 6.08377315 | 13.79 | 25.1991 |
| 5.73689815 | 14.59 | 18.0129 | 5.91039352 | 14 | 27.2201 | 6.08388889 | 13.81 | 25.3474 |
| 5.73701389 | 14.59 | 17.7017 | 5.91050926 | 14 | 27.2497 | 6.08400463 | 13.82 | 25.5366 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73712963 | 14.6 | 17.9061 | 5.910625 | 14.01 | 27.3393 | 6.08412037 | 13.9 | 26.5405 |
| 5.73724537 | 14.59 | 17.2429 | 5.91074074 | 14.01 | 27.3095 | 6.08423611 | 13.89 | 26.0146 |
| 5.73736111 | 14.59 | 18.817 | 5.91085648 | 14.01 | 27.2315 | 6.08435185 | 13.85 | 25.6925 |
| 5.73747685 | 14.57 | 18.9116 | 5.91097222 | 13.99 | 27.2197 | 6.08446759 | 13.83 | 25.5623 |
| 5.73759259 | 14.57 | 18.8595 | 5.91108796 | 14 | 27.1795 | 6.08458333 | 13.83 | 25.7223 |
| 5.73770833 | 14.59 | 15.7309 | 5.9112037 | 14 | 27.2275 | 6.08469907 | 13.81 | 25.4209 |
| 5.73782407 | 14.54 | 21.9482 | 5.91131944 | 14 | 27.2275 | 6.08481482 | 13.79 | 25.4244 |
| 5.73793982 | 14.53 | 23.6506 | 5.91143519 | 13.99 | 27.216 | 6.08493056 | 13.79 | 25.3128 |
| 5.73805556 | 14.52 | 24.3224 | 5.91155093 | 14 | 27.209 | 6.0850463 | 13.81 | 25.3729 |
| 5.7381713 | 14.5 | 25.5389 | 5.91166667 | 13.99 | 27.1976 | 6.08516204 | 13.78 | 25.2119 |
| 5.73828704 | 14.49 | 26.2052 | 5.91178241 | 13.99 | 27.2049 | 6.08527778 | 13.81 | 25.4851 |
| 5.73840278 | 14.49 | 27.2371 | 5.91189815 | 13.99 | 27.157 | 6.08539352 | 13.79 | 25.3765 |
| 5.73851852 | 14.49 | 27.5979 | 5.91201389 | 13.99 | 27.1791 | 6.08550926 | 13.82 | 25.6145 |
| 5.73863426 | 14.5 | 21.9539 | 5.91212963 | 13.97 | 27.1932 | 6.085625 | 13.83 | 25.6633 |
| 5.73875 | 14.52 | 16.7149 | 5.91224537 | 13.97 | 27.1417 | 6.08574074 | 13.81 | 25.5951 |
| 5.73886574 | 14.52 | 20.4172 | 5.91236111 | 13.97 | 27.1527 | 6.08585648 | 13.82 | 25.6699 |
| 5.73898148 | 14.52 | 22.4701 | 5.91247685 | 13.99 | 27.1497 | 6.08597222 | 13.82 | 25.6112 |
| 5.73909722 | 14.49 | 25.3492 | 5.91259259 | 13.97 | 27.0976 | 6.08608796 | 13.85 | 25.9978 |
| 5.73921296 | 14.5 | 24.1544 | 5.91270833 | 13.96 | 27.0717 | 6.0862037 | 13.85 | 25.7748 |
| 5.7393287 | 14.49 | 22.9932 | 5.91282407 | 13.97 | 27.0282 | 6.08631944 | 13.83 | 25.7223 |
| 5.73944444 | 14.49 | 27.6905 | 5.91293982 | 13.97 | 27.0574 | 6.08643519 | 13.82 | 25.6047 |
| 5.73956019 | 14.5 | 21.0796 | 5.91305556 | 13.96 | 27.0571 | 6.08655093 | 13.82 | 25.5528 |
| 5.73967593 | 14.53 | 19.2358 | 5.9131713 | 13.96 | 27.0681 | 6.08666667 | 13.82 | 25.5301 |
| 5.73979167 | 14.54 | 20.4231 | 5.91328704 | 13.96 | 27.0571 | 6.08678241 | 13.83 | 25.6469 |
| 5.73990741 | 14.53 | 18.994 | 5.91340278 | 13.96 | 27.0717 | 6.08689815 | 13.83 | 25.6829 |
| 5.74002315 | 14.5 | 12.1066 | 5.91351852 | 13.97 | 27.0866 | 6.08701389 | 13.85 | 25.8111 |
| 5.74013889 | 14.5 | 24.2192 | 5.91363426 | 13.97 | 27.0976 | 6.08712963 | 13.83 | 25.6372 |
| 5.74025463 | 14.49 | 24.0612 | 5.91375 | 13.96 | 27.0571 | 6.08724537 | 13.83 | 25.6469 |
| 5.74037037 | 14.49 | 25.506 | 5.91386574 | 13.96 | 27.0571 | 6.08736111 | 13.82 | 25.7027 |
| 5.74048611 | 14.49 | 24.443 | 5.91398148 | 13.96 | 27.0206 | 6.08747685 | 13.82 | 25.621 |
| 5.74060185 | 14.5 | 14.0378 | 5.91409722 | 13.96 | 26.9734 | 6.08759259 | 13.82 | 25.6308 |
| 5.74071759 | 14.49 | 25.4994 | 5.91421296 | 13.96 | 26.9407 | 6.08770833 | 13.82 | 25.5885 |
| 5.74083333 | 14.47 | 28.6947 | 5.9143287 | 13.96 | 26.9661 | 6.08782407 | 13.82 | 25.6145 |
| 5.74094907 | 14.49 | 25.8897 | 5.91444444 | 13.96 | 26.9879 | 6.08793982 | 13.82 | 25.6896 |
| 5.74106482 | 14.49 | 25.4241 | 5.91456019 | 13.96 | 27.0097 | 6.08805556 | 13.82 | 25.6798 |
| 5.74118056 | 14.5 | 19.6411 | 5.91467593 | 13.96 | 26.9843 | 6.0881713 | 13.83 | 25.696 |
| 5.7412963 | 14.5 | 22.459 | 5.91479167 | 13.96 | 27.017 | 6.08828704 | 13.83 | 25.7321 |
| 5.74141204 | 14.5 | 23.4764 | 5.91490741 | 13.96 | 27.017 | 6.08840278 | 13.83 | 25.7124 |
| 5.74152778 | 14.5 | 25.7785 | 5.91502315 | 13.97 | 26.9845 | 6.08851852 | 13.83 | 25.7552 |
| 5.74164352 | 14.52 | 18.856 | 5.91513889 | 13.96 | 26.9988 | 6.08863426 | 13.83 | 25.7387 |
| 5.74175926 | 14.5 | 23.2928 | 5.91525463 | 13.96 | 26.9879 | 6.08875 | 13.83 | 25.7552 |
| 5.741875 | 14.49 | 27.1922 | 5.91537037 | 13.97 | 27.01 | 6.08886574 | 13.85 | 25.8277 |
| 5.74199074 | 14.49 | 25.8727 | 5.91548611 | 13.97 | 27.01 | 6.08898148 | 13.83 | 25.8245 |
| 5.74210648 | 14.5 | 20.0526 | 5.91560185 | 13.96 | 27.0279 | 6.08909722 | 13.81 | 25.693 |
| 5.74222222 | 14.52 | 16.3103 | 5.91571759 | 13.97 | 27.0027 | 6.08921296 | 13.82 | 25.7454 |
| 5.74233796 | 14.49 | 26.6142 | 5.91583333 | 13.97 | 27.0136 | 6.0893287 | 13.86 | 26.0652 |
| 5.7424537 | 14.49 | 27.0694 | 5.91594907 | 13.96 | 26.9879 | 6.08944444 | 13.86 | 26.0517 |
| 5.74256944 | 14.49 | 25.4896 | 5.91606482 | 13.96 | 26.9552 | 6.08956019 | 13.88 | 26.099 |
| 5.74268519 | 14.52 | 19.2336 | 5.91618056 | 13.96 | 26.901 | 6.08967593 | 13.9 | 26.2354 |
| 5.74280093 | 14.52 | 22.5968 | 5.9162963 | 13.96 | 26.9227 | | | |

DrEx 110

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.57365741 | 15.14 | 3.6697 | 5.76127315 | 14.33 | 27.5392 | 5.94877315 | 13.36 | 8.4644 |
| 5.57377315 | 15.15 | 3.2115 | 5.76138889 | 14.31 | 26.5954 | 5.94888889 | 13.38 | 8.5042 |
| 5.57388889 | 15.14 | 3.6341 | 5.76150463 | 14.31 | 25.5207 | 5.94900463 | 13.38 | 8.5225 |
| 5.57400463 | 15.08 | 5.541 | 5.76162037 | 14.3 | 1.5238 | 5.94912037 | 13.38 | 8.5704 |
| 5.57412037 | 14.91 | 12.8377 | 5.76173611 | 14.21 | 2.2301 | 5.94923611 | 13.38 | 8.5957 |
| 5.57423611 | 14.78 | 17.2089 | 5.76185185 | 14.19 | 2.2843 | 5.94935185 | 13.38 | 8.4878 |
| 5.57435185 | 14.9 | 12.5649 | 5.76196759 | 14.2 | 11.7793 | 5.94946759 | 13.36 | 8.4714 |
| 5.57446759 | 14.78 | 16.9468 | 5.76208333 | 14.33 | 28.4712 | 5.94958333 | 13.39 | 8.8044 |
| 5.57458333 | 14.91 | 9.89 | 5.76219907 | 14.26 | 8.6373 | 5.94969907 | 13.38 | 8.5355 |
| 5.57469907 | 14.91 | 10.4289 | 5.76231482 | 14.27 | 0.4528 | 5.94981482 | 13.38 | 8.5817 |
| 5.57481482 | 14.67 | 24.0165 | 5.76243056 | 14.29 | 17.8674 | 5.94993056 | 13.38 | 8.6245 |
| 5.57493056 | 14.54 | 27.9351 | 5.7625463 | 14.3 | 20.5197 | 5.9500463 | 13.38 | 8.5608 |
| 5.5750463 | 14.57 | 25.5093 | 5.76266204 | 14.33 | 25.5322 | 5.95016204 | 13.39 | 8.6845 |
| 5.57516204 | 14.5 | 29.949 | 5.76277778 | 14.31 | 21.4532 | 5.95027778 | 13.39 | 8.7408 |
| 5.57527778 | 14.54 | 27.5619 | 5.76289352 | 14.3 | 17.1643 | 5.95039352 | 13.41 | 8.7354 |
| 5.57539352 | 14.68 | 19.3813 | 5.76300926 | 14.31 | 22.6011 | 5.95050926 | 13.41 | 8.8096 |
| 5.57550926 | 14.6 | 24.1549 | 5.763125 | 14.26 | 9.0616 | 5.950625 | 13.42 | 8.8312 |
| 5.575625 | 14.58 | 26.5944 | 5.76324074 | 14.23 | 8.3747 | 5.95074074 | 13.41 | 8.7354 |
| 5.57574074 | 14.44 | 30.4192 | 5.76335648 | 14.24 | 8.1217 | 5.95085648 | 13.41 | 8.6756 |
| 5.57585648 | 14.46 | 28.8399 | 5.76347222 | 14.21 | 8.2035 | 5.95097222 | 13.43 | 9.0925 |
| 5.57597222 | 14.77 | 11.9582 | 5.76358796 | 14.24 | 7.7974 | 5.95108796 | 13.42 | 8.8898 |
| 5.57608796 | 14.6 | 25.1712 | 5.7637037 | 14.27 | 12.592 | 5.9512037 | 13.39 | 8.7956 |
| 5.5762037 | 14.64 | 21.4944 | 5.76381944 | 14.33 | 25.8828 | 5.95131944 | 13.38 | 8.7634 |
| 5.57631944 | 14.74 | 17.2702 | 5.76393519 | 14.34 | 27.2259 | 5.95143519 | 13.39 | 8.8168 |
| 5.57643519 | 14.8 | 12.614 | 5.76405093 | 14.34 | 27.8032 | 5.95155093 | 13.39 | 8.8923 |
| 5.57655093 | 14.7 | 17.7096 | 5.76416667 | 14.34 | 28.0624 | 5.95166667 | 13.38 | 8.7961 |
| 5.57666667 | 14.74 | 16.2931 | 5.76428241 | 14.34 | 27.2858 | 5.95178241 | 13.36 | 8.7883 |
| 5.57678241 | 14.56 | 27.1837 | 5.76439815 | 14.34 | 27.581 | 5.95189815 | 13.35 | 8.7853 |
| 5.57689815 | 14.65 | 19.319 | 5.76451389 | 14.34 | 27.4024 | 5.95201389 | 13.36 | 8.8104 |
| 5.57701389 | 14.57 | 21.0421 | 5.76462963 | 14.33 | 26.5969 | 5.95212963 | 13.38 | 8.8333 |
| 5.57712963 | 14.74 | 17.3729 | 5.76474537 | 14.34 | 27.1622 | 5.95224537 | 13.35 | 8.8535 |
| 5.57724537 | 14.7 | 18.6902 | 5.76486111 | 14.34 | 26.6858 | 5.95236111 | 13.35 | 8.8758 |
| 5.57736111 | 14.77 | 17.6373 | 5.76497685 | 14.34 | 27.4833 | 5.95247685 | 13.35 | 8.8678 |
| 5.57747685 | 14.57 | 26.23 | 5.76509259 | 14.36 | 27.3359 | 5.95259259 | 13.33 | 8.8368 |
| 5.57759259 | 14.54 | 27.4924 | 5.76520833 | 14.36 | 28.1834 | 5.95270833 | 13.33 | 8.9027 |
| 5.57770833 | 14.78 | 13.4901 | 5.76532407 | 14.34 | 28.8315 | 5.95282407 | 13.35 | 8.9382 |
| 5.57782407 | 14.74 | 17.3581 | 5.76543982 | 14.34 | 29.1941 | 5.95293982 | 13.35 | 9.0673 |
| 5.57793982 | 14.58 | 24.1005 | 5.76555556 | 14.34 | 27.1186 | 5.95305556 | 13.33 | 8.9419 |
| 5.57805556 | 14.61 | 24.2255 | 5.7656713 | 14.31 | 20.1251 | 5.9531713 | 13.35 | 8.9444 |
| 5.5781713 | 14.5 | 29.949 | 5.76578704 | 14.34 | 27.5239 | 5.95328704 | 13.32 | 8.8569 |
| 5.57828704 | 14.58 | 24.0371 | 5.76590278 | 14.34 | 27.6014 | 5.95340278 | 13.33 | 8.8484 |
| 5.57840278 | 14.46 | 30.8628 | 5.76601852 | 14.36 | 27.9053 | 5.95351852 | 13.33 | 8.7952 |
| 5.57851852 | 14.44 | 29.8625 | 5.76613426 | 14.34 | 29.0993 | 5.95363426 | 13.32 | 8.7559 |
| 5.57863426 | 14.46 | 29.5015 | 5.76625 | 14.34 | 29.0544 | 5.95375 | 13.33 | 8.7051 |
| 5.57875 | 14.6 | 22.3158 | 5.76636574 | 14.34 | 28.8448 | 5.95386574 | 13.35 | 9.2237 |
| 5.57886574 | 14.53 | 26.9039 | 5.76648148 | 14.34 | 27.949 | 5.95398148 | 13.35 | 8.9757 |
| 5.57898148 | 14.57 | 25.5057 | 5.76659722 | 14.34 | 27.9155 | 5.95409722 | 13.35 | 8.9025 |
| 5.57909722 | 14.6 | 23.7842 | 5.76671296 | 14.34 | 28.0035 | 5.95421296 | 13.35 | 8.6199 |
| 5.57921296 | 14.58 | 24.2988 | 5.7668287 | 14.34 | 28.1681 | 5.9543287 | 13.33 | 8.1794 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5793287 | 14.58 | 24.507 | 5.76694444 | 14.34 | 27.8738 | 5.95444444 | 13.33 | 8.2194 |
| 5.57944444 | 14.54 | 24.9223 | 5.76706019 | 14.34 | 28.2362 | 5.95456019 | 13.35 | 8.3553 |
| 5.57956019 | 14.64 | 21.5121 | 5.76717593 | 14.36 | 28.3758 | 5.95467593 | 13.33 | 8.2799 |
| 5.57967593 | 14.6 | 24.0469 | 5.76729167 | 14.36 | 28.4492 | 5.95479167 | 13.33 | 8.0501 |
| 5.57979167 | 14.57 | 25.3157 | 5.76740741 | 14.36 | 28.3414 | 5.95490741 | 13.33 | 8.4477 |
| 5.57990741 | 14.58 | 24.8664 | 5.76752315 | 14.36 | 28.406 | 5.95502315 | 13.35 | 8.7977 |
| 5.58002315 | 14.63 | 23.3797 | 5.76763889 | 14.36 | 28.5185 | 5.95513889 | 13.33 | 8.0233 |
| 5.58013889 | 14.58 | 24.0783 | 5.76775463 | 14.34 | 28.6466 | 5.95525463 | 13.33 | 8.3348 |
| 5.58025463 | 14.61 | 23.698 | 5.76787037 | 14.34 | 28.7168 | 5.95537037 | 13.35 | 8.4805 |
| 5.58037037 | 14.8 | 14.4811 | 5.76798611 | 14.34 | 28.6597 | 5.95548611 | 13.56 | 11.6002 |
| 5.58048611 | 14.64 | 21.7085 | 5.76810185 | 14.36 | 28.61 | 5.95560185 | 13.43 | 9.3081 |
| 5.58060185 | 14.61 | 23.5393 | 5.76821759 | 14.34 | 28.9515 | 5.95571759 | 13.49 | 10.3277 |
| 5.58071759 | 14.61 | 23.1079 | 5.76833333 | 14.34 | 29.0051 | 5.95583333 | 13.66 | 12.807 |
| 5.58083333 | 14.63 | 22.0754 | 5.76844907 | 14.34 | 28.8403 | 5.95594907 | 13.82 | 14.3927 |
| 5.58094907 | 14.71 | 17.8887 | 5.76856482 | 14.34 | 28.7608 | 5.95606482 | 13.6 | 10.8506 |
| 5.58106482 | 14.7 | 19.402 | 5.76868056 | 14.34 | 28.7388 | 5.95618056 | 13.45 | 9.3544 |
| 5.58118056 | 14.68 | 20.1691 | 5.7687963 | 14.36 | 28.746 | 5.9562963 | 13.49 | 10.2941 |
| 5.5812963 | 14.54 | 27.1657 | 5.76891204 | 14.36 | 28.768 | 5.95641204 | 13.41 | 9.4743 |
| 5.58141204 | 14.65 | 21.2079 | 5.76902778 | 14.33 | 28.5406 | 5.95652778 | 13.43 | 9.5875 |
| 5.58152778 | 14.63 | 21.7734 | 5.76914352 | 14.36 | 28.746 | 5.95664352 | 13.39 | 9.2186 |
| 5.58164352 | 14.77 | 14.5216 | 5.76925926 | 14.34 | 28.4422 | 5.95675926 | 13.38 | 9.2128 |
| 5.58175926 | 14.54 | 26.6178 | 5.769375 | 14.34 | 28.8669 | 5.956875 | 13.36 | 9.2458 |
| 5.581875 | 14.48 | 28.3356 | 5.76949074 | 14.36 | 28.562 | 5.95699074 | 13.38 | 9.4219 |
| 5.58199074 | 14.58 | 23.1169 | 5.76960648 | 14.36 | 28.7813 | 5.95710648 | 13.35 | 9.3093 |
| 5.58210648 | 14.46 | 29.6594 | 5.76972222 | 14.34 | 29.0006 | 5.95722222 | 13.32 | 9.1556 |
| 5.58222222 | 14.68 | 16.998 | 5.76983796 | 14.34 | 28.9559 | 5.95733796 | 13.32 | 9.2363 |
| 5.58233796 | 14.75 | 15.076 | 5.7699537 | 14.34 | 29.0409 | 5.9574537 | 13.29 | 9.0266 |
| 5.5824537 | 14.68 | 19.4181 | 5.77006944 | 14.34 | 28.9425 | 5.95756944 | 13.29 | 8.9459 |
| 5.58256944 | 14.48 | 28.5522 | 5.77018519 | 14.34 | 28.8847 | 5.95768519 | 13.29 | 9.1076 |
| 5.58268519 | 14.64 | 19.0136 | 5.77030093 | 14.34 | 28.4855 | 5.95780093 | 13.33 | 9.2521 |
| 5.58280093 | 14.73 | 16.2667 | 5.77041667 | 14.36 | 28.8166 | 5.95791667 | 13.35 | 9.3458 |
| 5.58291667 | 14.57 | 24.8896 | 5.77053241 | 14.26 | 9.4767 | 5.95803241 | 13.32 | 9.2282 |
| 5.58303241 | 14.65 | 20.3679 | 5.77064815 | 14.3 | 23.7918 | 5.95814815 | 13.36 | 9.3562 |
| 5.58314815 | 14.58 | 24.1865 | 5.77076389 | 14.29 | 21.9225 | 5.95826389 | 13.33 | 9.1189 |
| 5.58326389 | 14.65 | 20.7006 | 5.77087963 | 14.27 | 14.0513 | 5.95837963 | 13.33 | 9.1397 |
| 5.58337963 | 14.58 | 23.4607 | 5.77099537 | 14.24 | 9.3245 | 5.95849537 | 13.35 | 9.088 |
| 5.58349537 | 14.63 | 21.7398 | 5.77111111 | 14.26 | 12.134 | 5.95861111 | 13.39 | 9.6244 |
| 5.58361111 | 14.71 | 16.8169 | 5.77122685 | 14.3 | 19.0838 | 5.95872685 | 13.36 | 8.8984 |
| 5.58372685 | 14.74 | 16.7564 | 5.77134259 | 14.3 | 16.5309 | 5.95884259 | 13.35 | 8.9739 |
| 5.58384259 | 14.75 | 16.2977 | 5.77145833 | 14.33 | 27.7153 | 5.95895833 | 13.42 | 10.0977 |
| 5.58395833 | 14.63 | 21.8227 | 5.77157407 | 14.3 | 16.6368 | 5.95907407 | 13.38 | 9.2047 |
| 5.58407407 | 14.58 | 23.924 | 5.77168982 | 14.26 | 13.4698 | 5.95918982 | 13.41 | 9.8584 |
| 5.58418982 | 14.48 | 29.5094 | 5.77180556 | 14.24 | 13.2661 | 5.95930556 | 13.41 | 7.9131 |
| 5.58430556 | 14.65 | 19.4227 | 5.7719213 | 14.27 | 14.492 | 5.9594213 | 13.53 | 11.3295 |
| 5.5844213 | 14.4 | 31.3109 | 5.77203704 | 14.26 | 18.6735 | 5.95953704 | 13.51 | 11.2781 |
| 5.58453704 | 14.36 | 32.4036 | 5.77215278 | 14.3 | 24.6807 | 5.95965278 | 13.39 | 8.8443 |
| 5.58465278 | 14.37 | 31.9767 | 5.77226852 | 14.33 | 29.2697 | 5.95976852 | 13.39 | 9.2331 |
| 5.58476852 | 14.5 | 25.3647 | 5.77238426 | 14.3 | 21.6523 | 5.95988426 | 13.39 | 8.732 |
| 5.58488426 | 14.37 | 31.6245 | 5.7725 | 14.31 | 25.6589 | 5.96 | 13.38 | 9.0458 |
| 5.585 | 14.57 | 25.5625 | 5.77261574 | 14.31 | 25.1247 | 5.96011574 | 13.38 | 8.6307 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58511574 | 14.36 | 31.8369 | 5.77273148 | 14.33 | 28.0696 | 5.96023148 | 13.43 | 9.6905 |
| 5.58523148 | 14.47 | 26.1335 | 5.77284722 | 14.34 | 29.176 | 5.96034722 | 13.39 | 9.0084 |
| 5.58534722 | 14.4 | 30.9708 | 5.77296296 | 14.34 | 29.0679 | 5.96046296 | 13.41 | 9.3641 |
| 5.58546296 | 14.37 | 32.0512 | 5.7730787 | 14.34 | 28.0877 | 5.9605787 | 13.41 | 8.6958 |
| 5.5855787 | 14.34 | 32.5456 | 5.77319444 | 14.33 | 27.4539 | 5.96069444 | 13.42 | 9.4066 |
| 5.58569444 | 14.36 | 32.4253 | 5.77331019 | 14.33 | 27.527 | 5.96081019 | 13.48 | 9.8348 |
| 5.58581019 | 14.34 | 32.2905 | 5.77342593 | 14.33 | 27.7938 | 5.96092593 | 13.46 | 9.3931 |
| 5.58592593 | 14.34 | 32.2474 | 5.77354167 | 14.33 | 27.6413 | 5.96104167 | 13.48 | 10.0166 |
| 5.58604167 | 14.39 | 30.1247 | 5.77365741 | 14.33 | 27.6331 | 5.96115741 | 13.53 | 11.202 |
| 5.58615741 | 14.4 | 30.7162 | 5.77377315 | 14.33 | 27.6249 | 5.96127315 | 13.52 | 10.6311 |
| 5.58627315 | 14.36 | 32.1021 | 5.77388889 | 14.33 | 28.1034 | 5.96138889 | 13.55 | 11.4437 |
| 5.58638889 | 14.36 | 31.8844 | 5.77400463 | 14.33 | 28.0738 | 5.96150463 | 13.58 | 12.1951 |
| 5.58650463 | 14.37 | 31.4586 | 5.77412037 | 14.33 | 27.7896 | 5.96162037 | 13.59 | 11.8743 |
| 5.58662037 | 14.39 | 31.0696 | 5.77423611 | 14.34 | 27.9114 | 5.96173611 | 13.62 | 12.6324 |
| 5.58673611 | 14.39 | 30.5515 | 5.77435185 | 14.33 | 28.4107 | 5.96185185 | 13.62 | 12.7186 |
| 5.58685185 | 14.46 | 27.1937 | 5.77446759 | 14.33 | 27.3772 | 5.96196759 | 13.65 | 12.8887 |
| 5.58696759 | 14.41 | 29.9519 | 5.77458333 | 14.33 | 26.6007 | 5.96208333 | 13.62 | 12.9031 |
| 5.58708333 | 14.4 | 30.6371 | 5.77469907 | 14.33 | 28.9411 | 5.96219907 | 13.65 | 13.1158 |
| 5.58719907 | 14.39 | 30.8485 | 5.77481482 | 14.34 | 29.0948 | 5.96231482 | 13.66 | 13.2365 |
| 5.58731482 | 14.39 | 31.4785 | 5.77493056 | 14.33 | 28.8301 | 5.96243056 | 13.8 | 14.4546 |
| 5.58743056 | 14.39 | 31.0241 | 5.7750463 | 14.33 | 27.8021 | 5.9625463 | 13.77 | 13.8262 |
| 5.5875463 | 14.41 | 29.128 | 5.77516204 | 14.34 | 28.8359 | 5.96266204 | 13.8 | 14.017 |
| 5.58766204 | 14.43 | 29.3952 | 5.77527778 | 14.34 | 28.3131 | 5.96277778 | 13.86 | 14.8524 |
| 5.58777778 | 14.41 | 30.8027 | 5.77539352 | 14.34 | 27.9281 | 5.96289352 | 13.87 | 14.9695 |
| 5.58789352 | 14.4 | 31.0818 | 5.77550926 | 14.34 | 27.7577 | 5.96300926 | 13.8 | 13.6534 |
| 5.58800926 | 14.39 | 30.9839 | 5.775625 | 14.31 | 23.9309 | 5.963125 | 13.85 | 14.8738 |
| 5.588125 | 14.4 | 30.5387 | 5.77574074 | 14.34 | 28.3217 | 5.96324074 | 13.87 | 15.6164 |
| 5.58824074 | 14.4 | 30.8057 | 5.77585648 | 14.33 | 28.5362 | 5.96335648 | 13.66 | 11.3004 |
| 5.58835648 | 14.4 | 30.5534 | 5.77597222 | 14.33 | 28.0359 | 5.96347222 | 13.59 | 9.6717 |
| 5.58847222 | 14.4 | 30.3338 | 5.77608796 | 14.34 | 28.4422 | 5.96358796 | 13.72 | 13.333 |
| 5.58858796 | 14.46 | 28.7249 | 5.7762037 | 14.33 | 28.3419 | 5.9637037 | 13.72 | 12.9383 |
| 5.5887037 | 14.44 | 29.6607 | 5.77631944 | 14.34 | 28.6992 | 5.96381944 | 13.8 | 15.8555 |
| 5.58881944 | 14.41 | 29.9709 | 5.77643519 | 14.34 | 27.8738 | 5.96393519 | 13.8 | 15.2651 |
| 5.58893519 | 14.41 | 30.0566 | 5.77655093 | 14.34 | 28.3905 | 5.96405093 | 13.85 | 16.6105 |
| 5.58905093 | 14.41 | 30.1956 | 5.77666667 | 14.34 | 28.2618 | 5.96416667 | 13.89 | 18.1588 |
| 5.58916667 | 14.43 | 29.3769 | 5.77678241 | 14.34 | 28.4509 | 5.96428241 | 13.86 | 17.381 |
| 5.58928241 | 14.46 | 27.792 | 5.77689815 | 14.34 | 28.8359 | 5.96439815 | 13.87 | 17.9553 |
| 5.58939815 | 14.43 | 29.7854 | 5.77701389 | 14.34 | 28.5289 | 5.96451389 | 13.77 | 15.6623 |
| 5.58951389 | 14.39 | 30.9236 | 5.77712963 | 14.34 | 28.4638 | 5.96462963 | 13.8 | 16.6038 |
| 5.58962963 | 14.39 | 31.0898 | 5.77724537 | 14.34 | 28.8359 | 5.96474537 | 13.75 | 15.4753 |
| 5.58974537 | 14.39 | 31.1659 | 5.77736111 | 14.34 | 28.9158 | 5.96486111 | 13.82 | 16.9556 |
| 5.58986111 | 14.36 | 31.9532 | 5.77747685 | 14.34 | 28.6773 | 5.96497685 | 13.85 | 17.0567 |
| 5.58997685 | 14.39 | 30.8087 | 5.77759259 | 14.34 | 28.9381 | 5.96509259 | 13.76 | 15.4118 |
| 5.59009259 | 14.36 | 32.2039 | 5.77770833 | 14.34 | 29.1264 | 5.96520833 | 13.66 | 13.4156 |
| 5.59020833 | 14.37 | 31.2431 | 5.77782407 | 14.34 | 29.3854 | 5.96532407 | 13.73 | 16.1959 |
| 5.59032407 | 14.37 | 30.4791 | 5.77793982 | 14.34 | 29.2304 | 5.96543982 | 13.77 | 15.5217 |
| 5.59043982 | 14.37 | 30.9446 | 5.77805556 | 14.34 | 29.3946 | 5.96555556 | 13.75 | 14.8095 |
| 5.59055556 | 14.39 | 29.5085 | 5.7781713 | 14.34 | 29.244 | 5.9656713 | 13.87 | 18.5689 |
| 5.5906713 | 14.39 | 30.8386 | 5.77828704 | 14.34 | 28.8448 | 5.96578704 | 13.89 | 17.8541 |
| 5.59078704 | 14.36 | 31.8475 | 5.77840278 | 14.34 | 29.3168 | 5.96590278 | 13.95 | 20.7562 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59090278 | 14.36 | 31.5029 | 5.77851852 | 14.34 | 29.0185 | 5.96601852 | 13.93 | 20.7785 |
| 5.59101852 | 14.34 | 32.2582 | 5.77863426 | 14.34 | 28.8669 | 5.96613426 | 13.8 | 16.2734 |
| 5.59113426 | 14.34 | 32.0653 | 5.77875 | 14.34 | 28.7784 | 5.96625 | 13.82 | 16.9402 |
| 5.59125 | 14.36 | 31.7109 | 5.77886574 | 14.34 | 28.9917 | 5.96636574 | 13.77 | 16.3999 |
| 5.59136574 | 14.48 | 24.6889 | 5.77898148 | 14.34 | 29.0544 | 5.96648148 | 13.77 | 15.9757 |
| 5.59148148 | 14.43 | 28.1029 | 5.77909722 | 14.34 | 29.1444 | 5.96659722 | 13.83 | 17.3865 |
| 5.59159722 | 14.41 | 29.3645 | 5.77921296 | 14.34 | 29.1264 | 5.96671296 | 13.83 | 17.4786 |
| 5.59171296 | 14.39 | 31.004 | 5.7793287 | 14.34 | 29.1264 | 5.9668287 | 13.86 | 18.065 |
| 5.5918287 | 14.39 | 30.8436 | 5.77944444 | 14.34 | 28.8803 | 5.96694444 | 13.9 | 19.017 |
| 5.59194444 | 14.36 | 31.8264 | 5.77956019 | 14.31 | 21.0385 | 5.96706019 | 13.87 | 17.2456 |
| 5.59206019 | 14.34 | 32.2474 | 5.77967593 | 14.31 | 19.8013 | 5.96717593 | 13.85 | 17.7096 |
| 5.59217593 | 14.34 | 32.2743 | 5.77979167 | 14.27 | 11.8953 | 5.96729167 | 13.96 | 21.1787 |
| 5.59229167 | 14.34 | 32.2905 | 5.77990741 | 14.23 | 10.6435 | 5.96740741 | 13.87 | 18.5982 |
| 5.59240741 | 14.34 | 31.3491 | 5.78002315 | 14.21 | 10.0723 | 5.96752315 | 13.93 | 20.1465 |
| 5.59252315 | 14.37 | 31.4328 | 5.78013889 | 14.27 | 14.5826 | 5.96763889 | 13.92 | 19.4089 |
| 5.59263889 | 14.36 | 31.9108 | 5.78025463 | 14.3 | 17.1833 | 5.96775463 | 14.04 | 22.9078 |
| 5.59275463 | 14.37 | 30.7301 | 5.78037037 | 14.33 | 28.7418 | 5.96787037 | 14.03 | 22.9619 |
| 5.59287037 | 14.36 | 31.7896 | 5.78048611 | 14.33 | 28.1245 | 5.96798611 | 14.06 | 24.2558 |
| 5.59298611 | 14.4 | 30.4262 | 5.78060185 | 14.33 | 26.1574 | 5.96810185 | 14.06 | 24.1233 |
| 5.59310185 | 14.37 | 31.6819 | 5.78071759 | 14.31 | 21.1587 | 5.96821759 | 14.07 | 24.1958 |
| 5.59321759 | 14.36 | 31.8001 | 5.78083333 | 14.31 | 19.5188 | 5.96833333 | 14.07 | 24.1014 |
| 5.59333333 | 14.36 | 31.8422 | 5.78094907 | 14.33 | 29.2243 | 5.96844907 | 13.99 | 21.4592 |
| 5.59344907 | 14.36 | 31.8422 | 5.78106482 | 14.33 | 29.1158 | 5.96856482 | 14.1 | 24.4644 |
| 5.59356482 | 14.39 | 30.739 | 5.78118056 | 14.34 | 29.3854 | 5.96868056 | 14.03 | 23.7343 |
| 5.59368056 | 14.37 | 31.3813 | 5.7812963 | 14.34 | 29.0275 | 5.9687963 | 14.02 | 23.2731 |
| 5.5937963 | 14.37 | 31.3864 | 5.78141204 | 14.29 | 18.0054 | 5.96891204 | 13.96 | 21.1308 |
| 5.59391204 | 14.37 | 31.2635 | 5.78152778 | 14.33 | 28.5015 | 5.96902778 | 13.95 | 20.4636 |
| 5.59402778 | 14.39 | 31.1101 | 5.78164352 | 14.33 | 28.3849 | 5.96914352 | 13.95 | 21.0671 |
| 5.59414352 | 14.37 | 31.5985 | 5.78175926 | 14.33 | 26.8861 | 5.96925926 | 13.92 | 19.6419 |
| 5.59425926 | 14.37 | 31.6193 | 5.781875 | 14.33 | 28.3419 | 5.969375 | 13.77 | 16.2474 |
| 5.594375 | 14.37 | 31.6975 | 5.78199074 | 14.34 | 28.752 | 5.96949074 | 13.75 | 16.1748 |
| 5.59449074 | 14.37 | 31.4999 | 5.78210648 | 14.33 | 28.6059 | 5.96960648 | 13.83 | 19.3404 |
| 5.59460648 | 14.37 | 31.7237 | 5.78222222 | 14.34 | 28.3217 | 5.96972222 | 13.8 | 16.8103 |
| 5.59472222 | 14.37 | 31.5362 | 5.78233796 | 14.33 | 25.4092 | 5.96983796 | 13.68 | 13.1188 |
| 5.59483796 | 14.36 | 31.8264 | 5.7824537 | 14.33 | 26.8161 | 5.9699537 | 13.79 | 16.0973 |
| 5.5949537 | 14.37 | 31.9237 | 5.78256944 | 14.33 | 25.8647 | 5.97006944 | 13.65 | 13.0474 |
| 5.59506944 | 14.37 | 31.9449 | 5.78268519 | 14.33 | 26.5855 | 5.97018519 | 13.58 | 10.634 |
| 5.59518519 | 14.36 | 31.9638 | 5.78280093 | 14.33 | 28.901 | 5.97030093 | 13.6 | 11.8259 |
| 5.59530093 | 14.37 | 31.5777 | 5.78291667 | 14.34 | 29.2758 | 5.97041667 | 13.52 | 11.0513 |
| 5.59541667 | 14.37 | 31.6558 | 5.78303241 | 14.34 | 29.2622 | 5.97053241 | 13.66 | 13.455 |
| 5.59553241 | 14.4 | 30.1217 | 5.78314815 | 14.33 | 27.4742 | 5.97064815 | 13.65 | 11.9572 |
| 5.59564815 | 14.43 | 28.5062 | 5.78326389 | 14.33 | 28.711 | 5.97076389 | 13.68 | 12.7452 |
| 5.59576389 | 14.39 | 31.0949 | 5.78337963 | 14.34 | 27.8905 | 5.97087963 | 13.68 | 12.8015 |
| 5.59587963 | 14.37 | 31.0502 | 5.78349537 | 14.33 | 27.9939 | 5.97099537 | 13.62 | 11.8837 |
| 5.59599537 | 14.36 | 31.6691 | 5.78361111 | 14.34 | 28.2661 | 5.97111111 | 13.63 | 12.0883 |
| 5.59611111 | 14.37 | 31.6558 | 5.78372685 | 14.33 | 27.8477 | 5.97122685 | 13.65 | 12.0476 |
| 5.59622685 | 14.36 | 31.858 | 5.78384259 | 14.31 | 23.9589 | 5.97134259 | 13.63 | 11.8558 |
| 5.59634259 | 14.37 | 31.3813 | 5.78395833 | 14.34 | 28.9961 | 5.97145833 | 13.63 | 11.9997 |
| 5.59645833 | 14.37 | 31.8709 | 5.78407407 | 14.33 | 26.9094 | 5.97157407 | 13.62 | 12.536 |
| 5.59657407 | 14.37 | 31.8973 | 5.78418982 | 14.33 | 27.4175 | 5.97168982 | 13.59 | 12.1102 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59668982 | 14.37 | 31.5933 | 5.78430556 | 14.33 | 26.4111 | 5.97180556 | 13.59 | 12.0862 |
| 5.59680556 | 14.37 | 31.2839 | 5.7844213 | 14.33 | 26.0103 | 5.9719213 | 13.62 | 12.6432 |
| 5.5969213 | 14.41 | 28.9439 | 5.78453704 | 14.34 | 25.6533 | 5.97203704 | 13.65 | 13.1158 |
| 5.59703704 | 14.41 | 30.0185 | 5.78465278 | 14.34 | 27.3018 | 5.97215278 | 13.7 | 14.6796 |
| 5.59715278 | 14.37 | 31.3916 | 5.78476852 | 14.34 | 27.7164 | 5.97226852 | 13.66 | 13.0561 |
| 5.59726852 | 14.4 | 30.1505 | 5.78488426 | 14.31 | 22.2225 | 5.97238426 | 13.8 | 19.0432 |
| 5.59738426 | 14.39 | 31.4681 | 5.785 | 14.34 | 27.0436 | 5.9725 | 13.69 | 14.6501 |
| 5.5975 | 14.36 | 31.6326 | 5.78511574 | 14.34 | 25.9488 | 5.97261574 | 13.75 | 17.8935 |
| 5.59761574 | 14.37 | 30.4546 | 5.78523148 | 14.33 | 26.43 | 5.97273148 | 13.66 | 14.1198 |
| 5.59773148 | 14.39 | 30.7143 | 5.78534722 | 14.34 | 25.0508 | 5.97284722 | 13.68 | 16.5566 |
| 5.59784722 | 14.46 | 26.0039 | 5.78546296 | 14.34 | 24.6685 | 5.97296296 | 13.75 | 18.4039 |
| 5.59796296 | 14.41 | 29.5998 | 5.7855787 | 14.34 | 24.4946 | 5.9730787 | 13.83 | 22.9364 |
| 5.5980787 | 14.4 | 30.6322 | 5.78569444 | 14.36 | 24.832 | 5.97319444 | 13.76 | 18.072 |
| 5.59819444 | 14.4 | 30.5142 | 5.78581019 | 14.34 | 24.259 | 5.97331019 | 13.66 | 15.0716 |
| 5.59831019 | 14.4 | 29.4962 | 5.78592593 | 14.36 | 24.4106 | 5.97342593 | 13.79 | 20.9914 |
| 5.59842593 | 14.4 | 29.7943 | 5.78604167 | 14.37 | 24.3849 | 5.97354167 | 13.75 | 18.8739 |
| 5.59854167 | 14.4 | 30.093 | 5.78615741 | 14.37 | 24.6924 | 5.97365741 | 13.85 | 23.5113 |
| 5.59865741 | 14.41 | 29.0604 | 5.78627315 | 14.37 | 24.5672 | 5.97377315 | 13.79 | 22.9489 |
| 5.59877315 | 14.43 | 28.5323 | 5.78638889 | 14.37 | 24.6759 | 5.97388889 | 13.72 | 17.4927 |
| 5.59888889 | 14.46 | 26.7034 | 5.78650463 | 14.37 | 24.7755 | 5.97400463 | 13.77 | 19.0197 |
| 5.59900463 | 14.44 | 28.6648 | 5.78662037 | 14.37 | 24.8022 | 5.97412037 | 13.83 | 23.0668 |
| 5.59912037 | 14.43 | 29.1491 | 5.78673611 | 14.37 | 24.8524 | 5.97423611 | 13.8 | 21.5179 |
| 5.59923611 | 14.41 | 28.926 | 5.78685185 | 14.36 | 24.9937 | 5.97435185 | 13.77 | 18.3515 |
| 5.59935185 | 14.37 | 30.1883 | 5.78696759 | 14.37 | 25.4813 | 5.97446759 | 13.75 | 17.7222 |
| 5.59946759 | 14.41 | 29.7023 | 5.78708333 | 14.36 | 25.2852 | 5.97458333 | 13.76 | 20.1038 |
| 5.59958333 | 14.37 | 31.0402 | 5.78719907 | 14.36 | 24.2466 | 5.97469907 | 13.68 | 16.5624 |
| 5.59969907 | 14.44 | 27.9818 | 5.78731482 | 14.36 | 25.3268 | 5.97481482 | 13.72 | 16.9504 |
| 5.59981482 | 14.4 | 29.724 | 5.78743056 | 14.36 | 25.5868 | 5.97493056 | 13.8 | 22.3023 |
| 5.59993056 | 14.37 | 31.33 | 5.7875463 | 14.36 | 25.658 | 5.9750463 | 13.7 | 17.0377 |
| 5.6000463 | 14.4 | 28.7604 | 5.78766204 | 14.37 | 24.9805 | 5.97516204 | 13.66 | 13.9006 |
| 5.60016204 | 14.5 | 25.9114 | 5.78777778 | 14.37 | 25.6728 | 5.97527778 | 13.69 | 14.7268 |
| 5.60027778 | 14.58 | 18.8431 | 5.78789352 | 14.36 | 25.852 | 5.97539352 | 13.6 | 11.6678 |
| 5.60039352 | 14.64 | 16.3406 | 5.78800926 | 14.37 | 26.0018 | 5.97550926 | 13.69 | 15.1521 |
| 5.60050926 | 14.53 | 24.9559 | 5.788125 | 14.36 | 26.1409 | 5.975625 | 13.66 | 12.7216 |
| 5.600625 | 14.47 | 27.8974 | 5.78824074 | 14.36 | 26.0561 | 5.97574074 | 13.72 | 14.2283 |
| 5.60074074 | 14.43 | 29.2444 | 5.78835648 | 14.36 | 25.7762 | 5.97585648 | 13.69 | 13.7234 |
| 5.60085648 | 14.4 | 30.3775 | 5.78847222 | 14.37 | 26.2306 | 5.97597222 | 13.76 | 17.0452 |
| 5.60097222 | 14.37 | 31.2686 | 5.78858796 | 14.36 | 26.2373 | 5.97608796 | 13.68 | 13.989 |
| 5.60108796 | 14.4 | 30.3338 | 5.7887037 | 14.37 | 26.3915 | 5.9762037 | 13.68 | 13.9937 |
| 5.6012037 | 14.39 | 30.3223 | 5.78881944 | 14.36 | 26.5649 | 5.97631944 | 13.59 | 10.8888 |
| 5.60131944 | 14.47 | 27.6279 | 5.78893519 | 14.36 | 26.6222 | 5.97643519 | 13.69 | 14.6268 |
| 5.60143519 | 14.58 | 19.5316 | 5.78905093 | 14.36 | 26.6414 | 5.97655093 | 13.73 | 14.3299 |
| 5.60155093 | 14.5 | 24.5837 | 5.78916667 | 14.36 | 26.6644 | 5.97666667 | 13.6 | 11.6239 |
| 5.60166667 | 14.41 | 28.1768 | 5.78928241 | 14.36 | 26.4549 | 5.97678241 | 13.72 | 15.2396 |
| 5.60178241 | 14.39 | 30.2497 | 5.78939815 | 14.37 | 26.384 | 5.97689815 | 13.62 | 11.5578 |
| 5.60189815 | 14.34 | 31.5658 | 5.78951389 | 14.37 | 26.9442 | 5.97701389 | 13.69 | 15.2114 |
| 5.60201389 | 14.34 | 31.8586 | 5.78962963 | 14.36 | 27.2518 | 5.97712963 | 13.66 | 14.9788 |
| 5.60212963 | 14.33 | 31.6937 | 5.78974537 | 14.37 | 26.9364 | 5.97724537 | 13.7 | 15.3885 |
| 5.60224537 | 14.34 | 31.5917 | 5.78986111 | 14.36 | 26.9747 | 5.97736111 | 13.72 | 15.2124 |
| 5.60236111 | 14.33 | 31.2702 | 5.78997685 | 14.37 | 26.9168 | 5.97747685 | 13.73 | 18.0688 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60247685 | 14.33 | 31.8405 | 5.79009259 | 14.36 | 26.8342 | 5.97759259 | 13.62 | 13.5131 |
| 5.60259259 | 14.33 | 31.6155 | 5.79020833 | 14.36 | 26.9394 | 5.97770833 | 13.53 | 9.7697 |
| 5.60270833 | 14.33 | 32.1698 | 5.79032407 | 14.36 | 26.9316 | 5.97782407 | 13.62 | 13.6245 |
| 5.60282407 | 14.31 | 32.3588 | 5.79043982 | 14.36 | 26.8225 | 5.97793982 | 13.7 | 17.7086 |
| 5.60293982 | 14.44 | 24.7044 | 5.79055556 | 14.37 | 27.07 | 5.97805556 | 13.62 | 13.901 |
| 5.60305556 | 14.33 | 31.7251 | 5.7906713 | 14.36 | 27.073 | 5.9781713 | 13.63 | 15.4217 |
| 5.6031713 | 14.31 | 31.8833 | 5.79078704 | 14.34 | 26.0328 | 5.97828704 | 13.65 | 16.6019 |
| 5.60328704 | 14.31 | 31.4712 | 5.79090278 | 14.36 | 26.3607 | 5.97840278 | 13.48 | 8.2921 |
| 5.60340278 | 14.31 | 31.9309 | 5.79101852 | 14.36 | 26.9316 | 5.97851852 | 13.59 | 14.4582 |
| 5.60351852 | 14.31 | 31.4918 | 5.79113426 | 14.34 | 27.1186 | 5.97863426 | 13.53 | 13.2111 |
| 5.60363426 | 14.33 | 30.9214 | 5.79125 | 14.36 | 27.5709 | 5.97875 | 13.58 | 12.4179 |
| 5.60375 | 14.31 | 32.1116 | 5.79136574 | 14.36 | 27.8138 | 5.97886574 | 13.49 | 11.5734 |
| 5.60386574 | 14.31 | 31.8465 | 5.79148148 | 14.36 | 26.5155 | 5.97898148 | 13.49 | 11.1227 |
| 5.60398148 | 14.31 | 31.9945 | 5.79159722 | 14.34 | 25.2774 | 5.97909722 | 13.55 | 12.4042 |
| 5.60409722 | 14.33 | 31.2447 | 5.79171296 | 14.34 | 26.4836 | 5.97921296 | 13.59 | 13.1318 |
| 5.60421296 | 14.31 | 32.149 | 5.7918287 | 14.31 | 24.2682 | 5.9793287 | 13.55 | 11.1732 |
| 5.6043287 | 14.34 | 31.3286 | 5.79194444 | 14.33 | 25.1118 | 5.97944444 | 13.56 | 12.7871 |
| 5.60444444 | 14.36 | 31.2511 | 5.79206019 | 14.33 | 25.2044 | 5.97956019 | 13.63 | 15.2883 |
| 5.60456019 | 14.34 | 30.1013 | 5.79217593 | 14.33 | 25.7853 | 5.97967593 | 13.68 | 19.0699 |
| 5.60467593 | 14.33 | 31.4704 | 5.79229167 | 14.31 | 24.7871 | 5.97979167 | 13.59 | 14.7031 |
| 5.60479167 | 14.33 | 31.6572 | 5.79240741 | 14.3 | 22.2095 | 5.97990741 | 13.53 | 11.4244 |
| 5.60490741 | 14.33 | 31.7251 | 5.79252315 | 14.29 | 20.8785 | 5.98002315 | 13.6 | 13.2973 |
| 5.60502315 | 14.31 | 32.0902 | 5.79263889 | 14.27 | 20.0806 | 5.98013889 | 13.63 | 16.3741 |
| 5.60513889 | 14.33 | 31.6937 | 5.79275463 | 14.31 | 24.5625 | 5.98025463 | 13.55 | 12.2983 |
| 5.60525463 | 14.34 | 30.7291 | 5.79287037 | 14.29 | 21.5317 | 5.98037037 | 13.58 | 13.1862 |
| 5.60537037 | 14.37 | 29.9543 | 5.79298611 | 14.27 | 20.2138 | 5.98048611 | 13.45 | 8.6403 |
| 5.60548611 | 14.34 | 31.1756 | 5.79310185 | 14.29 | 20.9115 | 5.98060185 | 13.48 | 10.8303 |
| 5.60560185 | 14.37 | 30.1979 | 5.79321759 | 14.29 | 20.8152 | 5.98071759 | 13.48 | 11.0967 |
| 5.60571759 | 14.37 | 30.4791 | 5.79333333 | 14.27 | 21.1853 | 5.98083333 | 13.49 | 11.0351 |
| 5.60583333 | 14.39 | 29.1294 | 5.79344907 | 14.29 | 20.8714 | 5.98094907 | 13.59 | 13.3243 |
| 5.60594907 | 14.37 | 29.9876 | 5.79356482 | 14.29 | 20.6621 | 5.98106482 | 13.49 | 9.0164 |
| 5.60606482 | 14.37 | 30.651 | 5.79368056 | 14.26 | 19.6118 | 5.98118056 | 13.49 | 9.0065 |
| 5.60618056 | 14.4 | 29.4593 | 5.7937963 | 14.26 | 19.8543 | 5.9812963 | 13.49 | 9.0271 |
| 5.6062963 | 14.39 | 30.4585 | 5.79391204 | 14.26 | 19.7574 | 5.98141204 | 13.51 | 9.3965 |
| 5.60641204 | 14.36 | 31.3689 | 5.79402778 | 14.26 | 19.7553 | 5.98152778 | 13.55 | 10.5276 |
| 5.60652778 | 14.36 | 31.6431 | 5.79414352 | 14.26 | 19.4582 | 5.98164352 | 13.53 | 9.4971 |
| 5.60664352 | 14.37 | 30.5133 | 5.79425926 | 14.26 | 19.9437 | 5.98175926 | 13.56 | 10.3271 |
| 5.60675926 | 14.43 | 27.2947 | 5.794375 | 14.26 | 20.2608 | 5.981875 | 13.51 | 9.1384 |
| 5.606875 | 14.39 | 30.4585 | 5.79449074 | 14.24 | 19.8497 | 5.98199074 | 13.53 | 9.3094 |
| 5.60699074 | 14.36 | 31.4048 | 5.79460648 | 14.26 | 20.3029 | 5.98210648 | 13.56 | 9.7183 |
| 5.60710648 | 14.36 | 31.6535 | 5.79472222 | 14.26 | 20.1009 | 5.98222222 | 13.59 | 10.4123 |
| 5.60722222 | 14.36 | 31.5132 | 5.79483796 | 14.26 | 20.6781 | 5.98233796 | 13.63 | 11.2129 |
| 5.60733796 | 14.43 | 27.9303 | 5.7949537 | 14.26 | 20.7428 | 5.9824537 | 13.58 | 9.3192 |
| 5.6074537 | 14.39 | 30.2497 | 5.79506944 | 14.26 | 21.6391 | 5.98256944 | 13.63 | 10.1832 |
| 5.60756944 | 14.37 | 31.4019 | 5.79518519 | 14.29 | 22.7326 | 5.98268519 | 13.56 | 9.4017 |
| 5.60768519 | 14.36 | 31.7476 | 5.79530093 | 14.27 | 21.2266 | 5.98280093 | 13.58 | 9.5262 |
| 5.60780093 | 14.34 | 31.922 | 5.79541667 | 14.27 | 20.9222 | 5.98291667 | 13.53 | 8.8707 |
| 5.60791667 | 14.36 | 31.6587 | 5.79553241 | 14.27 | 20.5788 | 5.98303241 | 13.6 | 9.8482 |
| 5.60803241 | 14.36 | 31.8633 | 5.79564815 | 14.27 | 20.26 | 5.98314815 | 13.56 | 9.3076 |
| 5.60814815 | 14.36 | 31.7948 | 5.79576389 | 14.29 | 20.7709 | 5.98326389 | 13.56 | 9.294 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60826389 | 14.36 | 31.69 | 5.79587963 | 14.27 | 21.1153 | 5.98337963 | 13.53 | 9.1688 |
| 5.60837963 | 14.36 | 31.7738 | 5.79599537 | 14.27 | 21.2729 | 5.98349537 | 13.53 | 9.2676 |
| 5.60849537 | 14.36 | 31.0028 | 5.79611111 | 14.3 | 22.1908 | 5.98361111 | 13.49 | 8.5103 |
| 5.60861111 | 14.36 | 31.4306 | 5.79622685 | 14.3 | 21.6726 | 5.98372685 | 13.46 | 8.5178 |
| 5.60872685 | 14.36 | 31.5599 | 5.79634259 | 14.29 | 20.4819 | 5.98384259 | 13.48 | 8.8015 |
| 5.60884259 | 14.36 | 31.7738 | 5.79645833 | 14.29 | 20.8832 | 5.98395833 | 13.51 | 9.6955 |
| 5.60895833 | 14.36 | 31.8264 | 5.79657407 | 14.29 | 21.2693 | 5.98407407 | 13.42 | 8.0767 |
| 5.60907407 | 14.36 | 31.8001 | 5.79668982 | 14.29 | 21.4295 | 5.98418982 | 13.43 | 8.3706 |
| 5.60918982 | 14.36 | 31.7686 | 5.79680556 | 14.29 | 21.3159 | 5.98430556 | 13.41 | 7.9823 |
| 5.60930556 | 14.36 | 31.8317 | 5.7969213 | 14.27 | 20.5788 | 5.9844213 | 13.38 | 7.5262 |
| 5.6094213 | 14.36 | 31.8633 | 5.79703704 | 14.29 | 21.1285 | 5.98453704 | 13.41 | 7.9331 |
| 5.60953704 | 14.36 | 31.9002 | 5.79715278 | 14.29 | 20.7825 | 5.98465278 | 13.38 | 7.4764 |
| 5.60965278 | 14.34 | 31.8428 | 5.79726852 | 14.27 | 20.4181 | 5.98476852 | 13.36 | 7.3161 |
| 5.60976852 | 14.36 | 31.8106 | 5.79738426 | 14.27 | 20.1786 | 5.98488426 | 13.38 | 7.7745 |
| 5.60988426 | 14.36 | 31.8106 | 5.7975 | 14.29 | 20.8152 | 5.985 | 13.39 | 7.8591 |
| 5.61 | 14.36 | 31.6483 | 5.79761574 | 14.3 | 21.5916 | 5.98511574 | 13.38 | 7.74 |
| 5.61011574 | 14.36 | 31.7214 | 5.79773148 | 14.29 | 21.3331 | 5.98523148 | 13.38 | 7.6607 |
| 5.61023148 | 14.36 | 31.7214 | 5.79784722 | 14.3 | 22.1988 | 5.98534722 | 13.38 | 7.5399 |
| 5.61034722 | 14.36 | 31.7581 | 5.79796296 | 14.31 | 22.4963 | 5.98546296 | 13.41 | 8.4534 |
| 5.61046296 | 14.36 | 31.8106 | 5.7980787 | 14.29 | 21.8009 | 5.9855787 | 13.35 | 7.391 |
| 5.6105787 | 14.36 | 31.8527 | 5.79819444 | 14.31 | 22.5155 | 5.98569444 | 13.35 | 7.3902 |
| 5.61069444 | 14.36 | 31.8897 | 5.79831019 | 14.29 | 21.7215 | 5.98581019 | 13.35 | 7.2494 |
| 5.61081019 | 14.36 | 31.0987 | 5.79842593 | 14.27 | 19.6357 | 5.98592593 | 13.33 | 7.1638 |
| 5.61092593 | 14.36 | 31.69 | 5.79854167 | 14.27 | 20.613 | 5.98604167 | 13.35 | 7.2541 |
| 5.61104167 | 14.34 | 31.9591 | 5.79865741 | 14.29 | 21.0708 | 5.98615741 | 13.42 | 9.5779 |
| 5.61115741 | 14.34 | 31.806 | 5.79877315 | 14.27 | 20.5106 | 5.98627315 | 13.33 | 7.1117 |
| 5.61127315 | 14.34 | 31.8692 | 5.79888889 | 14.27 | 20.7886 | 5.98638889 | 13.35 | 7.411 |
| 5.61138889 | 14.34 | 31.9273 | 5.79900463 | 14.3 | 22.6652 | 5.98650463 | 13.35 | 7.3656 |
| 5.61150463 | 14.34 | 31.9167 | 5.79912037 | 14.33 | 26.2949 | 5.98662037 | 13.36 | 7.7268 |
| 5.61162037 | 14.34 | 31.9591 | 5.79923611 | 14.31 | 23.6604 | 5.98673611 | 13.33 | 7.2823 |
| 5.61173611 | 14.34 | 31.885 | 5.79935185 | 14.29 | 22.9361 | 5.98685185 | 13.33 | 7.3005 |
| 5.61185185 | 14.34 | 31.8586 | 5.79946759 | 14.33 | 25.7028 | 5.98696759 | 13.33 | 7.2233 |
| 5.61196759 | 14.36 | 31.7057 | 5.79958333 | 14.31 | 24.638 | 5.98708333 | 13.33 | 7.1327 |
| 5.61208333 | 14.34 | 31.6646 | 5.79969907 | 14.3 | 23.2514 | 5.98719907 | 13.33 | 7.2343 |
| 5.61219907 | 14.34 | 31.7902 | 5.79981482 | 14.3 | 22.9445 | 5.98731482 | 13.33 | 7.3234 |
| 5.61231482 | 14.36 | 31.5806 | 5.79993056 | 14.31 | 23.5786 | 5.98743056 | 13.32 | 7.1727 |
| 5.61243056 | 14.36 | 31.69 | 5.8000463 | 14.3 | 22.5571 | 5.9875463 | 13.32 | 7.1548 |
| 5.6125463 | 14.34 | 31.8797 | 5.80016204 | 14.3 | 22.6708 | 5.98766204 | 13.33 | 7.1818 |
| 5.61266204 | 14.34 | 31.7535 | 5.80027778 | 14.31 | 23.7213 | 5.98777778 | 13.33 | 7.1521 |
| 5.61277778 | 14.36 | 31.6535 | 5.80039352 | 14.3 | 22.3738 | 5.98789352 | 13.33 | 7.2902 |
| 5.61289352 | 14.36 | 31.6639 | 5.80050926 | 14.3 | 22.2363 | 5.98800926 | 13.32 | 7.215 |
| 5.61300926 | 14.39 | 28.2382 | 5.800625 | 14.31 | 22.2172 | 5.988125 | 13.33 | 7.2272 |
| 5.613125 | 14.37 | 29.9543 | 5.80074074 | 14.3 | 22.4091 | 5.98824074 | 13.35 | 8.6085 |
| 5.61324074 | 14.36 | 31.5184 | 5.80085648 | 14.31 | 23.2219 | 5.98835648 | 13.33 | 7.2642 |
| 5.61335648 | 14.36 | 31.2053 | 5.80097222 | 14.31 | 24.4777 | 5.98847222 | 13.33 | 7.3147 |
| 5.61347222 | 14.36 | 31.292 | 5.80108796 | 14.3 | 22.9074 | 5.98858796 | 13.32 | 7.2377 |
| 5.61358796 | 14.36 | 31.7162 | 5.8012037 | 14.3 | 23.0075 | 5.9887037 | 13.32 | 7.197 |
| 5.6137037 | 14.34 | 31.7483 | 5.80131944 | 14.31 | 24.4485 | 5.98881944 | 13.32 | 7.1548 |
| 5.61381944 | 14.4 | 28.7825 | 5.80143519 | 14.3 | 22.4555 | 5.98893519 | 13.33 | 7.2516 |
| 5.61393519 | 14.37 | 30.5476 | 5.80155093 | 14.31 | 23.2102 | 5.98905093 | 13.32 | 7.2165 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61405093 | 14.36 | 31.9108 | 5.80166667 | 14.34 | 26.5939 | 5.98916667 | 13.31 | 7.1185 |
| 5.61416667 | 14.34 | 31.4211 | 5.80178241 | 14.34 | 27.4145 | 5.98928241 | 13.32 | 7.1439 |
| 5.61428241 | 14.39 | 28.6535 | 5.80189815 | 14.33 | 26.0359 | 5.98939815 | 13.32 | 7.2111 |
| 5.61439815 | 14.4 | 28.3595 | 5.80201389 | 14.31 | 25.5631 | 5.98951389 | 13.31 | 7.1426 |
| 5.61451389 | 14.39 | 29.1069 | 5.80212963 | 14.3 | 23.5756 | 5.98962963 | 13.32 | 7.2307 |
| 5.61462963 | 14.39 | 29.9579 | 5.80224537 | 14.33 | 26.4451 | 5.98974537 | 13.32 | 7.2134 |
| 5.61474537 | 14.39 | 29.7129 | 5.80236111 | 14.34 | 27.8572 | 5.98986111 | 13.32 | 7.3206 |
| 5.61486111 | 14.4 | 29.2124 | 5.80247685 | 14.34 | 27.2738 | 5.98997685 | 13.32 | 7.2071 |
| 5.61497685 | 14.39 | 29.9674 | 5.80259259 | 14.31 | 24.8271 | 5.99009259 | 13.32 | 7.2606 |
| 5.61509259 | 14.39 | 29.8208 | 5.80270833 | 14.29 | 21.3085 | 5.99020833 | 13.32 | 7.2173 |
| 5.61520833 | 14.37 | 30.4108 | 5.80282407 | 14.26 | 20.036 | 5.99032407 | 13.32 | 7.2897 |
| 5.61532407 | 14.37 | 30.2123 | 5.80293982 | 14.23 | 19.4692 | 5.99043982 | 13.33 | 7.4332 |
| 5.61543982 | 14.37 | 30.8795 | 5.80305556 | 14.1 | 1.5255 | 5.99055556 | 13.31 | 7.173 |
| 5.61555556 | 14.36 | 31.1443 | 5.8031713 | 14.13 | 2.2042 | 5.9906713 | 13.31 | 7.1185 |
| 5.6156713 | 14.39 | 29.7457 | 5.80328704 | 14.14 | 2.0506 | 5.99078704 | 13.32 | 7.2456 |
| 5.61578704 | 14.36 | 31.7267 | 5.80340278 | 14.04 | 2.2629 | 5.99090278 | 13.31 | 7.1216 |
| 5.61590278 | 14.36 | 31.5495 | 5.80351852 | 14.12 | 19.5571 | 5.99101852 | 13.36 | 8.7662 |
| 5.61601852 | 14.36 | 31.4874 | 5.80363426 | 14.17 | 20.5475 | 5.99113426 | 13.32 | 7.3499 |
| 5.61613426 | 14.36 | 30.8275 | 5.80375 | 14.29 | 27.4903 | 5.99125 | 13.35 | 8.2279 |
| 5.61625 | 14.37 | 30.5133 | 5.80386574 | 14.24 | 22.4902 | 5.99136574 | 13.33 | 7.958 |
| 5.61636574 | 14.41 | 27.6418 | 5.80398148 | 14.24 | 24.1087 | 5.99148148 | 13.32 | 7.1657 |
| 5.61648148 | 14.47 | 24.6654 | 5.80409722 | 14.24 | 23.8625 | 5.99159722 | 13.33 | 7.458 |
| 5.61659722 | 14.4 | 29.0949 | 5.80421296 | 14.27 | 25.5329 | 5.99171296 | 13.35 | 7.6855 |
| 5.61671296 | 14.37 | 30.1451 | 5.8043287 | 14.33 | 28.5102 | 5.9918287 | 13.39 | 8.3329 |
| 5.6168287 | 14.39 | 29.4669 | 5.80444444 | 14.3 | 27.0282 | 5.99194444 | 13.46 | 9.669 |
| 5.61694444 | 14.37 | 30.74 | 5.80456019 | 14.23 | 22.2228 | 5.99206019 | 13.33 | 7.5417 |
| 5.61706019 | 14.36 | 31.0179 | 5.80467593 | 14.2 | 21.1945 | 5.99217593 | 13.42 | 8.8774 |
| 5.61717593 | 14.36 | 31.2971 | 5.80479167 | 14.23 | 23.7641 | 5.99229167 | 13.39 | 8.3192 |
| 5.61729167 | 14.34 | 31.3851 | 5.80490741 | 14.3 | 25.8666 | 5.99240741 | 13.32 | 7.6133 |
| 5.61740741 | 14.36 | 30.6391 | 5.80502315 | 14.21 | 21.8898 | 5.99252315 | 13.32 | 7.667 |
| 5.61752315 | 14.34 | 31.5969 | 5.80513889 | 14.27 | 25.6213 | 5.99263889 | 13.38 | 8.3394 |
| 5.61763889 | 14.37 | 30.0208 | 5.80525463 | 14.3 | 26.1406 | 5.99275463 | 13.31 | 7.1894 |
| 5.61775463 | 14.39 | 28.7414 | 5.80537037 | 14.29 | 25.4319 | 5.99287037 | 13.29 | 7.1354 |
| 5.61787037 | 14.36 | 30.3167 | 5.80548611 | 14.29 | 25.555 | 5.99298611 | 13.28 | 7.0065 |
| 5.61798611 | 14.4 | 27.9058 | 5.80560185 | 14.3 | 26.1961 | 5.99310185 | 13.29 | 7.409 |
| 5.61810185 | 14.4 | 28.4285 | 5.80571759 | 14.31 | 26.4285 | 5.99321759 | 13.29 | 7.3723 |
| 5.61821759 | 14.43 | 26.848 | 5.80583333 | 14.31 | 26.5725 | 5.99333333 | 13.31 | 7.7583 |
| 5.61833333 | 14.39 | 29.7832 | 5.80594907 | 14.29 | 25.9313 | 5.99344907 | 13.29 | 7.4915 |
| 5.61844907 | 14.37 | 30.4205 | 5.80606482 | 14.3 | 26.0084 | 5.99356482 | 13.26 | 6.84 |
| 5.61856482 | 14.36 | 30.9927 | 5.80618056 | 14.26 | 23.7274 | 5.99368056 | 13.24 | 6.7487 |
| 5.61868056 | 14.34 | 31.6438 | 5.8062963 | 14.23 | 22.872 | 5.9937963 | 13.24 | 6.7405 |
| 5.6187963 | 14.34 | 31.6021 | 5.80641204 | 14.19 | 20.4288 | 5.99391204 | 13.24 | 6.7232 |
| 5.61891204 | 14.41 | 27.0264 | 5.80652778 | 14.19 | 20.0268 | 5.99402778 | 13.28 | 7.3393 |
| 5.61902778 | 14.39 | 29.4439 | 5.80664352 | 14.17 | 20.2504 | 5.99414352 | 13.26 | 6.8643 |
| 5.61914352 | 14.48 | 21.6386 | 5.80675926 | 14.19 | 21.1083 | 5.99425926 | 13.29 | 7.6852 |
| 5.61925926 | 14.47 | 23.191 | 5.806875 | 14.19 | 20.5143 | 5.994375 | 13.26 | 7.0587 |
| 5.619375 | 14.44 | 26.0871 | 5.80699074 | 14.16 | 19.6231 | 5.99449074 | 13.26 | 7.1894 |
| 5.61949074 | 14.41 | 27.8486 | 5.80710648 | 14.19 | 21.3413 | 5.99460648 | 13.31 | 7.5925 |
| 5.61960648 | 14.39 | 30.0721 | 5.80722222 | 14.21 | 22.5598 | 5.99472222 | 13.28 | 7.2461 |
| 5.61972222 | 14.37 | 30.5476 | 5.80733796 | 14.24 | 23.606 | 5.99483796 | 13.25 | 6.979 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61983796 | 14.36 | 31.0532 | 5.8074537 | 14.21 | 22.1889 | 5.9949537 | 13.31 | 7.7599 |
| 5.6199537 | 14.34 | 31.5865 | 5.80756944 | 14.21 | 22.9606 | 5.99506944 | 13.25 | 6.7439 |
| 5.62006944 | 14.36 | 31.2511 | 5.80768519 | 14.24 | 23.2199 | 5.99518519 | 13.26 | 6.8264 |
| 5.62018519 | 14.4 | 28.4285 | 5.80780093 | 14.21 | 22.7374 | 5.99530093 | 13.26 | 6.9626 |
| 5.62030093 | 14.39 | 28.9946 | 5.80791667 | 14.21 | 22.7122 | 5.99541667 | 13.29 | 8.2715 |
| 5.62041667 | 14.41 | 27.349 | 5.80803241 | 14.2 | 21.5616 | 5.99553241 | 13.28 | 7.1849 |
| 5.62053241 | 14.4 | 29.217 | 5.80814815 | 14.19 | 20.6281 | 5.99564815 | 13.25 | 6.8312 |
| 5.62064815 | 14.41 | 28.1344 | 5.80826389 | 14.19 | 21.3462 | 5.99576389 | 13.26 | 7.2074 |
| 5.62076389 | 14.4 | 29.0544 | 5.80837963 | 14.24 | 24.4407 | 5.99587963 | 13.25 | 6.9491 |
| 5.62087963 | 14.4 | 29.3263 | 5.80849537 | 14.24 | 23.9181 | 5.99599537 | 13.26 | 7.0827 |
| 5.62099537 | 14.41 | 28.9483 | 5.80861111 | 14.21 | 22.7598 | 5.99611111 | 13.26 | 7.3027 |
| 5.62111111 | 14.4 | 28.9558 | 5.80872685 | 14.17 | 20.5953 | 5.99622685 | 13.25 | 6.863 |
| 5.62122685 | 14.41 | 28.4688 | 5.80884259 | 14.19 | 21.7264 | 5.99634259 | 13.28 | 7.6399 |
| 5.62134259 | 14.41 | 28.547 | 5.80895833 | 14.2 | 23.2761 | 5.99645833 | 13.26 | 7.058 |
| 5.62145833 | 14.39 | 30.1391 | 5.80907407 | 14.21 | 22.5956 | 5.99657407 | 13.26 | 7.0364 |
| 5.62157407 | 14.43 | 26.8169 | 5.80918982 | 14.17 | 20.77 | 5.99668982 | 13.25 | 6.9928 |
| 5.62168982 | 14.41 | 28.1216 | 5.80930556 | 14.17 | 21.9305 | 5.99680556 | 13.26 | 7.268 |
| 5.62180556 | 14.44 | 26.054 | 5.8094213 | 14.19 | 21.3881 | 5.9969213 | 13.25 | 6.9966 |
| 5.6219213 | 14.41 | 27.515 | 5.80953704 | 14.2 | 22.0466 | 5.99703704 | 13.25 | 7.097 |
| 5.62203704 | 14.39 | 29.901 | 5.80965278 | 14.23 | 22.1324 | 5.99715278 | 13.25 | 7.0892 |
| 5.62215278 | 14.4 | 28.4675 | 5.80976852 | 14.24 | 22.7198 | 5.99726852 | 13.26 | 7.2278 |
| 5.62226852 | 14.4 | 29.217 | 5.80988426 | 14.23 | 22.1775 | 5.99738426 | 13.26 | 7.3407 |
| 5.62238426 | 14.47 | 23.0714 | 5.81 | 14.21 | 22.0409 | 5.9975 | 13.26 | 7.4044 |
| 5.6225 | 14.5 | 22.4966 | 5.81011574 | 14.23 | 22.9345 | 5.99761574 | 13.26 | 7.2498 |
| 5.62261574 | 14.43 | 27.4157 | 5.81023148 | 14.19 | 21.039 | 5.99773148 | 13.26 | 7.3439 |
| 5.62273148 | 14.46 | 25.6598 | 5.81034722 | 14.2 | 21.8695 | 5.99784722 | 13.26 | 7.2121 |
| 5.62284722 | 14.48 | 22.0196 | 5.81046296 | 14.21 | 22.2423 | 5.99796296 | 13.26 | 7.2278 |
| 5.62296296 | 14.46 | 24.5137 | 5.8105787 | 14.17 | 20.6754 | 5.9980787 | 13.26 | 7.268 |
| 5.6230787 | 14.4 | 29.2852 | 5.81069444 | 14.17 | 20.6433 | 5.99819444 | 13.26 | 7.2357 |
| 5.62319444 | 14.4 | 29.0904 | 5.81081019 | 14.16 | 20.2096 | 5.99831019 | 13.25 | 7.2219 |
| 5.62331019 | 14.37 | 29.1264 | 5.81092593 | 14.14 | 19.8038 | 5.99842593 | 13.26 | 7.5473 |
| 5.62342593 | 14.39 | 29.8774 | 5.81104167 | 14.13 | 19.9806 | 5.99854167 | 13.25 | 7.16 |
| 5.62354167 | 14.37 | 30.1403 | 5.81115741 | 14.13 | 19.7545 | 5.99865741 | 13.26 | 7.1863 |
| 5.62365741 | 14.34 | 31.2622 | 5.81127315 | 14.13 | 19.8532 | 5.99877315 | 13.25 | 7.0799 |
| 5.62377315 | 14.37 | 30.1403 | 5.81138889 | 14.14 | 20.2815 | 5.99888889 | 13.25 | 7.0668 |
| 5.62388889 | 14.41 | 26.3006 | 5.81150463 | 14.16 | 21.0672 | 5.99900463 | 13.25 | 6.9468 |
| 5.62400463 | 14.47 | 22.1929 | 5.81162037 | 14.14 | 20.1784 | 5.99912037 | 13.24 | 6.5265 |
| 5.62412037 | 14.39 | 28.2468 | 5.81173611 | 14.14 | 20.1284 | 5.99923611 | 13.22 | 6.2586 |
| 5.62423611 | 14.39 | 28.9946 | 5.81185185 | 14.14 | 20.1588 | 5.99935185 | 13.25 | 6.7245 |
| 5.62435185 | 14.36 | 30.482 | 5.81196759 | 14.13 | 19.8616 | 5.99946759 | 13.25 | 6.8018 |
| 5.62446759 | 14.36 | 31.0684 | 5.81208333 | 14.13 | 19.6776 | 5.99958333 | 13.25 | 6.6567 |
| 5.62458333 | 14.37 | 31.1515 | 5.81219907 | 14.12 | 19.6868 | 5.99969907 | 13.25 | 6.6998 |
| 5.62469907 | 14.39 | 29.5316 | 5.81231482 | 14.12 | 19.5817 | 5.99981482 | 13.25 | 6.7943 |
| 5.62481482 | 14.37 | 28.7783 | 5.81243056 | 14.13 | 19.9827 | 5.99993056 | 13.22 | 6.2289 |
| 5.62493056 | 14.4 | 27.6695 | 5.8125463 | 14.12 | 19.8731 | 6.0000463 | 13.19 | 5.7181 |
| 5.6250463 | 14.39 | 28.3153 | 5.81266204 | 14.12 | 20.1845 | 6.00016204 | 13.16 | 5.6926 |
| 5.62516204 | 14.4 | 27.686 | 5.81277778 | 14.16 | 20.2932 | 6.00027778 | 13.15 | 5.2362 |
| 5.62527778 | 14.44 | 23.5845 | 5.81289352 | 14.13 | 19.9613 | 6.00039352 | 13.16 | 5.5638 |
| 5.62539352 | 14.4 | 25.7857 | 5.81300926 | 14.14 | 20.0118 | 6.00050926 | 13.14 | 5.2927 |
| 5.62550926 | 14.39 | 27.5905 | 5.813125 | 14.14 | 19.9626 | 6.000625 | 13.14 | 5.1157 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.625625 | 14.36 | 30.3118 | 5.81324074 | 14.13 | 19.8321 | 6.00074074 | 13.14 | 5.1022 |
| 5.62574074 | 14.39 | 27.5537 | 5.81335648 | 14.13 | 19.8912 | 6.00085648 | 13.14 | 5.128 |
| 5.62585648 | 14.34 | 30.9134 | 5.81347222 | 14.12 | 19.4777 | 6.00097222 | 13.14 | 5.0292 |
| 5.62597222 | 14.43 | 23.8417 | 5.81358796 | 14.12 | 19.553 | 6.00108796 | 13.14 | 4.9893 |
| 5.62608796 | 14.46 | 23.7217 | 5.8137037 | 14.13 | 19.7295 | 6.0012037 | 13.15 | 5.1574 |
| 5.6262037 | 14.4 | 27.5425 | 5.81381944 | 14.12 | 19.693 | 6.00131944 | 13.15 | 5.1439 |
| 5.62631944 | 14.37 | 29.5098 | 5.81393519 | 14.13 | 19.9677 | 6.00143519 | 13.15 | 5.1556 |
| 5.62643519 | 14.37 | 29.0409 | 5.81405093 | 14.13 | 19.9018 | 6.00155093 | 13.16 | 5.2118 |
| 5.62655093 | 14.4 | 27.7685 | 5.81416667 | 14.13 | 19.8468 | 6.00166667 | 13.16 | 5.3498 |
| 5.62666667 | 14.44 | 24.1968 | 5.81428241 | 14.13 | 19.8048 | 6.00178241 | 13.18 | 5.5557 |
| 5.62678241 | 14.4 | 28.2566 | 5.81439815 | 14.13 | 19.7838 | 6.00189815 | 13.22 | 6.3853 |
| 5.62689815 | 14.34 | 31.1654 | 5.81451389 | 14.13 | 19.8574 | 6.00201389 | 13.22 | 5.9895 |
| 5.62701389 | 14.34 | 30.8534 | 5.81462963 | 14.13 | 19.7838 | 6.00212963 | 13.21 | 6.0567 |
| 5.62712963 | 14.33 | 31.6572 | 5.81474537 | 14.13 | 19.8279 | 6.00224537 | 13.22 | 6.0074 |
| 5.62724537 | 14.33 | 31.2855 | 5.81486111 | 14.13 | 20.032 | 6.00236111 | 13.22 | 6.2084 |
| 5.62736111 | 14.33 | 31.3675 | 5.81497685 | 14.14 | 20.1893 | 6.00247685 | 13.22 | 6.0648 |
| 5.62747685 | 14.33 | 30.8265 | 5.81509259 | 14.16 | 20.8242 | 6.00259259 | 13.22 | 6.2487 |
| 5.62759259 | 14.34 | 29.4635 | 5.81520833 | 14.14 | 19.9861 | 6.00270833 | 13.24 | 6.4173 |
| 5.62770833 | 14.36 | 29.6519 | 5.81532407 | 14.13 | 19.7943 | 6.00282407 | 13.24 | 6.4579 |
| 5.62782407 | 14.31 | 31.3427 | 5.81543982 | 14.16 | 20.5892 | 6.00293982 | 13.26 | 7.1239 |
| 5.62793982 | 14.33 | 31.3983 | 5.81555556 | 14.14 | 20.1175 | 6.00305556 | 13.28 | 7.1544 |
| 5.62805556 | 14.34 | 30.5762 | 5.8156713 | 14.13 | 19.591 | 6.0031713 | 13.28 | 7.0365 |
| 5.6281713 | 14.36 | 29.5174 | 5.81578704 | 14.14 | 19.5634 | 6.00328704 | 13.28 | 7.0783 |
| 5.62828704 | 14.33 | 31.1633 | 5.81590278 | 14.14 | 19.8924 | 6.00340278 | 13.28 | 7.0242 |
| 5.62840278 | 14.34 | 29.4451 | 5.81601852 | 14.13 | 19.8426 | 6.00351852 | 13.26 | 6.8355 |
| 5.62851852 | 14.34 | 30.3323 | 5.81613426 | 14.13 | 19.6817 | 6.00363426 | 13.26 | 6.9213 |
| 5.62863426 | 14.33 | 30.8764 | 5.81625 | 14.14 | 19.8713 | 6.00375 | 13.25 | 6.8207 |
| 5.62875 | 14.33 | 31.2396 | 5.81636574 | 14.13 | 19.8237 | 6.00386574 | 13.26 | 6.8385 |
| 5.62886574 | 14.31 | 31.3478 | 5.81648148 | 14.13 | 19.9464 | 6.00398148 | 13.25 | 6.7021 |
| 5.62898148 | 14.3 | 31.6713 | 5.81659722 | 14.12 | 19.9516 | 6.00409722 | 13.24 | 6.1362 |
| 5.62909722 | 14.3 | 31.7811 | 5.81671296 | 14.12 | 19.9665 | 6.00421296 | 13.22 | 6.1017 |
| 5.62921296 | 14.3 | 31.7444 | 5.8168287 | 14.12 | 19.9622 | 6.0043287 | 13.19 | 5.5523 |
| 5.6293287 | 14.3 | 31.6088 | 5.81694444 | 14.1 | 19.9087 | 6.00444444 | 13.22 | 6.1359 |
| 5.62944444 | 14.3 | 32.0346 | 5.81706019 | 14.1 | 19.9321 | 6.00456019 | 13.22 | 6.0219 |
| 5.62956019 | 14.3 | 31.8652 | 5.81717593 | 14.1 | 19.9172 | 6.00467593 | 13.21 | 5.7571 |
| 5.62967593 | 14.3 | 32.0187 | 5.81729167 | 14.09 | 19.8969 | 6.00479167 | 13.19 | 5.4245 |
| 5.62979167 | 14.3 | 31.6608 | 5.81740741 | 14.09 | 19.6792 | 6.00490741 | 13.16 | 5.1149 |
| 5.62990741 | 14.31 | 31.8939 | 5.81752315 | 14.1 | 19.9619 | 6.00502315 | 13.16 | 4.9716 |
| 5.63002315 | 14.31 | 31.9626 | 5.81763889 | 14.09 | 19.7854 | 6.00513889 | 13.16 | 4.9273 |
| 5.63013889 | 14.3 | 31.86 | 5.81775463 | 14.07 | 19.848 | 6.00525463 | 13.15 | 4.8202 |
| 5.63025463 | 14.3 | 31.9762 | 5.81787037 | 14.09 | 19.8336 | 6.00537037 | 13.15 | 4.8149 |
| 5.63037037 | 14.3 | 31.918 | 5.81798611 | 14.09 | 19.6751 | 6.00548611 | 13.15 | 4.7587 |
| 5.63048611 | 14.3 | 32.0293 | 5.81810185 | 14.1 | 19.5406 | 6.00560185 | 13.15 | 4.7453 |
| 5.63060185 | 14.3 | 31.9709 | 5.81821759 | 14.1 | 19.5672 | 6.00571759 | 13.15 | 4.7122 |
| 5.63071759 | 14.3 | 31.9974 | 5.81833333 | 14.09 | 19.8084 | 6.00583333 | 13.14 | 4.7465 |
| 5.63083333 | 14.3 | 31.8969 | 5.81844907 | 14.1 | 19.283 | 6.00594907 | 13.14 | 4.7991 |
| 5.63094907 | 14.3 | 31.7235 | 5.81856482 | 14.1 | 19.2119 | 6.00606482 | 13.15 | 4.8526 |
| 5.63106482 | 14.3 | 31.7601 | 5.81868056 | 14.09 | 19.4079 | 6.00618056 | 13.14 | 4.8491 |
| 5.63118056 | 14.31 | 31.5332 | 5.8187963 | 14.09 | 19.5171 | 6.0062963 | 13.15 | 4.9892 |
| 5.6312963 | 14.31 | 31.7572 | 5.81891204 | 14.1 | 19.285 | 6.00641204 | 13.15 | 5.1506 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63141204 | 14.31 | 31.8886 | 5.81902778 | 14.12 | 19.1568 | 6.00652778 | 13.15 | 5.1871 |
| 5.63152778 | 14.3 | 31.918 | 5.81914352 | 14.13 | 18.2116 | 6.00664352 | 13.15 | 5.1519 |
| 5.63164352 | 14.31 | 31.8517 | 5.81925926 | 14.12 | 18.5517 | 6.00675926 | 13.16 | 5.4931 |
| 5.63175926 | 14.3 | 31.955 | 5.819375 | 14.14 | 18.469 | 6.006875 | 13.16 | 5.6503 |
| 5.631875 | 14.3 | 31.9444 | 5.81949074 | 14.16 | 18.7347 | 6.00699074 | 13.16 | 5.5625 |
| 5.63199074 | 14.3 | 31.9656 | 5.81960648 | 14.16 | 19.0649 | 6.00710648 | 13.15 | 5.461 |
| 5.63210648 | 14.3 | 31.9286 | 5.81972222 | 14.14 | 19.1156 | 6.00722222 | 13.16 | 5.5151 |
| 5.63222222 | 14.29 | 32.0322 | 5.81983796 | 14.16 | 18.3653 | 6.00733796 | 13.15 | 5.5516 |
| 5.63233796 | 14.29 | 31.9951 | 5.8199537 | 14.16 | 18.201 | 6.0074537 | 13.16 | 5.5919 |
| 5.6324537 | 14.29 | 32.1282 | 5.82006944 | 14.16 | 18.454 | 6.00756944 | 13.18 | 5.783 |
| 5.63256944 | 14.3 | 31.8494 | 5.82018519 | 14.16 | 18.5069 | 6.00768519 | 13.18 | 5.7182 |
| 5.63268519 | 14.33 | 31.6676 | 5.82030093 | 14.16 | 18.4467 | 6.00780093 | 13.16 | 5.819 |
| 5.63280093 | 14.33 | 31.7094 | 5.82041667 | 14.16 | 18.3455 | 6.00791667 | 13.18 | 6.1206 |
| 5.63291667 | 14.33 | 31.7408 | 5.82053241 | 14.16 | 18.12 | 6.00803241 | 13.21 | 6.4245 |
| 5.63303241 | 14.33 | 31.7355 | 5.82064815 | 14.14 | 18.2994 | 6.00814815 | 13.19 | 6.2621 |
| 5.63314815 | 14.33 | 31.7198 | 5.82076389 | 14.14 | 17.8544 | 6.00826389 | 13.19 | 6.5658 |
| 5.63326389 | 14.34 | 31.7012 | 5.82087963 | 14.14 | 17.8255 | 6.00837963 | 13.21 | 6.6155 |
| 5.63337963 | 14.34 | 31.696 | 5.82099537 | 14.16 | 18.1112 | 6.00849537 | 13.19 | 6.5864 |
| 5.63349537 | 14.33 | 31.6728 | 5.82111111 | 14.16 | 18.0518 | 6.00861111 | 13.21 | 6.7923 |
| 5.63361111 | 14.34 | 31.5036 | 5.82122685 | 14.16 | 18.0292 | 6.00872685 | 13.19 | 6.3838 |
| 5.63372685 | 14.33 | 31.5221 | 5.82134259 | 14.16 | 18.2579 | 6.00884259 | 13.18 | 6.4267 |
| 5.63384259 | 14.34 | 31.5243 | 5.82145833 | 14.17 | 18.442 | 6.00895833 | 13.19 | 6.5043 |
| 5.63395833 | 14.33 | 31.5947 | 5.82157407 | 14.17 | 19.481 | 6.00907407 | 13.18 | 6.4928 |
| 5.63407407 | 14.33 | 31.4034 | 5.82168982 | 14.19 | 20.24 | 6.00918982 | 13.19 | 6.4286 |
| 5.63418982 | 14.33 | 31.4498 | 5.82180556 | 14.2 | 19.8617 | 6.00930556 | 13.19 | 6.4286 |
| 5.63430556 | 14.34 | 31.1553 | 5.8219213 | 14.16 | 18.6452 | 6.0094213 | 13.16 | 5.9501 |
| 5.6344213 | 14.34 | 31.2877 | 5.82203704 | 14.14 | 18.5513 | 6.00953704 | 13.15 | 5.6452 |
| 5.63453704 | 14.34 | 30.4343 | 5.82215278 | 14.14 | 18.5256 | 6.00965278 | 13.15 | 5.5477 |
| 5.63465278 | 14.37 | 29.9686 | 5.82226852 | 14.14 | 18.4399 | 6.00976852 | 13.16 | 5.4448 |
| 5.63476852 | 14.36 | 30.081 | 5.82238426 | 14.14 | 18.4945 | 6.00988426 | 13.15 | 5.6334 |
| 5.63488426 | 14.36 | 30.9626 | 5.8225 | 14.16 | 18.9471 | 6.01 | 13.15 | 5.6743 |
| 5.635 | 14.36 | 29.7079 | 5.82261574 | 14.16 | 19.2691 | 6.01011574 | 13.15 | 5.6505 |
| 5.63511574 | 14.36 | 30.0429 | 5.82273148 | 14.13 | 18.7398 | 6.01023148 | 13.15 | 5.6419 |
| 5.63523148 | 14.34 | 31.1502 | 5.82284722 | 14.13 | 18.8568 | 6.01034722 | 13.16 | 5.6999 |
| 5.63534722 | 14.4 | 29.1039 | 5.82296296 | 14.13 | 18.6429 | 6.01046296 | 13.16 | 5.5449 |
| 5.63546296 | 14.36 | 31.2307 | 5.8230787 | 14.13 | 18.331 | 6.0105787 | 13.16 | 5.6253 |
| 5.6355787 | 14.34 | 31.3543 | 5.82319444 | 14.13 | 18.4447 | 6.01069444 | 13.18 | 5.8564 |
| 5.63569444 | 14.37 | 29.5468 | 5.82331019 | 14.13 | 18.0466 | 6.01081019 | 13.16 | 5.6695 |
| 5.63581019 | 14.36 | 30.7281 | 5.82342593 | 14.13 | 18.2987 | 6.01092593 | 13.18 | 5.0354 |
| 5.63592593 | 14.36 | 30.9275 | 5.82354167 | 14.14 | 18.0004 | 6.01104167 | 13.18 | 5.3016 |
| 5.63604167 | 14.34 | 31.2826 | 5.82365741 | 14.14 | 18.5752 | 6.01115741 | 13.18 | 4.9433 |
| 5.63615741 | 14.34 | 31.2877 | 5.82377315 | 14.13 | 18.4447 | 6.01127315 | 13.18 | 5.347 |
| 5.63627315 | 14.34 | 31.4778 | 5.82388889 | 14.12 | 18.5554 | 6.01138889 | 13.19 | 5.6308 |
| 5.63638889 | 14.34 | 31.3337 | 5.82400463 | 14.13 | 18.0519 | 6.01150463 | 13.19 | 5.6413 |
| 5.63650463 | 14.34 | 31.2928 | 5.82412037 | 14.13 | 18.6521 | 6.01162037 | 13.18 | 5.9374 |
| 5.63662037 | 14.36 | 31.124 | 5.82423611 | 14.13 | 18.4012 | 6.01173611 | 13.18 | 5.2053 |
| 5.63673611 | 14.36 | 31.028 | 5.82435185 | 14.13 | 18.0484 | 6.01185185 | 13.18 | 5.6066 |
| 5.63685185 | 14.36 | 31.0129 | 5.82446759 | 14.16 | 19.0513 | 6.01196759 | 13.18 | 6.3115 |
| 5.63696759 | 14.36 | 31.0734 | 5.82458333 | 14.16 | 19.2315 | 6.01208333 | 13.21 | 6.912 |
| 5.63708333 | 14.36 | 31.1697 | 5.82469907 | 14.14 | 19.0533 | 6.01219907 | 13.22 | 7.1204 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63719907 | 14.36 | 31.1139 | 5.82481482 | 14.14 | 18.9819 | 6.01231482 | 13.22 | 7.1695 |
| 5.63731482 | 14.36 | 31.0633 | 5.82493056 | 14.14 | 18.8046 | 6.01243056 | 13.24 | 7.5561 |
| 5.63743056 | 14.36 | 31.0936 | 5.8250463 | 14.16 | 20.0574 | 6.0125463 | 13.22 | 7.0252 |
| 5.6375463 | 14.36 | 31.1088 | 5.82516204 | 14.14 | 19.2196 | 6.01266204 | 13.24 | 7.2026 |
| 5.63766204 | 14.36 | 31.2103 | 5.82527778 | 14.14 | 18.869 | 6.01277778 | 13.21 | 6.7061 |
| 5.63777778 | 14.36 | 31.1494 | 5.82539352 | 14.16 | 19.5206 | 6.01289352 | 13.24 | 7.2481 |
| 5.63789352 | 14.36 | 31.124 | 5.82550926 | 14.14 | 19.6725 | 6.01300926 | 13.22 | 6.7627 |
| 5.63800926 | 14.36 | 30.9927 | 5.825625 | 14.17 | 22.1084 | 6.013125 | 13.22 | 6.682 |
| 5.638125 | 14.36 | 31.1595 | 5.82574074 | 14.14 | 19.293 | 6.01324074 | 13.22 | 6.6842 |
| 5.63824074 | 14.34 | 31.2061 | 5.82585648 | 14.13 | 19.548 | 6.01335648 | 13.22 | 6.0613 |
| 5.63835648 | 14.36 | 30.9927 | 5.82597222 | 14.13 | 18.9829 | 6.01347222 | 13.22 | 6.0586 |
| 5.63847222 | 14.36 | 31.1747 | 5.82608796 | 14.13 | 18.5487 | 6.01358796 | 13.22 | 6.4955 |
| 5.63858796 | 14.36 | 31.1595 | 5.8262037 | 14.13 | 18.9925 | 6.0137037 | 13.21 | 6.4325 |
| 5.6387037 | 14.36 | 31.2205 | 5.82631944 | 14.14 | 18.4854 | 6.01381944 | 13.21 | 6.4804 |
| 5.63881944 | 14.36 | 31.1494 | 5.82643519 | 14.13 | 19.0563 | 6.01393519 | 13.22 | 6.6537 |
| 5.63893519 | 14.37 | 30.9848 | 5.82655093 | 14.13 | 19.8764 | 6.01405093 | 13.19 | 6.3356 |
| 5.63905093 | 14.36 | 31.023 | 5.82666667 | 14.13 | 18.5396 | 6.01416667 | 13.25 | 7.3482 |
| 5.63916667 | 14.37 | 31.0149 | 5.82678241 | 14.12 | 17.8143 | 6.01428241 | 13.32 | 8.337 |
| 5.63928241 | 14.36 | 30.8924 | 5.82689815 | 14.12 | 18.2642 | 6.01439815 | 13.45 | 9.0464 |
| 5.63939815 | 14.36 | 30.8076 | 5.82701389 | 14.13 | 18.3687 | 6.01451389 | 13.46 | 8.799 |
| 5.63951389 | 14.37 | 30.5231 | 5.82712963 | 14.13 | 18.6132 | 6.01462963 | 13.46 | 8.8735 |
| 5.63962963 | 14.36 | 30.7827 | 5.82724537 | 14.14 | 19.2691 | 6.01474537 | 13.49 | 9.0963 |
| 5.63974537 | 14.36 | 30.9927 | 5.82736111 | 14.14 | 19.7452 | 6.01486111 | 13.46 | 8.7021 |
| 5.63986111 | 14.36 | 30.4772 | 5.82747685 | 14.14 | 19.7913 | 6.01497685 | 13.49 | 9.1883 |
| 5.63997685 | 14.37 | 30.5771 | 5.82759259 | 14.14 | 19.7307 | 6.01509259 | 13.49 | 9.4904 |
| 5.64009259 | 14.37 | 30.3913 | 5.82770833 | 14.13 | 19.1166 | 6.01520833 | 13.49 | 9.3702 |
| 5.64020833 | 14.36 | 30.6786 | 5.82782407 | 14.1 | 18.5612 | 6.01532407 | 13.46 | 8.6986 |
| 5.64032407 | 14.39 | 29.3613 | 5.82793982 | 14.13 | 19.2463 | 6.01543982 | 13.48 | 9.3571 |
| 5.64043982 | 14.39 | 29.3156 | 5.82805556 | 14.13 | 19.0757 | 6.01555556 | 13.46 | 9.0377 |
| 5.64055556 | 14.39 | 30.0817 | 5.8281713 | 14.1 | 17.8984 | 6.0156713 | 13.48 | 9.327 |
| 5.6406713 | 14.37 | 30.1979 | 5.82828704 | 14.09 | 17.8468 | 6.01578704 | 13.48 | 8.9838 |
| 5.64078704 | 14.37 | 30.3282 | 5.82840278 | 14.07 | 16.4254 | 6.01590278 | 13.43 | 8.2618 |
| 5.64090278 | 14.37 | 30.3767 | 5.82851852 | 14.09 | 16.9962 | 6.01601852 | 13.38 | 7.5512 |
| 5.64101852 | 14.4 | 29.3354 | 5.82863426 | 14.1 | 17.341 | 6.01613426 | 13.29 | 6.0662 |
| 5.64113426 | 14.4 | 28.55 | 5.82875 | 14.09 | 17.5523 | 6.01625 | 13.29 | 6.1492 |
| 5.64125 | 14.37 | 30.8745 | 5.82886574 | 14.1 | 17.9533 | 6.01636574 | 13.31 | 6.2305 |
| 5.64136574 | 14.36 | 31.0734 | 5.82898148 | 14.1 | 17.1026 | 6.01648148 | 13.29 | 6.3392 |
| 5.64148148 | 14.37 | 30.9295 | 5.82909722 | 14.12 | 17.6131 | 6.01659722 | 13.29 | 6.3027 |
| 5.64159722 | 14.36 | 31.033 | 5.82921296 | 14.1 | 17.0744 | 6.01671296 | 13.29 | 6.2749 |
| 5.64171296 | 14.37 | 31.2278 | 5.8293287 | 14.09 | 16.9575 | 6.0168287 | 13.31 | 5.9761 |
| 5.6418287 | 14.36 | 31.1544 | 5.82944444 | 14.07 | 16.481 | 6.01694444 | 13.28 | 5.7266 |
| 5.64194444 | 14.36 | 31.124 | 5.82956019 | 14.1 | 17.0744 | 6.01706019 | 13.29 | 6.3989 |
| 5.64206019 | 14.36 | 31.1544 | 5.82967593 | 14.1 | 17.0884 | 6.01717593 | 13.31 | 6.4614 |
| 5.64217593 | 14.36 | 31.0835 | 5.82979167 | 14.1 | 16.9902 | 6.01729167 | 13.29 | 6.1366 |
| 5.64229167 | 14.37 | 31.0049 | 5.82990741 | 14.1 | 17.3765 | 6.01740741 | 13.26 | 6.0156 |
| 5.64240741 | 14.36 | 31.0987 | 5.83002315 | 14.12 | 17.2488 | 6.01752315 | 13.28 | 6.2368 |
| 5.64252315 | 14.37 | 31.0049 | 5.83013889 | 14.1 | 16.7877 | 6.01763889 | 13.29 | 6.8279 |
| 5.64263889 | 14.37 | 31.0603 | 5.83025463 | 14.06 | 15.5039 | 6.01775463 | 13.29 | 6.3514 |
| 5.64275463 | 14.37 | 31.1312 | 5.83037037 | 14.06 | 16.1091 | 6.01787037 | 13.29 | 6.2956 |
| 5.64287037 | 14.37 | 31.0603 | 5.83048611 | 14.12 | 17.8807 | 6.01798611 | 13.28 | 6.5299 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64298611 | 14.37 | 31.0402 | 5.83060185 | 14.07 | 16.315 | 6.01810185 | 13.26 | 5.7004 |
| 5.64310185 | 14.37 | 31.0603 | 5.83071759 | 14.1 | 17.5051 | 6.01821759 | 13.28 | 6.0021 |
| 5.64321759 | 14.37 | 31.1008 | 5.83083333 | 14.09 | 17.4671 | 6.01833333 | 13.28 | 5.3851 |
| 5.64333333 | 14.37 | 31.2023 | 5.83094907 | 14.09 | 17.9167 | 6.01844907 | 13.29 | 6.1942 |
| 5.64344907 | 14.37 | 31.0301 | 5.83106482 | 14.09 | 17.6151 | 6.01856482 | 13.28 | 5.8001 |
| 5.64356482 | 14.37 | 30.646 | 5.83118056 | 14.09 | 17.3535 | 6.01868056 | 13.28 | 5.8109 |
| 5.64368056 | 14.39 | 29.7832 | 5.8312963 | 14.1 | 18.3308 | 6.0187963 | 13.29 | 6.1633 |
| 5.6437963 | 14.4 | 29.1898 | 5.83141204 | 14.12 | 18.8275 | 6.01891204 | 13.31 | 6.4158 |
| 5.64391204 | 14.39 | 30.4585 | 5.83152778 | 14.12 | 18.9974 | 6.01902778 | 13.29 | 5.4829 |
| 5.64402778 | 14.37 | 30.6954 | 5.83164352 | 14.09 | 17.368 | 6.01914352 | 13.29 | 5.9423 |
| 5.64414352 | 14.36 | 31.2358 | 5.83175926 | 14.07 | 17.1394 | 6.01925926 | 13.28 | 5.527 |
| 5.64425926 | 14.37 | 30.7202 | 5.831875 | 14.07 | 16.7855 | 6.019375 | 13.29 | 5.3665 |
| 5.644375 | 14.39 | 29.9911 | 5.83199074 | 14.06 | 16.9382 | 6.01949074 | 13.33 | 6.4059 |
| 5.64449074 | 14.37 | 30.9546 | 5.83210648 | 14.07 | 17.7377 | 6.01960648 | 13.33 | 6.6525 |
| 5.64460648 | 14.37 | 31.0957 | 5.83222222 | 14.07 | 18.0207 | 6.01972222 | 13.31 | 5.5317 |
| 5.64472222 | 14.36 | 30.7728 | 5.83233796 | 14.09 | 18.6602 | 6.01983796 | 13.32 | 5.8927 |
| 5.64483796 | 14.37 | 30.7202 | 5.8324537 | 14.07 | 17.5088 | 6.0199537 | 13.36 | 6.512 |
| 5.6449537 | 14.36 | 31.1951 | 5.83256944 | 14.09 | 18.0618 | 6.02006944 | 13.36 | 5.9383 |
| 5.64506944 | 14.36 | 31.0633 | 5.83268519 | 14.09 | 18.0166 | 6.02018519 | 13.35 | 5.7943 |
| 5.64518519 | 14.36 | 31.1494 | 5.83280093 | 14.12 | 22.3154 | 6.02030093 | 13.36 | 6.2706 |
| 5.64530093 | 14.36 | 31.2818 | 5.83291667 | 14.04 | 16.8426 | 6.02041667 | 13.39 | 7.038 |
| 5.64541667 | 14.36 | 31.2358 | 5.83303241 | 14.03 | 16.4263 | 6.02053241 | 13.41 | 6.4215 |
| 5.64553241 | 14.37 | 30.6559 | 5.83314815 | 14.03 | 17.3594 | 6.02064815 | 13.39 | 6.4516 |
| 5.64564815 | 14.36 | 31.0381 | 5.83326389 | 14.04 | 17.0445 | 6.02076389 | 13.42 | 6.9565 |
| 5.64576389 | 14.36 | 30.9275 | 5.83337963 | 14.04 | 16.8564 | 6.02087963 | 13.46 | 8.2801 |
| 5.64587963 | 14.36 | 30.9827 | 5.83349537 | 14.04 | 17.431 | 6.02099537 | 13.41 | 6.6431 |
| 5.64599537 | 14.36 | 30.8724 | 5.83361111 | 14.04 | 17.9399 | 6.02111111 | 13.41 | 6.6202 |
| 5.64611111 | 14.37 | 30.6608 | 5.83372685 | 14.06 | 17.4986 | 6.02122685 | 13.39 | 6.3952 |
| 5.64622685 | 14.44 | 25.5413 | 5.83384259 | 14.07 | 19.1267 | 6.02134259 | 13.36 | 6.1668 |
| 5.64634259 | 14.4 | 29.7615 | 5.83395833 | 14.04 | 17.278 | 6.02145833 | 13.42 | 6.6747 |
| 5.64645833 | 14.37 | 30.8096 | 5.83407407 | 14.03 | 16.7544 | 6.02157407 | 13.45 | 6.6118 |
| 5.64657407 | 14.37 | 30.7599 | 5.83418982 | 14.04 | 16.984 | 6.02168982 | 13.48 | 7.1647 |
| 5.64668982 | 14.37 | 30.8445 | 5.83430556 | 14.03 | 16.8302 | 6.02180556 | 13.46 | 6.6286 |
| 5.64680556 | 14.37 | 30.8645 | 5.8344213 | 14.04 | 16.9192 | 6.0219213 | 13.32 | 5.1815 |
| 5.6469213 | 14.37 | 30.8046 | 5.83453704 | 14.03 | 16.7303 | 6.02203704 | 13.42 | 6.4807 |
| 5.64703704 | 14.39 | 30.739 | 5.83465278 | 14.02 | 16.6431 | 6.02215278 | 13.43 | 6.6219 |
| 5.64715278 | 14.39 | 30.1343 | 5.83476852 | 14 | 15.5453 | 6.02226852 | 13.45 | 6.6978 |
| 5.64726852 | 14.39 | 30.527 | 5.83488426 | 14 | 15.8217 | 6.02238426 | 13.45 | 6.7433 |
| 5.64738426 | 14.39 | 30.744 | 5.835 | 13.97 | 14.9803 | 6.0225 | 13.43 | 6.2543 |
| 5.6475 | 14.37 | 30.646 | 5.83511574 | 13.97 | 15.3914 | 6.02261574 | 13.48 | 6.4735 |
| 5.64761574 | 14.39 | 29.9959 | 5.83523148 | 13.97 | 15.1388 | 6.02273148 | 13.33 | 5.3813 |
| 5.64773148 | 14.39 | 30.0435 | 5.83534722 | 14 | 16.1355 | 6.02284722 | 13.29 | 5.3229 |
| 5.64784722 | 14.37 | 30.8445 | 5.83546296 | 13.96 | 14.9234 | 6.02296296 | 13.35 | 5.7348 |
| 5.64796296 | 14.37 | 30.1307 | 5.8355787 | 13.96 | 15.2905 | 6.0230787 | 13.29 | 5.1818 |
| 5.6480787 | 14.39 | 29.6336 | 5.83569444 | 13.95 | 14.7195 | 6.02319444 | 13.18 | 4.5643 |
| 5.64819444 | 14.39 | 30.0101 | 5.83581019 | 13.93 | 14.828 | 6.02331019 | 13.19 | 4.7853 |
| 5.64831019 | 14.39 | 30.3416 | 5.83592593 | 13.93 | 14.7544 | 6.02342593 | 13.19 | 4.6819 |
| 5.64842593 | 14.39 | 30.2353 | 5.83604167 | 13.92 | 14.4304 | 6.02354167 | 13.19 | 4.6894 |
| 5.64854167 | 14.36 | 30.9275 | 5.83615741 | 13.92 | 14.5009 | 6.02365741 | 13.19 | 4.8204 |
| 5.64865741 | 14.37 | 30.7599 | 5.83627315 | 13.9 | 14.375 | 6.02377315 | 13.18 | 4.7236 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64877315 | 14.37 | 30.745 | 5.83638889 | 13.92 | 14.5558 | 6.02388889 | 13.21 | 4.8882 |
| 5.64888889 | 14.37 | 31.0301 | 5.83650463 | 13.93 | 14.4801 | 6.02400463 | 13.18 | 4.7795 |
| 5.64900463 | 14.39 | 28.2297 | 5.83662037 | 13.95 | 14.5923 | 6.02412037 | 13.19 | 4.8116 |
| 5.64912037 | 14.37 | 30.1067 | 5.83673611 | 13.95 | 14.6699 | 6.02423611 | 13.18 | 4.7335 |
| 5.64923611 | 14.39 | 29.311 | 5.83685185 | 13.97 | 14.7032 | 6.02435185 | 13.18 | 4.7138 |
| 5.64935185 | 14.43 | 26.2199 | 5.83696759 | 13.97 | 15.1401 | 6.02446759 | 13.16 | 4.6844 |
| 5.64946759 | 14.48 | 22.7847 | 5.83708333 | 13.96 | 15.0657 | 6.02458333 | 13.16 | 4.5293 |
| 5.64958333 | 14.54 | 20.414 | 5.83719907 | 13.92 | 14.405 | 6.02469907 | 13.18 | 4.6619 |
| 5.64969907 | 14.4 | 30.1745 | 5.83731482 | 13.92 | 14.4292 | 6.02481482 | 13.18 | 4.7051 |
| 5.64981482 | 14.39 | 30.6944 | 5.83743056 | 13.9 | 14.2729 | 6.02493056 | 13.18 | 4.6826 |
| 5.64993056 | 14.37 | 30.745 | 5.8375463 | 13.92 | 14.7707 | 6.0250463 | 13.19 | 4.7427 |
| 5.6500463 | 14.39 | 30.1919 | 5.83766204 | 13.92 | 14.5534 | 6.02516204 | 13.21 | 4.8103 |
| 5.65016204 | 14.37 | 30.8895 | 5.83777778 | 13.92 | 14.3303 | 6.02527778 | 13.16 | 4.5344 |
| 5.65027778 | 14.36 | 31.1849 | 5.83789352 | 13.93 | 14.4303 | 6.02539352 | 13.21 | 4.9227 |
| 5.65039352 | 14.36 | 31.1443 | 5.83800926 | 13.93 | 14.2583 | 6.02550926 | 13.29 | 7.7016 |
| 5.65050926 | 14.36 | 31.565 | 5.838125 | 13.95 | 14.525 | 6.025625 | 13.22 | 4.9 |
| 5.650625 | 14.36 | 31.124 | 5.83824074 | 13.93 | 14.2046 | 6.02574074 | 13.22 | 4.997 |
| 5.65074074 | 14.47 | 23.0888 | 5.83835648 | 13.92 | 14.2119 | 6.02585648 | 13.24 | 5.2551 |
| 5.65085648 | 14.41 | 28.8238 | 5.83847222 | 13.92 | 14.1489 | 6.02597222 | 13.21 | 4.8811 |
| 5.65097222 | 14.36 | 31.033 | 5.83858796 | 13.93 | 14.0332 | 6.02608796 | 13.21 | 4.9922 |
| 5.65108796 | 14.44 | 24.7276 | 5.8387037 | 13.95 | 14.1119 | 6.0262037 | 13.22 | 5.1505 |
| 5.6512037 | 14.41 | 27.9866 | 5.83881944 | 13.96 | 14.5164 | 6.02631944 | 13.18 | 4.5433 |
| 5.65131944 | 14.39 | 29.6383 | 5.83893519 | 13.93 | 14.1417 | 6.02643519 | 13.24 | 5.3298 |
| 5.65143519 | 14.39 | 30.053 | 5.83905093 | 13.95 | 14.6145 | 6.02655093 | 13.16 | 4.561 |
| 5.65155093 | 14.37 | 30.7004 | 5.83916667 | 13.93 | 14.1027 | 6.02666667 | 13.22 | 5.0575 |
| 5.65166667 | 14.36 | 31.1798 | 5.83928241 | 13.93 | 14.1476 | 6.02678241 | 13.19 | 4.7929 |
| 5.65178241 | 14.36 | 31.508 | 5.83939815 | 13.92 | 14.0957 | 6.02689815 | 13.22 | 5.0054 |
| 5.65189815 | 14.36 | 31.5495 | 5.83951389 | 13.92 | 14.1525 | 6.02701389 | 13.18 | 4.6109 |
| 5.65201389 | 14.36 | 31.2715 | 5.83962963 | 13.92 | 13.8896 | 6.02712963 | 13.18 | 4.6734 |
| 5.65212963 | 14.37 | 30.8595 | 5.83974537 | 13.9 | 13.6102 | 6.02724537 | 13.28 | 5.7419 |
| 5.65224537 | 14.37 | 30.3719 | 5.83986111 | 13.87 | 13.946 | 6.02736111 | 13.26 | 5.4255 |
| 5.65236111 | 14.36 | 30.6293 | 5.83997685 | 13.87 | 13.4845 | 6.02747685 | 13.38 | 6.9165 |
| 5.65247685 | 14.36 | 31.1849 | 5.84009259 | 13.85 | 13.5833 | 6.02759259 | 13.42 | 7.0796 |
| 5.65259259 | 14.36 | 31.2154 | 5.84020833 | 13.85 | 12.9942 | 6.02770833 | 13.41 | 7.2444 |
| 5.65270833 | 14.34 | 31.2316 | 5.84032407 | 13.9 | 15.2024 | 6.02782407 | 13.31 | 5.5668 |
| 5.65282407 | 14.36 | 30.9626 | 5.84043982 | 13.87 | 13.8831 | 6.02793982 | 13.36 | 6.4089 |
| 5.65293982 | 14.36 | 31.3894 | 5.84055556 | 13.9 | 14.8145 | 6.02805556 | 13.38 | 6.4258 |
| 5.65305556 | 14.36 | 30.443 | 5.8406713 | 13.87 | 13.6139 | 6.0281713 | 13.46 | 7.2687 |
| 5.6531713 | 14.36 | 30.743 | 5.84078704 | 13.89 | 14.1043 | 6.02828704 | 13.49 | 7.2796 |
| 5.65328704 | 14.36 | 30.9375 | 5.84090278 | 13.87 | 13.6721 | 6.02840278 | 13.51 | 7.5685 |
| 5.65340278 | 14.37 | 29.7986 | 5.84101852 | 13.83 | 12.2451 | 6.02851852 | 13.49 | 7.6226 |
| 5.65351852 | 14.37 | 29.6862 | 5.84113426 | 13.77 | 11.1654 | 6.02863426 | 13.45 | 6.6451 |
| 5.65363426 | 14.39 | 29.3934 | 5.84125 | 13.77 | 11.1077 | 6.02875 | 13.36 | 5.8176 |
| 5.65375 | 14.41 | 27.3208 | 5.84136574 | 13.86 | 14.7836 | 6.02886574 | 13.31 | 5.322 |
| 5.65386574 | 14.4 | 29.3126 | 5.84148148 | 13.95 | 17.5549 | 6.02898148 | 13.52 | 8.134 |
| 5.65398148 | 14.39 | 29.9911 | 5.84159722 | 13.83 | 11.0845 | 6.02909722 | 13.53 | 7.5896 |
| 5.65409722 | 14.39 | 29.5085 | 5.84171296 | 13.83 | 12.4712 | 6.02921296 | 13.52 | 7.0712 |
| 5.65421296 | 14.4 | 29.1807 | 5.8418287 | 14.04 | 23.0186 | 6.0293287 | 13.49 | 6.6997 |
| 5.6543287 | 14.41 | 28.2194 | 5.84194444 | 13.86 | 12.3302 | 6.02944444 | 13.48 | 6.5267 |
| 5.65444444 | 14.43 | 27.5907 | 5.84206019 | 14.04 | 23.0186 | 6.02956019 | 13.42 | 6.0888 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65456019 | 14.39 | 29.6057 | 5.84217593 | 14.1 | 25.6913 | 6.02967593 | 13.48 | 6.7785 |
| 5.65467593 | 14.37 | 30.6806 | 5.84229167 | 13.99 | 18.5534 | 6.02979167 | 13.51 | 7.389 |
| 5.65479167 | 14.37 | 30.7947 | 5.84240741 | 13.96 | 17.5029 | 6.02990741 | 13.52 | 8.1264 |
| 5.65490741 | 14.36 | 31.0734 | 5.84252315 | 14.09 | 24.2656 | 6.03002315 | 13.51 | 7.665 |
| 5.65502315 | 14.36 | 31.1849 | 5.84263889 | 13.95 | 16.6255 | 6.03013889 | 13.48 | 6.6155 |
| 5.65513889 | 14.34 | 31.3748 | 5.84275463 | 13.95 | 16.8971 | 6.03025463 | 13.49 | 7.5313 |
| 5.65525463 | 14.34 | 31.6125 | 5.84287037 | 13.9 | 14.1728 | 6.03037037 | 13.51 | 7.626 |
| 5.65537037 | 14.33 | 31.678 | 5.84298611 | 13.86 | 12.6505 | 6.03048611 | 13.46 | 6.6197 |
| 5.65548611 | 14.34 | 31.5917 | 5.84310185 | 14.02 | 21.0647 | 6.03060185 | 13.42 | 6.4495 |
| 5.65560185 | 14.34 | 31.5813 | 5.84321759 | 13.97 | 16.2936 | 6.03071759 | 13.36 | 6.19 |
| 5.65571759 | 14.34 | 31.5606 | 5.84333333 | 14.1 | 24.2912 | 6.03083333 | 13.28 | 4.8906 |
| 5.65583333 | 14.34 | 31.514 | 5.84344907 | 14 | 20.4932 | 6.03094907 | 13.31 | 5.2387 |
| 5.65594907 | 14.37 | 29.747 | 5.84356482 | 13.97 | 16.3644 | 6.03106482 | 13.26 | 5.0135 |
| 5.65606482 | 14.4 | 28.2566 | 5.84368056 | 13.87 | 13.2892 | 6.03118056 | 13.32 | 5.9575 |
| 5.65618056 | 14.44 | 26.4043 | 5.8437963 | 13.87 | 13.5275 | 6.0312963 | 13.29 | 5.3951 |
| 5.6562963 | 14.41 | 28.2109 | 5.84391204 | 13.9 | 13.4831 | 6.03141204 | 13.26 | 5.3283 |
| 5.65641204 | 14.39 | 29.8916 | 5.84402778 | 13.85 | 10.7259 | 6.03152778 | 13.29 | 6.0006 |
| 5.65652778 | 14.39 | 29.9294 | 5.84414352 | 13.83 | 10.9747 | 6.03164352 | 13.28 | 5.4227 |
| 5.65664352 | 14.41 | 27.564 | 5.84425926 | 13.83 | 10.7929 | 6.03175926 | 13.29 | 6.0857 |
| 5.65675926 | 14.39 | 29.5686 | 5.844375 | 13.86 | 10.6987 | 6.031875 | 13.26 | 5.4274 |
| 5.656875 | 14.41 | 27.0146 | 5.84449074 | 13.86 | 10.9711 | 6.03199074 | 13.24 | 4.8524 |
| 5.65699074 | 14.47 | 24.7853 | 5.84460648 | 13.86 | 11.4024 | 6.03210648 | 13.25 | 5.1078 |
| 5.65710648 | 14.44 | 27.1281 | 5.84472222 | 13.86 | 11.6373 | 6.03222222 | 13.26 | 5.4473 |
| 5.65722222 | 14.41 | 28.547 | 5.84483796 | 13.86 | 11.5864 | 6.03233796 | 13.31 | 5.8976 |
| 5.65733796 | 14.46 | 25.3698 | 5.8449537 | 13.87 | 11.5307 | 6.0324537 | 13.28 | 5.7373 |
| 5.6574537 | 14.53 | 21.5728 | 5.84506944 | 13.87 | 11.8656 | 6.03256944 | 13.42 | 10.8965 |
| 5.65756944 | 14.47 | 25.7393 | 5.84518519 | 13.89 | 11.88 | 6.03268519 | 13.28 | 5.1937 |
| 5.65768519 | 14.39 | 31.009 | 5.84530093 | 13.93 | 11.6183 | 6.03280093 | 13.26 | 5.0699 |
| 5.65780093 | 14.37 | 31.1718 | 5.84541667 | 13.95 | 12.134 | 6.03291667 | 13.21 | 4.4668 |
| 5.65791667 | 14.37 | 30.44 | 5.84553241 | 13.93 | 12.5112 | 6.03303241 | 13.18 | 4.1394 |
| 5.65803241 | 14.39 | 30.2545 | 5.84564815 | 13.93 | 12.1517 | 6.03314815 | 13.08 | 0.1883 |
| 5.65814815 | 14.37 | 30.3476 | 5.84576389 | 13.92 | 11.7334 | 6.03326389 | 13.04 | 0.1624 |
| 5.65826389 | 14.39 | 29.9531 | 5.84587963 | 13.95 | 13.3757 | 6.03337963 | 12.97 | 0.1602 |
| 5.65837963 | 14.39 | 29.6476 | 5.84599537 | 13.95 | 12.6136 | 6.03349537 | 12.97 | 0.1561 |
| 5.65849537 | 14.4 | 29.0229 | 5.84611111 | 13.95 | 12.6941 | 6.03361111 | 12.98 | 0.1546 |
| 5.65861111 | 14.4 | 28.5195 | 5.84622685 | 13.99 | 16.0059 | 6.03372685 | 13.22 | 6.613 |
| 5.65872685 | 14.41 | 28.4558 | 5.84634259 | 14.04 | 18.1621 | 6.03384259 | 13.36 | 9.725 |
| 5.65884259 | 14.4 | 29.1852 | 5.84645833 | 14 | 15.5801 | 6.03395833 | 13.68 | 19.3207 |
| 5.65895833 | 14.4 | 29.3217 | 5.84657407 | 14 | 15.9003 | 6.03407407 | 13.45 | 10.5229 |
| 5.65907407 | 14.43 | 27.4846 | 5.84668982 | 13.99 | 14.543 | 6.03418982 | 13.43 | 9.6227 |
| 5.65918982 | 14.41 | 28.2621 | 5.84680556 | 13.99 | 15.1735 | 6.03430556 | 13.42 | 8.3883 |
| 5.65930556 | 14.43 | 26.8909 | 5.8469213 | 14.03 | 20.3171 | 6.0344213 | 13.45 | 10.4261 |
| 5.6594213 | 14.5 | 23.3383 | 5.84703704 | 14.03 | 18.2161 | 6.03453704 | 13.7 | 19.4057 |
| 5.65953704 | 14.44 | 27.4126 | 5.84715278 | 14 | 15.0412 | 6.03465278 | 13.52 | 11.396 |
| 5.65965278 | 14.44 | 27.1201 | 5.84726852 | 13.99 | 14.9992 | 6.03476852 | 13.52 | 11.7608 |
| 5.65976852 | 14.41 | 28.5383 | 5.84738426 | 14.06 | 20.7249 | 6.03488426 | 13.65 | 16.3901 |
| 5.65988426 | 14.4 | 28.9023 | 5.8475 | 13.97 | 13.133 | 6.035 | 13.63 | 15.4467 |
| 5.66 | 14.4 | 29.4317 | 5.84761574 | 13.96 | 13.2494 | 6.03511574 | 13.48 | 9.4864 |
| 5.66011574 | 14.4 | 29.308 | 5.84773148 | 14.06 | 20.8081 | 6.03523148 | 13.39 | 7.0688 |
| 5.66023148 | 14.39 | 30.2015 | 5.84784722 | 13.97 | 13.2515 | 6.03534722 | 13.41 | 8.5046 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66034722 | 14.4 | 29.4547 | 5.84796296 | 14.03 | 16.7152 | 6.03546296 | 13.41 | 8.0956 |
| 5.66046296 | 14.39 | 29.3247 | 5.8480787 | 13.97 | 12.9453 | 6.0355787 | 13.31 | 5.8786 |
| 5.6605787 | 14.4 | 29.6773 | 5.84819444 | 13.96 | 12.349 | 6.03569444 | 13.31 | 6.0478 |
| 5.66069444 | 14.4 | 29.4501 | 5.84831019 | 13.95 | 11.8442 | 6.03581019 | 13.28 | 5.538 |
| 5.66081019 | 14.39 | 30.8685 | 5.84842593 | 13.93 | 11.156 | 6.03592593 | 13.25 | 4.9564 |
| 5.66092593 | 14.37 | 31.33 | 5.84854167 | 13.93 | 11.2786 | 6.03604167 | 13.35 | 7.1874 |
| 5.66104167 | 14.36 | 31.5391 | 5.84865741 | 13.95 | 11.5332 | 6.03615741 | 13.33 | 5.7892 |
| 5.66115741 | 14.36 | 31.6379 | 5.84877315 | 13.93 | 11.5908 | 6.03627315 | 13.31 | 5.5084 |
| 5.66127315 | 14.37 | 31.4947 | 5.84888889 | 13.96 | 12.4039 | 6.03638889 | 13.31 | 5.5129 |
| 5.66138889 | 14.36 | 31.3689 | 5.84900463 | 13.96 | 12.2061 | 6.03650463 | 13.25 | 4.8164 |
| 5.66150463 | 14.36 | 31.3432 | 5.84912037 | 13.95 | 11.1175 | 6.03662037 | 13.31 | 5.9337 |
| 5.66162037 | 14.36 | 30.9325 | 5.84923611 | 13.95 | 11.711 | 6.03673611 | 13.33 | 6.3462 |
| 5.66173611 | 14.37 | 30.7202 | 5.84935185 | 13.93 | 11.3668 | 6.03685185 | 13.36 | 6.7456 |
| 5.66185185 | 14.37 | 31.0149 | 5.84946759 | 13.95 | 11.9927 | 6.03696759 | 13.42 | 8.1552 |
| 5.66196759 | 14.37 | 31.2686 | 5.84958333 | 13.95 | 12.0788 | 6.03708333 | 13.46 | 10.901 |
| 5.66208333 | 14.37 | 31.0502 | 5.84969907 | 13.95 | 11.4796 | 6.03719907 | 13.42 | 8.9692 |
| 5.66219907 | 14.37 | 30.8345 | 5.84981482 | 13.93 | 11.4422 | 6.03731482 | 13.38 | 7.47 |
| 5.66231482 | 14.39 | 30.8436 | 5.84993056 | 13.95 | 12.1998 | 6.03743056 | 13.41 | 8.6318 |
| 5.66243056 | 14.39 | 30.096 | 5.8500463 | 13.95 | 12.2585 | 6.0375463 | 13.41 | 8.4457 |
| 5.6625463 | 14.4 | 29.5425 | 5.85016204 | 13.9 | 10.6353 | 6.03766204 | 13.39 | 8.0889 |
| 5.66266204 | 14.39 | 29.8727 | 5.85027778 | 13.89 | 10.3911 | 6.03777778 | 13.45 | 10.5949 |
| 5.66277778 | 14.39 | 30.0912 | 5.85039352 | 13.92 | 12.7168 | 6.03789352 | 13.46 | 10.7926 |
| 5.66289352 | 14.4 | 29.1084 | 5.85050926 | 13.92 | 12.3174 | 6.03800926 | 13.43 | 9.7876 |
| 5.66300926 | 14.41 | 29.0784 | 5.850625 | 13.93 | 12.4337 | 6.038125 | 13.38 | 8.282 |
| 5.663125 | 14.4 | 29.2898 | 5.85074074 | 13.96 | 14.7853 | 6.03824074 | 13.42 | 10.2294 |
| 5.66324074 | 14.4 | 29.3629 | 5.85085648 | 14.03 | 19.4199 | 6.03835648 | 13.45 | 10.5647 |
| 5.66335648 | 14.4 | 29.2442 | 5.85097222 | 14.04 | 18.3341 | 6.03847222 | 13.43 | 9.739 |
| 5.66347222 | 14.4 | 29.3629 | 5.85108796 | 13.97 | 14.723 | 6.03858796 | 13.42 | 8.6804 |
| 5.66358796 | 14.39 | 29.5965 | 5.8512037 | 14.04 | 18.8248 | 6.0387037 | 13.41 | 9.6714 |
| 5.6637037 | 14.4 | 29.0679 | 5.85131944 | 14.1 | 23.7766 | 6.03881944 | 13.45 | 10.3096 |
| 5.66381944 | 14.4 | 28.598 | 5.85143519 | 14.07 | 20.8703 | 6.03893519 | 13.38 | 8.6447 |
| 5.66393519 | 14.43 | 27.1868 | 5.85155093 | 14.06 | 18.8226 | 6.03905093 | 13.32 | 7.9484 |
| 5.66405093 | 14.43 | 27.9638 | 5.85166667 | 14.12 | 25.3829 | 6.03916667 | 13.46 | 12.268 |
| 5.66416667 | 14.4 | 29.561 | 5.85178241 | 14.06 | 20.4569 | 6.03928241 | 13.35 | 7.2384 |
| 5.66428241 | 14.4 | 29.8933 | 5.85189815 | 14.1 | 23.3774 | 6.03939815 | 13.32 | 6.4532 |
| 5.66439815 | 14.39 | 30.4976 | 5.85201389 | 14.07 | 20.9241 | 6.03951389 | 13.28 | 6.1375 |
| 5.66451389 | 14.39 | 29.4577 | 5.85212963 | 14.13 | 25.6572 | 6.03962963 | 13.46 | 12.2616 |
| 5.66462963 | 14.4 | 29.0005 | 5.85224537 | 14.07 | 20.239 | 6.03974537 | 13.48 | 11.7628 |
| 5.66474537 | 14.37 | 30.5918 | 5.85236111 | 14.04 | 16.8107 | 6.03986111 | 13.41 | 7.7841 |
| 5.66486111 | 14.37 | 30.4644 | 5.85247685 | 14.12 | 22.0109 | 6.03997685 | 13.33 | 6.272 |
| 5.66497685 | 14.37 | 30.3088 | 5.85259259 | 14.16 | 24.7137 | 6.04009259 | 13.26 | 5.9633 |
| 5.66509259 | 14.37 | 30.5869 | 5.85270833 | 14.19 | 26.8898 | 6.04020833 | 13.19 | 3.8908 |
| 5.66520833 | 14.37 | 30.8995 | 5.85282407 | 14.13 | 24.1962 | 6.04032407 | 13.22 | 4.852 |
| 5.66532407 | 14.39 | 30.3562 | 5.85293982 | 14.09 | 21.158 | 6.04043982 | 13.21 | 4.255 |
| 5.66543982 | 14.37 | 30.5771 | 5.85305556 | 14.16 | 25.3567 | 6.04055556 | 13.31 | 7.3122 |
| 5.66555556 | 14.39 | 30.3902 | 5.8531713 | 14.13 | 22.3581 | 6.0406713 | 13.19 | 4.1394 |
| 5.6656713 | 14.37 | 30.8395 | 5.85328704 | 14.12 | 22.6592 | 6.04078704 | 13.26 | 5.8917 |
| 5.66578704 | 14.36 | 31.3227 | 5.85340278 | 14.09 | 21.6304 | 6.04090278 | 13.28 | 5.8703 |
| 5.66590278 | 14.36 | 31.3637 | 5.85351852 | 14.1 | 22.1881 | 6.04101852 | 13.29 | 6.3816 |
| 5.66601852 | 14.34 | 31.5191 | 5.85363426 | 14.06 | 19.6531 | 6.04113426 | 13.28 | 6.2965 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66613426 | 14.34 | 31.2724 | 5.85375 | 14.07 | 20.2346 | 6.04125 | 13.31 | 7.3185 |
| 5.66625 | 14.33 | 31.1938 | 5.85386574 | 14.07 | 20.6485 | 6.04136574 | 13.24 | 5.5555 |
| 5.66636574 | 14.34 | 31.1451 | 5.85398148 | 14.09 | 20.7158 | 6.04148148 | 13.31 | 6.8978 |
| 5.66648148 | 14.34 | 31.0996 | 5.85409722 | 13.99 | 13.7237 | 6.04159722 | 13.26 | 5.1858 |
| 5.66659722 | 14.34 | 31.1756 | 5.85421296 | 14.03 | 18.1879 | 6.04171296 | 13.35 | 8.8847 |
| 5.66671296 | 14.36 | 30.6984 | 5.8543287 | 14.04 | 18.0208 | 6.0418287 | 13.42 | 9.9019 |
| 5.6668287 | 14.36 | 30.2201 | 5.85444444 | 14.09 | 21.4804 | 6.04194444 | 13.35 | 7.9513 |
| 5.66694444 | 14.36 | 30.7579 | 5.85456019 | 13.99 | 14.0514 | 6.04206019 | 13.33 | 7.5651 |
| 5.66706019 | 14.34 | 31.135 | 5.85467593 | 14 | 13.9121 | 6.04217593 | 13.31 | 6.3624 |
| 5.66717593 | 14.36 | 30.5359 | 5.85479167 | 13.99 | 12.4038 | 6.04229167 | 13.35 | 8.3941 |
| 5.66729167 | 14.36 | 30.3167 | 5.85490741 | 13.87 | 11.5662 | 6.04240741 | 13.35 | 7.4158 |
| 5.66740741 | 14.37 | 30.367 | 5.85502315 | 13.97 | 13.7021 | 6.04252315 | 13.29 | 6.0586 |
| 5.66752315 | 14.37 | 29.9876 | 5.85513889 | 14.04 | 16.0539 | 6.04263889 | 13.41 | 12.285 |
| 5.66763889 | 14.37 | 30.1594 | 5.85525463 | 14.06 | 15.0703 | 6.04275463 | 13.33 | 7.7165 |
| 5.66775463 | 14.37 | 29.9828 | 5.85537037 | 14.09 | 18.59 | 6.04287037 | 13.36 | 9.3992 |
| 5.66787037 | 14.37 | 30.0256 | 5.85548611 | 14.07 | 16.6172 | 6.04298611 | 13.32 | 6.4903 |
| 5.66798611 | 14.37 | 29.9733 | 5.85560185 | 14.07 | 15.3399 | 6.04310185 | 13.29 | 6.0885 |
| 5.66810185 | 14.37 | 30.059 | 5.85571759 | 14.09 | 16.9143 | 6.04321759 | 13.33 | 7.5336 |
| 5.66821759 | 14.37 | 30.1979 | 5.85583333 | 13.97 | 12.1371 | 6.04333333 | 13.32 | 7.281 |
| 5.66833333 | 14.37 | 30.1834 | 5.85594907 | 14.12 | 23.3124 | 6.04344907 | 13.31 | 6.271 |
| 5.66844907 | 14.37 | 30.1834 | 5.85606482 | 14.06 | 17.7104 | 6.04356482 | 13.35 | 7.5773 |
| 5.66856482 | 14.37 | 30.1834 | 5.85618056 | 14.09 | 20.799 | 6.04368056 | 13.33 | 7.5699 |
| 5.66868056 | 14.37 | 30.1979 | 5.8562963 | 14.07 | 19.0335 | 6.0437963 | 13.35 | 7.7387 |
| 5.6687963 | 14.39 | 29.8538 | 5.85641204 | 14.19 | 27.8363 | 6.04391204 | 13.32 | 6.9234 |
| 5.66891204 | 14.37 | 29.8928 | 5.85652778 | 14.13 | 24.1804 | 6.04402778 | 13.32 | 6.386 |
| 5.66902778 | 14.39 | 30.1439 | 5.85664352 | 14.2 | 27.8374 | 6.04414352 | 13.38 | 8.0573 |
| 5.66914352 | 14.39 | 29.4623 | 5.85675926 | 14.2 | 27.3164 | 6.04425926 | 13.39 | 10.7906 |
| 5.66925926 | 14.39 | 29.5454 | 5.856875 | 14.2 | 27.4127 | 6.044375 | 13.43 | 11.0653 |
| 5.669375 | 14.39 | 29.7645 | 5.85699074 | 14.21 | 28.8707 | 6.04449074 | 13.41 | 10.1766 |
| 5.66949074 | 14.37 | 29.9165 | 5.85710648 | 14.21 | 27.9216 | 6.04460648 | 13.38 | 8.1062 |
| 5.66960648 | 14.37 | 29.9923 | 5.85722222 | 14.2 | 28.3256 | 6.04472222 | 13.38 | 9.5814 |
| 5.66972222 | 14.37 | 30.3379 | 5.85733796 | 14.24 | 29.3972 | 6.04483796 | 13.32 | 8.436 |
| 5.66983796 | 14.37 | 30.3864 | 5.8574537 | 14.21 | 28.616 | 6.0449537 | 13.43 | 11.8803 |
| 5.6699537 | 14.37 | 30.7698 | 5.85756944 | 14.23 | 29.1776 | 6.04506944 | 13.36 | 9.3141 |
| 5.67006944 | 14.37 | 30.0781 | 5.85768519 | 14.23 | 29.4874 | 6.04518519 | 13.56 | 17.5558 |
| 5.67018519 | 14.37 | 29.7798 | 5.85780093 | 14.24 | 29.4338 | 6.04530093 | 13.33 | 7.8963 |
| 5.67030093 | 14.43 | 26.8286 | 5.85791667 | 14.24 | 29.4201 | 6.04541667 | 13.33 | 8.0459 |
| 5.67041667 | 14.44 | 26.5942 | 5.85803241 | 14.24 | 29.4063 | 6.04553241 | 13.46 | 13.5161 |
| 5.67053241 | 14.39 | 30.269 | 5.85814815 | 14.24 | 29.0531 | 6.04564815 | 13.41 | 10.0462 |
| 5.67064815 | 14.34 | 31.1249 | 5.85826389 | 14.21 | 28.3868 | 6.04576389 | 13.42 | 12.1565 |
| 5.67076389 | 14.37 | 30.4644 | 5.85837963 | 14.23 | 28.4841 | 6.04587963 | 13.35 | 8.537 |
| 5.67087963 | 14.36 | 30.5114 | 5.85849537 | 14.24 | 29.1475 | 6.04599537 | 13.39 | 11.5373 |
| 5.67099537 | 14.39 | 29.1159 | 5.85861111 | 14.24 | 29.2016 | 6.04611111 | 13.33 | 7.723 |
| 5.67111111 | 14.43 | 27.0559 | 5.85872685 | 14.23 | 28.909 | 6.04622685 | 13.38 | 10.6132 |
| 5.67122685 | 14.39 | 29.9626 | 5.85884259 | 14.2 | 26.8016 | 6.04634259 | 13.46 | 12.509 |
| 5.67134259 | 14.36 | 31.3022 | 5.85895833 | 14.2 | 26.5832 | 6.04645833 | 13.33 | 7.7698 |
| 5.67145833 | 14.36 | 31.1189 | 5.85907407 | 14.2 | 26.138 | 6.04657407 | 13.38 | 10.1855 |
| 5.67157407 | 14.36 | 30.3748 | 5.85918982 | 14.19 | 24.2698 | 6.04668982 | 13.36 | 9.6254 |
| 5.67168982 | 14.37 | 30.2219 | 5.85930556 | 14.16 | 22.3166 | 6.04680556 | 13.38 | 9.9141 |
| 5.67180556 | 14.39 | 29.7504 | 5.8594213 | 14.19 | 26.2483 | 6.0469213 | 13.33 | 8.3408 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6719213 | 14.37 | 30.3913 | 5.85953704 | 14.19 | 25.3997 | 6.04703704 | 13.33 | 9.1577 |
| 5.67203704 | 14.36 | 31.0482 | 5.85965278 | 14.21 | 25.7609 | 6.04715278 | 13.42 | 11.8369 |
| 5.67215278 | 14.36 | 30.8924 | 5.85976852 | 14.17 | 23.9179 | 6.04726852 | 13.43 | 12.5412 |
| 5.67226852 | 14.36 | 30.6885 | 5.85988426 | 14.17 | 23.2736 | 6.04738426 | 13.38 | 10.0161 |
| 5.67238426 | 14.37 | 30.2895 | 5.86 | 14.16 | 22.0772 | 6.0475 | 13.35 | 8.8509 |
| 5.6725 | 14.37 | 30.2316 | 5.86011574 | 14.2 | 24.321 | 6.04761574 | 13.33 | 8.8537 |
| 5.67261574 | 14.39 | 30.3271 | 5.86023148 | 14.2 | 25.0155 | 6.04773148 | 13.33 | 9.1668 |
| 5.67273148 | 14.37 | 30.2992 | 5.86034722 | 14.23 | 26.5247 | 6.04784722 | 13.35 | 9.4256 |
| 5.67284722 | 14.37 | 30.2605 | 5.86046296 | 14.21 | 24.2446 | 6.04796296 | 13.38 | 9.9339 |
| 5.67296296 | 14.37 | 30.333 | 5.8605787 | 14.19 | 25.8317 | 6.0480787 | 13.56 | 16.5758 |
| 5.6730787 | 14.37 | 30.3282 | 5.86069444 | 14.16 | 23.9768 | 6.04819444 | 13.42 | 10.7008 |
| 5.67319444 | 14.37 | 30.3088 | 5.86081019 | 14.2 | 26.8518 | 6.04831019 | 13.36 | 9.6152 |
| 5.67331019 | 14.39 | 30.1727 | 5.86092593 | 14.23 | 27.8656 | 6.04842593 | 13.39 | 10.5978 |
| 5.67342593 | 14.37 | 30.1979 | 5.86104167 | 14.19 | 26.5787 | 6.04854167 | 13.52 | 15.2359 |
| 5.67354167 | 14.39 | 30.2835 | 5.86115741 | 14.21 | 27.8717 | 6.04865741 | 13.42 | 11.6497 |
| 5.67365741 | 14.39 | 30.1727 | 5.86127315 | 14.23 | 28.5534 | 6.04877315 | 13.41 | 11.455 |
| 5.67377315 | 14.39 | 30.053 | 5.86138889 | 14.23 | 28.75 | 6.04888889 | 13.45 | 12.4482 |
| 5.67388889 | 14.37 | 30.2895 | 5.86150463 | 14.23 | 28.816 | 6.04900463 | 13.42 | 12.1733 |
| 5.67400463 | 14.37 | 29.9591 | 5.86162037 | 14.23 | 29.3044 | 6.04912037 | 13.36 | 9.3406 |
| 5.67412037 | 14.39 | 29.643 | 5.86173611 | 14.23 | 28.9312 | 6.04923611 | 13.36 | 9.7456 |
| 5.67423611 | 14.4 | 28.5892 | 5.86185185 | 14.21 | 28.9818 | 6.04935185 | 13.41 | 13.4409 |
| 5.67435185 | 14.41 | 28.8371 | 5.86196759 | 14.23 | 28.8249 | 6.04946759 | 13.33 | 8.5772 |
| 5.67446759 | 14.4 | 28.809 | 5.86208333 | 14.2 | 27.2525 | 6.04958333 | 13.38 | 10.6904 |
| 5.67458333 | 14.4 | 29.2761 | 5.86219907 | 14.23 | 29.1595 | 6.04969907 | 13.43 | 11.3873 |
| 5.67469907 | 14.4 | 30.0262 | 5.86231482 | 14.23 | 29.2318 | 6.04981482 | 13.39 | 10.588 |
| 5.67481482 | 14.39 | 30.0292 | 5.86243056 | 14.23 | 28.8028 | 6.04993056 | 13.46 | 12.8433 |
| 5.67493056 | 14.39 | 30.0054 | 5.8625463 | 14.23 | 28.5621 | 6.0500463 | 13.48 | 13.0005 |
| 5.6750463 | 14.39 | 30.0673 | 5.86266204 | 14.19 | 24.4464 | 6.05016204 | 13.52 | 14.1003 |
| 5.67516204 | 14.39 | 30.1823 | 5.86277778 | 14.2 | 27.4934 | 6.05027778 | 13.48 | 12.0633 |
| 5.67527778 | 14.39 | 30.3708 | 5.86289352 | 14.19 | 26.6129 | 6.05039352 | 13.42 | 9.9632 |
| 5.67539352 | 14.39 | 30.5417 | 5.86300926 | 14.21 | 27.1463 | 6.05050926 | 13.38 | 9.3641 |
| 5.67550926 | 14.39 | 30.6401 | 5.863125 | 14.19 | 24.6748 | 6.050625 | 13.43 | 12.146 |
| 5.675625 | 14.37 | 30.6658 | 5.86324074 | 14.23 | 28.4755 | 6.05074074 | 13.58 | 17.2362 |
| 5.67574074 | 14.37 | 30.5869 | 5.86335648 | 14.23 | 28.5969 | 6.05085648 | 13.45 | 11.6959 |
| 5.67585648 | 14.37 | 30.4937 | 5.86347222 | 14.23 | 28.2184 | 6.05097222 | 13.46 | 12.3282 |
| 5.67597222 | 14.39 | 30.3029 | 5.86358796 | 14.24 | 27.0307 | 6.05108796 | 13.53 | 15.1149 |
| 5.67608796 | 14.37 | 30.44 | 5.8637037 | 14.23 | 25.3735 | 6.0512037 | 13.49 | 13.5736 |
| 5.6762037 | 14.37 | 30.5427 | 5.86381944 | 14.17 | 22.7106 | 6.05131944 | 13.46 | 13.2876 |
| 5.67631944 | 14.37 | 30.528 | 5.86393519 | 14.2 | 23.1623 | 6.05143519 | 13.46 | 13.3268 |
| 5.67643519 | 14.37 | 30.5525 | 5.86405093 | 14.17 | 21.6716 | 6.05155093 | 13.42 | 11.3984 |
| 5.67655093 | 14.37 | 30.8895 | 5.86416667 | 14.23 | 25.8086 | 6.05166667 | 13.42 | 10.9767 |
| 5.67666667 | 14.37 | 30.8096 | 5.86428241 | 14.14 | 21.102 | 6.05178241 | 13.52 | 15.3099 |
| 5.67678241 | 14.36 | 30.8425 | 5.86439815 | 14.2 | 26.1675 | 6.05189815 | 13.51 | 13.714 |
| 5.67689815 | 14.37 | 30.8995 | 5.86451389 | 14.16 | 19.7706 | 6.05201389 | 13.48 | 13.0533 |
| 5.67701389 | 14.36 | 31.0835 | 5.86462963 | 14.14 | 21.5174 | 6.05212963 | 13.58 | 17.263 |
| 5.67712963 | 14.36 | 31.2053 | 5.86474537 | 14.14 | 23.451 | 6.05224537 | 13.58 | 17.1251 |
| 5.67724537 | 14.36 | 31.2002 | 5.86486111 | 14.17 | 24.8067 | 6.05236111 | 13.53 | 14.999 |
| 5.67736111 | 14.36 | 31.3073 | 5.86497685 | 14.16 | 23.7063 | 6.05247685 | 13.51 | 14.1134 |
| 5.67747685 | 14.36 | 31.3227 | 5.86509259 | 14.13 | 20.4626 | 6.05259259 | 13.49 | 13.4163 |
| 5.67759259 | 14.36 | 31.2715 | 5.86520833 | 14.16 | 20.9556 | 6.05270833 | 13.53 | 15.7182 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67770833 | 14.36 | 31.2358 | 5.86532407 | 14.13 | 17.9981 | 6.05282407 | 13.51 | 13.7243 |
| 5.67782407 | 14.36 | 31.1494 | 5.86543982 | 14.12 | 17.2519 | 6.05293982 | 13.56 | 16.0643 |
| 5.67793982 | 14.36 | 31.1392 | 5.86555556 | 14.09 | 16.5388 | 6.05305556 | 13.41 | 10.9607 |
| 5.67805556 | 14.37 | 30.9345 | 5.8656713 | 14.17 | 24.9875 | 6.0531713 | 13.52 | 14.7894 |
| 5.6781713 | 14.36 | 30.9927 | 5.86578704 | 14.2 | 26.4696 | 6.05328704 | 13.39 | 10.0041 |
| 5.67828704 | 14.36 | 30.9676 | 5.86590278 | 14.2 | 26.447 | 6.05340278 | 13.38 | 9.9226 |
| 5.67840278 | 14.36 | 31.0028 | 5.86601852 | 14.19 | 25.6956 | 6.05351852 | 13.36 | 9.4617 |
| 5.67851852 | 14.36 | 31.1849 | 5.86613426 | 14.21 | 26.5687 | 6.05363426 | 13.45 | 12.8695 |
| 5.67863426 | 14.36 | 31.3073 | 5.86625 | 14.21 | 26.8682 | 6.05375 | 13.39 | 8.8098 |
| 5.67875 | 14.36 | 31.1494 | 5.86636574 | 14.2 | 26.3345 | 6.05386574 | 13.55 | 16.0114 |
| 5.67886574 | 14.36 | 31.2664 | 5.86648148 | 14.19 | 25.2645 | 6.05398148 | 13.51 | 14.3782 |
| 5.67898148 | 14.34 | 31.2775 | 5.86659722 | 14.2 | 26.2378 | 6.05409722 | 13.41 | 9.2738 |
| 5.67909722 | 14.36 | 31.1544 | 5.86671296 | 14.07 | 18.6199 | 6.05421296 | 13.39 | 8.7744 |
| 5.67921296 | 14.37 | 30.8196 | 5.8668287 | 14.2 | 26.6786 | 6.0543287 | 13.55 | 16.8349 |
| 5.6793287 | 14.37 | 30.7202 | 5.86694444 | 14.2 | 27.7177 | 6.05444444 | 13.55 | 16.1979 |
| 5.67944444 | 14.36 | 30.7927 | 5.86706019 | 14.21 | 27.2415 | 6.05456019 | 13.48 | 10.3544 |
| 5.67956019 | 14.36 | 31.19 | 5.86717593 | 14.23 | 27.7993 | 6.05467593 | 13.59 | 16.1134 |
| 5.67967593 | 14.36 | 31.2256 | 5.86729167 | 14.21 | 28.1144 | 6.05479167 | 13.65 | 18.6439 |
| 5.67979167 | 14.34 | 31.3235 | 5.86740741 | 14.21 | 28.4772 | 6.05490741 | 13.58 | 14.0512 |
| 5.67990741 | 14.34 | 31.5347 | 5.86752315 | 14.23 | 28.6973 | 6.05502315 | 13.6 | 16.143 |
| 5.68002315 | 14.34 | 31.252 | 5.86763889 | 14.23 | 29.2001 | 6.05513889 | 13.51 | 11.6072 |
| 5.68013889 | 14.36 | 30.7678 | 5.86775463 | 14.23 | 29.2409 | 6.05525463 | 13.49 | 11.5022 |
| 5.68025463 | 14.36 | 31.1139 | 5.86787037 | 14.24 | 28.9415 | 6.05537037 | 13.55 | 13.8566 |
| 5.68037037 | 14.36 | 30.8475 | 5.86798611 | 14.23 | 28.8824 | 6.05548611 | 13.53 | 11.898 |
| 5.68048611 | 14.36 | 31.2358 | 5.86810185 | 14.23 | 29.5334 | 6.05560185 | 13.53 | 11.3235 |
| 5.68060185 | 14.36 | 30.3409 | 5.86821759 | 14.23 | 29.5288 | 6.05571759 | 13.55 | 12.365 |
| 5.68071759 | 14.36 | 30.8824 | 5.86833333 | 14.23 | 29.4094 | 6.05583333 | 13.62 | 16.7652 |
| 5.68083333 | 14.34 | 31.4571 | 5.86844907 | 14.21 | 29.4934 | 6.05594907 | 13.6 | 13.2572 |
| 5.68094907 | 14.34 | 31.4571 | 5.86856482 | 14.23 | 29.492 | 6.05606482 | 13.62 | 16.031 |
| 5.68106482 | 14.34 | 31.4675 | 5.86868056 | 14.24 | 29.535 | 6.05618056 | 13.58 | 13.5158 |
| 5.68118056 | 14.34 | 31.3594 | 5.8687963 | 14.23 | 29.469 | 6.0562963 | 13.59 | 13.4186 |
| 5.6812963 | 14.34 | 31.4056 | 5.86891204 | 14.24 | 29.5212 | 6.05641204 | 13.6 | 14.353 |
| 5.68141204 | 14.34 | 31.4829 | 5.86902778 | 14.24 | 29.5673 | 6.05652778 | 13.63 | 13.4452 |
| 5.68152778 | 14.33 | 31.6728 | 5.86914352 | 14.23 | 29.5611 | 6.05664352 | 13.65 | 14.041 |
| 5.68164352 | 14.33 | 31.5895 | 5.86925926 | 14.23 | 29.5242 | 6.05675926 | 13.65 | 16.0254 |
| 5.68175926 | 14.31 | 31.7467 | 5.869375 | 14.24 | 29.4935 | 6.056875 | 13.68 | 16.663 |
| 5.681875 | 14.33 | 31.5739 | 5.86949074 | 14.24 | 29.3926 | 6.05699074 | 13.63 | 13.0212 |
| 5.68199074 | 14.31 | 31.6214 | 5.86960648 | 14.24 | 29.4935 | 6.05710648 | 13.63 | 14.8758 |
| 5.68210648 | 14.31 | 31.5487 | 5.86972222 | 14.23 | 29.2409 | 6.05722222 | 13.62 | 13.9255 |
| 5.68222222 | 14.31 | 31.4815 | 5.86983796 | 14.21 | 28.7912 | 6.05733796 | 13.63 | 14.252 |
| 5.68233796 | 14.31 | 31.4918 | 5.8699537 | 14.23 | 29.137 | 6.0574537 | 13.63 | 15.6089 |
| 5.6824537 | 14.31 | 31.5487 | 5.87006944 | 14.23 | 29.2001 | 6.05756944 | 13.66 | 15.7721 |
| 5.68256944 | 14.3 | 31.5569 | 5.87018519 | 14.19 | 27.3635 | 6.05768519 | 13.65 | 13.5877 |
| 5.68268519 | 14.31 | 31.358 | 5.87030093 | 14.21 | 28.1102 | 6.05780093 | 13.66 | 14.9814 |
| 5.68280093 | 14.3 | 31.531 | 5.87041667 | 14.2 | 26.949 | 6.05791667 | 13.66 | 14.1435 |
| 5.68291667 | 14.3 | 31.3867 | 5.87053241 | 14.19 | 26.9092 | 6.05803241 | 13.7 | 14.7739 |
| 5.68303241 | 14.29 | 31.6274 | 5.87064815 | 14.2 | 26.2675 | 6.05814815 | 13.63 | 14.9918 |
| 5.68314815 | 14.31 | 31.0227 | 5.87076389 | 14.2 | 26.1675 | 6.05826389 | 13.62 | 15.1565 |
| 5.68326389 | 14.33 | 30.7519 | 5.87087963 | 14.12 | 21.6742 | 6.05837963 | 13.62 | 13.3699 |
| 5.68337963 | 14.31 | 31.2201 | 5.87099537 | 14.17 | 25.4442 | 6.05849537 | 13.66 | 14.8366 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68349537 | 14.31 | 31.1237 | 5.87111111 | 14.16 | 23.2562 | 6.05861111 | 13.65 | 12.7497 |
| 5.68361111 | 14.31 | 31.0883 | 5.87122685 | 14.12 | 20.4499 | 6.05872685 | 13.7 | 14.3687 |
| 5.68372685 | 14.31 | 31.2405 | 5.87134259 | 14.14 | 22.9081 | 6.05884259 | 13.7 | 15.3452 |
| 5.68384259 | 14.3 | 31.3508 | 5.87145833 | 14.14 | 22.01 | 6.05895833 | 13.69 | 15.3872 |
| 5.68395833 | 14.3 | 31.2078 | 5.87157407 | 14.13 | 21.1194 | 6.05907407 | 13.7 | 16.104 |
| 5.68407407 | 14.31 | 31.2405 | 5.87168982 | 14.14 | 21.3051 | 6.05918982 | 13.66 | 14.6665 |
| 5.68418982 | 14.3 | 31.274 | 5.87180556 | 14.14 | 21.6453 | 6.05930556 | 13.63 | 12.6603 |
| 5.68430556 | 14.31 | 31.1237 | 5.8719213 | 14.16 | 21.874 | 6.0594213 | 13.63 | 13.3833 |
| 5.6844213 | 14.3 | 31.2027 | 5.87203704 | 14.16 | 22.9247 | 6.05953704 | 13.63 | 14.2472 |
| 5.68453704 | 14.31 | 31.2303 | 5.87215278 | 14.16 | 22.0562 | 6.05965278 | 13.63 | 11.7817 |
| 5.68465278 | 14.31 | 31.1591 | 5.87226852 | 14.17 | 21.8195 | 6.05976852 | 13.6 | 12.1521 |
| 5.68476852 | 14.31 | 31.2201 | 5.87238426 | 14.17 | 21.9825 | 6.05988426 | 13.62 | 13.0125 |
| 5.68488426 | 14.33 | 30.9264 | 5.8725 | 14.17 | 22.1137 | 6.06 | 13.62 | 12.9774 |
| 5.685 | 14.33 | 30.6579 | 5.87261574 | 14.19 | 22.1102 | 6.06011574 | 13.66 | 13.6412 |
| 5.68511574 | 14.33 | 30.6678 | 5.87273148 | 14.19 | 22.1552 | 6.06023148 | 13.72 | 15.3621 |
| 5.68523148 | 14.34 | 30.6747 | 5.87284722 | 14.19 | 22.047 | 6.06034722 | 13.68 | 14.1078 |
| 5.68534722 | 14.33 | 30.7073 | 5.87296296 | 14.19 | 22.2725 | 6.06046296 | 13.66 | 13.787 |
| 5.68546296 | 14.33 | 30.7867 | 5.8730787 | 14.2 | 22.5161 | 6.0605787 | 13.68 | 14.2729 |
| 5.6855787 | 14.33 | 30.7916 | 5.87319444 | 14.19 | 22.4291 | 6.06069444 | 13.63 | 11.6006 |
| 5.68569444 | 14.33 | 30.7519 | 5.87331019 | 14.19 | 22.8985 | 6.06081019 | 13.65 | 14.5891 |
| 5.68581019 | 14.33 | 30.7718 | 5.87342593 | 14.16 | 21.9673 | 6.06092593 | 13.62 | 12.9752 |
| 5.68592593 | 14.33 | 30.8464 | 5.87354167 | 14.21 | 25.2239 | 6.06104167 | 13.62 | 12.9293 |
| 5.68604167 | 14.33 | 30.8464 | 5.87365741 | 14.19 | 25.4555 | 6.06115741 | 13.6 | 13.3454 |
| 5.68615741 | 14.33 | 30.8165 | 5.87377315 | 14.2 | 26.3794 | 6.06127315 | 13.59 | 14.1147 |
| 5.68627315 | 14.34 | 30.7986 | 5.87388889 | 14.21 | 26.6106 | 6.06138889 | 13.59 | 14.7427 |
| 5.68638889 | 14.33 | 30.7073 | 5.87400463 | 14.2 | 26.5642 | 6.06150463 | 13.6 | 15.0581 |
| 5.68650463 | 14.33 | 30.8414 | 5.87412037 | 14.21 | 27.3013 | 6.06162037 | 13.63 | 14.9311 |
| 5.68662037 | 14.33 | 30.7519 | 5.87423611 | 14.21 | 27.1581 | 6.06173611 | 13.62 | 13.8732 |
| 5.68673611 | 14.33 | 30.8315 | 5.87435185 | 14.23 | 27.3192 | 6.06185185 | 13.63 | 14.51 |
| 5.68685185 | 14.33 | 30.7718 | 5.87446759 | 14.2 | 25.6427 | 6.06196759 | 13.66 | 14.8191 |
| 5.68696759 | 14.33 | 30.9615 | 5.87458333 | 14.21 | 25.4075 | 6.06208333 | 13.68 | 15.2412 |
| 5.68708333 | 14.33 | 30.9114 | 5.87469907 | 14.23 | 27.1125 | 6.06219907 | 13.69 | 14.8928 |
| 5.68719907 | 14.33 | 30.9564 | 5.87481482 | 14.21 | 26.76 | 6.06231482 | 13.66 | 14.0773 |
| 5.68731482 | 14.31 | 30.9875 | 5.87493056 | 14.24 | 28.6637 | 6.06243056 | 13.66 | 13.6778 |
| 5.68743056 | 14.33 | 30.9214 | 5.8750463 | 14.24 | 27.685 | 6.0625463 | 13.7 | 14.4994 |
| 5.6875463 | 14.31 | 30.9925 | 5.87516204 | 14.24 | 29.0576 | 6.06266204 | 13.66 | 13.4392 |
| 5.68766204 | 14.31 | 30.9875 | 5.87527778 | 14.24 | 29.3378 | 6.06277778 | 13.65 | 12.507 |
| 5.68777778 | 14.31 | 30.9624 | 5.87539352 | 14.24 | 28.0463 | 6.06289352 | 13.66 | 13.0969 |
| 5.68789352 | 14.31 | 30.9474 | 5.87550926 | 14.23 | 28.3122 | 6.06300926 | 13.66 | 13.0122 |
| 5.68800926 | 14.31 | 30.9323 | 5.875625 | 14.2 | 26.3159 | 6.063125 | 13.65 | 12.9618 |
| 5.688125 | 14.31 | 30.9474 | 5.87574074 | 14.24 | 29.0531 | 6.06324074 | 13.7 | 14.8375 |
| 5.68824074 | 14.31 | 30.9323 | 5.87585648 | 14.24 | 29.2424 | 6.06335648 | 13.68 | 13.8597 |
| 5.68835648 | 14.31 | 30.9524 | 5.87597222 | 14.21 | 27.0242 | 6.06347222 | 13.66 | 14.0186 |
| 5.68847222 | 14.33 | 30.9866 | 5.87608796 | 14.2 | 26.2155 | 6.06358796 | 13.68 | 13.8829 |
| 5.68858796 | 14.31 | 30.9474 | 5.8762037 | 14.24 | 29.1385 | 6.0637037 | 13.69 | 12.7982 |
| 5.6887037 | 14.31 | 31.0681 | 5.87631944 | 14.21 | 26.946 | 6.06381944 | 13.68 | 12.3995 |
| 5.68881944 | 14.33 | 30.9564 | 5.87643519 | 14.23 | 27.1402 | 6.06393519 | 13.72 | 14.2331 |
| 5.68893519 | 14.31 | 30.9925 | 5.87655093 | 14.23 | 27.4237 | 6.06405093 | 13.72 | 14.2188 |
| 5.68905093 | 14.31 | 31.0277 | 5.87666667 | 14.21 | 27.1265 | 6.06416667 | 13.7 | 14.3182 |
| 5.68916667 | 14.31 | 31.0328 | 5.87678241 | 14.2 | 26.4545 | 6.06428241 | 13.7 | 14.4049 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68928241 | 14.31 | 31.0277 | 5.87689815 | 14.2 | 25.8358 | 6.06439815 | 13.7 | 13.9094 |
| 5.68939815 | 14.3 | 31.1266 | 5.87701389 | 14.21 | 26.1239 | 6.06451389 | 13.66 | 13.2087 |
| 5.68951389 | 14.31 | 31.1591 | 5.87712963 | 14.19 | 25.466 | 6.06462963 | 13.68 | 14.5545 |
| 5.68962963 | 14.3 | 31.274 | 5.87724537 | 14.2 | 25.5121 | 6.06474537 | 13.73 | 15.4952 |
| 5.68974537 | 14.3 | 31.3047 | 5.87736111 | 14.19 | 24.5927 | 6.06486111 | 13.66 | 13.8067 |
| 5.68986111 | 14.3 | 31.4021 | 5.87747685 | 14.19 | 25.0558 | 6.06497685 | 13.62 | 12.2981 |
| 5.68997685 | 14.29 | 31.503 | 5.87759259 | 14.19 | 25.1068 | 6.06509259 | 13.7 | 14.0674 |
| 5.69009259 | 14.3 | 31.4587 | 5.87770833 | 14.17 | 24.7967 | 6.06520833 | 13.7 | 14.8776 |
| 5.69020833 | 14.3 | 31.3969 | 5.87782407 | 14.19 | 25.1512 | 6.06532407 | 13.7 | 15.3243 |
| 5.69032407 | 14.3 | 31.2689 | 5.87793982 | 14.2 | 25.2718 | 6.06543982 | 13.72 | 13.4951 |
| 5.69043982 | 14.3 | 31.3661 | 5.87805556 | 14.2 | 25.0324 | 6.06555556 | 13.75 | 14.9603 |
| 5.69055556 | 14.3 | 31.3303 | 5.8781713 | 14.2 | 24.629 | 6.0656713 | 13.7 | 13.0228 |
| 5.6906713 | 14.3 | 31.4226 | 5.87828704 | 14.2 | 24.9986 | 6.06578704 | 13.7 | 14.0451 |
| 5.69078704 | 14.3 | 31.4587 | 5.87840278 | 14.2 | 24.652 | 6.06590278 | 13.79 | 15.5363 |
| 5.69090278 | 14.29 | 31.5495 | 5.87851852 | 14.2 | 24.7676 | 6.06601852 | 13.79 | 16.0763 |
| 5.69101852 | 14.29 | 31.534 | 5.87863426 | 14.21 | 25.0939 | 6.06613426 | 13.75 | 14.2661 |
| 5.69113426 | 14.3 | 31.3405 | 5.87875 | 14.21 | 25.3448 | 6.06625 | 13.79 | 15.6165 |
| 5.69125 | 14.3 | 31.2638 | 5.87886574 | 14.21 | 25.693 | 6.06636574 | 13.8 | 15.5362 |
| 5.69136574 | 14.3 | 31.531 | 5.87898148 | 14.21 | 25.7896 | 6.06648148 | 13.77 | 14.7024 |
| 5.69148148 | 14.29 | 31.4514 | 5.87909722 | 14.21 | 25.8544 | 6.06659722 | 13.72 | 13.2026 |
| 5.69159722 | 14.3 | 31.2689 | 5.87921296 | 14.21 | 25.7824 | 6.06671296 | 13.72 | 13.0876 |
| 5.69171296 | 14.31 | 31.2252 | 5.8793287 | 14.21 | 25.8004 | 6.0668287 | 13.75 | 13.4654 |
| 5.6918287 | 14.31 | 31.1998 | 5.87944444 | 14.21 | 25.8941 | 6.06694444 | 13.73 | 13.4408 |
| 5.69194444 | 14.3 | 31.3149 | 5.87956019 | 14.21 | 25.8471 | 6.06706019 | 13.77 | 14.5769 |
| 5.69206019 | 14.3 | 31.3405 | 5.87967593 | 14.21 | 25.4774 | 6.06717593 | 13.77 | 14.3234 |
| 5.69217593 | 14.3 | 31.3251 | 5.87979167 | 14.21 | 25.8941 | 6.06729167 | 13.79 | 15.6609 |
| 5.69229167 | 14.3 | 31.2843 | 5.87990741 | 14.21 | 26.2088 | 6.06740741 | 13.79 | 14.8004 |
| 5.69240741 | 14.3 | 31.3098 | 5.88002315 | 14.23 | 26.4228 | 6.06752315 | 13.79 | 15.9729 |
| 5.69252315 | 14.3 | 31.2434 | 5.88013889 | 14.23 | 26.8621 | 6.06763889 | 13.77 | 14.6395 |
| 5.69263889 | 14.3 | 31.1317 | 5.88025463 | 14.23 | 26.7885 | 6.06775463 | 13.76 | 13.7606 |
| 5.69275463 | 14.31 | 31.1085 | 5.88037037 | 14.23 | 26.8543 | 6.06787037 | 13.79 | 14.9057 |
| 5.69287037 | 14.31 | 31.1389 | 5.88048611 | 14.23 | 26.635 | 6.06798611 | 13.7 | 11.9355 |
| 5.69298611 | 14.31 | 31.1998 | 5.88060185 | 14.23 | 26.4982 | 6.06810185 | 13.77 | 15.7028 |
| 5.69310185 | 14.3 | 31.1216 | 5.88071759 | 14.23 | 26.7615 | 6.06821759 | 13.75 | 14.751 |
| 5.69321759 | 14.31 | 31.1389 | 5.88083333 | 14.21 | 26.3128 | 6.06833333 | 13.8 | 16.2662 |
| 5.69333333 | 14.31 | 31.0984 | 5.88094907 | 14.23 | 26.8388 | 6.06844907 | 13.8 | 16.0119 |
| 5.69344907 | 14.3 | 31.1064 | 5.88106482 | 14.23 | 26.4228 | 6.06856482 | 13.79 | 16.058 |
| 5.69356482 | 14.31 | 31.0984 | 5.88118056 | 14.23 | 26.3291 | 6.06868056 | 13.77 | 18.038 |
| 5.69368056 | 14.31 | 31.0832 | 5.8812963 | 14.23 | 27.3192 | 6.0687963 | 13.82 | 17.5075 |
| 5.6937963 | 14.31 | 31.1085 | 5.88141204 | 14.21 | 26.5536 | 6.06891204 | 13.79 | 16.3135 |
| 5.69391204 | 14.31 | 31.0832 | 5.88152778 | 14.21 | 26.2273 | 6.06902778 | 13.8 | 16.9674 |
| 5.69402778 | 14.31 | 31.0731 | 5.88164352 | 14.23 | 26.3852 | 6.06914352 | 13.85 | 18.6889 |
| 5.69414352 | 14.3 | 31.0912 | 5.88175926 | 14.23 | 26.7116 | 6.06925926 | 13.82 | 17.97 |
| 5.69425926 | 14.31 | 31.0328 | 5.881875 | 14.23 | 27.0298 | 6.069375 | 13.83 | 16.9927 |
| 5.694375 | 14.31 | 31.058 | 5.88199074 | 14.21 | 25.9557 | 6.06949074 | 13.86 | 18.4972 |
| 5.69449074 | 14.3 | 31.066 | 5.88210648 | 14.23 | 26.2806 | 6.06960648 | 13.85 | 18.7539 |
| 5.69460648 | 14.31 | 31.0277 | 5.88222222 | 14.2 | 25.7783 | 6.06972222 | 13.86 | 17.5106 |
| 5.69472222 | 14.31 | 31.0429 | 5.88233796 | 13.96 | 14.0705 | 6.06983796 | 13.8 | 16.1157 |
| 5.69483796 | 14.3 | 31.0761 | 5.8824537 | 14.19 | 25.6529 | 6.0699537 | 13.83 | 17.6524 |
| 5.6949537 | 14.31 | 31.0832 | 5.88256944 | 14.21 | 26.3053 | 6.07006944 | 13.82 | 16.677 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69506944 | 14.3 | 31.0509 | 5.88268519 | 14.21 | 27.0046 | 6.07018519 | 13.82 | 16.3656 |
| 5.69518519 | 14.3 | 31.0862 | 5.88280093 | 14.23 | 27.2155 | 6.07030093 | 13.79 | 15.7231 |
| 5.69530093 | 14.31 | 31.0227 | 5.88291667 | 14.23 | 27.5858 | 6.07041667 | 13.8 | 16.1637 |
| 5.69541667 | 14.31 | 31.1237 | 5.88303241 | 14.23 | 27.3673 | 6.07053241 | 13.82 | 16.178 |
| 5.69553241 | 14.3 | 31.0912 | 5.88314815 | 14.23 | 27.1917 | 6.07064815 | 13.82 | 16.1951 |
| 5.69564815 | 14.3 | 31.1165 | 5.88326389 | 14.21 | 26.0286 | 6.07076389 | 13.83 | 16.8762 |
| 5.69576389 | 14.3 | 31.0862 | 5.88337963 | 14.2 | 25.7819 | 6.07087963 | 13.83 | 17.0655 |
| 5.69587963 | 14.31 | 31.0782 | 5.88349537 | 14.21 | 26.8449 | 6.07099537 | 13.83 | 16.7115 |
| 5.69599537 | 14.31 | 31.0782 | 5.88361111 | 14.23 | 26.9672 | 6.07111111 | 13.8 | 15.3814 |
| 5.69611111 | 14.3 | 31.1418 | 5.88372685 | 14.24 | 26.8512 | 6.07122685 | 13.82 | 17.5402 |
| 5.69622685 | 14.3 | 31.152 | 5.88384259 | 14.23 | 26.8582 | 6.07134259 | 13.79 | 15.5549 |
| 5.69634259 | 14.3 | 31.3149 | 5.88395833 | 14.21 | 26.2273 | 6.07145833 | 13.77 | 15.7544 |
| 5.69645833 | 14.3 | 31.3149 | 5.88407407 | 14.23 | 26.6924 | 6.07157407 | 13.76 | 15.5457 |
| 5.69657407 | 14.3 | 31.3303 | 5.88418982 | 14.23 | 26.8001 | 6.07168982 | 13.79 | 16.6037 |
| 5.69668982 | 14.3 | 31.2996 | 5.88430556 | 14.23 | 26.6426 | 6.07180556 | 13.82 | 18.0716 |
| 5.69680556 | 14.3 | 31.2843 | 5.8844213 | 14.2 | 25.8718 | 6.0719213 | 13.79 | 15.9383 |
| 5.6969213 | 14.3 | 31.3867 | 5.88453704 | 14.19 | 24.6912 | 6.07203704 | 13.8 | 17.9009 |
| 5.69703704 | 14.3 | 31.4072 | 5.88465278 | 14.2 | 25.6321 | 6.07215278 | 13.79 | 17.6442 |
| 5.69715278 | 14.29 | 31.4771 | 5.88476852 | 14.23 | 26.9399 | 6.07226852 | 13.73 | 15.349 |
| 5.69726852 | 14.3 | 31.3713 | 5.88488426 | 14.23 | 26.6617 | 6.07238426 | 13.76 | 17.5576 |
| 5.69738426 | 14.3 | 31.3098 | 5.885 | 14.2 | 25.9152 | 6.0725 | 13.77 | 18.4446 |
| 5.6975 | 14.3 | 31.3456 | 5.88511574 | 14.2 | 25.9733 | 6.07261574 | 13.72 | 16.23 |
| 5.69761574 | 14.3 | 31.274 | 5.88523148 | 14.16 | 24.9805 | 6.07273148 | 13.79 | 17.9943 |
| 5.69773148 | 14.3 | 31.2791 | 5.88534722 | 14.21 | 26.6373 | 6.07284722 | 13.73 | 16.6414 |
| 5.69784722 | 14.3 | 31.3047 | 5.88546296 | 14.21 | 26.2273 | 6.07296296 | 13.75 | 15.839 |
| 5.69796296 | 14.3 | 31.3149 | 5.8855787 | 14.19 | 25.3683 | 6.0730787 | 13.73 | 15.7232 |
| 5.6980787 | 14.3 | 31.2945 | 5.88569444 | 14.2 | 25.8646 | 6.07319444 | 13.76 | 15.6502 |
| 5.69819444 | 14.3 | 31.2996 | 5.88581019 | 14.21 | 25.9267 | 6.07331019 | 13.76 | 16.796 |
| 5.69831019 | 14.3 | 31.3456 | 5.88592593 | 14.2 | 25.825 | 6.07342593 | 13.8 | 17.071 |
| 5.69842593 | 14.3 | 31.2996 | 5.88604167 | 14.2 | 25.8791 | 6.07354167 | 13.79 | 15.5683 |
| 5.69854167 | 14.29 | 31.323 | 5.88615741 | 14.21 | 26.3016 | 6.07365741 | 13.8 | 17.5411 |
| 5.69865741 | 14.3 | 31.274 | 5.88627315 | 14.2 | 25.7783 | 6.07377315 | 13.82 | 18.0284 |
| 5.69877315 | 14.3 | 31.274 | 5.88638889 | 14.21 | 26.3128 | 6.07388889 | 13.83 | 19.1656 |
| 5.69888889 | 14.3 | 31.2945 | 5.88650463 | 14.17 | 24.5891 | 6.07400463 | 13.86 | 20.5923 |
| 5.69900463 | 14.3 | 31.2587 | 5.88662037 | 14.19 | 25.2714 | 6.07412037 | 13.86 | 20.5607 |
| 5.69912037 | 14.3 | 31.2638 | 5.88673611 | 14.21 | 26.1681 | 6.07423611 | 13.82 | 19.4853 |
| 5.69923611 | 14.3 | 31.2027 | 5.88685185 | 14.23 | 26.1657 | 6.07435185 | 13.8 | 18.3729 |
| 5.69935185 | 14.3 | 31.1875 | 5.88696759 | 14.23 | 26.2881 | 6.07446759 | 13.82 | 18.9912 |
| 5.69946759 | 14.3 | 31.2282 | 5.88708333 | 14.2 | 25.9624 | 6.07458333 | 13.79 | 17.6956 |
| 5.69958333 | 14.3 | 31.2333 | 5.88719907 | 14.21 | 26.1903 | 6.07469907 | 13.85 | 22.3695 |
| 5.69969907 | 14.3 | 31.2333 | 5.88731482 | 14.21 | 26.4176 | 6.07481482 | 13.83 | 20.7243 |
| 5.69981482 | 14.3 | 31.1723 | 5.88743056 | 14.17 | 24.81 | 6.07493056 | 13.79 | 18.5526 |
| 5.69993056 | 14.3 | 31.157 | 5.8875463 | 14.16 | 25.2358 | 6.0750463 | 13.83 | 20.4136 |
| 5.7000463 | 14.3 | 31.1773 | 5.88766204 | 14.13 | 22.7928 | 6.07516204 | 13.87 | 23.0145 |
| 5.70016204 | 14.29 | 31.1651 | 5.88777778 | 14 | 17.4734 | 6.07527778 | 13.87 | 22.6071 |
| 5.70027778 | 14.3 | 31.1875 | 5.88789352 | 14.14 | 24.8726 | 6.07539352 | 13.87 | 21.6856 |
| 5.70039352 | 14.3 | 31.218 | 5.88800926 | 14.2 | 26.7322 | 6.07550926 | 13.87 | 21.8606 |
| 5.70050926 | 14.3 | 31.2434 | 5.888125 | 14.2 | 26.6633 | 6.075625 | 13.86 | 21.7924 |
| 5.700625 | 14.3 | 31.1723 | 5.88824074 | 14.2 | 26.3196 | 6.07574074 | 13.86 | 20.998 |
| 5.70074074 | 14.3 | 31.2129 | 5.88835648 | 14.2 | 26.2341 | 6.07585648 | 13.86 | 20.7724 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70085648 | 14.3 | 31.1977 | 5.88847222 | 14.17 | 25.9462 | 6.07597222 | 13.87 | 21.3905 |
| 5.70097222 | 14.3 | 31.1824 | 5.88858796 | 14.04 | 20.9521 | 6.07608796 | 13.85 | 20.3676 |
| 5.70108796 | 14.3 | 31.2434 | 5.8887037 | 14.19 | 26.3563 | 6.0762037 | 13.85 | 20.184 |
| 5.7012037 | 14.3 | 31.2129 | 5.88881944 | 14.19 | 26.2557 | 6.07631944 | 13.83 | 20.6855 |
| 5.70131944 | 14.3 | 31.1723 | 5.88893519 | 14.2 | 26.5756 | 6.07643519 | 13.86 | 21.9022 |
| 5.70143519 | 14.3 | 31.2282 | 5.88905093 | 14.2 | 26.2415 | 6.07655093 | 13.83 | 19.7393 |
| 5.70155093 | 14.3 | 31.2231 | 5.88916667 | 14.21 | 26.9031 | 6.07666667 | 13.83 | 20.5295 |
| 5.70166667 | 14.3 | 31.2384 | 5.88928241 | 14.21 | 27.0949 | 6.07678241 | 13.85 | 20.5976 |
| 5.70178241 | 14.3 | 31.3354 | 5.88939815 | 14.21 | 27.0517 | 6.07689815 | 13.8 | 18.9022 |
| 5.70189815 | 14.29 | 31.3026 | 5.88951389 | 14.21 | 26.7946 | 6.07701389 | 13.85 | 20.4809 |
| 5.70201389 | 14.3 | 31.2791 | 5.88962963 | 14.21 | 27.1423 | 6.07712963 | 13.86 | 20.8439 |
| 5.70212963 | 14.3 | 31.2996 | 5.88974537 | 14.21 | 26.6373 | 6.07724537 | 13.87 | 21.4371 |
| 5.70224537 | 14.3 | 31.2638 | 5.88986111 | 14.23 | 27.2593 | 6.07736111 | 13.87 | 22.3071 |
| 5.70236111 | 14.3 | 31.2536 | 5.88997685 | 14.19 | 25.9002 | 6.07747685 | 13.79 | 18.9241 |
| 5.70247685 | 14.3 | 31.2333 | 5.89009259 | 14.21 | 26.872 | 6.07759259 | 13.77 | 17.2459 |
| 5.70259259 | 14.3 | 31.2231 | 5.89020833 | 14.19 | 26.4538 | 6.07770833 | 13.77 | 17.6931 |
| 5.70270833 | 14.3 | 31.2485 | 5.89032407 | 14.23 | 27.1679 | 6.07782407 | 13.72 | 15.6099 |
| 5.70282407 | 14.3 | 31.2638 | 5.89043982 | 14.2 | 26.4734 | 6.07793982 | 13.77 | 17.886 |
| 5.70293982 | 14.3 | 31.2129 | 5.89055556 | 14.2 | 26.3644 | 6.07805556 | 13.87 | 22.6263 |
| 5.70305556 | 14.3 | 31.2384 | 5.8906713 | 14.23 | 27.1877 | 6.0781713 | 13.9 | 23.2958 |
| 5.7031713 | 14.3 | 31.2129 | 5.89078704 | 14.23 | 27.456 | 6.07828704 | 13.9 | 23.128 |
| 5.70328704 | 14.3 | 31.1824 | 5.89090278 | 14.23 | 27.4116 | 6.07840278 | 13.92 | 23.053 |
| 5.70340278 | 14.3 | 31.1266 | 5.89101852 | 14.21 | 26.8876 | 6.07851852 | 13.87 | 21.8427 |
| 5.70351852 | 14.3 | 30.9654 | 5.89113426 | 14.2 | 26.3644 | 6.07863426 | 13.77 | 19.7866 |
| 5.70363426 | 14.3 | 30.8603 | 5.89125 | 14.16 | 25.4333 | 6.07875 | 13.82 | 20.7365 |
| 5.70375 | 14.3 | 30.8853 | 5.89136574 | 14.13 | 24.3843 | 6.07886574 | 13.72 | 15.9312 |
| 5.70386574 | 14.3 | 30.8703 | 5.89148148 | 14.21 | 27.2813 | 6.07898148 | 13.76 | 18.766 |
| 5.70398148 | 14.3 | 30.8056 | 5.89159722 | 14.23 | 27.6553 | 6.07909722 | 13.66 | 14.9902 |
| 5.70409722 | 14.3 | 30.7609 | 5.89171296 | 14.23 | 27.6758 | 6.07921296 | 13.68 | 15.9242 |
| 5.70421296 | 14.3 | 30.8354 | 5.8918287 | 14.23 | 27.3955 | 6.0793287 | 13.72 | 15.7327 |
| 5.7043287 | 14.3 | 30.7658 | 5.89194444 | 14.24 | 27.5421 | 6.07944444 | 13.82 | 20.9307 |
| 5.70444444 | 14.3 | 30.746 | 5.89206019 | 14.2 | 26.6442 | 6.07956019 | 13.76 | 18.5671 |
| 5.70456019 | 14.3 | 30.7658 | 5.89217593 | 14.24 | 27.9166 | 6.07967593 | 13.79 | 19.2618 |
| 5.70467593 | 14.31 | 30.7827 | 5.89229167 | 14.24 | 27.8045 | 6.07979167 | 13.82 | 20.2105 |
| 5.70479167 | 14.3 | 30.746 | 5.89240741 | 14.23 | 27.791 | 6.07990741 | 13.83 | 20.8 |
| 5.70490741 | 14.3 | 30.7807 | 5.89252315 | 14.23 | 27.4924 | 6.08002315 | 13.82 | 20.4722 |
| 5.70502315 | 14.3 | 30.7609 | 5.89263889 | 14.23 | 27.598 | 6.08013889 | 13.8 | 19.0394 |
| 5.70513889 | 14.3 | 30.7509 | 5.89275463 | 14.24 | 27.7385 | 6.08025463 | 13.75 | 17.0079 |
| 5.70525463 | 14.3 | 30.4658 | 5.89287037 | 14.23 | 27.4721 | 6.08037037 | 13.69 | 15.7016 |
| 5.70537037 | 14.31 | 30.0245 | 5.89298611 | 14.23 | 27.5655 | 6.08048611 | 13.72 | 16.5776 |
| 5.70548611 | 14.33 | 29.5773 | 5.89310185 | 14.24 | 27.7921 | 6.08060185 | 13.7 | 15.2644 |
| 5.70560185 | 14.31 | 29.625 | 5.89321759 | 14.24 | 27.7591 | 6.08071759 | 13.82 | 20.8586 |
| 5.70571759 | 14.31 | 29.1941 | 5.89333333 | 14.24 | 27.7385 | 6.08083333 | 13.8 | 20.306 |
| 5.70583333 | 14.31 | 29.7042 | 5.89344907 | 14.23 | 27.6307 | 6.08094907 | 13.89 | 23.1887 |
| 5.70594907 | 14.31 | 29.9439 | 5.89356482 | 14.23 | 27.1877 | 6.08106482 | 13.89 | 22.7748 |
| 5.70606482 | 14.31 | 30.1151 | 5.89368056 | 14.24 | 27.4327 | 6.08118056 | 13.92 | 23.6477 |
| 5.70618056 | 14.31 | 30.1966 | 5.8937963 | 14.23 | 27.2792 | 6.0812963 | 13.83 | 20.6264 |
| 5.7062963 | 14.31 | 30.0293 | 5.89391204 | 14.23 | 27.3312 | 6.08141204 | 13.87 | 22.5797 |
| 5.70641204 | 14.31 | 30.2447 | 5.89402778 | 14.23 | 27.3593 | 6.08152778 | 13.92 | 23.9768 |
| 5.70652778 | 14.31 | 30.2639 | 5.89414352 | 14.23 | 27.3914 | 6.08164352 | 13.93 | 24.9678 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70664352 | 14.31 | 30.2254 | 5.89425926 | 14.21 | 27.3453 | 6.08175926 | 13.93 | 24.7355 |
| 5.70675926 | 14.31 | 30.3509 | 5.894375 | 14.2 | 26.5187 | 6.081875 | 13.9 | 23.5046 |
| 5.706875 | 14.31 | 30.1966 | 5.89449074 | 14.23 | 27.4438 | 6.08199074 | 13.9 | 23.5046 |
| 5.70699074 | 14.31 | 29.8683 | 5.89460648 | 14.23 | 27.3112 | 6.08210648 | 13.92 | 23.9244 |
| 5.70710648 | 14.31 | 29.84 | 5.89472222 | 14.23 | 27.2673 | 6.08222222 | 13.93 | 24.647 |
| 5.70722222 | 14.31 | 30.3364 | 5.89483796 | 14.23 | 27.4438 | 6.08233796 | 13.95 | 25.0725 |
| 5.70733796 | 14.31 | 30.4969 | 5.8949537 | 14.21 | 26.7407 | 6.0824537 | 13.92 | 24.293 |
| 5.7074537 | 14.31 | 29.906 | 5.89506944 | 14.21 | 26.6068 | 6.08256944 | 13.93 | 24.6079 |
| 5.70756944 | 14.31 | 30.453 | 5.89518519 | 14.21 | 26.6947 | 6.08268519 | 13.92 | 24.1542 |
| 5.70768519 | 14.31 | 30.4238 | 5.89530093 | 14.21 | 26.733 | 6.08280093 | 13.92 | 24.3089 |
| 5.70780093 | 14.3 | 30.6078 | 5.89541667 | 14.24 | 27.5421 | 6.08291667 | 13.92 | 23.9152 |
| 5.70791667 | 14.3 | 30.7064 | 5.89553241 | 14.21 | 26.6832 | 6.08303241 | 13.87 | 23.1661 |
| 5.70803241 | 14.3 | 30.8803 | 5.89564815 | 14.2 | 26.4772 | 6.08314815 | 13.9 | 23.6359 |
| 5.70814815 | 14.29 | 30.8733 | 5.89576389 | 14.09 | 22.4272 | 6.08326389 | 13.9 | 23.8143 |
| 5.70826389 | 14.3 | 30.8504 | 5.89587963 | 14.12 | 24.426 | 6.08337963 | 13.93 | 24.3982 |
| 5.70837963 | 14.34 | 27.5525 | 5.89599537 | 14.16 | 25.7583 | 6.08349537 | 13.9 | 23.0649 |
| 5.70849537 | 14.36 | 27.2158 | 5.89611111 | 14.14 | 25.1392 | 6.08361111 | 13.89 | 23.0082 |
| 5.70861111 | 14.33 | 29.6423 | 5.89622685 | 14.2 | 26.5263 | 6.08372685 | 13.92 | 23.6537 |
| 5.70872685 | 14.3 | 30.9353 | 5.89634259 | 14.23 | 27.2712 | 6.08384259 | 13.9 | 23.7869 |
| 5.70884259 | 14.31 | 30.5999 | 5.89645833 | 14.21 | 26.76 | 6.08395833 | 13.93 | 24.4399 |
| 5.70895833 | 14.31 | 29.8495 | 5.89657407 | 14.17 | 25.9353 | 6.08407407 | 13.89 | 22.4891 |
| 5.70907407 | 14.3 | 30.5097 | 5.89668982 | 14.17 | 26.3587 | 6.08418982 | 13.9 | 23.6599 |
| 5.70918982 | 14.31 | 30.0531 | 5.89680556 | 14.21 | 26.7831 | 6.08430556 | 13.87 | 22.4628 |
| 5.70930556 | 14.31 | 29.4036 | 5.8969213 | 14.2 | 26.4395 | 6.0844213 | 13.87 | 22.4953 |
| 5.7094213 | 14.33 | 28.6146 | 5.89703704 | 14.23 | 27.2712 | 6.08453704 | 13.86 | 21.915 |
| 5.70953704 | 14.34 | 27.9155 | 5.89715278 | 14.21 | 26.3352 | 6.08465278 | 13.87 | 21.8862 |
| 5.70965278 | 14.33 | 28.8256 | 5.89726852 | 14.23 | 27.3513 | 6.08476852 | 13.87 | 22.2301 |
| 5.70976852 | 14.36 | 27.5505 | 5.89738426 | 14.23 | 27.1679 | 6.08488426 | 13.8 | 20.6947 |
| 5.70988426 | 14.36 | 27.5301 | 5.8975 | 14.21 | 26.3614 | 6.085 | 13.82 | 20.5035 |
| 5.71 | 14.36 | 27.8553 | 5.89761574 | 14.23 | 27.0259 | 6.08511574 | 13.85 | 21.6067 |
| 5.71011574 | 14.34 | 28.2575 | 5.89773148 | 14.23 | 27.0967 | 6.08523148 | 13.83 | 21.0638 |
| 5.71023148 | 14.34 | 28.425 | 5.89784722 | 14.21 | 26.872 | 6.08534722 | 13.87 | 22.1588 |
| 5.71034722 | 14.33 | 28.7638 | 5.89796296 | 14.24 | 27.6891 | 6.08546296 | 13.89 | 22.6751 |
| 5.71046296 | 14.33 | 28.9723 | 5.8980787 | 14.19 | 25.7742 | 6.0855787 | 13.86 | 21.3449 |
| 5.7105787 | 14.33 | 29.1971 | 5.89819444 | 14.21 | 26.9889 | 6.08569444 | 13.86 | 22.0209 |
| 5.71069444 | 14.33 | 28.9857 | 5.89831019 | 14.24 | 27.4691 | 6.08581019 | 13.92 | 24.1605 |
| 5.71081019 | 14.31 | 29.2621 | 5.89842593 | 14.24 | 27.4772 | 6.08592593 | 13.87 | 22.2354 |
| 5.71092593 | 14.33 | 29.0664 | 5.89854167 | 14.21 | 26.4026 | 6.08604167 | 13.9 | 23.4542 |
| 5.71104167 | 14.33 | 29.1158 | 5.89865741 | 14.26 | 27.969 | 6.08615741 | 13.9 | 23.8295 |
| 5.71115741 | 14.33 | 28.6059 | 5.89877315 | 14.26 | 27.8191 | 6.08627315 | 13.89 | 23.2176 |
| 5.71127315 | 14.33 | 28.9456 | 5.89888889 | 14.21 | 26.527 | 6.08638889 | 13.9 | 23.6089 |
| 5.71138889 | 14.33 | 29.2561 | 5.89900463 | 14.24 | 27.5583 | 6.08650463 | 13.92 | 24.1292 |
| 5.71150463 | 14.33 | 29.1519 | 5.89912037 | 14.24 | 27.9166 | 6.08662037 | 13.93 | 24.2014 |
| 5.71162037 | 14.33 | 29.0215 | 5.89923611 | 14.24 | 28.0253 | 6.08673611 | 13.92 | 23.9552 |
| 5.71173611 | 14.31 | 28.9293 | 5.89935185 | 14.26 | 27.9356 | 6.08685185 | 13.86 | 22.2041 |
| 5.71185185 | 14.33 | 28.8655 | 5.89946759 | 14.24 | 27.7591 | 6.08696759 | 13.85 | 22.1467 |
| 5.71196759 | 14.34 | 28.1131 | 5.89958333 | 14.21 | 26.3989 | 6.08708333 | 13.9 | 24.0357 |
| 5.71208333 | 14.34 | 27.3621 | 5.89969907 | 14.21 | 26.76 | 6.08719907 | 13.9 | 23.681 |
| 5.71219907 | 14.34 | 27.6055 | 5.89981482 | 14.24 | 27.5583 | 6.08731482 | 13.92 | 24.2329 |
| 5.71231482 | 14.34 | 27.3299 | 5.89993056 | 14.24 | 28.0337 | 6.08743056 | 13.92 | 24.2392 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71243056 | 14.33 | 27.8477 | 5.9000463 | 14.23 | 27.4721 | 6.0875463 | 13.93 | 24.5171 |
| 5.7125463 | 14.33 | 28.1457 | 5.90016204 | 14.24 | 27.8211 | 6.08766204 | 13.9 | 23.8693 |
| 5.71266204 | 14.33 | 28.5797 | 5.90027778 | 14.23 | 27.6389 | 6.08777778 | 13.92 | 24.1542 |
| 5.71277778 | 14.39 | 25.377 | 5.90039352 | 14.23 | 27.1164 | 6.08789352 | 13.92 | 24.2867 |
| 5.71289352 | 14.39 | 25.6132 | 5.90050926 | 14.23 | 27.5858 | 6.08800926 | 13.95 | 25.2015 |
| 5.71300926 | 14.4 | 24.9985 | 5.900625 | 14.21 | 27.1107 | 6.088125 | 13.96 | 25.2428 |
| 5.713125 | 14.39 | 24.7062 | 5.90074074 | 14.2 | 27.094 | 6.08824074 | 13.93 | 24.7355 |
| 5.71324074 | 14.39 | 25.5423 | 5.90085648 | 14.2 | 26.7669 | 6.08835648 | 13.9 | 24.4749 |
| 5.71335648 | 14.39 | 24.843 | 5.90097222 | 14.23 | 27.7951 | 6.08847222 | 13.96 | 25.3287 |
| 5.71347222 | 14.41 | 24.289 | 5.90108796 | 14.24 | 27.7921 | 6.08858796 | 13.96 | 25.5021 |
| 5.71358796 | 14.4 | 24.3758 | 5.9012037 | 14.23 | 27.5248 | 6.0887037 | 13.93 | 24.7585 |
| 5.7137037 | 14.41 | 23.9941 | 5.90131944 | 14.24 | 27.9249 | 6.08881944 | 13.95 | 25.1029 |
| 5.71381944 | 14.41 | 23.7276 | 5.90143519 | 14.24 | 27.8667 | 6.08893519 | 13.93 | 24.818 |
| 5.71393519 | 14.41 | 23.6909 | 5.90155093 | 14.23 | 27.3473 | 6.08905093 | 13.95 | 24.7952 |
| 5.71405093 | 14.41 | 24.1137 | 5.90166667 | 14.19 | 26.1558 | 6.08916667 | 13.92 | 24.2803 |
| 5.71416667 | 14.41 | 24.1677 | 5.90178241 | 14.23 | 27.7045 | 6.08928241 | 13.95 | 24.6571 |
| 5.71428241 | 14.41 | 24.0066 | 5.90189815 | 14.2 | 26.848 | 6.08939815 | 13.87 | 23.0486 |
| 5.71439815 | 14.43 | 23.518 | 5.90201389 | 14.23 | 27.3794 | 6.08951389 | 13.87 | 22.9918 |
| 5.71451389 | 14.43 | 23.5421 | 5.90212963 | 14.23 | 27.82 | 6.08962963 | 13.86 | 22.6514 |
| 5.71462963 | 14.39 | 25.5884 | 5.90224537 | 14.21 | 26.76 | 6.08974537 | 13.82 | 21.3087 |
| 5.71474537 | 14.41 | 23.8911 | 5.90236111 | 14.2 | 26.342 | 6.08986111 | 13.79 | 21.6353 |
| 5.71486111 | 14.41 | 24.1454 | 5.90247685 | 14.17 | 26.7069 | 6.08997685 | 13.8 | 21.476 |
| 5.71497685 | 14.43 | 23.5542 | 5.90259259 | 14.26 | 28.8822 | 6.09009259 | 13.82 | 21.8966 |
| 5.71509259 | 14.41 | 23.4102 | 5.90270833 | 14.02 | 19.6549 | 6.09020833 | 13.82 | 21.671 |
| 5.71520833 | 14.39 | 26.0691 | 5.90282407 | 14.13 | 24.9729 | 6.09032407 | 13.69 | 19.0784 |
| 5.71532407 | 14.4 | 24.7998 | 5.90293982 | 14.17 | 27.0168 | 6.09043982 | 13.7 | 19.0102 |
| 5.71543982 | 14.43 | 23.434 | 5.90305556 | 14.16 | 25.3463 | 6.09055556 | 13.76 | 20.794 |
| 5.71555556 | 14.43 | 23.2412 | 5.9031713 | 14.03 | 21.2852 | 6.0906713 | 13.82 | 21.8532 |
| 5.7156713 | 14.43 | 22.8822 | 5.90328704 | 14.17 | 26.2247 | 6.09078704 | 13.82 | 22.0567 |
| 5.71578704 | 14.43 | 22.9451 | 5.90340278 | 14.16 | 25.6054 | 6.09090278 | 13.83 | 22.5295 |
| 5.71590278 | 14.43 | 23.1475 | 5.90351852 | 14.17 | 26.0408 | 6.09101852 | 13.83 | 21.9939 |
| 5.71601852 | 14.43 | 23.017 | 5.90363426 | 14.19 | 26.7238 | 6.09113426 | 13.82 | 21.5588 |
| 5.71613426 | 14.44 | 23.1912 | 5.90375 | 14.19 | 26.5711 | 6.09125 | 13.87 | 23.3139 |
| 5.71625 | 14.43 | 23.1826 | 5.90386574 | 14.06 | 21.9305 | 6.09136574 | 13.89 | 23.615 |
| 5.71636574 | 14.43 | 22.5342 | 5.90398148 | 14.06 | 21.1073 | 6.09148148 | 13.87 | 23.4076 |
| 5.71648148 | 14.44 | 22.6954 | 5.90409722 | 13.87 | 12.1947 | 6.09159722 | 13.89 | 23.5702 |
| 5.71659722 | 14.43 | 22.8822 | 5.90421296 | 13.75 | 9.4111 | 6.09171296 | 13.9 | 23.9214 |
| 5.71671296 | 14.43 | 22.6453 | 5.9043287 | 14.04 | 23.5774 | 6.0918287 | 13.87 | 23.6273 |
| 5.7168287 | 14.44 | 22.7855 | 5.90444444 | 14.16 | 25.1365 | 6.09194444 | 13.87 | 23.3081 |
| 5.71694444 | 14.43 | 23.2501 | 5.90456019 | 14.2 | 27.5218 | 6.09206019 | 13.89 | 23.621 |
| 5.71706019 | 14.44 | 22.9049 | 5.90467593 | 14.23 | 28.0116 | 6.09217593 | 13.89 | 23.7475 |
| 5.71717593 | 14.4 | 25.388 | 5.90479167 | 14.23 | 28.02 | 6.09229167 | 13.85 | 21.431 |
| 5.71729167 | 14.44 | 22.7855 | 5.90490741 | 13.9 | 13.7119 | 6.09240741 | 13.87 | 23.5466 |
| 5.71740741 | 14.41 | 24.3825 | 5.90502315 | 13.72 | 9.087 | 6.09252315 | 13.87 | 23.6393 |
| 5.71752315 | 14.41 | 24.8135 | 5.90513889 | 13.93 | 14.2141 | 6.09263889 | 13.83 | 22.5704 |
| 5.71763889 | 14.4 | 25.4511 | 5.90525463 | 14.04 | 23.5027 | 6.09275463 | 13.86 | 23.3843 |
| 5.71775463 | 14.37 | 27.5556 | 5.90537037 | 14.2 | 27.3204 | 6.09287037 | 13.92 | 24.5559 |
| 5.71787037 | 14.4 | 24.5975 | 5.90548611 | 14.21 | 27.7682 | 6.09298611 | 13.89 | 23.627 |
| 5.71798611 | 14.4 | 24.6602 | 5.90560185 | 14.23 | 28.2269 | 6.09310185 | 13.85 | 22.526 |
| 5.71810185 | 14.39 | 25.6026 | 5.90571759 | 14.23 | 27.5207 | 6.09321759 | 13.82 | 21.8711 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71821759 | 14.39 | 26.3441 | 5.90583333 | 14.23 | 28.062 | 6.09333333 | 13.82 | 22.6364 |
| 5.71833333 | 14.4 | 24.8702 | 5.90594907 | 14.03 | 15.4906 | 6.09344907 | 13.9 | 24.3374 |
| 5.71844907 | 14.43 | 23.7246 | 5.90606482 | 14.04 | 20.6439 | 6.09356482 | 13.82 | 22.6364 |
| 5.71856482 | 14.4 | 25.0769 | 5.90618056 | 14.12 | 23.7217 | 6.09368056 | 13.79 | 22.3909 |
| 5.71868056 | 14.41 | 24.4701 | 5.9062963 | 14.06 | 21.1576 | 6.0937963 | 13.82 | 22.0204 |
| 5.7187963 | 14.4 | 25.1832 | 5.90641204 | 14.2 | 27.1849 | 6.09391204 | 13.85 | 23.0321 |
| 5.71891204 | 14.41 | 24.1772 | 5.90652778 | 14.13 | 21.1002 | 6.09402778 | 13.86 | 23.285 |
| 5.71902778 | 14.41 | 24.4766 | 5.90664352 | 13.99 | 19.6619 | 6.09414352 | 13.87 | 23.9185 |
| 5.71914352 | 14.4 | 25.4792 | 5.90675926 | 14.16 | 26.0257 | 6.09425926 | 13.89 | 23.9584 |
| 5.71925926 | 14.4 | 24.8332 | 5.906875 | 14.13 | 24.0891 | 6.094375 | 13.83 | 22.636 |
| 5.719375 | 14.4 | 25.7245 | 5.90699074 | 14.04 | 20.3251 | 6.09449074 | 13.9 | 24.4107 |
| 5.71949074 | 14.39 | 25.5105 | 5.90710648 | 13.99 | 17.262 | 6.09460648 | 13.79 | 21.7609 |
| 5.71960648 | 14.39 | 25.6382 | 5.90722222 | 14.09 | 22.0829 | 6.09472222 | 13.83 | 22.9618 |
| 5.71972222 | 14.39 | 25.832 | 5.90733796 | 14.07 | 21.2924 | 6.09483796 | 13.93 | 25.592 |
| 5.71983796 | 14.39 | 26.1911 | 5.9074537 | 14.12 | 24.2627 | 6.0949537 | 13.92 | 24.7419 |
| 5.7199537 | 14.39 | 25.5635 | 5.90756944 | 14.14 | 24.6048 | 6.09506944 | 13.9 | 24.2739 |
| 5.72006944 | 14.41 | 24.3534 | 5.90768519 | 14.14 | 23.025 | 6.09518519 | 13.9 | 24.3278 |
| 5.72018519 | 14.4 | 25.388 | 5.90780093 | 14.2 | 27.1335 | 6.09530093 | 13.9 | 24.7317 |
| 5.72030093 | 14.39 | 25.2414 | 5.90791667 | 14.09 | 23.3305 | 6.09541667 | 13.87 | 23.9616 |
| 5.72041667 | 14.41 | 24.677 | 5.90803241 | 14.16 | 25.9203 | 6.09553241 | 13.93 | 25.1431 |
| 5.72053241 | 14.4 | 24.6734 | 5.90814815 | 14.12 | 26.3404 | 6.09564815 | 13.9 | 24.4492 |
| 5.72064815 | 14.41 | 23.7583 | 5.90826389 | 14 | 20.0907 | 6.09576389 | 13.9 | 24.5362 |
| 5.72076389 | 14.4 | 25.273 | 5.90837963 | 14.03 | 20.166 | 6.09587963 | 13.93 | 25.2796 |
| 5.72087963 | 14.41 | 24.1264 | 5.90849537 | 14.07 | 21.9068 | 6.09599537 | 13.92 | 24.6436 |
| 5.72099537 | 14.36 | 27.5138 | 5.90861111 | 13.99 | 16.8385 | 6.09611111 | 13.89 | 23.9646 |
| 5.72111111 | 14.39 | 27.0561 | 5.90872685 | 14.02 | 17.4954 | 6.09622685 | 13.89 | 24.1887 |
| 5.72122685 | 14.39 | 25.4541 | 5.90884259 | 14.02 | 17.8824 | 6.09634259 | 13.92 | 24.7091 |
| 5.72134259 | 14.37 | 26.0421 | 5.90895833 | 13.97 | 16.5842 | 6.09645833 | 13.93 | 25.3725 |
| 5.72145833 | 14.39 | 25.9701 | 5.90907407 | 13.97 | 16.5266 | 6.09657407 | 13.93 | 25.0416 |
| 5.72157407 | 14.37 | 26.8856 | 5.90918982 | 14.02 | 17.2391 | 6.09668982 | 13.9 | 24.2897 |
| 5.72168982 | 14.36 | 28.2943 | 5.90930556 | 14.02 | 16.1711 | 6.09680556 | 13.96 | 25.3943 |
| 5.72180556 | 14.34 | 28.1385 | 5.9094213 | 14.03 | 17.9154 | 6.0969213 | 13.95 | 24.9883 |
| 5.7219213 | 14.34 | 29.1715 | 5.90953704 | 14.04 | 18.1463 | 6.09703704 | 13.93 | 25.0754 |
| 5.72203704 | 14.34 | 27.9783 | 5.90965278 | 14.07 | 17.7882 | 6.09715278 | 13.83 | 21.9758 |
| 5.72215278 | 14.34 | 29.3397 | 5.90976852 | 14.09 | 18.989 | 6.09726852 | 13.89 | 23.8601 |
| 5.72226852 | 14.34 | 27.1186 | 5.90988426 | 14.07 | 18.0903 | 6.09738426 | 13.92 | 24.6111 |
| 5.72238426 | 14.37 | 26.0531 | 5.91 | 14.07 | 18.4805 | 6.0975 | 13.96 | 25.7382 |
| 5.7225 | 14.37 | 25.6692 | 5.91011574 | 14.06 | 17.3589 | 6.09761574 | 13.93 | 24.941 |
| 5.72261574 | 14.36 | 27.176 | 5.91023148 | 14.06 | 19.3149 | 6.09773148 | 13.83 | 22.4133 |
| 5.72273148 | 14.34 | 27.3782 | 5.91034722 | 14.06 | 18.6321 | 6.09784722 | 13.83 | 23.1959 |
| 5.72284722 | 14.36 | 27.356 | 5.91046296 | 14.07 | 20.8539 | 6.09796296 | 13.77 | 21.0305 |
| 5.72296296 | 14.36 | 27.2079 | 5.9105787 | 14.02 | 16.4759 | 6.0980787 | 13.63 | 17.4366 |
| 5.7230787 | 14.36 | 26.9512 | 5.91069444 | 14.04 | 18.2984 | 6.09819444 | 13.73 | 20.7735 |
| 5.72319444 | 14.34 | 28.1088 | 5.91081019 | 14.09 | 19.7332 | 6.09831019 | 13.86 | 24.0606 |
| 5.72331019 | 14.34 | 28.8758 | 5.91092593 | 14.06 | 19.4633 | 6.09842593 | 13.9 | 24.5751 |
| 5.72342593 | 14.34 | 29.0634 | 5.91104167 | 13.96 | 16.0492 | 6.09854167 | 13.93 | 25.1092 |
| 5.72354167 | 14.34 | 28.0371 | 5.91115741 | 13.96 | 15.889 | 6.09865741 | 13.96 | 25.6956 |
| 5.72365741 | 14.34 | 29.3397 | 5.91127315 | 13.87 | 12.7635 | 6.09877315 | 13.95 | 25.1981 |
| 5.72377315 | 14.33 | 30.0328 | 5.91138889 | 13.92 | 16.6562 | 6.09888889 | 13.95 | 25.3077 |
| 5.72388889 | 14.36 | 27.2598 | 5.91150463 | 13.82 | 12.9485 | 6.09900463 | 13.96 | 25.0121 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72400463 | 14.36 | 27.9513 | 5.91162037 | 13.92 | 16.1094 | 6.09912037 | 13.77 | 21.0801 |
| 5.72412037 | 14.37 | 25.5661 | 5.91173611 | 13.99 | 17.4632 | 6.09923611 | 13.89 | 24.5652 |
| 5.72423611 | 14.39 | 24.8396 | 5.91185185 | 14 | 20.8311 | 6.09935185 | 13.95 | 25.2562 |
| 5.72435185 | 14.37 | 26.6767 | 5.91196759 | 13.96 | 20.1072 | 6.09946759 | 13.95 | 25.1538 |
| 5.72446759 | 14.37 | 26.9677 | 5.91208333 | 13.86 | 15.2935 | 6.09958333 | 13.8 | 21.6422 |
| 5.72458333 | 14.36 | 28.107 | 5.91219907 | 13.76 | 12.0674 | 6.09969907 | 13.85 | 23.4139 |
| 5.72469907 | 14.34 | 28.8448 | 5.91231482 | 13.66 | 8.2347 | 6.09981482 | 13.92 | 24.9141 |
| 5.72481482 | 14.33 | 28.6146 | 5.91243056 | 13.55 | 6.4589 | 6.09993056 | 13.85 | 22.7984 |
| 5.72493056 | 14.36 | 28.5751 | 5.9125463 | 13.63 | 7.8813 | 6.1000463 | 13.79 | 22.1365 |
| 5.7250463 | 14.36 | 28.1961 | 5.91266204 | 13.55 | 6.3658 | 6.10016204 | 13.86 | 23.8634 |
| 5.72516204 | 14.34 | 28.2064 | 5.91277778 | 13.52 | 6.0149 | 6.10027778 | 13.86 | 23.4993 |
| 5.72527778 | 14.36 | 28.4578 | 5.91289352 | 13.53 | 6.5797 | 6.10039352 | 13.86 | 23.7297 |
| 5.72539352 | 14.33 | 29.1519 | 5.91300926 | 13.72 | 12.8272 | 6.10050926 | 13.87 | 23.9832 |
| 5.72550926 | 14.34 | 28.0497 | 5.913125 | 13.56 | 6.7121 | 6.100625 | 13.69 | 19.2314 |
| 5.725625 | 14.36 | 27.2758 | 5.91324074 | 13.53 | 6.4376 | 6.10074074 | 13.8 | 22.7336 |
| 5.72574074 | 14.37 | 25.5838 | 5.91335648 | 13.53 | 7.8125 | 6.10085648 | 13.8 | 23.2226 |
| 5.72585648 | 14.39 | 25.3212 | 5.91347222 | 13.66 | 11.2292 | 6.10097222 | 13.86 | 23.9678 |
| 5.72597222 | 14.39 | 25.1004 | 5.91358796 | 13.77 | 13.3214 | 6.10108796 | 13.92 | 25.065 |
| 5.72608796 | 14.37 | 25.0757 | 5.9137037 | 13.6 | 8.4696 | 6.1012037 | 13.96 | 25.7987 |
| 5.7262037 | 14.39 | 24.2823 | 5.91381944 | 13.53 | 6.4282 | 6.10131944 | 13.96 | 25.756 |
| 5.72631944 | 14.36 | 27.9304 | 5.91393519 | 13.49 | 5.6882 | 6.10143519 | 13.86 | 23.2704 |
| 5.72643519 | 14.36 | 28.1282 | 5.91405093 | 13.68 | 12.6934 | 6.10155093 | 13.86 | 23.7418 |
| 5.72655093 | 14.34 | 28.2447 | 5.91416667 | 13.96 | 20.8922 | 6.10166667 | 13.83 | 23.1699 |
| 5.72666667 | 14.36 | 27.3399 | 5.91428241 | 13.96 | 21.0475 | 6.10178241 | 13.87 | 24.3404 |
| 5.72678241 | 14.37 | 26.0568 | 5.91439815 | 13.53 | 5.9012 | 6.10189815 | 13.87 | 24.4041 |
| 5.72689815 | 14.37 | 26.238 | 5.91451389 | 13.59 | 8.6098 | 6.10201389 | 13.87 | 24.2233 |
| 5.72701389 | 14.39 | 26.2468 | 5.91462963 | 13.95 | 19.637 | 6.10212963 | 13.92 | 24.9709 |
| 5.72712963 | 14.39 | 26.7399 | 5.91474537 | 13.85 | 11.3893 | 6.10224537 | 13.93 | 25.4522 |
| 5.72724537 | 14.36 | 28.3801 | 5.91486111 | 13.6 | 8.1695 | 6.10236111 | 13.92 | 24.7979 |
| 5.72736111 | 14.39 | 25.1175 | 5.91497685 | 13.72 | 11.4469 | 6.10247685 | 13.9 | 24.6075 |
| 5.72747685 | 14.39 | 25.4541 | 5.91509259 | 13.73 | 10.8445 | 6.10259259 | 13.92 | 24.9308 |
| 5.72759259 | 14.39 | 25.4893 | 5.91520833 | 13.62 | 8.0466 | 6.10270833 | 13.95 | 25.6562 |
| 5.72770833 | 14.39 | 25.5352 | 5.91532407 | 13.79 | 13.0331 | 6.10282407 | 13.9 | 24.2581 |
| 5.72782407 | 14.39 | 26.442 | 5.91543982 | 13.73 | 10.8494 | 6.10293982 | 13.95 | 25.4391 |
| 5.72793982 | 14.37 | 26.4935 | 5.91555556 | 13.69 | 9.7162 | 6.10305556 | 13.95 | 25.3663 |
| 5.72805556 | 14.39 | 26.5064 | 5.9156713 | 13.77 | 10.7764 | 6.1031713 | 13.89 | 24.1167 |
| 5.7281713 | 14.39 | 25.3108 | 5.91578704 | 13.83 | 12.108 | 6.10328704 | 13.95 | 25.318 |
| 5.72828704 | 14.37 | 26.7113 | 5.91590278 | 13.8 | 11.2525 | 6.10340278 | 13.93 | 24.8976 |
| 5.72840278 | 14.37 | 26.3652 | 5.91601852 | 13.8 | 11.1547 | 6.10351852 | 13.9 | 24.4878 |
| 5.72851852 | 14.39 | 25.3038 | 5.91613426 | 13.8 | 11.1936 | 6.10363426 | 13.93 | 25.3139 |
| 5.72863426 | 14.39 | 25.4225 | 5.91625 | 13.86 | 12.2209 | 6.10375 | 13.93 | 25.2967 |
| 5.72875 | 14.39 | 24.5218 | 5.91636574 | 13.95 | 13.2874 | 6.10386574 | 13.93 | 25.3208 |
| 5.72886574 | 14.4 | 24.3178 | 5.91648148 | 13.95 | 13.4229 | 6.10398148 | 13.93 | 24.7651 |
| 5.72898148 | 14.39 | 25.1278 | 5.91659722 | 13.93 | 13.9361 | 6.10409722 | 13.93 | 24.8644 |
| 5.72909722 | 14.39 | 24.0253 | 5.91671296 | 13.97 | 15.28 | 6.10421296 | 13.89 | 24.6791 |
| 5.72921296 | 14.37 | 23.0669 | 5.9168287 | 13.93 | 13.2965 | 6.1043287 | 13.8 | 20.6742 |
| 5.7293287 | 14.36 | 26.3307 | 5.91694444 | 13.93 | 13.5587 | 6.10444444 | 13.93 | 24.8976 |
| 5.72944444 | 14.37 | 23.3421 | 5.91706019 | 13.96 | 13.7366 | 6.10456019 | 13.93 | 24.808 |
| 5.72956019 | 14.37 | 24.3946 | 5.91717593 | 14 | 14.3199 | 6.10467593 | 13.93 | 25.0652 |
| 5.72967593 | 14.36 | 25.3477 | 5.91729167 | 13.95 | 13.8163 | 6.10479167 | 13.95 | 25.1606 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72979167 | 14.34 | 28.0582 | 5.91740741 | 14.02 | 15.8507 | 6.10490741 | 13.9 | 24.6238 |
| 5.72990741 | 14.34 | 28.4509 | 5.91752315 | 13.99 | 15.4072 | 6.10502315 | 13.93 | 25.1159 |
| 5.73002315 | 14.36 | 26.3494 | 5.91763889 | 13.9 | 12.9261 | 6.10513889 | 13.92 | 24.6045 |
| 5.73013889 | 14.34 | 27.0043 | 5.91775463 | 13.95 | 13.7252 | 6.10525463 | 13.92 | 24.5235 |
| 5.73025463 | 14.36 | 26.312 | 5.91787037 | 13.92 | 12.9358 | 6.10537037 | 13.92 | 24.459 |
| 5.73037037 | 14.37 | 25.9835 | 5.91798611 | 13.99 | 15.4217 | 6.10548611 | 13.96 | 25.5266 |
| 5.73048611 | 14.37 | 26.1897 | 5.91810185 | 14.02 | 16.3795 | 6.10560185 | 13.93 | 24.6112 |
| 5.73060185 | 14.37 | 25.3866 | 5.91821759 | 14.03 | 16.384 | 6.10571759 | 13.9 | 24.2897 |
| 5.73071759 | 14.4 | 22.0069 | 5.91833333 | 13.95 | 14.0812 | 6.10583333 | 13.95 | 25.318 |
| 5.73083333 | 14.34 | 28.1469 | 5.91844907 | 14.02 | 16.2425 | 6.10594907 | 13.9 | 24.1511 |
| 5.73094907 | 14.36 | 25.8773 | 5.91856482 | 14.02 | 15.8824 | 6.10606482 | 13.89 | 23.8357 |
| 5.73106482 | 14.39 | 23.2416 | 5.91868056 | 14.04 | 16.1018 | 6.10618056 | 13.87 | 23.8267 |
| 5.73118056 | 14.37 | 26.3351 | 5.9187963 | 14.02 | 15.7533 | 6.1062963 | 13.9 | 24.8042 |
| 5.7312963 | 14.39 | 24.4957 | 5.91891204 | 14.02 | 15.423 | 6.10641204 | 13.9 | 24.5265 |
| 5.73141204 | 14.39 | 25.6596 | 5.91902778 | 13.87 | 12.0061 | 6.10652778 | 13.92 | 24.8708 |
| 5.73152778 | 14.39 | 25.391 | 5.91914352 | 13.97 | 14.378 | 6.10664352 | 13.9 | 24.4942 |
| 5.73164352 | 14.39 | 26.408 | 5.91925926 | 14.02 | 15.4071 | 6.10675926 | 13.82 | 22.9395 |
| 5.73175926 | 14.36 | 27.5098 | 5.919375 | 13.96 | 14.1461 | 6.106875 | 13.85 | 23.5291 |
| 5.731875 | 14.37 | 27.177 | 5.91949074 | 13.92 | 12.8444 | 6.10699074 | 13.87 | 23.9462 |
| 5.73199074 | 14.36 | 29.0529 | 5.91960648 | 13.97 | 15.2904 | 6.10710648 | 13.87 | 23.9616 |
| 5.73210648 | 14.36 | 28.5359 | 5.91972222 | 14.02 | 15.6569 | 6.10722222 | 13.87 | 24.2928 |
| 5.73222222 | 14.36 | 28.5664 | 5.91983796 | 14.03 | 15.8067 | 6.10733796 | 13.89 | 24.462 |
| 5.73233796 | 14.37 | 27.3933 | 5.9199537 | 14.02 | 15.8369 | 6.1074537 | 13.89 | 24.3819 |
| 5.7324537 | 14.36 | 28.29 | 5.92006944 | 14.06 | 16.2745 | 6.10756944 | 13.89 | 24.4139 |
| 5.73256944 | 14.37 | 26.7963 | 5.92018519 | 14 | 12.8244 | 6.10768519 | 13.89 | 24.3119 |
| 5.73268519 | 14.4 | 24.4764 | 5.92030093 | 14.09 | 17.0179 | 6.10780093 | 13.85 | 23.5797 |
| 5.73280093 | 14.41 | 22.0407 | 5.92041667 | 14.06 | 16.4223 | 6.10791667 | 13.9 | 24.4011 |
| 5.73291667 | 14.43 | 24.0729 | 5.92053241 | 14.04 | 16.2657 | 6.10803241 | 13.86 | 23.9524 |
| 5.73303241 | 14.41 | 23.0635 | 5.92064815 | 13.97 | 13.3912 | 6.10814815 | 13.86 | 24.0048 |
| 5.73314815 | 14.43 | 21.232 | 5.92076389 | 13.97 | 14.6858 | 6.10826389 | 13.9 | 24.6826 |
| 5.73326389 | 14.43 | 20.8954 | 5.92087963 | 13.73 | 9.8141 | 6.10837963 | 13.87 | 23.7447 |
| 5.73337963 | 14.41 | 24.5158 | 5.92099537 | 14.02 | 15.7957 | 6.10849537 | 13.79 | 21.2168 |
| 5.73349537 | 14.4 | 25.1076 | 5.92111111 | 13.96 | 14.2999 | 6.10861111 | 13.8 | 22.3156 |
| 5.73361111 | 14.41 | 22.8997 | 5.92122685 | 13.79 | 9.7467 | 6.10872685 | 13.82 | 22.8973 |
| 5.73372685 | 14.41 | 23.3181 | 5.92134259 | 13.79 | 9.7458 | 6.10884259 | 13.83 | 23.3732 |
| 5.73384259 | 14.43 | 21.232 | 5.92145833 | 13.76 | 9.074 | 6.10895833 | 13.85 | 23.6966 |
| 5.73395833 | 14.39 | 26.5064 | 5.92157407 | 13.76 | 8.9998 | 6.10907407 | 13.82 | 22.6942 |
| 5.73407407 | 14.39 | 25.5246 | 5.92168982 | 13.73 | 9.0077 | 6.10918982 | 13.86 | 23.8909 |
| 5.73418982 | 14.39 | 26.273 | 5.92180556 | 13.72 | 9.0968 | 6.10930556 | 13.79 | 22.2683 |
| 5.73430556 | 14.39 | 25.7959 | 5.9219213 | 13.7 | 9.0988 | 6.1094213 | 13.72 | 18.8716 |
| 5.7344213 | 14.34 | 30.3129 | 5.92203704 | 13.72 | 9.3864 | 6.10953704 | 13.79 | 22.1365 |
| 5.73453704 | 14.37 | 27.4014 | 5.92215278 | 13.72 | 9.3336 | 6.10965278 | 13.83 | 22.8718 |
| 5.73465278 | 14.37 | 27.0188 | 5.92226852 | 13.7 | 9.4242 | 6.10976852 | 13.87 | 24.1761 |
| 5.73476852 | 14.37 | 26.9795 | 5.92238426 | 13.72 | 9.5514 | 6.10988426 | 13.9 | 24.5751 |
| 5.73488426 | 14.41 | 24.3986 | 5.9225 | 13.72 | 9.73 | 6.11 | 13.9 | 24.6695 |
| 5.735 | 14.37 | 27.7942 | 5.92261574 | 13.72 | 9.7151 | 6.11011574 | 13.85 | 23.6876 |
| 5.73511574 | 14.4 | 24.5025 | 5.92273148 | 13.72 | 9.8064 | 6.11023148 | 13.85 | 23.3347 |
| 5.73523148 | 14.41 | 22.5707 | 5.92284722 | 13.72 | 9.8653 | 6.11034722 | 13.83 | 22.8242 |
| 5.73534722 | 14.36 | 29.6845 | 5.92296296 | 13.72 | 9.9112 | 6.11046296 | 13.8 | 22.4173 |
| 5.73546296 | 14.4 | 25.0632 | 5.9230787 | 13.7 | 9.7564 | 6.1105787 | 13.75 | 20.3126 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7355787 | 14.41 | 22.0989 | 5.92319444 | 13.72 | 9.7942 | 6.11069444 | 13.72 | 19.548 |
| 5.73569444 | 14.4 | 24.2025 | 5.92331019 | 13.69 | 9.2763 | 6.11081019 | 13.79 | 22.1549 |
| 5.73581019 | 14.39 | 25.3561 | 5.92342593 | 13.69 | 9.4404 | 6.11092593 | 13.8 | 22.6399 |
| 5.73592593 | 14.41 | 22.4112 | 5.92354167 | 13.68 | 9.5604 | 6.11104167 | 13.75 | 20.5856 |
| 5.73604167 | 14.43 | 20.9143 | 5.92365741 | 13.66 | 8.9811 | 6.11115741 | 13.77 | 21.0541 |
| 5.73615741 | 14.43 | 20.2786 | 5.92377315 | 13.68 | 9.4749 | 6.11127315 | 13.73 | 18.6695 |
| 5.73627315 | 14.43 | 21.2859 | 5.92388889 | 13.65 | 9.2787 | 6.11138889 | 13.77 | 21.2086 |
| 5.73638889 | 14.41 | 22.1122 | 5.92400463 | 13.62 | 8.9201 | 6.11150463 | 13.82 | 23.0643 |
| 5.73650463 | 14.43 | 20.6894 | 5.92412037 | 13.65 | 9.6557 | 6.11162037 | 13.83 | 23.583 |
| 5.73662037 | 14.43 | 22.6565 | 5.92423611 | 13.65 | 9.7393 | 6.11173611 | 13.83 | 23.7906 |
| 5.73673611 | 14.43 | 21.0335 | 5.92435185 | 13.73 | 11.4692 | 6.11185185 | 13.8 | 23.1019 |
| 5.73685185 | 14.43 | 20.3634 | 5.92446759 | 13.63 | 9.2354 | 6.11196759 | 13.76 | 21.0808 |
| 5.73696759 | 14.43 | 22.3915 | 5.92458333 | 13.66 | 11.4596 | 6.11208333 | 13.79 | 22.2365 |
| 5.73708333 | 14.4 | 23.63 | 5.92469907 | 13.68 | 10.341 | 6.11219907 | 13.77 | 22.256 |
| 5.73719907 | 14.43 | 21.1153 | 5.92481482 | 13.87 | 18.2068 | 6.11231482 | 13.8 | 22.6344 |
| 5.73731482 | 14.43 | 20.2475 | 5.92493056 | 13.75 | 11.5422 | 6.11243056 | 13.75 | 18.5591 |
| 5.73743056 | 14.43 | 21.2736 | 5.9250463 | 13.66 | 9.9605 | 6.1125463 | 13.77 | 21.3996 |
| 5.7375463 | 14.41 | 22.9139 | 5.92516204 | 13.8 | 12.9672 | 6.11266204 | 13.75 | 20.5362 |
| 5.73766204 | 14.37 | 27.6785 | 5.92527778 | 13.83 | 13.1153 | 6.11277778 | 13.75 | 19.4104 |
| 5.73777778 | 14.37 | 25.6442 | 5.92539352 | 13.83 | 12.9026 | 6.11289352 | 13.76 | 20.5511 |
| 5.73789352 | 14.4 | 24.2025 | 5.92550926 | 13.89 | 12.8652 | 6.11300926 | 13.76 | 19.8772 |
| 5.73800926 | 14.39 | 25.1484 | 5.925625 | 13.86 | 12.4116 | 6.113125 | 13.77 | 20.6744 |
| 5.738125 | 14.39 | 24.7295 | 5.92574074 | 13.89 | 12.7041 | 6.11324074 | 13.76 | 19.8918 |
| 5.73824074 | 14.39 | 25.097 | 5.92585648 | 13.79 | 11.5303 | 6.11335648 | 13.76 | 20.177 |
| 5.73835648 | 14.39 | 26.2133 | 5.92597222 | 13.83 | 12.1215 | 6.11347222 | 13.79 | 21.2096 |
| 5.73847222 | 14.4 | 24.6107 | 5.92608796 | 13.82 | 11.5923 | 6.11358796 | 13.75 | 19.6731 |
| 5.73858796 | 14.41 | 22.4495 | 5.9262037 | 13.8 | 11.5841 | 6.1137037 | 13.75 | 20.3631 |
| 5.7387037 | 14.36 | 28.35 | 5.92631944 | 13.82 | 11.7761 | 6.11381944 | 13.75 | 20.4537 |
| 5.73881944 | 14.36 | 29.0484 | 5.92643519 | 13.76 | 10.9127 | 6.11393519 | 13.72 | 18.0235 |
| 5.73893519 | 14.37 | 25.8092 | 5.92655093 | 13.76 | 10.7479 | 6.11405093 | 13.69 | 16.5581 |
| 5.73905093 | 14.41 | 21.0731 | 5.92666667 | 13.66 | 9.8891 | 6.11416667 | 13.66 | 15.4558 |
| 5.73916667 | 14.4 | 23.0607 | 5.92678241 | 13.76 | 11.5951 | 6.11428241 | 13.68 | 15.8815 |
| 5.73928241 | 14.39 | 25.4964 | 5.92689815 | 13.72 | 10.5257 | 6.11439815 | 13.76 | 20.9469 |
| 5.73939815 | 14.4 | 20.8666 | 5.92701389 | 13.72 | 10.927 | 6.11451389 | 13.8 | 22.3023 |
| 5.73951389 | 14.41 | 15.9633 | 5.92712963 | 13.69 | 10.2598 | 6.11462963 | 13.87 | 24.1135 |
| 5.73962963 | 14.39 | 26.6361 | 5.92724537 | 13.75 | 11.8098 | 6.11474537 | 13.82 | 21.8404 |
| 5.73974537 | 14.37 | 28.2187 | 5.92736111 | 13.69 | 10.3393 | 6.11486111 | 13.75 | 17.176 |
| 5.73986111 | 14.36 | 28.2217 | 5.92747685 | 13.72 | 11.0396 | 6.11497685 | 13.73 | 18.4601 |
| 5.73997685 | 14.39 | 11.8158 | 5.92759259 | 13.69 | 10.7958 | 6.11509259 | 13.82 | 22.328 |
| 5.74009259 | 14.37 | 28.2442 | 5.92770833 | 13.72 | 10.609 | 6.11520833 | 13.72 | 18.2249 |
| 5.74020833 | 14.34 | 30.2839 | 5.92782407 | 13.68 | 9.9337 | 6.11532407 | 13.62 | 15.4415 |
| 5.74032407 | 14.36 | 27.9807 | 5.92793982 | 13.63 | 9.8724 | 6.11543982 | 13.7 | 18.8363 |
| 5.74043982 | 14.37 | 28.4635 | 5.92805556 | 13.65 | 10.1703 | 6.11555556 | 13.66 | 16.7778 |
| 5.74055556 | 14.36 | 28.9276 | 5.9281713 | 13.62 | 9.5044 | 6.1156713 | 13.73 | 19.7988 |
| 5.7406713 | 14.36 | 29.9005 | 5.92828704 | 13.58 | 8.7778 | 6.11578704 | 13.7 | 17.9083 |
| 5.74078704 | 14.36 | 28.7989 | 5.92840278 | 13.52 | 7.6654 | 6.11590278 | 13.69 | 17.5961 |
| 5.74090278 | 14.37 | 28.3256 | 5.92851852 | 13.6 | 10.3606 | 6.11601852 | 13.62 | 16.2679 |
| 5.74101852 | 14.39 | 21.1249 | 5.92863426 | 13.59 | 9.6318 | 6.11613426 | 13.68 | 18.9858 |
| 5.74113426 | 14.37 | 25.6835 | 5.92875 | 13.59 | 9.4236 | 6.11625 | 13.59 | 16.3969 |
| 5.74125 | 14.37 | 28.5372 | 5.92886574 | 13.56 | 8.8957 | 6.11636574 | 13.48 | 14.6858 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74136574 | 14.34 | 30.1061 | 5.92898148 | 13.56 | 9.1409 | 6.11648148 | 13.49 | 15.9242 |
| 5.74148148 | 14.34 | 30.4636 | 5.92909722 | 13.55 | 9.0077 | 6.11659722 | 13.68 | 19.3681 |
| 5.74159722 | 14.36 | 28.0986 | 5.92921296 | 13.56 | 9.2332 | 6.11671296 | 13.7 | 19.7171 |
| 5.74171296 | 14.37 | 22.293 | 5.9293287 | 13.58 | 9.5078 | 6.1168287 | 13.72 | 20.2195 |
| 5.7418287 | 14.36 | 29.4023 | 5.92944444 | 13.53 | 8.5214 | 6.11694444 | 13.7 | 19.0045 |
| 5.74194444 | 14.36 | 29.3657 | 5.92956019 | 13.59 | 9.861 | 6.11706019 | 13.69 | 18.1343 |
| 5.74206019 | 14.37 | 21.4575 | 5.92967593 | 13.56 | 9.0134 | 6.11717593 | 13.73 | 19.5936 |
| 5.74217593 | 14.37 | 25.9106 | 5.92979167 | 13.6 | 9.7752 | 6.11729167 | 13.72 | 18.4739 |
| 5.74229167 | 14.37 | 23.9002 | 5.92990741 | 13.52 | 8.6727 | 6.11740741 | 13.62 | 15.4349 |
| 5.74240741 | 14.34 | 29.9254 | 5.93002315 | 13.53 | 8.4565 | 6.11752315 | 13.75 | 20.7536 |
| 5.74252315 | 14.34 | 28.9247 | 5.93013889 | 13.49 | 7.9474 | 6.11763889 | 13.73 | 18.9346 |
| 5.74263889 | 14.36 | 19.1623 | 5.93025463 | 13.56 | 9.5524 | 6.11775463 | 13.63 | 15.9311 |
| 5.74275463 | 14.36 | 26.4473 | 5.93037037 | 13.55 | 9.3164 | 6.11787037 | 13.69 | 17.3358 |
| 5.74287037 | 14.36 | 29.4437 | 5.93048611 | 13.49 | 7.9516 | 6.11798611 | 13.51 | 14.4944 |
| 5.74298611 | 14.36 | 29.4667 | 5.93060185 | 13.58 | 9.3101 | 6.11810185 | 13.69 | 16.4936 |
| 5.74310185 | 14.36 | 29.0574 | 5.93071759 | 13.51 | 8.4367 | 6.11821759 | 13.65 | 15.9837 |
| 5.74321759 | 14.36 | 26.9943 | 5.93083333 | 13.51 | 8.5432 | 6.11833333 | 13.79 | 19.9648 |
| 5.74333333 | 14.36 | 29.2699 | 5.93094907 | 13.52 | 8.692 | 6.11844907 | 13.82 | 21.2003 |
| 5.74344907 | 14.34 | 29.5789 | 5.93106482 | 13.46 | 7.584 | 6.11856482 | 13.66 | 17.5525 |
| 5.74356482 | 14.34 | 29.0006 | 5.93118056 | 13.46 | 7.7109 | 6.11868056 | 13.25 | 10.3171 |
| 5.74368056 | 14.36 | 30.0858 | 5.9312963 | 13.52 | 9.2482 | 6.1187963 | 13.72 | 18.8509 |
| 5.7437963 | 14.36 | 30.1002 | 5.93141204 | 13.43 | 7.3408 | 6.11891204 | 13.8 | 20.3609 |
| 5.74391204 | 14.34 | 30.3129 | 5.93152778 | 13.41 | 6.8754 | 6.11902778 | 13.28 | 10.988 |
| 5.74402778 | 14.34 | 30.2646 | 5.93164352 | 13.43 | 7.2949 | 6.11914352 | 13.69 | 18.386 |
| 5.74414352 | 14.36 | 26.6069 | 5.93175926 | 13.46 | 7.912 | 6.11925926 | 13.53 | 15.2307 |
| 5.74425926 | 14.36 | 28.6625 | 5.931875 | 13.42 | 6.9964 | 6.119375 | 13.53 | 14.7781 |
| 5.744375 | 14.36 | 28.2345 | 5.93199074 | 13.51 | 8.9884 | 6.11949074 | 13.66 | 16.4018 |
| 5.74449074 | 14.34 | 28.7652 | 5.93210648 | 13.52 | 8.8092 | 6.11960648 | 13.36 | 12.6631 |
| 5.74460648 | 14.36 | 28.7328 | 5.93222222 | 13.53 | 8.7311 | 6.11972222 | 13.32 | 11.8398 |
| 5.74472222 | 14.36 | 28.3071 | 5.93233796 | 13.55 | 9.3019 | 6.11983796 | 13.01 | 7.2161 |
| 5.74483796 | 14.36 | 26.5193 | 5.9324537 | 13.52 | 8.6982 | 6.1199537 | 13.49 | 17.6796 |
| 5.7449537 | 14.36 | 27.352 | 5.93256944 | 13.51 | 8.6391 | 6.12006944 | 12.92 | 6.8676 |
| 5.74506944 | 14.34 | 26.9337 | 5.93268519 | 13.53 | 8.618 | 6.12018519 | 13.36 | 13.2028 |
| 5.74518519 | 14.34 | 27.2538 | 5.93280093 | 13.49 | 8.0637 | 6.12030093 | 13.05 | 8.4966 |
| 5.74530093 | 14.36 | 26.8187 | 5.93291667 | 13.49 | 8.0008 | 6.12041667 | 13.02 | 8.119 |
| 5.74541667 | 14.36 | 26.5497 | 5.93303241 | 13.48 | 7.7831 | 6.12053241 | 12.89 | 6.3229 |
| 5.74553241 | 14.36 | 27.6323 | 5.93314815 | 13.48 | 8.0314 | 6.12064815 | 13.31 | 13.0858 |
| 5.74564815 | 14.36 | 28.32 | 5.93326389 | 13.49 | 8.1066 | 6.12076389 | 13.42 | 15.8339 |
| 5.74576389 | 14.34 | 28.686 | 5.93337963 | 13.52 | 8.5436 | 6.12087963 | 13.16 | 8.743 |
| 5.74587963 | 14.36 | 28.6362 | 5.93349537 | 13.46 | 7.4712 | 6.12099537 | 13.02 | 8.3991 |
| 5.74599537 | 14.36 | 28.4751 | 5.93361111 | 13.45 | 7.6167 | 6.12111111 | 13.33 | 12.5 |
| 5.74611111 | 14.34 | 28.708 | 5.93372685 | 13.48 | 7.7905 | 6.12122685 | 12.97 | 7.135 |
| 5.74622685 | 14.34 | 28.947 | 5.93384259 | 13.45 | 7.9165 | 6.12134259 | 13.01 | 8.2062 |
| 5.74634259 | 14.34 | 27.8281 | 5.93395833 | 13.46 | 7.5291 | 6.12145833 | 13.38 | 12.9433 |
| 5.74645833 | 14.36 | 28.1579 | 5.93407407 | 13.43 | 7.355 | 6.12157407 | 13.24 | 10.5631 |
| 5.74657407 | 14.34 | 28.3776 | 5.93418982 | 13.45 | 7.2785 | 6.12168982 | 12.98 | 7.4886 |
| 5.74668982 | 14.34 | 28.8669 | 5.93430556 | 13.42 | 7.215 | 6.12180556 | 12.89 | 7.111 |
| 5.74680556 | 14.36 | 20.1495 | 5.9344213 | 13.41 | 7.145 | 6.1219213 | 12.98 | 8.6304 |
| 5.7469213 | 14.34 | 29.2895 | 5.93453704 | 13.41 | 7.1474 | 6.12203704 | 12.85 | 6.8043 |
| 5.74703704 | 14.36 | 16.6067 | 5.93465278 | 13.41 | 7.114 | 6.12215278 | 12.81 | 6.4098 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74715278 | 14.34 | 13.0359 | 5.93476852 | 13.45 | 8.2396 | 6.12226852 | 12.81 | 6.1113 |
| 5.74726852 | 14.34 | 28.0455 | 5.93488426 | 13.46 | 7.9353 | 6.12238426 | 12.81 | 6.3125 |
| 5.74738426 | 14.36 | 29.5313 | 5.935 | 13.42 | 7.4174 | 6.1225 | 12.81 | 6.2839 |
| 5.7475 | 14.36 | 28.702 | 5.93511574 | 13.43 | 7.4779 | 6.12261574 | 12.81 | 6.3204 |
| 5.74761574 | 14.34 | 14.6044 | 5.93523148 | 13.46 | 7.7207 | 6.12273148 | 12.81 | 6.4069 |
| 5.74773148 | 14.34 | 13.0216 | 5.93534722 | 13.45 | 7.633 | 6.12284722 | 12.81 | 6.4113 |
| 5.74784722 | 14.36 | 29.2744 | 5.93546296 | 13.48 | 7.7593 | 6.12296296 | 12.8 | 6.3898 |
| 5.74796296 | 14.34 | 30.1396 | 5.9355787 | 13.51 | 7.8934 | 6.1230787 | 12.82 | 7.7828 |
| 5.7480787 | 14.34 | 13.5858 | 5.93569444 | 13.53 | 8.5648 | 6.12319444 | 12.81 | 6.9624 |
| 5.74819444 | 14.34 | 23.9716 | 5.93581019 | 13.51 | 7.9658 | 6.12331019 | 12.81 | 6.7518 |
| 5.74831019 | 14.34 | 23.4106 | 5.93592593 | 13.49 | 7.9933 | 6.12342593 | 12.81 | 6.3816 |
| 5.74842593 | 14.34 | 25.3992 | 5.93604167 | 13.52 | 8.657 | 6.12354167 | 12.81 | 6.4775 |
| 5.74854167 | 14.34 | 27.3179 | 5.93615741 | 13.53 | 8.6215 | 6.12365741 | 12.81 | 6.6314 |
| 5.74865741 | 14.36 | 25.7474 | 5.93627315 | 13.51 | 8.1454 | 6.12377315 | 12.81 | 6.5126 |
| 5.74877315 | 14.34 | 29.7326 | 5.93638889 | 13.56 | 9.2785 | 6.12388889 | 12.8 | 6.496 |
| 5.74888889 | 14.34 | 29.158 | 5.93650463 | 13.55 | 8.8687 | 6.12400463 | 12.8 | 6.4989 |
| 5.74900463 | 14.34 | 29.7841 | 5.93662037 | 13.51 | 8.2958 | 6.12412037 | 12.78 | 6.4884 |
| 5.74912037 | 14.34 | 18.2483 | 5.93673611 | 13.55 | 9.5253 | 6.12423611 | 12.78 | 6.4519 |
| 5.74923611 | 14.34 | 26.6896 | 5.93685185 | 13.48 | 8.0666 | 6.12435185 | 12.78 | 6.4323 |
| 5.74935185 | 14.34 | 27.7866 | 5.93696759 | 13.49 | 8.3284 | 6.12446759 | 12.88 | 6.8481 |
| 5.74946759 | 14.33 | 15.2781 | 5.93708333 | 13.48 | 7.8375 | 6.12458333 | 12.81 | 6.9909 |
| 5.74958333 | 14.34 | 27.7701 | 5.93719907 | 13.48 | 7.9311 | 6.12469907 | 12.81 | 7.059 |
| 5.74969907 | 14.34 | 29.8123 | 5.93731482 | 13.45 | 7.6468 | 6.12481482 | 12.84 | 7.3618 |
| 5.74981482 | 14.36 | 30.3797 | 5.93743056 | 13.43 | 7.2981 | 6.12493056 | 12.8 | 6.5961 |
| 5.74993056 | 14.34 | 29.0454 | 5.9375463 | 13.43 | 7.3789 | 6.1250463 | 12.81 | 6.8364 |
| 5.7500463 | 14.36 | 30.1576 | 5.93766204 | 13.43 | 7.5769 | 6.12516204 | 12.81 | 7.1611 |
| 5.75016204 | 14.34 | 29.5882 | 5.93777778 | 13.43 | 7.6166 | 6.12527778 | 12.94 | 10.2416 |
| 5.75027778 | 14.36 | 30.2828 | 5.93789352 | 13.43 | 7.4634 | 6.12539352 | 13.08 | 9.7766 |
| 5.75039352 | 14.34 | 29.2213 | 5.93800926 | 13.43 | 7.6053 | 6.12550926 | 12.99 | 9.811 |
| 5.75050926 | 14.36 | 29.764 | 5.938125 | 13.43 | 7.5834 | 6.125625 | 12.81 | 7.0373 |
| 5.750625 | 14.36 | 29.7313 | 5.93824074 | 13.43 | 7.2768 | 6.12574074 | 12.82 | 7.1867 |
| 5.75074074 | 14.36 | 30.0334 | 5.93835648 | 13.45 | 7.0926 | 6.12585648 | 12.84 | 8.0125 |
| 5.75085648 | 14.36 | 30.1432 | 5.93847222 | 13.45 | 7.2345 | 6.12597222 | 12.94 | 8.015 |
| 5.75097222 | 14.36 | 30.6342 | 5.93858796 | 13.45 | 7.2872 | 6.12608796 | 12.81 | 6.7751 |
| 5.75108796 | 14.34 | 30.4489 | 5.9387037 | 13.43 | 7.3423 | 6.1262037 | 12.97 | 8.6011 |
| 5.7512037 | 14.36 | 30.4772 | 5.93881944 | 13.43 | 7.3281 | 6.12631944 | 12.92 | 8.6326 |
| 5.75131944 | 14.34 | 28.3776 | 5.93893519 | 13.42 | 7.3887 | 6.12643519 | 13.02 | 10.3068 |
| 5.75143519 | 14.34 | 29.0185 | 5.93905093 | 13.41 | 7.3684 | 6.12655093 | 13.01 | 9.0125 |
| 5.75155093 | 14.34 | 30.4148 | 5.93916667 | 13.41 | 7.405 | 6.12666667 | 13.09 | 11.3374 |
| 5.75166667 | 14.36 | 30.482 | 5.93928241 | 13.39 | 7.4184 | 6.12678241 | 12.99 | 8.5668 |
| 5.75178241 | 14.34 | 29.5373 | 5.93939815 | 13.41 | 7.4497 | 6.12689815 | 12.99 | 8.9587 |
| 5.75189815 | 14.34 | 29.63 | 5.93951389 | 13.39 | 7.4384 | 6.12701389 | 13.07 | 10.9338 |
| 5.75201389 | 14.34 | 29.39 | 5.93962963 | 13.39 | 7.4648 | 6.12712963 | 13.16 | 11.422 |
| 5.75212963 | 14.34 | 29.1399 | 5.93974537 | 13.41 | 7.4737 | 6.12724537 | 13.33 | 14.532 |
| 5.75224537 | 14.34 | 30.1109 | 5.93986111 | 13.42 | 7.6397 | 6.12736111 | 13.31 | 13.7741 |
| 5.75236111 | 14.34 | 29.7653 | 5.93997685 | 13.43 | 7.6361 | 6.12747685 | 13.07 | 10.5105 |
| 5.75247685 | 14.34 | 30.3178 | 5.94009259 | 13.43 | 7.3115 | 6.12759259 | 13.25 | 13.4349 |
| 5.75259259 | 14.34 | 30.4733 | 5.94020833 | 13.43 | 7.5503 | 6.12770833 | 13.18 | 11.4415 |
| 5.75270833 | 14.36 | 30.4967 | 5.94032407 | 13.45 | 7.6761 | 6.12782407 | 13.36 | 14.1568 |
| 5.75282407 | 14.36 | 30.2635 | 5.94043982 | 13.45 | 7.9765 | 6.12793982 | 13.21 | 11.0879 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.75293982 | 14.36 | 30.4186 | 5.94055556 | 13.69 | 12.9003 | 6.12805556 | 13.33 | 14.169 |
| 5.75305556 | 14.34 | 29.6253 | 5.9406713 | 13.75 | 13.2579 | 6.1281713 | 13.31 | 13.9505 |
| 5.7531713 | 14.34 | 30.1157 | 5.94078704 | 13.73 | 13.2871 | 6.12828704 | 13.65 | 19.1464 |
| 5.75328704 | 14.34 | 29.3168 | 5.94090278 | 13.7 | 11.8055 | 6.12840278 | 13.45 | 14.7269 |
| 5.75340278 | 14.34 | 26.5672 | 5.94101852 | 13.56 | 9.3633 | 6.12851852 | 13.36 | 14.9038 |
| 5.75351852 | 14.34 | 29.6532 | 5.94113426 | 13.48 | 8.3614 | 6.12863426 | 13.33 | 12.8051 |
| 5.75363426 | 14.34 | 24.9998 | 5.94125 | 13.95 | 23.418 | 6.12875 | 13.31 | 13.6363 |
| 5.75375 | 14.36 | 26.9825 | 5.94136574 | 14.06 | 25.346 | 6.12886574 | 13.45 | 16.6337 |
| 5.75386574 | 14.34 | 25.7499 | 5.94148148 | 13.59 | 11.3531 | 6.12898148 | 13.52 | 16.1992 |
| 5.75398148 | 14.33 | 19.4679 | 5.94159722 | 13.92 | 20.2103 | 6.12909722 | 13.41 | 14.6497 |
| 5.75409722 | 14.34 | 21.3401 | 5.94171296 | 13.66 | 11.5468 | 6.12921296 | 13.29 | 12.8544 |
| 5.75421296 | 14.34 | 24.5599 | 5.9418287 | 13.69 | 13.2641 | 6.1293287 | 13.11 | 9.2789 |
| 5.7543287 | 14.33 | 22.3674 | 5.94194444 | 13.76 | 15.5831 | 6.12944444 | 12.97 | 8.2404 |
| 5.75444444 | 14.33 | 18.1871 | 5.94206019 | 13.58 | 9.6677 | 6.12956019 | 12.91 | 7.4821 |
| 5.75456019 | 14.34 | 24.3908 | 5.94217593 | 13.52 | 9.2546 | 6.12967593 | 13.45 | 16.2444 |
| 5.75467593 | 14.31 | 15.2637 | 5.94229167 | 13.56 | 10.1018 | 6.12979167 | 13.62 | 19.1323 |
| 5.75479167 | 14.33 | 21.4198 | 5.94240741 | 13.55 | 9.9399 | 6.12990741 | 13.66 | 20.2771 |
| 5.75490741 | 14.34 | 26.6935 | 5.94252315 | 13.52 | 9.4142 | 6.13002315 | 13.59 | 17.9374 |
| 5.75502315 | 14.33 | 21.3407 | 5.94263889 | 13.55 | 10.2895 | 6.13013889 | 13.07 | 8.4348 |
| 5.75513889 | 14.34 | 29.4359 | 5.94275463 | 13.58 | 10.5523 | 6.13025463 | 13.19 | 12.1055 |
| 5.75525463 | 14.33 | 22.3268 | 5.94287037 | 13.52 | 9.0049 | 6.13037037 | 13.46 | 16.4249 |
| 5.75537037 | 14.34 | 28.2277 | 5.94298611 | 13.49 | 8.8107 | 6.13048611 | 13.07 | 9.1293 |
| 5.75548611 | 14.34 | 26.2025 | 5.94310185 | 13.48 | 8.3752 | 6.13060185 | 13.09 | 10.8904 |
| 5.75560185 | 14.34 | 29.1083 | 5.94321759 | 13.49 | 8.9457 | 6.13071759 | 13.39 | 15.9368 |
| 5.75571759 | 14.33 | 23.5484 | 5.94333333 | 13.49 | 8.599 | 6.13083333 | 13.33 | 13.4995 |
| 5.75583333 | 14.31 | 17.984 | 5.94344907 | 13.51 | 9.1989 | 6.13094907 | 13.25 | 12.5369 |
| 5.75594907 | 14.3 | 16.788 | 5.94356482 | 13.51 | 8.8487 | 6.13106482 | 13.19 | 11.655 |
| 5.75606482 | 14.34 | 28.1342 | 5.94368056 | 13.48 | 8.4105 | 6.13118056 | 13.12 | 10.9036 |
| 5.75618056 | 14.34 | 29.3077 | 5.9437963 | 13.49 | 8.2549 | 6.1312963 | 13.19 | 12.5974 |
| 5.7562963 | 14.34 | 30.3323 | 5.94391204 | 13.48 | 8.1984 | 6.13141204 | 12.95 | 9.3289 |
| 5.75641204 | 14.34 | 28.5202 | 5.94402778 | 13.46 | 8.1959 | 6.13152778 | 13.14 | 11.7713 |
| 5.75652778 | 14.34 | 29.9396 | 5.94414352 | 13.46 | 8.1214 | 6.13164352 | 13.02 | 10.6319 |
| 5.75664352 | 14.34 | 29.9396 | 5.94425926 | 13.43 | 8.0721 | 6.13175926 | 13.56 | 19.5486 |
| 5.75675926 | 14.34 | 30.2888 | 5.944375 | 13.42 | 8.0355 | 6.131875 | 13.09 | 10.6027 |
| 5.756875 | 14.36 | 30.081 | 5.94449074 | 13.41 | 8.067 | 6.13199074 | 13.19 | 11.7931 |
| 5.75699074 | 14.34 | 29.5419 | 5.94460648 | 13.39 | 8.0956 | 6.13210648 | 13.05 | 11.0432 |
| 5.75710648 | 14.34 | 29.817 | 5.94472222 | 13.38 | 8.0927 | 6.13222222 | 13.19 | 12.8968 |
| 5.75722222 | 14.36 | 29.7453 | 5.94483796 | 13.36 | 8.1163 | 6.13233796 | 13.25 | 14.2737 |
| 5.75733796 | 14.34 | 29.4221 | 5.9449537 | 13.36 | 8.129 | 6.1324537 | 13.28 | 14.4066 |
| 5.7574537 | 14.34 | 30.0203 | 5.94506944 | 13.38 | 8.1408 | 6.13256944 | 13.28 | 15.2731 |
| 5.75756944 | 14.36 | 29.858 | 5.94518519 | 13.36 | 8.1561 | 6.13268519 | 13.16 | 12.7902 |
| 5.75768519 | 14.34 | 30.2598 | 5.94530093 | 13.38 | 8.1611 | 6.13280093 | 13.28 | 13.9684 |
| 5.75780093 | 14.34 | 30.1732 | 5.94541667 | 13.36 | 8.151 | 6.13291667 | 13.28 | 14.4525 |
| 5.75791667 | 14.36 | 30.2105 | 5.94553241 | 13.35 | 8.1362 | 6.13303241 | 13.26 | 14.3047 |
| 5.75803241 | 14.36 | 30.1672 | 5.94564815 | 13.36 | 8.1391 | 6.13314815 | 13.39 | 15.5581 |
| 5.75814815 | 14.34 | 30.1205 | 5.94576389 | 13.36 | 8.1518 | 6.13326389 | 13.36 | 15.1884 |
| 5.75826389 | 14.34 | 30.0441 | 5.94587963 | 13.36 | 8.1586 | 6.13337963 | 13.29 | 13.9251 |
| 5.75837963 | 14.36 | 30.1193 | 5.94599537 | 13.36 | 8.1417 | 6.13349537 | 13.42 | 16.1454 |
| 5.75849537 | 14.34 | 30.0441 | 5.94611111 | 13.36 | 8.1645 | 6.13361111 | 13.39 | 15.739 |
| 5.75861111 | 14.34 | 29.7232 | 5.94622685 | 13.36 | 8.1934 | 6.13372685 | 13.42 | 15.8969 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.75872685 | 14.36 | 30.2683 | 5.94634259 | 13.36 | 8.1891 | 6.13384259 | 13.28 | 13.508 |
| 5.75884259 | 14.36 | 30.196 | 5.94645833 | 13.36 | 8.1917 | 6.13395833 | 13.53 | 17.3505 |
| 5.75895833 | 14.36 | 30.196 | 5.94657407 | 13.36 | 8.2555 | 6.13407407 | 13.46 | 16.5062 |
| 5.75907407 | 14.36 | 30.1049 | 5.94668982 | 13.38 | 8.2061 | 6.13418982 | 13.39 | 15.2435 |
| 5.75918982 | 14.34 | 30.1396 | 5.94680556 | 13.38 | 8.6272 | 6.13430556 | 13.36 | 15.284 |
| 5.75930556 | 14.34 | 30.0775 | 5.9469213 | 13.38 | 8.4635 | 6.1344213 | 13.26 | 13.1361 |
| 5.7594213 | 14.34 | 29.6114 | 5.94703704 | 13.36 | 8.2632 | 6.13453704 | 13.39 | 15.0119 |
| 5.75953704 | 14.34 | 29.817 | 5.94715278 | 13.38 | 8.2803 | 6.13465278 | 13.28 | 13.9427 |
| 5.75965278 | 14.34 | 30.2261 | 5.94726852 | 13.36 | 8.2889 | 6.13476852 | 13.26 | 14.1878 |
| 5.75976852 | 14.34 | 29.817 | 5.94738426 | 13.36 | 8.3403 | 6.13488426 | 13.35 | 16.0713 |
| 5.75988426 | 14.34 | 29.0948 | 5.9475 | 13.38 | 8.4531 | 6.135 | 13.26 | 14.2557 |
| 5.76 | 14.34 | 28.4768 | 5.94761574 | 13.39 | 8.4665 | 6.13511574 | 13.25 | 14.5197 |
| 5.76011574 | 14.34 | 29.8829 | 5.94773148 | 13.38 | 8.3867 | 6.13523148 | 13.25 | 14.6444 |
| 5.76023148 | 14.34 | 30.0536 | 5.94784722 | 13.38 | 8.4039 | 6.13534722 | 13.29 | 14.931 |
| 5.76034722 | 14.34 | 29.6207 | 5.94796296 | 13.38 | 8.3781 | 6.13546296 | 13.29 | 14.4536 |
| 5.76046296 | 14.34 | 29.5836 | 5.9480787 | 13.38 | 8.4748 | 6.1355787 | 12.81 | 6.3319 |
| 5.7605787 | 14.34 | 28.9738 | 5.94819444 | 13.36 | 8.4264 | 6.13569444 | 13.05 | 10.5619 |
| 5.76069444 | 14.33 | 27.0703 | 5.94831019 | 13.38 | 8.4203 | 6.13581019 | 12.89 | 8.9958 |
| 5.76081019 | 14.33 | 26.9172 | 5.94842593 | 13.38 | 8.4376 | 6.13592593 | 13.28 | 16.0714 |
| 5.76092593 | 14.33 | 28.7814 | 5.94854167 | 13.38 | 8.4237 | 6.13604167 | 13.26 | 13.5787 |
| 5.76104167 | 14.34 | 28.075 | 5.94865741 | 13.38 | 8.486 | 6.13615741 | 13.11 | 11.7691 |
| 5.76115741 | 14.33 | 27.7194 | | | | | | |

DrEx 111

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.59133102 | 15.12 | 2.09 | 5.76332176 | 14.47 | 28.1171 | 5.93519676 | 13.95 | 24.0978 |
| 5.59144676 | 15.11 | 1.916 | 5.7634375 | 14.48 | 27.7965 | 5.9353125 | 13.95 | 24.1219 |
| 5.5915625 | 14.99 | 8.0073 | 5.76355324 | 14.48 | 27.6989 | 5.93542824 | 13.96 | 24.175 |
| 5.59167824 | 14.99 | 6.551 | 5.76366898 | 14.48 | 27.9003 | 5.93554398 | 13.98 | 24.2066 |
| 5.59179398 | 14.91 | 12.5942 | 5.76378472 | 14.48 | 28.107 | 5.93565972 | 13.98 | 24.1912 |
| 5.59190972 | 14.88 | 13.7829 | 5.76390046 | 14.48 | 27.8919 | 5.93577546 | 13.98 | 24.273 |
| 5.59202546 | 14.91 | 11.696 | 5.7640162 | 14.47 | 27.7617 | 5.9358912 | 13.99 | 24.3134 |
| 5.5921412 | 14.87 | 14.8495 | 5.76413194 | 14.47 | 27.5703 | 5.93600694 | 13.98 | 24.2287 |
| 5.59225694 | 14.82 | 16.6433 | 5.76424769 | 14.48 | 27.6129 | 5.93612269 | 13.98 | 24.2531 |
| 5.59237269 | 14.88 | 12.7383 | 5.76436343 | 14.48 | 27.577 | 5.93623843 | 13.96 | 24.1905 |
| 5.59248843 | 14.94 | 10.3585 | 5.76447917 | 14.48 | 27.2979 | 5.93635417 | 13.98 | 24.2133 |
| 5.59260417 | 15 | 5.3669 | 5.76459491 | 14.47 | 27.4795 | 5.93646991 | 13.96 | 24.2148 |
| 5.59271991 | 14.86 | 16.1435 | 5.76471065 | 14.47 | 27.529 | 5.93658565 | 13.98 | 24.2975 |
| 5.59283565 | 14.87 | 14.8037 | 5.76482639 | 14.48 | 27.5522 | 5.93670139 | 13.98 | 24.2575 |
| 5.59295139 | 14.94 | 9.8583 | 5.76494213 | 14.48 | 27.6517 | 5.93681713 | 13.96 | 24.2103 |
| 5.59306713 | 15.02 | 5.0851 | 5.76505787 | 14.5 | 27.9423 | 5.93693287 | 13.96 | 24.2324 |
| 5.59318287 | 15 | 6.3456 | 5.76517361 | 14.5 | 28.0926 | 5.93704861 | 13.98 | 24.2398 |
| 5.59329861 | 15.03 | 4.8225 | 5.76528935 | 14.5 | 27.9254 | 5.93716435 | 13.96 | 24.1971 |
| 5.59341435 | 15.03 | 5.339 | 5.76540509 | 14.48 | 28.2645 | 5.93728009 | 13.96 | 24.1684 |
| 5.59353009 | 14.83 | 16.7971 | 5.76552083 | 14.48 | 28.0473 | 5.93739583 | 13.96 | 24.1684 |
| 5.59364583 | 14.84 | 16.3419 | 5.76563657 | 14.48 | 28.0587 | 5.93751157 | 13.96 | 24.142 |
| 5.59376157 | 14.82 | 17.3497 | 5.76575232 | 14.5 | 28.1639 | 5.93762732 | 13.95 | 24.1153 |
| 5.59387732 | 14.86 | 12.3053 | 5.76586806 | 14.48 | 28.1985 | 5.93774306 | 13.95 | 24.1088 |
| 5.59399306 | 14.96 | 8.3399 | 5.7659838 | 14.48 | 28.351 | 5.9378588 | 13.95 | 24.1131 |
| 5.5941088 | 14.96 | 8.9361 | 5.76609954 | 14.48 | 28.276 | 5.93797454 | 13.95 | 24.1022 |
| 5.59422454 | 15.07 | 3.1473 | 5.76621528 | 14.48 | 28.0615 | 5.93809028 | 13.95 | 24.1527 |
| 5.59434028 | 14.99 | 7.9829 | 5.76633102 | 14.48 | 28.0473 | 5.93820602 | 13.95 | 24.1197 |
| 5.59445602 | 14.91 | 11.2316 | 5.76644676 | 14.48 | 28.3221 | 5.93832176 | 13.94 | 24.115 |
| 5.59457176 | 14.95 | 6.9551 | 5.7665625 | 14.46 | 28.4265 | 5.9384375 | 13.95 | 24.0978 |
| 5.5946875 | 14.99 | 5.9056 | 5.76667824 | 14.44 | 28.3628 | 5.93855324 | 13.95 | 24.0868 |
| 5.59480324 | 15.03 | 4.4897 | 5.76679398 | 14.46 | 28.4033 | 5.93866898 | 13.95 | 24.1022 |
| 5.59491898 | 15.03 | 4.9941 | 5.76690972 | 14.46 | 28.3338 | 5.93878472 | 13.95 | 24.1088 |
| 5.59503472 | 15.04 | 4.162 | 5.76702546 | 14.46 | 28.4963 | 5.93890046 | 13.96 | 24.0916 |
| 5.59515046 | 15.04 | 4.138 | 5.7671412 | 14.44 | 28.546 | 5.9390162 | 13.95 | 24.1066 |
| 5.5952662 | 15.04 | 4.4355 | 5.76725694 | 14.43 | 28.6295 | 5.93913194 | 13.95 | 24.1022 |
| 5.59538194 | 15.03 | 5.0112 | 5.76737269 | 14.44 | 28.239 | 5.93924769 | 13.95 | 24.0934 |
| 5.59549769 | 15.04 | 4.0064 | 5.76748843 | 14.42 | 28.6193 | 5.93936343 | 13.95 | 24.089 |
| 5.59561343 | 15.04 | 4.3871 | 5.76760417 | 14.43 | 28.2319 | 5.93947917 | 13.94 | 24.0975 |
| 5.59572917 | 15.04 | 4.8254 | 5.76771991 | 14.42 | 28.4093 | 5.93959491 | 13.94 | 24.0865 |
| 5.59584491 | 15.04 | 4.3565 | 5.76783565 | 14.4 | 28.823 | 5.93971065 | 13.95 | 24.1066 |
| 5.59596065 | 15.04 | 4.4874 | 5.76795139 | 14.4 | 28.8408 | 5.93982639 | 13.94 | 24.115 |
| 5.59607639 | 15.02 | 6.5544 | 5.76806713 | 14.4 | 28.8586 | 5.93994213 | 13.94 | 24.0931 |
| 5.59619213 | 14.99 | 7.803 | 5.76818287 | 14.4 | 28.8854 | 5.94005787 | 13.95 | 24.1131 |
| 5.59630787 | 14.86 | 15.8656 | 5.76829861 | 14.4 | 28.9122 | 5.94017361 | 13.95 | 24.1088 |
| 5.59642361 | 14.88 | 13.1316 | 5.76841435 | 14.4 | 28.8795 | 5.94028935 | 13.95 | 24.0934 |
| 5.59653935 | 14.79 | 18.0901 | 5.76853009 | 14.4 | 28.8081 | 5.94040509 | 13.95 | 24.1022 |
| 5.59665509 | 14.56 | 28.8322 | 5.76864583 | 14.4 | 28.7844 | 5.94052083 | 13.94 | 24.1172 |
| 5.59677083 | 14.8 | 17.2228 | 5.76876157 | 14.4 | 28.7874 | 5.94063657 | 13.95 | 24.1197 |
| 5.59688657 | 14.96 | 8.4311 | 5.76887732 | 14.4 | 28.7844 | 5.94075232 | 13.95 | 24.1197 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59700232 | 14.9 | 12.4851 | 5.76899306 | 14.4 | 28.7578 | 5.94086806 | 13.95 | 24.1307 |
| 5.59711806 | 14.94 | 9.5968 | 5.7691088 | 14.4 | 28.7607 | 5.9409838 | 13.95 | 24.1263 |
| 5.5972338 | 14.96 | 8.0363 | 5.76922454 | 14.42 | 28.7341 | 5.94109954 | 13.95 | 24.1197 |
| 5.59734954 | 14.98 | 7.829 | 5.76934028 | 14.42 | 28.6898 | 5.94121528 | 13.95 | 24.1109 |
| 5.59746528 | 15.04 | 4.8087 | 5.76945602 | 14.42 | 28.6957 | 5.94133102 | 13.95 | 24.1197 |
| 5.59758102 | 14.99 | 6.5934 | 5.76957176 | 14.42 | 28.7105 | 5.94144676 | 13.95 | 24.1395 |
| 5.59769676 | 14.94 | 10.8124 | 5.7696875 | 14.42 | 28.3283 | 5.9415625 | 13.96 | 24.1376 |
| 5.5978125 | 14.9 | 13.2887 | 5.76980324 | 14.42 | 28.265 | 5.94167824 | 13.98 | 24.1449 |
| 5.59792824 | 14.91 | 12.5073 | 5.76991898 | 14.42 | 27.7612 | 5.94179398 | 13.96 | 24.1596 |
| 5.59804398 | 14.87 | 13.422 | 5.77003472 | 14.43 | 27.8463 | 5.94190972 | 13.96 | 24.131 |
| 5.59815972 | 14.94 | 9.0224 | 5.77015046 | 14.43 | 28.2462 | 5.94202546 | 13.95 | 24.1307 |
| 5.59827546 | 14.84 | 15.8365 | 5.7702662 | 14.43 | 26.9703 | 5.9421412 | 13.96 | 24.1267 |
| 5.5983912 | 14.9 | 13.3252 | 5.77038194 | 14.4 | 26.1672 | 5.94225694 | 13.96 | 24.1157 |
| 5.59850694 | 14.95 | 10.0686 | 5.77049769 | 14.42 | 27.1832 | 5.94237269 | 13.96 | 24.1201 |
| 5.59862269 | 14.9 | 12.8102 | 5.77061343 | 14.4 | 27.0204 | 5.94248843 | 13.96 | 24.175 |
| 5.59873843 | 14.91 | 12.1006 | 5.77072917 | 14.42 | 26.5705 | 5.94260417 | 13.95 | 24.1615 |
| 5.59885417 | 14.91 | 12.3567 | 5.77084491 | 14.42 | 26.6094 | 5.94271991 | 13.96 | 24.1706 |
| 5.59896991 | 14.98 | 8.2759 | 5.77096065 | 14.42 | 27.5534 | 5.94283565 | 13.95 | 24.1571 |
| 5.59908565 | 15.03 | 4.8972 | 5.77107639 | 14.4 | 27.7226 | 5.94295139 | 13.96 | 24.2037 |
| 5.59920139 | 15.04 | 5.0914 | 5.77119213 | 14.42 | 27.108 | 5.94306713 | 13.96 | 24.1223 |
| 5.59931713 | 15 | 6.4872 | 5.77130787 | 14.43 | 26.3783 | 5.94318287 | 13.95 | 24.1373 |
| 5.59943287 | 14.96 | 9.7194 | 5.77142361 | 14.43 | 25.4246 | 5.94329861 | 13.95 | 24.1835 |
| 5.59954861 | 14.84 | 16.2301 | 5.77153935 | 14.43 | 26.1016 | 5.94341435 | 13.96 | 24.2214 |
| 5.59966435 | 14.83 | 13.6656 | 5.77165509 | 14.42 | 25.4095 | 5.94353009 | 13.96 | 24.1618 |
| 5.59978009 | 14.66 | 25.1795 | 5.77177083 | 14.42 | 26.0932 | 5.94364583 | 13.95 | 24.1285 |
| 5.59989583 | 14.56 | 28.6544 | 5.77188657 | 14.42 | 26.8634 | 5.94376157 | 13.95 | 24.1439 |
| 5.60001157 | 14.52 | 29.4995 | 5.77200232 | 14.43 | 26.8064 | 5.94387732 | 13.95 | 24.1659 |
| 5.60012732 | 14.5 | 29.717 | 5.77211806 | 14.4 | 26.8034 | 5.94399306 | 13.95 | 24.1263 |
| 5.60024306 | 14.5 | 29.7986 | 5.7722338 | 14.43 | 26.8169 | 5.9441088 | 13.95 | 24.1329 |
| 5.6003588 | 14.51 | 29.8413 | 5.77234954 | 14.43 | 26.7696 | 5.94422454 | 13.95 | 24.1417 |
| 5.60047454 | 14.51 | 29.7438 | 5.77246528 | 14.43 | 26.5068 | 5.94434028 | 13.95 | 24.1351 |
| 5.60059028 | 14.51 | 29.8161 | 5.77258102 | 14.43 | 26.368 | 5.94445602 | 13.94 | 24.126 |
| 5.60070602 | 14.51 | 29.8318 | 5.77269676 | 14.4 | 27.5814 | 5.94457176 | 13.94 | 24.1238 |
| 5.60082176 | 14.51 | 29.7815 | 5.7728125 | 14.42 | 26.0656 | 5.9446875 | 13.94 | 24.1611 |
| 5.6009375 | 14.51 | 29.6969 | 5.77292824 | 14.42 | 26.2474 | 5.94480324 | 13.94 | 24.1216 |
| 5.60105324 | 14.51 | 29.7407 | 5.77304398 | 14.42 | 26.7215 | 5.94491898 | 13.94 | 24.1501 |
| 5.60116898 | 14.51 | 29.8066 | 5.77315972 | 14.42 | 27.5286 | 5.94503472 | 13.95 | 24.1593 |
| 5.60128472 | 14.5 | 29.8238 | 5.77327546 | 14.4 | 28.5959 | 5.94515046 | 13.94 | 24.1457 |
| 5.60140046 | 14.5 | 29.8584 | 5.7733912 | 14.4 | 27.692 | 5.9452662 | 13.94 | 24.1677 |
| 5.6015162 | 14.5 | 29.8143 | 5.77350694 | 14.42 | 27.1563 | 5.94538194 | 13.94 | 24.1479 |
| 5.60163194 | 14.51 | 29.7564 | 5.77362269 | 14.4 | 28.0455 | 5.94549769 | 13.94 | 24.1479 |
| 5.60174769 | 14.5 | 29.8332 | 5.77373843 | 14.4 | 28.3834 | 5.94561343 | 13.94 | 24.1457 |
| 5.60186343 | 14.51 | 29.6812 | 5.77385417 | 14.4 | 28.3718 | 5.94572917 | 13.95 | 24.1901 |
| 5.60197917 | 14.51 | 29.7219 | 5.77396991 | 14.4 | 28.5082 | 5.94584491 | 13.94 | 24.1655 |
| 5.60209491 | 14.48 | 29.8328 | 5.77408565 | 14.4 | 27.7476 | 5.94596065 | 13.95 | 24.1967 |
| 5.60221065 | 14.51 | 29.6188 | 5.77420139 | 14.39 | 28.2754 | 5.94607639 | 13.95 | 24.2034 |
| 5.60232639 | 14.51 | 29.5226 | 5.77431713 | 14.4 | 28.6252 | 5.94619213 | 13.96 | 24.2192 |
| 5.60244213 | 14.51 | 29.6282 | 5.77443287 | 14.4 | 28.74 | 5.94630787 | 13.95 | 24.2034 |
| 5.60255787 | 14.52 | 29.5584 | 5.77454861 | 14.4 | 28.7489 | 5.94642361 | 13.95 | 24.2122 |
| 5.60267361 | 14.54 | 29.3611 | 5.77466435 | 14.42 | 28.684 | 5.94653935 | 13.95 | 24.2254 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60278935 | 14.54 | 29.4042 | 5.77478009 | 14.42 | 28.7075 | 5.94665509 | 13.95 | 24.2144 |
| 5.60290509 | 14.54 | 29.3427 | 5.77489583 | 14.42 | 28.7164 | 5.94677083 | 13.95 | 24.2122 |
| 5.60302083 | 14.52 | 29.4624 | 5.77501157 | 14.4 | 28.7341 | 5.94688657 | 13.94 | 24.2052 |
| 5.60313657 | 14.51 | 29.6157 | 5.77512732 | 14.4 | 28.8052 | 5.94700232 | 13.95 | 24.2056 |
| 5.60325232 | 14.5 | 29.6795 | 5.77524306 | 14.4 | 28.3285 | 5.94711806 | 13.95 | 24.2277 |
| 5.60336806 | 14.5 | 29.7954 | 5.7753588 | 14.4 | 28.3805 | 5.9472338 | 13.94 | 24.1964 |
| 5.6034838 | 14.5 | 29.8364 | 5.77547454 | 14.4 | 28.637 | 5.94734954 | 13.94 | 24.1898 |
| 5.60359954 | 14.5 | 29.7829 | 5.77559028 | 14.4 | 28.7017 | 5.94746528 | 13.92 | 24.1825 |
| 5.60371528 | 14.5 | 29.7892 | 5.77570602 | 14.39 | 28.3994 | 5.94758102 | 13.94 | 24.2096 |
| 5.60383102 | 14.5 | 29.7923 | 5.77582176 | 14.4 | 27.8062 | 5.94769676 | 13.94 | 24.1898 |
| 5.60394676 | 14.48 | 29.748 | 5.7759375 | 14.4 | 26.8324 | 5.9478125 | 13.94 | 24.203 |
| 5.6040625 | 14.5 | 29.7515 | 5.77605324 | 14.4 | 26.1621 | 5.94792824 | 13.95 | 24.1747 |
| 5.60417824 | 14.48 | 29.8202 | 5.77616898 | 14.4 | 26.0991 | 5.94804398 | 13.94 | 24.1898 |
| 5.60429398 | 14.48 | 29.8517 | 5.77628472 | 14.4 | 26.4731 | 5.94815972 | 13.92 | 24.1979 |
| 5.60440972 | 14.48 | 29.8612 | 5.77640046 | 14.39 | 26.3007 | 5.94827546 | 13.92 | 24.1473 |
| 5.60452546 | 14.47 | 29.8436 | 5.7765162 | 14.4 | 27.2971 | 5.9483912 | 13.92 | 24.1648 |
| 5.6046412 | 14.47 | 29.8594 | 5.77663194 | 14.39 | 26.8894 | 5.94850694 | 13.92 | 24.1473 |
| 5.60475694 | 14.48 | 29.7794 | 5.77674769 | 14.39 | 26.5031 | 5.94862269 | 13.91 | 24.1403 |
| 5.60487269 | 14.48 | 29.8486 | 5.77686343 | 14.4 | 26.7667 | 5.94873843 | 13.92 | 24.1473 |
| 5.60498843 | 14.47 | 29.8689 | 5.77697917 | 14.42 | 27.6833 | 5.94885417 | 13.92 | 24.1275 |
| 5.60510417 | 14.47 | 29.8468 | 5.77709491 | 14.4 | 26.7274 | 5.94896991 | 13.92 | 24.1341 |
| 5.60521991 | 14.47 | 29.8468 | 5.77721065 | 14.4 | 26.1318 | 5.94908565 | 13.91 | 24.1491 |
| 5.60533565 | 14.47 | 29.8531 | 5.77732639 | 14.39 | 25.7995 | 5.94920139 | 13.91 | 24.1535 |
| 5.60545139 | 14.47 | 29.8563 | 5.77744213 | 14.4 | 27.7476 | 5.94931713 | 13.91 | 24.1447 |
| 5.60556713 | 14.48 | 29.7888 | 5.77755787 | 14.4 | 26.4114 | 5.94943287 | 13.92 | 24.1407 |
| 5.60568287 | 14.5 | 29.7421 | 5.77767361 | 14.42 | 28.4761 | 5.94954861 | 13.92 | 24.1341 |
| 5.60579861 | 14.47 | 29.8122 | 5.77778935 | 14.4 | 27.8846 | 5.94966435 | 13.91 | 24.1359 |
| 5.60591435 | 14.46 | 29.8892 | 5.77790509 | 14.4 | 27.8286 | 5.94978009 | 13.92 | 24.1604 |
| 5.60603009 | 14.46 | 29.8892 | 5.77802083 | 14.4 | 26.4037 | 5.94989583 | 13.92 | 24.1473 |
| 5.60614583 | 14.48 | 29.7668 | 5.77813657 | 14.4 | 26.5428 | 5.95001157 | 13.91 | 24.1667 |
| 5.60626157 | 14.5 | 29.6545 | 5.77825232 | 14.4 | 27.9184 | 5.95012732 | 13.91 | 24.1579 |
| 5.60637732 | 14.52 | 28.1295 | 5.77836806 | 14.42 | 28.3139 | 5.95024306 | 13.92 | 24.1626 |
| 5.60649306 | 14.51 | 28.5092 | 5.7784838 | 14.42 | 28.2995 | 5.9503588 | 13.92 | 24.1825 |
| 5.6066088 | 14.51 | 28.2427 | 5.77859954 | 14.42 | 28.4267 | 5.95047454 | 13.92 | 24.1935 |
| 5.60672454 | 14.5 | 28.5107 | 5.77871528 | 14.43 | 28.4891 | 5.95059028 | 13.92 | 24.1869 |
| 5.60684028 | 14.5 | 28.6367 | 5.77883102 | 14.43 | 28.402 | 5.95070602 | 13.92 | 24.2045 |
| 5.60695602 | 14.47 | 29.2884 | 5.77894676 | 14.43 | 28.5943 | 5.95082176 | 13.92 | 24.1957 |
| 5.60707176 | 14.47 | 29.553 | 5.7790625 | 14.44 | 28.6221 | 5.9509375 | 13.92 | 24.1759 |
| 5.6071875 | 14.48 | 29.6511 | 5.77917824 | 14.44 | 28.6163 | 5.95105324 | 13.92 | 24.1759 |
| 5.60730324 | 14.48 | 29.6729 | 5.77929398 | 14.44 | 28.6398 | 5.95116898 | 13.92 | 24.1869 |
| 5.60741898 | 14.5 | 29.642 | 5.77940972 | 14.44 | 28.628 | 5.95128472 | 13.92 | 24.2155 |
| 5.60753472 | 14.48 | 29.6885 | 5.77952546 | 14.46 | 28.5898 | 5.95140046 | 13.92 | 24.1825 |
| 5.60765046 | 14.46 | 29.7853 | 5.7796412 | 14.44 | 28.5957 | 5.9515162 | 13.92 | 24.2045 |
| 5.6077662 | 14.46 | 29.7633 | 5.77975694 | 14.44 | 28.6486 | 5.95163194 | 13.92 | 24.1693 |
| 5.60788194 | 14.44 | 29.7222 | 5.77987269 | 14.44 | 28.6515 | 5.95174769 | 13.92 | 24.1517 |
| 5.60799769 | 14.43 | 29.8051 | 5.77998843 | 14.44 | 28.681 | 5.95186343 | 13.91 | 24.1535 |
| 5.60811343 | 14.43 | 29.8303 | 5.78010417 | 14.42 | 28.7341 | 5.95197917 | 13.91 | 24.1579 |
| 5.60822917 | 14.43 | 29.7894 | 5.78021991 | 14.42 | 28.6575 | 5.95209491 | 13.91 | 24.1469 |
| 5.60834491 | 14.43 | 29.8272 | 5.78033565 | 14.4 | 28.2911 | 5.95221065 | 13.91 | 24.1535 |
| 5.60846065 | 14.43 | 29.8586 | 5.78045139 | 14.4 | 28.185 | 5.95232639 | 13.91 | 24.1403 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60857639 | 14.44 | 29.8951 | 5.78056713 | 14.4 | 28.0455 | 5.95244213 | 13.91 | 24.1535 |
| 5.60869213 | 14.43 | 29.846 | 5.78068287 | 14.4 | 28.0313 | 5.95255787 | 13.91 | 24.1601 |
| 5.60880787 | 14.44 | 29.8069 | 5.78079861 | 14.39 | 28.0187 | 5.95267361 | 13.92 | 24.1539 |
| 5.60892361 | 14.44 | 29.7755 | 5.78091435 | 14.39 | 28.047 | 5.95278935 | 13.91 | 24.1469 |
| 5.60903935 | 14.44 | 29.7254 | 5.78103009 | 14.39 | 28.1979 | 5.95290509 | 13.91 | 24.1601 |
| 5.60915509 | 14.44 | 29.7191 | 5.78114583 | 14.4 | 28.1051 | 5.95302083 | 13.91 | 24.1535 |
| 5.60927083 | 14.44 | 29.6255 | 5.78126157 | 14.4 | 28.1079 | 5.95313657 | 13.91 | 24.1447 |
| 5.60938657 | 14.47 | 29.6027 | 5.78137732 | 14.4 | 28.1564 | 5.95325232 | 13.91 | 24.1469 |
| 5.60950232 | 14.46 | 29.7664 | 5.78149306 | 14.39 | 28.1979 | 5.95336806 | 13.91 | 24.1579 |
| 5.60961806 | 14.46 | 29.7414 | 5.7816088 | 14.39 | 28.1579 | 5.9534838 | 13.91 | 24.1513 |
| 5.6097338 | 14.47 | 29.6027 | 5.78172454 | 14.39 | 28.1894 | 5.95359954 | 13.91 | 24.1403 |
| 5.60984954 | 14.47 | 29.5747 | 5.78184028 | 14.38 | 28.2138 | 5.95371528 | 13.91 | 24.1447 |
| 5.60996528 | 14.47 | 29.6525 | 5.78195602 | 14.39 | 28.2151 | 5.95383102 | 13.91 | 24.1513 |
| 5.61008102 | 14.48 | 29.6979 | 5.78207176 | 14.39 | 28.3185 | 5.95394676 | 13.91 | 24.1645 |
| 5.61019676 | 14.48 | 29.676 | 5.7821875 | 14.42 | 28.4819 | 5.9540625 | 13.91 | 24.1579 |
| 5.6103125 | 14.5 | 29.2201 | 5.78230324 | 14.42 | 28.4674 | 5.95417824 | 13.92 | 24.1869 |
| 5.61042824 | 14.5 | 29.3055 | 5.78241898 | 14.4 | 28.4559 | 5.95429398 | 13.92 | 24.1935 |
| 5.61054398 | 14.51 | 29.2217 | 5.78253472 | 14.4 | 28.4268 | 5.95440972 | 13.91 | 24.1821 |
| 5.61065972 | 14.5 | 29.3239 | 5.78265046 | 14.4 | 28.3718 | 5.95452546 | 13.91 | 24.1997 |
| 5.61077546 | 14.52 | 28.9695 | 5.7827662 | 14.4 | 28.3834 | 5.9546412 | 13.91 | 24.1689 |
| 5.6108912 | 14.51 | 29.164 | 5.78288194 | 14.42 | 28.4122 | 5.95475694 | 13.94 | 24.214 |
| 5.61100694 | 14.5 | 29.3453 | 5.78299769 | 14.42 | 28.4528 | 5.95487269 | 13.95 | 24.3631 |
| 5.61112269 | 14.5 | 29.4098 | 5.78311343 | 14.43 | 28.5797 | 5.95498843 | 13.96 | 24.5024 |
| 5.61123843 | 14.5 | 29.3668 | 5.78322917 | 14.43 | 28.568 | 5.95510417 | 13.98 | 24.5439 |
| 5.61135417 | 14.5 | 29.3944 | 5.78334491 | 14.44 | 28.6221 | 5.95521991 | 13.99 | 24.5827 |
| 5.61146991 | 14.48 | 29.5144 | 5.78346065 | 14.44 | 28.6339 | 5.95533565 | 13.99 | 24.5669 |
| 5.61158565 | 14.48 | 29.5268 | 5.78357639 | 14.44 | 28.6163 | 5.95545139 | 13.96 | 24.4889 |
| 5.61170139 | 14.48 | 29.5454 | 5.78369213 | 14.46 | 28.6809 | 5.95556713 | 13.98 | 24.5055 |
| 5.61181713 | 14.48 | 29.5206 | 5.78380787 | 14.46 | 28.6898 | 5.95568287 | 13.99 | 24.6326 |
| 5.61193287 | 14.5 | 29.4468 | 5.78392361 | 14.43 | 28.6207 | 5.95579861 | 14 | 24.6581 |
| 5.61204861 | 14.48 | 29.6106 | 5.78403935 | 14.42 | 28.6398 | 5.95591435 | 13.99 | 24.6554 |
| 5.61216435 | 14.48 | 29.6137 | 5.78415509 | 14.44 | 28.7134 | 5.95603009 | 13.99 | 24.6804 |
| 5.61228009 | 14.48 | 29.6261 | 5.78427083 | 14.44 | 28.7666 | 5.95614583 | 13.99 | 24.6645 |
| 5.61239583 | 14.48 | 29.701 | 5.78438657 | 14.44 | 28.8051 | 5.95626157 | 13.99 | 24.6372 |
| 5.61251157 | 14.48 | 29.6729 | 5.78450232 | 14.43 | 28.8304 | 5.95637732 | 13.98 | 24.5484 |
| 5.61262732 | 14.48 | 29.6823 | 5.78461806 | 14.43 | 28.8334 | 5.95649306 | 13.96 | 24.4507 |
| 5.61274306 | 14.48 | 29.7073 | 5.7847338 | 14.43 | 28.8274 | 5.9566088 | 13.98 | 24.5123 |
| 5.6128588 | 14.48 | 29.701 | 5.78484954 | 14.43 | 28.8244 | 5.95672454 | 13.98 | 24.6163 |
| 5.61297454 | 14.48 | 29.6573 | 5.78496528 | 14.42 | 28.8319 | 5.95684028 | 13.95 | 24.3988 |
| 5.61309028 | 14.48 | 29.6979 | 5.78508102 | 14.42 | 28.8438 | 5.95695602 | 13.91 | 24.2307 |
| 5.61320602 | 14.48 | 29.6979 | 5.78519676 | 14.42 | 28.8557 | 5.95707176 | 13.91 | 24.2307 |
| 5.61332176 | 14.48 | 29.7292 | 5.7853125 | 14.4 | 28.7666 | 5.9571875 | 13.91 | 24.2793 |
| 5.6134375 | 14.47 | 29.7431 | 5.78542824 | 14.4 | 28.6958 | 5.95730324 | 13.91 | 24.2373 |
| 5.61355324 | 14.47 | 29.7619 | 5.78554398 | 14.4 | 28.6164 | 5.95741898 | 13.91 | 24.2307 |
| 5.61366898 | 14.47 | 29.765 | 5.78565972 | 14.4 | 28.5112 | 5.95753472 | 13.9 | 24.206 |
| 5.61378472 | 14.47 | 29.7337 | 5.78577546 | 14.4 | 28.4849 | 5.95765046 | 13.9 | 24.1752 |
| 5.61390046 | 14.48 | 29.7354 | 5.7858912 | 14.39 | 28.4458 | 5.9577662 | 13.92 | 24.6137 |
| 5.6140162 | 14.48 | 29.7417 | 5.78600694 | 14.39 | 28.501 | 5.95788194 | 13.91 | 24.2196 |
| 5.61413194 | 14.48 | 29.7448 | 5.78612269 | 14.4 | 28.5024 | 5.95799769 | 13.88 | 24.2075 |
| 5.61424769 | 14.48 | 29.7574 | 5.78623843 | 14.4 | 28.5374 | 5.95811343 | 13.9 | 24.3034 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61436343 | 14.48 | 29.7668 | 5.78635417 | 14.39 | 28.5302 | 5.95822917 | 13.9 | 24.2038 |
| 5.61447917 | 14.48 | 29.7605 | 5.78646991 | 14.4 | 28.5579 | 5.95834491 | 13.91 | 24.3149 |
| 5.61459491 | 14.48 | 29.7542 | 5.78658565 | 14.39 | 28.5185 | 5.95846065 | 13.91 | 24.3504 |
| 5.61471065 | 14.48 | 29.7386 | 5.78670139 | 14.4 | 28.4879 | 5.95857639 | 13.94 | 24.4253 |
| 5.61482639 | 14.47 | 29.7274 | 5.78681713 | 14.4 | 28.5754 | 5.95869213 | 13.92 | 24.313 |
| 5.61494213 | 14.48 | 29.7198 | 5.78693287 | 14.4 | 28.5549 | 5.95880787 | 13.91 | 24.2816 |
| 5.61505787 | 14.47 | 29.7306 | 5.78704861 | 14.39 | 28.5448 | 5.95892361 | 13.9 | 24.2458 |
| 5.61517361 | 14.48 | 29.7198 | 5.78716435 | 14.39 | 28.5243 | 5.95903935 | 13.9 | 24.2325 |
| 5.61528935 | 14.48 | 29.7448 | 5.78728009 | 14.39 | 28.5156 | 5.95915509 | 13.88 | 24.2406 |
| 5.61540509 | 14.47 | 29.718 | 5.78739583 | 14.39 | 28.5564 | 5.95927083 | 13.9 | 24.217 |
| 5.61552083 | 14.48 | 29.726 | 5.78751157 | 14.39 | 28.6033 | 5.95938657 | 13.88 | 24.2473 |
| 5.61563657 | 14.48 | 29.7073 | 5.78762732 | 14.4 | 28.6076 | 5.95950232 | 13.91 | 24.3104 |
| 5.61575232 | 14.48 | 29.7073 | 5.78774306 | 14.39 | 28.6531 | 5.95961806 | 13.92 | 24.4267 |
| 5.61586806 | 14.48 | 29.6854 | 5.7878588 | 14.42 | 28.7105 | 5.9597338 | 13.92 | 24.4088 |
| 5.6159838 | 14.47 | 29.7212 | 5.78797454 | 14.42 | 28.7252 | 5.95984954 | 13.94 | 24.4253 |
| 5.61609954 | 14.48 | 29.7229 | 5.78809028 | 14.42 | 28.7282 | 5.95996528 | 13.95 | 24.5223 |
| 5.61621528 | 14.48 | 29.7198 | 5.78820602 | 14.42 | 28.74 | 5.96008102 | 13.98 | 24.6117 |
| 5.61633102 | 14.48 | 29.7041 | 5.78832176 | 14.42 | 28.7814 | 5.96019676 | 13.96 | 24.5475 |
| 5.61644676 | 14.48 | 29.7073 | 5.7884375 | 14.42 | 28.7134 | 5.9603125 | 13.94 | 24.3672 |
| 5.6165625 | 14.48 | 29.6854 | 5.78855324 | 14.4 | 28.6899 | 5.96042824 | 13.94 | 24.4275 |
| 5.61667824 | 14.47 | 29.7274 | 5.78866898 | 14.4 | 28.6458 | 5.96054398 | 13.92 | 24.313 |
| 5.61679398 | 14.47 | 29.6805 | 5.78878472 | 14.39 | 28.6179 | 5.96065972 | 13.9 | 24.2237 |
| 5.61690972 | 14.47 | 29.6681 | 5.78890046 | 14.39 | 28.6326 | 5.96077546 | 13.88 | 24.2164 |
| 5.61702546 | 14.48 | 29.6511 | 5.7890162 | 14.4 | 28.6076 | 5.9608912 | 13.88 | 24.2164 |
| 5.6171412 | 14.48 | 29.6075 | 5.78913194 | 14.39 | 28.5798 | 5.96100694 | 13.88 | 24.2097 |
| 5.61725694 | 14.48 | 29.6075 | 5.78924769 | 14.39 | 28.5535 | 5.96112269 | 13.88 | 24.2097 |
| 5.61737269 | 14.48 | 29.564 | 5.78936343 | 14.39 | 28.5886 | 5.96123843 | 13.88 | 24.2164 |
| 5.61748843 | 14.48 | 29.5578 | 5.78947917 | 14.38 | 28.5288 | 5.96135417 | 13.88 | 24.2119 |
| 5.61760417 | 14.48 | 29.5392 | 5.78959491 | 14.36 | 28.5405 | 5.96146991 | 13.88 | 24.2252 |
| 5.61771991 | 14.48 | 29.5268 | 5.78971065 | 14.36 | 28.5318 | 5.96158565 | 13.88 | 24.2164 |
| 5.61783565 | 14.48 | 29.5299 | 5.78982639 | 14.38 | 28.5142 | 5.96170139 | 13.88 | 24.2406 |
| 5.61795139 | 14.48 | 29.5113 | 5.78994213 | 14.38 | 28.5229 | 5.96181713 | 13.9 | 24.2215 |
| 5.61806713 | 14.48 | 29.4866 | 5.79005787 | 14.38 | 28.5404 | 5.96193287 | 13.88 | 24.223 |
| 5.61818287 | 14.48 | 29.5082 | 5.79017361 | 14.38 | 28.5346 | 5.96204861 | 13.88 | 24.2097 |
| 5.61829861 | 14.48 | 29.5082 | 5.79028935 | 14.36 | 28.5405 | 5.96216435 | 13.88 | 24.2142 |
| 5.61841435 | 14.5 | 29.4838 | 5.79040509 | 14.36 | 28.5698 | 5.96228009 | 13.88 | 24.2097 |
| 5.61853009 | 14.5 | 29.4807 | 5.79052083 | 14.36 | 28.5698 | 5.96239583 | 13.9 | 24.2834 |
| 5.61864583 | 14.48 | 29.5268 | 5.79063657 | 14.36 | 28.5464 | 5.96251157 | 13.88 | 24.2362 |
| 5.61876157 | 14.5 | 29.4683 | 5.79075232 | 14.36 | 28.5493 | 5.96262732 | 13.88 | 24.2274 |
| 5.61887732 | 14.5 | 29.4098 | 5.79086806 | 14.36 | 28.5756 | 5.96274306 | 13.88 | 24.2539 |
| 5.61899306 | 14.5 | 29.3883 | 5.7909838 | 14.36 | 28.5493 | 5.9628588 | 13.9 | 24.2325 |
| 5.6191088 | 14.5 | 29.3606 | 5.79109954 | 14.38 | 28.5258 | 5.96297454 | 13.88 | 24.2274 |
| 5.61922454 | 14.5 | 29.3975 | 5.79121528 | 14.38 | 28.5434 | 5.96309028 | 13.9 | 24.3012 |
| 5.61934028 | 14.5 | 29.4375 | 5.79133102 | 14.36 | 28.5668 | 5.96320602 | 13.9 | 24.2989 |
| 5.61945602 | 14.5 | 29.4344 | 5.79144676 | 14.36 | 28.5405 | 5.96332176 | 13.91 | 24.3504 |
| 5.61957176 | 14.5 | 29.4313 | 5.7915625 | 14.36 | 28.5493 | 5.9634375 | 13.91 | 24.3683 |
| 5.6196875 | 14.5 | 29.4437 | 5.79167824 | 14.36 | 28.5201 | 5.96355324 | 13.92 | 24.5031 |
| 5.61980324 | 14.5 | 29.4714 | 5.79179398 | 14.36 | 28.561 | 5.96366898 | 13.91 | 24.4107 |
| 5.61991898 | 14.5 | 29.4745 | 5.79190972 | 14.34 | 28.001 | 5.96378472 | 13.9 | 24.2701 |
| 5.62003472 | 14.5 | 29.4745 | 5.79202546 | 14.32 | 27.5941 | 5.96390046 | 13.9 | 24.3189 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62015046 | 14.5 | 29.4931 | 5.7921412 | 14.34 | 27.8464 | 5.9640162 | 13.91 | 24.3616 |
| 5.6202662 | 14.5 | 29.5178 | 5.79225694 | 14.34 | 27.8184 | 5.96413194 | 13.92 | 24.4156 |
| 5.62038194 | 14.5 | 29.5116 | 5.79237269 | 14.32 | 27.6438 | 5.96424769 | 13.91 | 24.4174 |
| 5.62049769 | 14.5 | 29.4961 | 5.79248843 | 14.34 | 27.4701 | 5.96436343 | 13.92 | 24.4223 |
| 5.62061343 | 14.5 | 29.5209 | 5.79260417 | 14.32 | 26.9194 | 5.96447917 | 13.91 | 24.326 |
| 5.62072917 | 14.5 | 29.5457 | 5.79271991 | 14.32 | 26.7616 | 5.96459491 | 13.91 | 24.3082 |
| 5.62084491 | 14.5 | 29.5643 | 5.79283565 | 14.32 | 25.9104 | 5.96471065 | 13.9 | 24.2878 |
| 5.62096065 | 14.5 | 29.5488 | 5.79295139 | 14.34 | 27.0728 | 5.96482639 | 13.9 | 24.2856 |
| 5.62107639 | 14.5 | 29.586 | 5.79306713 | 14.34 | 27.3149 | 5.96494213 | 13.9 | 24.279 |
| 5.62119213 | 14.51 | 29.3133 | 5.79318287 | 14.35 | 27.57 | 5.96505787 | 13.88 | 24.2761 |
| 5.62130787 | 14.51 | 29.3378 | 5.79329861 | 14.34 | 27.1424 | 5.96517361 | 13.88 | 24.2694 |
| 5.62142361 | 14.51 | 29.4577 | 5.79341435 | 14.35 | 27.5315 | 5.96528935 | 13.9 | 24.2568 |
| 5.62153935 | 14.51 | 29.4762 | 5.79353009 | 14.35 | 27.7917 | 5.96540509 | 13.9 | 24.2701 |
| 5.62165509 | 14.51 | 29.5009 | 5.79364583 | 14.36 | 28.029 | 5.96552083 | 13.88 | 24.2628 |
| 5.62177083 | 14.5 | 29.5116 | 5.79376157 | 14.36 | 28.2513 | 5.96563657 | 13.88 | 24.2783 |
| 5.62188657 | 14.51 | 29.3838 | 5.79387732 | 14.36 | 28.2283 | 5.96575232 | 13.9 | 24.2701 |
| 5.62200232 | 14.51 | 29.2797 | 5.79399306 | 14.38 | 28.4038 | 5.96586806 | 13.88 | 24.2938 |
| 5.62211806 | 14.51 | 29.4269 | 5.7941088 | 14.38 | 28.4531 | 5.9659838 | 13.88 | 24.2561 |
| 5.6222338 | 14.51 | 29.4145 | 5.79422454 | 14.36 | 27.2684 | 5.96609954 | 13.87 | 24.2757 |
| 5.62234954 | 14.51 | 29.4115 | 5.79434028 | 14.35 | 27.4794 | 5.96621528 | 13.88 | 24.2694 |
| 5.62246528 | 14.51 | 29.3347 | 5.79445602 | 14.36 | 28.0687 | 5.96633102 | 13.87 | 24.2646 |
| 5.62258102 | 14.51 | 29.3041 | 5.79457176 | 14.36 | 28.2915 | 5.96644676 | 13.91 | 24.3171 |
| 5.62269676 | 14.51 | 29.243 | 5.7946875 | 14.36 | 28.3404 | 5.9665625 | 13.9 | 24.2635 |
| 5.6228125 | 14.5 | 29.4992 | 5.79480324 | 14.36 | 28.3548 | 5.96667824 | 13.91 | 24.2683 |
| 5.62292824 | 14.51 | 29.5195 | 5.79491898 | 14.35 | 27.1247 | 5.96679398 | 13.88 | 24.2761 |
| 5.62304398 | 14.51 | 29.4731 | 5.79503472 | 14.36 | 28.3953 | 5.96690972 | 13.88 | 24.2738 |
| 5.62315972 | 14.5 | 29.4992 | 5.79515046 | 14.35 | 28.4693 | 5.96702546 | 13.9 | 24.2967 |
| 5.62327546 | 14.5 | 29.5085 | 5.7952662 | 14.35 | 27.6031 | 5.9671412 | 13.94 | 24.6896 |
| 5.6233912 | 14.5 | 29.5395 | 5.79538194 | 14.35 | 27.8057 | 5.96725694 | 13.95 | 24.649 |
| 5.62350694 | 14.5 | 29.524 | 5.79549769 | 14.35 | 27.7555 | 5.96737269 | 13.96 | 24.7475 |
| 5.62362269 | 14.5 | 29.5457 | 5.79561343 | 14.35 | 27.5508 | 5.96748843 | 13.98 | 24.8818 |
| 5.62373843 | 14.48 | 29.5671 | 5.79572917 | 14.35 | 28.3621 | 5.96760417 | 13.96 | 24.743 |
| 5.62385417 | 14.5 | 29.5395 | 5.79584491 | 14.35 | 27.2997 | 5.96771991 | 14 | 24.9383 |
| 5.62396991 | 14.5 | 29.5612 | 5.79596065 | 14.35 | 27.96 | 5.96783565 | 13.95 | 24.4818 |
| 5.62408565 | 14.5 | 29.5581 | 5.79607639 | 14.35 | 27.7973 | 5.96795139 | 13.99 | 24.9331 |
| 5.62420139 | 14.5 | 29.4653 | 5.79619213 | 14.32 | 26.8798 | 5.96806713 | 14 | 24.9197 |
| 5.62431713 | 14.5 | 29.5085 | 5.79630787 | 14.34 | 26.8686 | 5.96818287 | 14 | 24.9059 |
| 5.62443287 | 14.5 | 29.4869 | 5.79642361 | 14.34 | 26.4163 | 5.96829861 | 13.99 | 24.8408 |
| 5.62454861 | 14.5 | 29.5023 | 5.79653935 | 14.32 | 26.0575 | 5.96841435 | 13.96 | 24.7018 |
| 5.62466435 | 14.51 | 29.433 | 5.79665509 | 14.34 | 26.3244 | 5.96853009 | 13.99 | 24.8408 |
| 5.62478009 | 14.51 | 29.4515 | 5.79677083 | 14.32 | 26.5871 | 5.96864583 | 13.96 | 24.595 |
| 5.62489583 | 14.5 | 29.4283 | 5.79688657 | 14.32 | 26.3736 | 5.96876157 | 13.94 | 24.5332 |
| 5.62501157 | 14.5 | 29.4313 | 5.79700232 | 14.32 | 25.903 | 5.96887732 | 13.94 | 24.4499 |
| 5.62512732 | 14.51 | 29.393 | 5.79711806 | 14.31 | 25.7812 | 5.96899306 | 13.9 | 24.3924 |
| 5.62524306 | 14.51 | 29.4361 | 5.7972338 | 14.32 | 26.3099 | 5.9691088 | 13.92 | 24.4851 |
| 5.6253588 | 14.5 | 29.3606 | 5.79734954 | 14.34 | 26.4189 | 5.96922454 | 13.91 | 24.3794 |
| 5.62547454 | 14.5 | 29.4591 | 5.79746528 | 14.34 | 26.243 | 5.96934028 | 13.88 | 24.3493 |
| 5.62559028 | 14.5 | 29.4683 | 5.79758102 | 14.32 | 26.1832 | 5.96945602 | 13.88 | 24.336 |
| 5.62570602 | 14.5 | 29.4468 | 5.79769676 | 14.32 | 25.8312 | 5.96957176 | 13.88 | 24.3404 |
| 5.62582176 | 14.51 | 29.4453 | 5.7978125 | 14.34 | 26.0541 | 5.9696875 | 13.88 | 24.3204 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6259375 | 14.5 | 29.4375 | 5.79792824 | 14.32 | 25.7672 | 5.96980324 | 13.88 | 24.3471 |
| 5.62605324 | 14.5 | 29.4468 | 5.79804398 | 14.34 | 26.3677 | 5.96991898 | 13.9 | 24.3746 |
| 5.62616898 | 14.5 | 29.4406 | 5.79815972 | 14.35 | 26.4019 | 5.97003472 | 13.9 | 24.4215 |
| 5.62628472 | 14.5 | 29.4406 | 5.79827546 | 14.34 | 26.1143 | 5.97015046 | 13.91 | 24.3906 |
| 5.62640046 | 14.5 | 29.4591 | 5.7983912 | 14.34 | 26.6721 | 5.9702662 | 13.92 | 24.4963 |
| 5.6265162 | 14.5 | 29.456 | 5.79850694 | 14.31 | 25.6758 | 5.97038194 | 13.92 | 24.4559 |
| 5.62663194 | 14.5 | 29.419 | 5.79862269 | 14.31 | 25.9544 | 5.97049769 | 13.91 | 24.4353 |
| 5.62674769 | 14.5 | 29.4313 | 5.79873843 | 14.32 | 26.0575 | 5.97061343 | 13.91 | 24.4465 |
| 5.62686343 | 14.5 | 29.4498 | 5.79885417 | 14.34 | 26.2938 | 5.97072917 | 13.88 | 24.4342 |
| 5.62697917 | 14.51 | 29.4392 | 5.79896991 | 14.32 | 25.9676 | 5.97084491 | 13.88 | 24.4431 |
| 5.62709491 | 14.51 | 29.5071 | 5.79908565 | 14.35 | 26.8986 | 5.97096065 | 13.88 | 24.4274 |
| 5.62721065 | 14.51 | 29.4978 | 5.79920139 | 14.35 | 26.6029 | 5.97107639 | 13.88 | 24.4274 |
| 5.62732639 | 14.5 | 29.524 | 5.79931713 | 14.34 | 27.0408 | 5.97119213 | 13.88 | 24.4454 |
| 5.62744213 | 14.5 | 29.5271 | 5.79943287 | 14.32 | 26.5096 | 5.97130787 | 13.87 | 24.4338 |
| 5.62755787 | 14.5 | 29.5457 | 5.79954861 | 14.31 | 26.0192 | 5.97142361 | 13.87 | 24.4338 |
| 5.62767361 | 14.5 | 29.5457 | 5.79966435 | 14.34 | 26.8212 | 5.97153935 | 13.87 | 24.4271 |
| 5.62778935 | 14.5 | 29.524 | 5.79978009 | 14.34 | 26.9664 | 5.97165509 | 13.88 | 24.4588 |
| 5.62790509 | 14.5 | 29.5643 | 5.79989583 | 14.32 | 25.4918 | 5.97177083 | 13.87 | 24.4181 |
| 5.62802083 | 14.5 | 29.5519 | 5.80001157 | 14.31 | 26.0467 | 5.97188657 | 13.88 | 24.4857 |
| 5.62813657 | 14.48 | 29.5547 | 5.80012732 | 14.34 | 26.9082 | 5.97200232 | 13.88 | 24.4633 |
| 5.62825232 | 14.5 | 29.5736 | 5.80024306 | 14.36 | 27.5794 | 5.97211806 | 13.88 | 24.4521 |
| 5.62836806 | 14.48 | 29.6013 | 5.8003588 | 14.36 | 27.0803 | 5.9722338 | 13.88 | 24.5082 |
| 5.6284838 | 14.5 | 29.4807 | 5.80047454 | 14.35 | 27.422 | 5.97234954 | 13.88 | 24.5127 |
| 5.62859954 | 14.51 | 29.3869 | 5.80059028 | 14.35 | 27.3431 | 5.97246528 | 13.92 | 24.6523 |
| 5.62871528 | 14.51 | 29.3746 | 5.80070602 | 14.36 | 27.1875 | 5.97258102 | 13.92 | 24.6841 |
| 5.62883102 | 14.51 | 29.4022 | 5.80082176 | 14.36 | 27.5327 | 5.97269676 | 13.95 | 24.809 |
| 5.62894676 | 14.51 | 29.5009 | 5.8009375 | 14.36 | 27.7985 | 5.9728125 | 13.94 | 24.6304 |
| 5.6290625 | 14.5 | 29.5364 | 5.80105324 | 14.36 | 27.5052 | 5.97292824 | 13.94 | 24.6896 |
| 5.62917824 | 14.5 | 29.5674 | 5.80116898 | 14.36 | 27.5739 | 5.97304398 | 13.95 | 24.8136 |
| 5.62929398 | 14.5 | 29.5488 | 5.80128472 | 14.36 | 27.2063 | 5.97315972 | 13.96 | 24.9016 |
| 5.62940972 | 14.48 | 29.5795 | 5.80140046 | 14.36 | 27.1902 | 5.97327546 | 13.96 | 24.8347 |
| 5.62952546 | 14.48 | 29.5485 | 5.8015162 | 14.39 | 27.7214 | 5.9733912 | 13.95 | 24.7448 |
| 5.6296412 | 14.48 | 29.5454 | 5.80163194 | 14.4 | 27.9945 | 5.97350694 | 13.94 | 24.7375 |
| 5.62975694 | 14.48 | 29.5516 | 5.80174769 | 14.4 | 28.0143 | 5.97362269 | 13.96 | 24.8462 |
| 5.62987269 | 14.48 | 29.5609 | 5.80186343 | 14.4 | 27.9634 | 5.97373843 | 13.95 | 24.7448 |
| 5.62998843 | 14.48 | 29.5516 | 5.80197917 | 14.4 | 28.0285 | 5.97385417 | 13.92 | 24.6818 |
| 5.63010417 | 14.48 | 29.5516 | 5.80209491 | 14.4 | 28.0625 | 5.97396991 | 13.91 | 24.5748 |
| 5.63021991 | 14.48 | 29.5609 | 5.80221065 | 14.42 | 28.0197 | 5.97408565 | 13.91 | 24.6133 |
| 5.63033565 | 14.48 | 29.5578 | 5.80232639 | 14.39 | 27.9368 | 5.97420139 | 13.94 | 24.7443 |
| 5.63045139 | 14.5 | 29.5395 | 5.80244213 | 14.39 | 27.6714 | 5.97431713 | 13.91 | 24.6382 |
| 5.63056713 | 14.48 | 29.5857 | 5.80255787 | 14.39 | 27.6243 | 5.97443287 | 13.91 | 24.6042 |
| 5.63068287 | 14.5 | 29.5302 | 5.80267361 | 14.4 | 27.8482 | 5.97454861 | 13.88 | 24.5375 |
| 5.63079861 | 14.5 | 29.5147 | 5.80278935 | 14.39 | 27.9002 | 5.97466435 | 13.86 | 24.5209 |
| 5.63091435 | 14.48 | 29.5423 | 5.80290509 | 14.38 | 27.2462 | 5.97478009 | 13.88 | 24.506 |
| 5.63103009 | 14.5 | 29.5302 | 5.80302083 | 14.39 | 27.5169 | 5.97489583 | 13.88 | 24.5127 |
| 5.63114583 | 14.5 | 29.524 | 5.80313657 | 14.38 | 27.4145 | 5.97501157 | 13.87 | 24.5168 |
| 5.63126157 | 14.5 | 29.5116 | 5.80325232 | 14.38 | 27.3437 | 5.97512732 | 13.88 | 24.5037 |
| 5.63137732 | 14.5 | 29.5085 | 5.80336806 | 14.35 | 27.0632 | 5.97524306 | 13.88 | 24.5262 |
| 5.63149306 | 14.48 | 29.5113 | 5.8034838 | 14.36 | 27.1956 | 5.9753588 | 13.9 | 24.5428 |
| 5.6316088 | 14.5 | 29.4838 | 5.80359954 | 14.38 | 27.3329 | 5.97547454 | 13.9 | 24.5744 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63172454 | 14.5 | 29.4653 | 5.80371528 | 14.36 | 27.2468 | 5.97559028 | 13.91 | 24.5432 |
| 5.63184028 | 14.48 | 29.4804 | 5.80383102 | 14.36 | 27.2171 | 5.97570602 | 13.91 | 24.5477 |
| 5.63195602 | 14.5 | 29.4683 | 5.80394676 | 14.38 | 27.2112 | 5.97582176 | 13.9 | 24.5744 |
| 5.63207176 | 14.5 | 29.4498 | 5.8040625 | 14.36 | 27.3334 | 5.9759375 | 13.9 | 24.5947 |
| 5.6321875 | 14.5 | 29.4283 | 5.80417824 | 14.38 | 27.4309 | 5.97605324 | 13.88 | 24.5736 |
| 5.63230324 | 14.5 | 29.4622 | 5.80429398 | 14.38 | 27.4227 | 5.97616898 | 13.91 | 24.5929 |
| 5.63241898 | 14.5 | 29.4745 | 5.80440972 | 14.38 | 27.4391 | 5.97628472 | 13.9 | 24.5631 |
| 5.63253472 | 14.5 | 29.4807 | 5.80452546 | 14.35 | 27.0739 | 5.97640046 | 13.92 | 24.6682 |
| 5.63265046 | 14.5 | 29.4468 | 5.8046412 | 14.35 | 27.1488 | 5.9765162 | 13.92 | 24.6682 |
| 5.6327662 | 14.5 | 29.4653 | 5.80475694 | 14.36 | 27.236 | 5.97663194 | 13.92 | 24.6614 |
| 5.63288194 | 14.48 | 29.4619 | 5.80487269 | 14.36 | 27.3741 | 5.97674769 | 13.91 | 24.6065 |
| 5.63299769 | 14.5 | 29.4129 | 5.80498843 | 14.36 | 27.4314 | 5.97686343 | 13.9 | 24.5789 |
| 5.63311343 | 14.5 | 29.4375 | 5.80510417 | 14.36 | 27.1767 | 5.97697917 | 13.88 | 24.5804 |
| 5.63322917 | 14.5 | 29.4498 | 5.80521991 | 14.36 | 27.263 | 5.97709491 | 13.9 | 24.5518 |
| 5.63334491 | 14.5 | 29.4468 | 5.80533565 | 14.36 | 27.4259 | 5.97721065 | 13.88 | 24.6166 |
| 5.63346065 | 14.48 | 29.4928 | 5.80545139 | 14.36 | 27.4559 | 5.97732639 | 13.92 | 24.6273 |
| 5.63357639 | 14.5 | 29.4591 | 5.80556713 | 14.36 | 27.3415 | 5.97744213 | 13.94 | 24.7261 |
| 5.63369213 | 14.5 | 29.4406 | 5.80568287 | 14.35 | 27.3296 | 5.97755787 | 13.9 | 24.6038 |
| 5.63380787 | 14.5 | 29.4252 | 5.80579861 | 14.35 | 27.0659 | 5.97767361 | 13.9 | 24.5857 |
| 5.63392361 | 14.5 | 29.4498 | 5.80591435 | 14.34 | 27.0969 | 5.97778935 | 13.91 | 24.611 |
| 5.63403935 | 14.5 | 29.4591 | 5.80603009 | 14.36 | 27.5712 | 5.97790509 | 13.92 | 24.6523 |
| 5.63415509 | 14.48 | 29.465 | 5.80614583 | 14.36 | 27.5244 | 5.97802083 | 13.91 | 24.5997 |
| 5.63427083 | 14.5 | 29.456 | 5.80626157 | 14.36 | 27.4232 | 5.97813657 | 13.91 | 24.6246 |
| 5.63438657 | 14.5 | 29.416 | 5.80637732 | 14.36 | 27.5272 | 5.97825232 | 13.88 | 24.5217 |
| 5.63450232 | 14.5 | 29.4283 | 5.80649306 | 14.36 | 27.4642 | 5.97836806 | 13.87 | 24.5483 |
| 5.63461806 | 14.5 | 29.4221 | 5.8066088 | 14.35 | 27.3785 | 5.9784838 | 13.87 | 24.5303 |
| 5.6347338 | 14.5 | 29.416 | 5.80672454 | 14.36 | 27.2792 | 5.97859954 | 13.87 | 24.5303 |
| 5.63484954 | 14.5 | 29.4036 | 5.80684028 | 14.35 | 27.1488 | 5.97871528 | 13.86 | 24.5007 |
| 5.63496528 | 14.5 | 29.416 | 5.80695602 | 14.32 | 26.8719 | 5.97883102 | 13.86 | 24.4872 |
| 5.63508102 | 14.5 | 29.4221 | 5.80707176 | 14.35 | 27.3431 | 5.97894676 | 13.86 | 24.5007 |
| 5.63519676 | 14.5 | 29.4036 | 5.8071875 | 14.36 | 27.5657 | 5.9790625 | 13.86 | 24.5052 |
| 5.6353125 | 14.5 | 29.3944 | 5.80730324 | 14.34 | 26.9638 | 5.97917824 | 13.86 | 24.5232 |
| 5.63542824 | 14.5 | 29.376 | 5.80741898 | 14.34 | 26.985 | 5.97929398 | 13.87 | 24.5258 |
| 5.63554398 | 14.51 | 29.3654 | 5.80753472 | 14.35 | 27.0259 | 5.97940972 | 13.87 | 24.4988 |
| 5.63565972 | 14.51 | 29.347 | 5.80765046 | 14.35 | 27.2053 | 5.97952546 | 13.86 | 24.5142 |
| 5.63577546 | 14.51 | 29.3072 | 5.8077662 | 14.38 | 27.39 | 5.9796412 | 13.86 | 24.5299 |
| 5.6358912 | 14.51 | 29.2674 | 5.80788194 | 14.38 | 27.513 | 5.97975694 | 13.87 | 24.5236 |
| 5.63600694 | 14.51 | 29.2735 | 5.80799769 | 14.4 | 27.7337 | 5.97987269 | 13.86 | 24.5232 |
| 5.63612269 | 14.51 | 29.243 | 5.80811343 | 14.39 | 27.5774 | 5.97998843 | 13.87 | 24.5438 |
| 5.63623843 | 14.52 | 28.4058 | 5.80822917 | 14.39 | 27.6078 | 5.98010417 | 13.87 | 24.5281 |
| 5.63635417 | 14.52 | 28.7163 | 5.80834491 | 14.4 | 27.717 | 5.98021991 | 13.87 | 24.5461 |
| 5.63646991 | 14.51 | 29.2583 | 5.80846065 | 14.42 | 27.8927 | 5.98033565 | 13.88 | 24.5894 |
| 5.63658565 | 14.5 | 29.1836 | 5.80857639 | 14.42 | 27.8394 | 5.98045139 | 13.88 | 24.5917 |
| 5.63670139 | 14.51 | 28.8931 | 5.80869213 | 14.42 | 27.8619 | 5.98056713 | 13.87 | 24.5732 |
| 5.63681713 | 14.51 | 29.0762 | 5.80880787 | 14.43 | 27.9757 | 5.98068287 | 13.87 | 24.5709 |
| 5.63693287 | 14.51 | 29.2217 | 5.80892361 | 14.43 | 27.9221 | 5.98079861 | 13.87 | 24.5371 |
| 5.63704861 | 14.51 | 29.243 | 5.80903935 | 14.44 | 27.96 | 5.98091435 | 13.87 | 24.6048 |
| 5.63716435 | 14.54 | 28.6044 | 5.80915509 | 14.44 | 27.9798 | 5.98103009 | 13.88 | 24.5917 |
| 5.63728009 | 14.52 | 28.9635 | 5.80927083 | 14.43 | 27.9052 | 5.98114583 | 13.87 | 24.5799 |
| 5.63739583 | 14.54 | 28.3449 | 5.80938657 | 14.42 | 27.8562 | 5.98126157 | 13.91 | 24.7156 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63751157 | 14.52 | 28.9335 | 5.80950232 | 14.42 | 27.8731 | 5.98137732 | 13.88 | 24.5984 |
| 5.63762732 | 14.52 | 29.0597 | 5.80961806 | 14.42 | 27.8366 | 5.98149306 | 13.88 | 24.6392 |
| 5.63774306 | 14.54 | 28.4406 | 5.8097338 | 14.42 | 27.8647 | 5.9816088 | 13.91 | 24.6609 |
| 5.6378588 | 14.52 | 28.8499 | 5.80984954 | 14.4 | 27.7532 | 5.98172454 | 13.88 | 24.5984 |
| 5.63797454 | 14.54 | 28.4435 | 5.80996528 | 14.4 | 27.7811 | 5.98184028 | 13.86 | 24.5052 |
| 5.63809028 | 14.52 | 28.8231 | 5.81008102 | 14.4 | 27.7811 | 5.98195602 | 13.86 | 24.4312 |
| 5.63820602 | 14.54 | 28.2324 | 5.81019676 | 14.39 | 27.6936 | 5.98207176 | 13.84 | 24.3768 |
| 5.63832176 | 14.54 | 28.2238 | 5.8103125 | 14.38 | 27.6647 | 5.9821875 | 13.86 | 24.3441 |
| 5.6384375 | 14.52 | 28.8112 | 5.81042824 | 14.39 | 27.7019 | 5.98230324 | 13.86 | 24.3531 |
| 5.63855324 | 14.52 | 28.9815 | 5.81054398 | 14.39 | 27.6797 | 5.98241898 | 13.86 | 24.3441 |
| 5.63866898 | 14.54 | 28.6868 | 5.81065972 | 14.39 | 27.6548 | 5.98253472 | 13.86 | 24.3441 |
| 5.63878472 | 14.54 | 28.5281 | 5.81077546 | 14.39 | 27.7214 | 5.98265046 | 13.86 | 24.3108 |
| 5.63890046 | 14.55 | 27.7689 | 5.8108912 | 14.38 | 27.6397 | 5.9827662 | 13.84 | 24.3523 |
| 5.6390162 | 14.54 | 28.1865 | 5.81100694 | 14.36 | 27.5217 | 5.98288194 | 13.86 | 24.3575 |
| 5.63913194 | 14.55 | 27.211 | 5.81112269 | 14.35 | 27.373 | 5.98299769 | 13.86 | 24.3575 |
| 5.63924769 | 14.58 | 26.4744 | 5.81123843 | 14.34 | 27.3366 | 5.98311343 | 13.86 | 24.3575 |
| 5.63936343 | 14.55 | 28.2482 | 5.81135417 | 14.34 | 27.361 | 5.98322917 | 13.86 | 24.3686 |
| 5.63947917 | 14.54 | 28.4931 | 5.81146991 | 14.34 | 27.3801 | 5.98334491 | 13.84 | 24.3635 |
| 5.63959491 | 14.52 | 28.3681 | 5.81158565 | 14.32 | 27.3588 | 5.98346065 | 13.86 | 24.3642 |
| 5.63971065 | 14.62 | 25.8499 | 5.81170139 | 14.32 | 27.329 | 5.98357639 | 13.86 | 24.3553 |
| 5.63982639 | 14.66 | 21.5935 | 5.81181713 | 14.32 | 27.3236 | 5.98369213 | 13.86 | 24.3686 |
| 5.63994213 | 14.55 | 28.0907 | 5.81193287 | 14.32 | 27.3073 | 5.98380787 | 13.86 | 24.3753 |
| 5.64005787 | 14.6 | 24.8369 | 5.81204861 | 14.32 | 27.3263 | 5.98392361 | 13.86 | 24.3887 |
| 5.64017361 | 14.56 | 26.9467 | 5.81216435 | 14.31 | 27.2792 | 5.98403935 | 13.86 | 24.3999 |
| 5.64028935 | 14.63 | 24.1011 | 5.81228009 | 14.32 | 27.2479 | 5.98415509 | 13.86 | 24.3753 |
| 5.64040509 | 14.56 | 26.8565 | 5.81239583 | 14.39 | 27.752 | 5.98427083 | 13.84 | 24.4058 |
| 5.64052083 | 14.56 | 26.6177 | 5.81251157 | 14.42 | 27.7975 | 5.98438657 | 13.86 | 24.467 |
| 5.64063657 | 14.64 | 23.312 | 5.81262732 | 14.4 | 27.7783 | 5.98450232 | 13.86 | 24.5007 |
| 5.64075232 | 14.64 | 23.7837 | 5.81274306 | 14.42 | 27.8984 | 5.98461806 | 13.86 | 24.476 |
| 5.64086806 | 14.67 | 22.3255 | 5.8128588 | 14.42 | 27.8871 | 5.9847338 | 13.86 | 24.5164 |
| 5.6409838 | 14.54 | 28.3651 | 5.81297454 | 14.43 | 27.9193 | 5.98484954 | 13.86 | 24.5525 |
| 5.64109954 | 14.51 | 29.2187 | 5.81309028 | 14.43 | 27.8884 | 5.98496528 | 13.87 | 24.5348 |
| 5.64121528 | 14.54 | 27.5621 | 5.81320602 | 14.4 | 27.7253 | 5.98508102 | 13.86 | 24.4917 |
| 5.64133102 | 14.5 | 29.1563 | 5.81332176 | 14.43 | 27.8799 | 5.98519676 | 13.86 | 24.5119 |
| 5.64144676 | 14.48 | 29.3451 | 5.8134375 | 14.43 | 27.8603 | 5.9853125 | 13.86 | 24.5277 |
| 5.6415625 | 14.48 | 29.3574 | 5.81355324 | 14.44 | 27.96 | 5.98542824 | 13.86 | 24.5097 |
| 5.64167824 | 14.5 | 29.3269 | 5.81366898 | 14.46 | 27.9626 | 5.98554398 | 13.86 | 24.4356 |
| 5.64179398 | 14.5 | 29.3269 | 5.81378472 | 14.44 | 27.9262 | 5.98565972 | 13.86 | 24.4356 |
| 5.64190972 | 14.48 | 29.3727 | 5.81390046 | 14.44 | 27.8868 | 5.98577546 | 13.86 | 24.4021 |
| 5.64202546 | 14.5 | 28.8976 | 5.8140162 | 14.43 | 27.8295 | 5.9858912 | 13.84 | 24.3813 |
| 5.6421412 | 14.48 | 29.2473 | 5.81413194 | 14.42 | 27.8647 | 5.98600694 | 13.86 | 24.3753 |
| 5.64225694 | 14.55 | 27.4067 | 5.81424769 | 14.43 | 27.8715 | 5.98612269 | 13.86 | 24.3664 |
| 5.64237269 | 14.52 | 28.6338 | 5.81436343 | 14.43 | 27.8687 | 5.98623843 | 13.86 | 24.3865 |
| 5.64248843 | 14.51 | 29.1731 | 5.81447917 | 14.43 | 27.894 | 5.98635417 | 13.86 | 24.3798 |
| 5.64260417 | 14.5 | 29.33 | 5.81459491 | 14.42 | 27.8338 | 5.98646991 | 13.86 | 24.3865 |
| 5.64271991 | 14.51 | 29.2156 | 5.81471065 | 14.4 | 27.8034 | 5.98658565 | 13.86 | 24.3865 |
| 5.64283565 | 14.52 | 28.7548 | 5.81482639 | 14.39 | 27.7019 | 5.98670139 | 13.86 | 24.4066 |
| 5.64295139 | 14.52 | 28.9335 | 5.81494213 | 14.38 | 27.7174 | 5.98681713 | 13.86 | 24.4043 |
| 5.64306713 | 14.52 | 28.835 | 5.81505787 | 14.36 | 27.69 | 5.98693287 | 13.84 | 24.417 |
| 5.64318287 | 14.54 | 28.2526 | 5.81517361 | 14.39 | 27.7575 | 5.98704861 | 13.86 | 24.4177 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64329861 | 14.62 | 24.1605 | 5.81528935 | 14.38 | 27.748 | 5.98716435 | 13.86 | 24.3999 |
| 5.64341435 | 14.54 | 28.7489 | 5.81540509 | 14.38 | 27.673 | 5.98728009 | 13.86 | 24.42 |
| 5.64353009 | 14.54 | 28.1207 | 5.81552083 | 14.38 | 27.6591 | 5.98739583 | 13.86 | 24.4177 |
| 5.64364583 | 14.54 | 28.3333 | 5.81563657 | 14.36 | 27.6678 | 5.98751157 | 13.86 | 24.4513 |
| 5.64376157 | 14.56 | 25.9047 | 5.81575232 | 14.38 | 27.6785 | 5.98762732 | 13.86 | 24.4043 |
| 5.64387732 | 14.58 | 26.6067 | 5.81586806 | 14.38 | 27.6564 | 5.98774306 | 13.84 | 24.4237 |
| 5.64399306 | 14.55 | 27.5219 | 5.8159838 | 14.36 | 27.6263 | 5.9878588 | 13.84 | 24.4349 |
| 5.6441088 | 14.54 | 28.3275 | 5.81609954 | 14.36 | 27.6291 | 5.98797454 | 13.84 | 24.4304 |
| 5.64422454 | 14.55 | 27.9093 | 5.81621528 | 14.35 | 27.5838 | 5.98809028 | 13.86 | 24.4312 |
| 5.64434028 | 14.64 | 22.4136 | 5.81633102 | 14.35 | 27.6307 | 5.98820602 | 13.86 | 24.4558 |
| 5.64445602 | 14.63 | 24.2458 | 5.81644676 | 14.36 | 27.6208 | 5.98832176 | 13.86 | 24.5954 |
| 5.64457176 | 14.62 | 24.7039 | 5.8165625 | 14.36 | 27.6402 | 5.9884375 | 13.87 | 24.657 |
| 5.6446875 | 14.6 | 26.1137 | 5.81667824 | 14.36 | 27.6429 | 5.98855324 | 13.86 | 24.4648 |
| 5.64480324 | 14.62 | 25.0678 | 5.81679398 | 14.38 | 27.6425 | 5.98866898 | 13.86 | 24.4423 |
| 5.64491898 | 14.68 | 20.5293 | 5.81690972 | 14.38 | 27.6176 | 5.98878472 | 13.86 | 24.4401 |
| 5.64503472 | 14.71 | 18.942 | 5.81702546 | 14.36 | 27.7595 | 5.98890046 | 13.86 | 24.4535 |
| 5.64515046 | 14.56 | 27.8346 | 5.8171412 | 14.38 | 27.7146 | 5.9890162 | 13.84 | 24.4394 |
| 5.6452662 | 14.52 | 28.74 | 5.81725694 | 14.38 | 27.673 | 5.98913194 | 13.84 | 24.455 |
| 5.64538194 | 14.52 | 28.2959 | 5.81737269 | 14.38 | 27.6813 | 5.98924769 | 13.84 | 24.4595 |
| 5.64549769 | 14.54 | 28.0041 | 5.81748843 | 14.4 | 27.7922 | 5.98936343 | 13.86 | 24.4648 |
| 5.64561343 | 14.52 | 28.1123 | 5.81760417 | 14.39 | 27.7075 | 5.98947917 | 13.86 | 24.4827 |
| 5.64572917 | 14.51 | 28.911 | 5.81771991 | 14.4 | 27.8062 | 5.98959491 | 13.86 | 24.5052 |
| 5.64584491 | 14.5 | 29.1776 | 5.81783565 | 14.42 | 27.845 | 5.98971065 | 13.86 | 24.4782 |
| 5.64596065 | 14.5 | 28.7726 | 5.81795139 | 14.42 | 27.8114 | 5.98982639 | 13.86 | 24.4535 |
| 5.64607639 | 14.51 | 28.5589 | 5.81806713 | 14.42 | 27.8675 | 5.98994213 | 13.86 | 24.458 |
| 5.64619213 | 14.51 | 28.914 | 5.81818287 | 14.4 | 27.8062 | 5.99005787 | 13.86 | 24.4648 |
| 5.64630787 | 14.51 | 28.8543 | 5.81829861 | 14.43 | 27.8491 | 5.99017361 | 13.86 | 24.458 |
| 5.64642361 | 14.66 | 22.2293 | 5.81841435 | 14.43 | 27.8547 | 5.99028935 | 13.86 | 24.467 |
| 5.64653935 | 14.66 | 22.5151 | 5.81853009 | 14.4 | 27.7699 | 5.99040509 | 13.84 | 24.464 |
| 5.64665509 | 14.54 | 28.5574 | 5.81864583 | 14.39 | 27.7269 | 5.99052083 | 13.86 | 24.4737 |
| 5.64677083 | 14.52 | 28.5107 | 5.81876157 | 14.38 | 27.709 | 5.99063657 | 13.86 | 24.4715 |
| 5.64688657 | 14.51 | 29.025 | 5.81887732 | 14.36 | 27.715 | 5.99075232 | 13.86 | 24.5389 |
| 5.64700232 | 14.51 | 29.1731 | 5.81899306 | 14.35 | 27.6999 | 5.99086806 | 13.86 | 24.5954 |
| 5.64711806 | 14.52 | 28.2872 | 5.8191088 | 14.36 | 27.7289 | 5.9909838 | 13.86 | 24.5322 |
| 5.6472338 | 14.67 | 22.3451 | 5.81922454 | 14.38 | 27.6757 | 5.99109954 | 13.86 | 24.4984 |
| 5.64734954 | 14.56 | 27.3478 | 5.81934028 | 14.38 | 27.6841 | 5.99121528 | 13.84 | 24.4976 |
| 5.64746528 | 14.51 | 28.917 | 5.81945602 | 14.36 | 27.69 | 5.99133102 | 13.86 | 24.5029 |
| 5.64758102 | 14.52 | 28.841 | 5.81957176 | 14.38 | 27.6841 | 5.99144676 | 13.84 | 24.5336 |
| 5.64769676 | 14.54 | 28.5691 | 5.8196875 | 14.38 | 27.6757 | 5.9915625 | 13.86 | 24.5863 |
| 5.6478125 | 14.52 | 28.3797 | 5.81980324 | 14.36 | 27.7289 | 5.99167824 | 13.86 | 24.6021 |
| 5.64792824 | 14.56 | 26.8196 | 5.81991898 | 14.36 | 27.6678 | 5.99179398 | 13.86 | 24.5954 |
| 5.64804398 | 14.52 | 28.6367 | 5.82003472 | 14.35 | 27.6418 | 5.99190972 | 13.86 | 24.6475 |
| 5.64815972 | 14.55 | 28.085 | 5.82015046 | 14.35 | 27.65 | 5.99202546 | 13.87 | 24.6751 |
| 5.64827546 | 14.59 | 26.2446 | 5.8202662 | 14.35 | 27.6556 | 5.9921412 | 13.86 | 24.6203 |
| 5.6483912 | 14.64 | 23.8511 | 5.82038194 | 14.36 | 27.6512 | 5.99225694 | 13.86 | 24.5954 |
| 5.64850694 | 14.6 | 26.0859 | 5.82049769 | 14.35 | 27.6418 | 5.99237269 | 13.86 | 24.557 |
| 5.64862269 | 14.52 | 28.8082 | 5.82061343 | 14.38 | 27.637 | 5.99248843 | 13.86 | 24.5705 |
| 5.64873843 | 14.52 | 29.0477 | 5.82072917 | 14.38 | 27.6232 | 5.99260417 | 13.86 | 24.5637 |
| 5.64885417 | 14.51 | 29.034 | 5.82084491 | 14.36 | 27.596 | 5.99271991 | 13.86 | 24.5254 |
| 5.64896991 | 14.51 | 29.0642 | 5.82096065 | 14.35 | 27.6003 | 5.99283565 | 13.86 | 24.5457 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64908565 | 14.51 | 29.0551 | 5.82107639 | 14.34 | 27.5689 | 5.99295139 | 13.86 | 24.5209 |
| 5.64920139 | 14.51 | 28.8901 | 5.82119213 | 14.35 | 27.6058 | 5.99306713 | 13.86 | 24.5097 |
| 5.64931713 | 14.51 | 29.028 | 5.82130787 | 14.38 | 27.6259 | 5.99318287 | 13.84 | 24.5224 |
| 5.64943287 | 14.52 | 29.0718 | 5.82142361 | 14.36 | 27.607 | 5.99329861 | 13.84 | 24.6398 |
| 5.64954861 | 14.52 | 28.3508 | 5.82153935 | 14.35 | 27.6141 | 5.99341435 | 13.86 | 24.4805 |
| 5.64966435 | 14.55 | 27.9969 | 5.82165509 | 14.35 | 27.6141 | 5.99353009 | 13.84 | 24.5269 |
| 5.64978009 | 14.52 | 28.8708 | 5.82177083 | 14.34 | 27.6047 | 5.99364583 | 13.84 | 24.4932 |
| 5.64989583 | 14.52 | 28.9545 | 5.82188657 | 14.34 | 27.6212 | 5.99376157 | 13.84 | 24.4842 |
| 5.65001157 | 14.52 | 28.829 | 5.82200232 | 14.32 | 27.5803 | 5.99387732 | 13.84 | 24.4909 |
| 5.65012732 | 14.54 | 28.29 | 5.82211806 | 14.3 | 27.5698 | 5.99399306 | 13.86 | 24.5142 |
| 5.65024306 | 14.52 | 28.8082 | 5.8222338 | 14.31 | 27.5957 | 5.9941088 | 13.84 | 24.572 |
| 5.6503588 | 14.52 | 29.0959 | 5.82234954 | 14.31 | 27.5737 | 5.99422454 | 13.84 | 24.5787 |
| 5.65047454 | 14.51 | 29.0461 | 5.82246528 | 14.31 | 27.5792 | 5.99434028 | 13.83 | 24.5716 |
| 5.65059028 | 14.52 | 29.0266 | 5.82258102 | 14.3 | 27.6028 | 5.99445602 | 13.86 | 24.5818 |
| 5.65070602 | 14.52 | 28.9755 | 5.82269676 | 14.3 | 27.6166 | 5.99457176 | 13.86 | 24.6044 |
| 5.65082176 | 14.52 | 28.7341 | 5.8228125 | 14.31 | 27.5874 | 5.9946875 | 13.88 | 25.1842 |
| 5.6509375 | 14.54 | 27.6479 | 5.82292824 | 14.34 | 27.5799 | 5.99480324 | 13.86 | 24.8715 |
| 5.65105324 | 14.55 | 28.1649 | 5.82304398 | 14.35 | 27.581 | 5.99491898 | 13.86 | 24.9569 |
| 5.65116898 | 14.51 | 29.0732 | 5.82315972 | 14.36 | 27.5767 | 5.99503472 | 13.86 | 24.9061 |
| 5.65128472 | 14.51 | 28.929 | 5.82327546 | 14.36 | 27.5464 | 5.99515046 | 13.94 | 25.4892 |
| 5.65140046 | 14.51 | 29.0913 | 5.8233912 | 14.35 | 27.5755 | 5.9952662 | 13.92 | 25.3495 |
| 5.6515162 | 14.51 | 29.0581 | 5.82350694 | 14.36 | 27.5519 | 5.99538194 | 13.9 | 25.1266 |
| 5.65163194 | 14.51 | 28.9619 | 5.82362269 | 14.36 | 27.5437 | 5.99549769 | 13.86 | 24.9084 |
| 5.65174769 | 14.51 | 28.92 | 5.82373843 | 14.36 | 27.5354 | 5.99561343 | 13.86 | 24.9569 |
| 5.65186343 | 14.52 | 28.4727 | 5.82385417 | 14.35 | 27.5508 | 5.99572917 | 13.86 | 24.9176 |
| 5.65197917 | 14.51 | 28.9739 | 5.82396991 | 14.36 | 27.5437 | 5.99584491 | 13.84 | 24.919 |
| 5.65209491 | 14.51 | 28.9919 | 5.82408565 | 14.36 | 27.5354 | 5.99596065 | 13.86 | 24.9038 |
| 5.65221065 | 14.51 | 29.004 | 5.82420139 | 14.36 | 27.5327 | 5.99607639 | 13.86 | 24.9407 |
| 5.65232639 | 14.52 | 28.7578 | 5.82431713 | 14.36 | 27.508 | 5.99619213 | 13.87 | 24.9551 |
| 5.65244213 | 14.51 | 28.8692 | 5.82443287 | 14.36 | 27.5409 | 5.99630787 | 13.86 | 24.9755 |
| 5.65255787 | 14.51 | 28.8394 | 5.82454861 | 14.38 | 27.524 | 5.99642361 | 13.87 | 24.9806 |
| 5.65267361 | 14.52 | 28.5692 | 5.82466435 | 14.36 | 27.5327 | 5.99653935 | 13.91 | 25.2447 |
| 5.65278935 | 14.51 | 28.8037 | 5.82478009 | 14.35 | 27.5453 | 5.99665509 | 13.88 | 25.0368 |
| 5.65290509 | 14.52 | 28.7104 | 5.82489583 | 14.35 | 27.5425 | 5.99677083 | 13.88 | 25.1654 |
| 5.65302083 | 14.51 | 28.914 | 5.82501157 | 14.35 | 27.5068 | 5.99688657 | 13.91 | 25.3561 |
| 5.65313657 | 14.51 | 28.8931 | 5.82512732 | 14.35 | 27.4822 | 5.99700232 | 13.92 | 25.3353 |
| 5.65325232 | 14.52 | 28.7785 | 5.82524306 | 14.35 | 27.4986 | 5.99711806 | 13.86 | 24.8761 |
| 5.65336806 | 14.52 | 28.8231 | 5.8253588 | 14.35 | 27.4904 | 5.9972338 | 13.86 | 24.8646 |
| 5.6534838 | 14.52 | 28.464 | 5.82547454 | 14.35 | 27.4658 | 5.99734954 | 13.86 | 24.7842 |
| 5.65359954 | 14.52 | 28.6544 | 5.82559028 | 14.34 | 27.3937 | 5.99746528 | 13.86 | 24.8071 |
| 5.65371528 | 14.52 | 28.8857 | 5.82570602 | 14.34 | 27.3556 | 5.99758102 | 13.86 | 24.8416 |
| 5.65383102 | 14.51 | 28.9679 | 5.82582176 | 14.34 | 27.3801 | 5.99769676 | 13.86 | 24.8209 |
| 5.65394676 | 14.52 | 27.911 | 5.8259375 | 14.34 | 27.3149 | 5.9978125 | 13.86 | 24.9222 |
| 5.6540625 | 14.62 | 24.7016 | 5.82605324 | 14.34 | 27.3502 | 5.99792824 | 13.86 | 24.7636 |
| 5.65417824 | 14.55 | 28.0054 | 5.82616898 | 14.34 | 27.503 | 5.99804398 | 13.86 | 24.6565 |
| 5.65429398 | 14.54 | 27.9249 | 5.82628472 | 14.34 | 27.361 | 5.99815972 | 13.86 | 24.6724 |
| 5.65440972 | 14.51 | 28.8931 | 5.82640046 | 14.32 | 27.2695 | 5.99827546 | 13.84 | 24.6534 |
| 5.65452546 | 14.51 | 29.019 | 5.8265162 | 14.31 | 27.2657 | 5.9983912 | 13.86 | 24.677 |
| 5.6546412 | 14.52 | 27.8379 | 5.82663194 | 14.32 | 27.2992 | 5.99850694 | 13.86 | 24.6452 |
| 5.65475694 | 14.55 | 27.8165 | 5.82674769 | 14.31 | 27.2738 | 5.99862269 | 13.86 | 24.6747 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65487269 | 14.56 | 27.6809 | 5.82686343 | 14.31 | 27.2549 | 5.99873843 | 13.84 | 24.6376 |
| 5.65498843 | 14.56 | 26.809 | 5.82697917 | 14.31 | 27.1849 | 5.99885417 | 13.86 | 24.6203 |
| 5.65510417 | 14.75 | 15.6057 | 5.82709491 | 14.31 | 27.1259 | 5.99896991 | 13.86 | 24.6361 |
| 5.65521991 | 14.62 | 25.6255 | 5.82721065 | 14.3 | 27.0981 | 5.99908565 | 13.86 | 24.6225 |
| 5.65533565 | 14.64 | 23.6886 | 5.82732639 | 14.3 | 27.0341 | 5.99920139 | 13.86 | 24.6429 |
| 5.65545139 | 14.6 | 25.9954 | 5.82744213 | 14.3 | 27.0607 | 5.99931713 | 13.84 | 24.6444 |
| 5.65556713 | 14.6 | 26.3579 | 5.82755787 | 14.3 | 27.0368 | 5.99943287 | 13.84 | 24.6444 |
| 5.65568287 | 14.59 | 26.4007 | 5.82767361 | 14.28 | 27.0347 | 5.99954861 | 13.86 | 24.6429 |
| 5.65579861 | 14.59 | 26.7858 | 5.82778935 | 14.3 | 27.0341 | 5.99966435 | 13.86 | 24.6588 |
| 5.65591435 | 14.58 | 27.0716 | 5.82790509 | 14.3 | 26.9995 | 5.99978009 | 13.86 | 24.6565 |
| 5.65603009 | 14.58 | 27.3446 | 5.82802083 | 14.3 | 26.9783 | 5.99989583 | 13.86 | 24.6884 |
| 5.65614583 | 14.51 | 29.1852 | 5.82813657 | 14.3 | 26.9677 | 6.00001157 | 13.86 | 24.7385 |
| 5.65626157 | 14.51 | 28.7237 | 5.82825232 | 14.31 | 26.9449 | 6.00012732 | 13.86 | 24.718 |
| 5.65637732 | 14.54 | 28.2583 | 5.82836806 | 14.31 | 26.9316 | 6.00024306 | 13.84 | 24.6489 |
| 5.65649306 | 14.6 | 24.0997 | 5.8284838 | 14.31 | 26.9316 | 6.0003588 | 13.84 | 24.6875 |
| 5.6566088 | 14.71 | 19.3708 | 5.82859954 | 14.3 | 26.9386 | 6.00047454 | 13.84 | 24.6693 |
| 5.65672454 | 14.7 | 20.4616 | 5.82871528 | 14.3 | 26.9148 | 6.00059028 | 13.86 | 24.6429 |
| 5.65684028 | 14.67 | 23.0072 | 5.82883102 | 14.28 | 26.897 | 6.00070602 | 13.84 | 24.6466 |
| 5.65695602 | 14.63 | 24.8318 | 5.82894676 | 14.3 | 26.9016 | 6.00082176 | 13.84 | 24.6693 |
| 5.65707176 | 14.58 | 27.217 | 5.8290625 | 14.28 | 26.8732 | 6.0009375 | 13.84 | 24.6602 |
| 5.6571875 | 14.59 | 26.2217 | 5.82917824 | 14.28 | 26.868 | 6.00105324 | 13.83 | 24.619 |
| 5.65730324 | 14.59 | 26.4986 | 5.82929398 | 14.3 | 26.9544 | 6.00116898 | 13.83 | 24.6055 |
| 5.65741898 | 14.55 | 27.456 | 5.82940972 | 14.28 | 26.9234 | 6.00128472 | 13.83 | 24.5783 |
| 5.65753472 | 14.54 | 27.9588 | 5.82952546 | 14.28 | 26.8838 | 6.00140046 | 13.83 | 24.5874 |
| 5.65765046 | 14.58 | 26.8666 | 5.8296412 | 14.3 | 27.0075 | 6.0015162 | 13.83 | 24.5716 |
| 5.6577662 | 14.59 | 26.316 | 5.82975694 | 14.31 | 27.0271 | 6.00163194 | 13.83 | 24.5716 |
| 5.65788194 | 14.62 | 25.1839 | 5.82987269 | 14.3 | 27.0208 | 6.00174769 | 13.83 | 24.558 |
| 5.65799769 | 14.67 | 22.0877 | 5.82998843 | 14.31 | 27.0831 | 6.00186343 | 13.83 | 24.5558 |
| 5.65811343 | 14.59 | 26.741 | 5.83010417 | 14.31 | 27.1125 | 6.00197917 | 13.8 | 24.5704 |
| 5.65822917 | 14.55 | 27.6658 | 5.83021991 | 14.31 | 27.1419 | 6.00209491 | 13.82 | 24.5238 |
| 5.65834491 | 14.56 | 27.4407 | 5.83033565 | 14.35 | 27.3594 | 6.00221065 | 13.82 | 24.5576 |
| 5.65846065 | 14.55 | 27.6186 | 5.83045139 | 14.34 | 27.0915 | 6.00232639 | 13.8 | 24.5749 |
| 5.65857639 | 14.58 | 26.5521 | 5.83056713 | 14.35 | 27.114 | 6.00244213 | 13.83 | 24.549 |
| 5.65869213 | 14.58 | 26.6197 | 5.83068287 | 14.34 | 27.1183 | 6.00255787 | 13.83 | 24.5738 |
| 5.65880787 | 14.56 | 27.4407 | 5.83079861 | 14.34 | 27.0622 | 6.00267361 | 13.8 | 24.5614 |
| 5.65892361 | 14.55 | 27.9827 | 5.83091435 | 14.34 | 27.0488 | 6.00278935 | 13.8 | 24.5614 |
| 5.65903935 | 14.54 | 28.1665 | 5.83103009 | 14.35 | 27.0552 | 6.00290509 | 13.82 | 24.6254 |
| 5.65915509 | 14.54 | 28.3999 | 5.83114583 | 14.34 | 26.9956 | 6.00302083 | 13.83 | 24.6553 |
| 5.65927083 | 14.52 | 28.7311 | 5.83126157 | 14.34 | 27.0195 | 6.00313657 | 13.83 | 24.7258 |
| 5.65938657 | 14.52 | 28.6249 | 5.83137732 | 14.34 | 27.0142 | 6.00325232 | 13.83 | 24.6985 |
| 5.65950232 | 14.52 | 28.6632 | 5.83149306 | 14.35 | 27.0286 | 6.00336806 | 13.83 | 24.6485 |
| 5.65961806 | 14.52 | 28.5282 | 5.8316088 | 14.35 | 27.0552 | 6.0034838 | 13.83 | 24.719 |
| 5.6597338 | 14.52 | 28.5721 | 5.83172454 | 14.36 | 27.0482 | 6.00359954 | 13.86 | 24.8301 |
| 5.65984954 | 14.52 | 28.6161 | 5.83184028 | 14.36 | 27.0536 | 6.00371528 | 13.83 | 24.6848 |
| 5.65996528 | 14.52 | 28.5662 | 5.83195602 | 14.35 | 27.0579 | 6.00383102 | 13.83 | 24.6666 |
| 5.66008102 | 14.52 | 28.575 | 5.83207176 | 14.36 | 27.1338 | 6.00394676 | 13.83 | 24.6735 |
| 5.66019676 | 14.54 | 28.5398 | 5.8321875 | 14.35 | 27.1167 | 6.0040625 | 13.83 | 24.76 |
| 5.6603125 | 14.52 | 28.4378 | 5.83230324 | 14.34 | 27.0116 | 6.00417824 | 13.83 | 24.7053 |
| 5.66042824 | 14.52 | 28.5019 | 5.83241898 | 14.34 | 27.0462 | 6.00429398 | 13.82 | 24.673 |
| 5.66054398 | 14.52 | 28.7045 | 5.83253472 | 14.35 | 27.0445 | 6.00440972 | 13.86 | 25.1082 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66065972 | 14.51 | 28.8305 | 5.83265046 | 14.34 | 27.0222 | 6.00452546 | 13.86 | 24.9755 |
| 5.66077546 | 14.54 | 28.3651 | 5.8327662 | 14.32 | 26.9564 | 6.0046412 | 13.83 | 24.6803 |
| 5.6608912 | 14.54 | 28.0865 | 5.83288194 | 14.31 | 26.9528 | 6.00475694 | 13.83 | 24.6349 |
| 5.66100694 | 14.54 | 28.0552 | 5.83299769 | 14.31 | 26.9501 | 6.00487269 | 13.83 | 24.6417 |
| 5.66112269 | 14.55 | 27.5771 | 5.83311343 | 14.31 | 26.9422 | 6.00498843 | 13.83 | 24.6621 |
| 5.66123843 | 14.55 | 27.5495 | 5.83322917 | 14.32 | 26.9803 | 6.00510417 | 13.83 | 24.6712 |
| 5.66135417 | 14.55 | 27.6852 | 5.83334491 | 14.31 | 26.9528 | 6.00521991 | 13.82 | 24.6367 |
| 5.66146991 | 14.56 | 27.6642 | 5.83346065 | 14.27 | 26.7098 | 6.00533565 | 13.8 | 24.6337 |
| 5.66158565 | 14.55 | 27.6186 | 5.83357639 | 14.24 | 26.6005 | 6.00545139 | 13.82 | 24.6118 |
| 5.66170139 | 14.55 | 27.7075 | 5.83369213 | 14.24 | 26.5747 | 6.00556713 | 13.83 | 24.6236 |
| 5.66181713 | 14.54 | 28.2267 | 5.83380787 | 14.23 | 26.6178 | 6.00568287 | 13.83 | 24.6372 |
| 5.66193287 | 14.55 | 27.9318 | 5.83392361 | 14.24 | 26.6472 | 6.00579861 | 13.83 | 24.719 |
| 5.66204861 | 14.55 | 28.3666 | 5.83403935 | 14.24 | 26.6446 | 6.00591435 | 13.84 | 24.8131 |
| 5.66216435 | 14.52 | 28.8469 | 5.83415509 | 14.26 | 26.605 | 6.00603009 | 13.84 | 24.82 |
| 5.66228009 | 14.51 | 28.7741 | 5.83427083 | 14.26 | 26.6283 | 6.00614583 | 13.86 | 24.7957 |
| 5.66239583 | 14.51 | 28.932 | 5.83438657 | 14.24 | 26.6576 | 6.00626157 | 13.83 | 24.6985 |
| 5.66251157 | 14.51 | 28.9469 | 5.83450232 | 14.24 | 26.6446 | 6.00637732 | 13.82 | 24.6118 |
| 5.66262732 | 14.51 | 28.8156 | 5.83461806 | 14.26 | 26.6335 | 6.00649306 | 13.8 | 24.611 |
| 5.66274306 | 14.5 | 29.1018 | 5.8347338 | 14.26 | 26.6257 | 6.0066088 | 13.83 | 24.7008 |
| 5.6628588 | 14.51 | 28.777 | 5.83484954 | 14.24 | 26.6706 | 6.00672454 | 13.83 | 24.7053 |
| 5.66297454 | 14.52 | 28.7075 | 5.83496528 | 14.26 | 26.6464 | 6.00684028 | 13.86 | 24.837 |
| 5.66309028 | 14.51 | 28.7741 | 5.83508102 | 14.26 | 26.6724 | 6.00695602 | 13.86 | 24.8761 |
| 5.66320602 | 14.51 | 28.9559 | 5.83519676 | 14.26 | 26.675 | 6.00707176 | 13.86 | 24.8485 |
| 5.66332176 | 14.52 | 28.7578 | 5.8353125 | 14.26 | 26.7245 | 6.0071875 | 13.86 | 24.8186 |
| 5.6634375 | 14.51 | 28.908 | 5.83542824 | 14.26 | 26.7115 | 6.00730324 | 13.86 | 24.7614 |
| 5.66355324 | 14.5 | 29.0686 | 5.83554398 | 14.27 | 26.7411 | 6.00741898 | 13.83 | 24.6553 |
| 5.66366898 | 14.5 | 29.0807 | 5.83565972 | 14.27 | 26.783 | 6.00753472 | 13.82 | 24.6594 |
| 5.66378472 | 14.5 | 28.9934 | 5.83577546 | 14.27 | 26.7307 | 6.00765046 | 13.83 | 24.6485 |
| 5.66390046 | 14.52 | 28.737 | 5.8358912 | 14.26 | 26.7794 | 6.0077662 | 13.83 | 24.6576 |
| 5.6640162 | 14.51 | 28.914 | 5.83600694 | 14.26 | 26.7376 | 6.00788194 | 13.82 | 24.6617 |
| 5.66413194 | 14.5 | 29.211 | 5.83612269 | 14.27 | 26.7307 | 6.00799769 | 13.83 | 24.7235 |
| 5.66424769 | 14.48 | 29.3053 | 5.83623843 | 14.27 | 26.7725 | 6.00811343 | 13.82 | 24.6708 |
| 5.66436343 | 14.48 | 29.3359 | 5.83635417 | 14.27 | 26.8249 | 6.00822917 | 13.82 | 24.6549 |
| 5.66447917 | 14.48 | 29.3023 | 5.83646991 | 14.28 | 26.8154 | 6.00834491 | 13.8 | 24.6495 |
| 5.66459491 | 14.48 | 29.2626 | 5.83658565 | 14.3 | 26.9783 | 6.00846065 | 13.8 | 24.6722 |
| 5.66471065 | 14.5 | 29.1079 | 5.83670139 | 14.28 | 26.9234 | 6.00857639 | 13.79 | 24.6355 |
| 5.66482639 | 14.51 | 28.6942 | 5.83681713 | 14.3 | 26.9703 | 6.00869213 | 13.86 | 25.0731 |
| 5.66494213 | 14.55 | 27.192 | 5.83693287 | 14.3 | 26.9068 | 6.00880787 | 13.86 | 25.2185 |
| 5.66505787 | 14.55 | 28.1306 | 5.83704861 | 14.3 | 26.981 | 6.00892361 | 13.86 | 25.0988 |
| 5.66517361 | 14.55 | 27.6297 | 5.83716435 | 14.28 | 26.8601 | 6.00903935 | 13.86 | 25.1199 |
| 5.66528935 | 14.54 | 28.5164 | 5.83728009 | 14.28 | 26.8469 | 6.00915509 | 13.87 | 25.2851 |
| 5.66540509 | 14.54 | 28.575 | 5.83739583 | 14.28 | 26.8627 | 6.00927083 | 13.88 | 25.3378 |
| 5.66552083 | 14.52 | 28.6191 | 5.83751157 | 14.28 | 26.8627 | 6.00938657 | 13.86 | 25.1082 |
| 5.66563657 | 14.52 | 28.5633 | 5.83762732 | 14.28 | 26.8706 | 6.00950232 | 13.86 | 25.0755 |
| 5.66575232 | 14.52 | 28.5956 | 5.83774306 | 14.3 | 26.9095 | 6.00961806 | 13.86 | 25.0289 |
| 5.66586806 | 14.54 | 28.5106 | 5.8378588 | 14.3 | 26.9359 | 6.0097338 | 13.84 | 24.8936 |
| 5.6659838 | 14.51 | 28.6942 | 5.83797454 | 14.31 | 26.9713 | 6.00984954 | 13.86 | 25.0172 |
| 5.66609954 | 14.52 | 28.6191 | 5.83809028 | 14.31 | 26.9873 | 6.00996528 | 13.86 | 24.9963 |
| 5.66621528 | 14.52 | 28.6073 | 5.83820602 | 14.32 | 27.0335 | 6.01008102 | 13.86 | 24.9917 |
| 5.66633102 | 14.52 | 28.6279 | 5.83832176 | 14.31 | 27.0404 | 6.01019676 | 13.86 | 24.8876 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66644676 | 14.52 | 28.743 | 5.8384375 | 14.32 | 27.0868 | 6.0103125 | 13.86 | 24.9315 |
| 5.6665625 | 14.54 | 28.5077 | 5.83855324 | 14.34 | 27.1022 | 6.01042824 | 13.86 | 24.9453 |
| 5.66667824 | 14.55 | 28.3868 | 5.83866898 | 14.34 | 27.215 | 6.01054398 | 13.86 | 25.2091 |
| 5.66679398 | 14.54 | 28.6485 | 5.83878472 | 14.32 | 27.1618 | 6.01065972 | 13.88 | 25.402 |
| 5.66690972 | 14.52 | 28.7845 | 5.83890046 | 14.34 | 27.121 | 6.01077546 | 13.88 | 25.3425 |
| 5.66702546 | 14.54 | 28.575 | 5.8390162 | 14.32 | 27.1913 | 6.0108912 | 13.86 | 25.1832 |
| 5.6671412 | 14.55 | 28.4275 | 5.83913194 | 14.35 | 27.3052 | 6.01100694 | 13.87 | 25.2072 |
| 5.66725694 | 14.54 | 28.5164 | 5.83924769 | 14.35 | 27.3513 | 6.01112269 | 13.86 | 25.1785 |
| 5.66737269 | 14.54 | 28.6426 | 5.83936343 | 14.35 | 27.2835 | 6.01123843 | 13.86 | 25.1855 |
| 5.66748843 | 14.55 | 28.5618 | 5.83947917 | 14.39 | 27.7214 | 6.01135417 | 13.86 | 25.0918 |
| 5.66760417 | 14.52 | 28.6367 | 5.83959491 | 14.39 | 27.5829 | 6.01146991 | 13.86 | 25.0196 |
| 5.66771991 | 14.54 | 28.6279 | 5.83971065 | 14.36 | 27.4532 | 6.01158565 | 13.84 | 24.9098 |
| 5.66783565 | 14.55 | 28.3868 | 5.83982639 | 14.39 | 27.6105 | 6.01170139 | 13.83 | 24.8955 |
| 5.66795139 | 14.56 | 28.3101 | 5.83994213 | 14.39 | 27.5692 | 6.01181713 | 13.84 | 24.9652 |
| 5.66806713 | 14.58 | 28.3563 | 5.84005787 | 14.38 | 27.4883 | 6.01193287 | 13.83 | 24.8978 |
| 5.66818287 | 14.58 | 28.4143 | 5.84017361 | 14.39 | 27.5279 | 6.01204861 | 13.83 | 24.8793 |
| 5.66829861 | 14.58 | 28.4027 | 5.84028935 | 14.36 | 27.3198 | 6.01216435 | 13.83 | 24.831 |
| 5.66841435 | 14.58 | 28.4347 | 5.84040509 | 14.35 | 27.3594 | 6.01228009 | 13.82 | 24.8536 |
| 5.66853009 | 14.54 | 28.8678 | 5.84052083 | 14.36 | 27.2711 | 6.01239583 | 13.83 | 24.9208 |
| 5.66864583 | 14.52 | 28.9245 | 5.84063657 | 14.35 | 27.2727 | 6.01251157 | 13.82 | 24.8858 |
| 5.66876157 | 14.55 | 28.3579 | 5.84075232 | 14.35 | 27.27 | 6.01262732 | 13.83 | 24.9254 |
| 5.66887732 | 14.56 | 28.458 | 5.84086806 | 14.35 | 27.2376 | 6.01274306 | 13.82 | 24.8927 |
| 5.66899306 | 14.54 | 28.6485 | 5.8409838 | 14.35 | 27.2727 | 6.0128588 | 13.84 | 24.956 |
| 5.6691088 | 14.52 | 28.8797 | 5.84109954 | 14.35 | 27.2646 | 6.01297454 | 13.8 | 24.9125 |
| 5.66922454 | 14.52 | 28.7607 | 5.84121528 | 14.34 | 27.2365 | 6.01309028 | 13.83 | 24.8793 |
| 5.66934028 | 14.52 | 28.6308 | 5.84133102 | 14.35 | 27.2592 | 6.01320602 | 13.83 | 24.8862 |
| 5.66945602 | 14.52 | 28.7607 | 5.84144676 | 14.35 | 27.2646 | 6.01332176 | 13.83 | 24.9324 |
| 5.66957176 | 14.54 | 28.7164 | 5.8415625 | 14.35 | 27.297 | 6.0134375 | 13.84 | 25.0023 |
| 5.6696875 | 14.52 | 28.8648 | 5.84167824 | 14.35 | 27.4302 | 6.01355324 | 13.84 | 24.9305 |
| 5.66980324 | 14.51 | 28.8513 | 5.84179398 | 14.36 | 27.3334 | 6.01366898 | 13.84 | 24.9768 |
| 5.66991898 | 14.51 | 28.8454 | 5.84190972 | 14.36 | 27.3986 | 6.01378472 | 13.83 | 24.937 |
| 5.67003472 | 14.54 | 28.5926 | 5.84202546 | 14.36 | 27.3279 | 6.01390046 | 13.84 | 24.9907 |
| 5.67015046 | 14.52 | 28.7193 | 5.8421412 | 14.36 | 27.4041 | 6.0140162 | 13.86 | 25.0708 |
| 5.6702662 | 14.52 | 28.8231 | 5.84225694 | 14.36 | 27.3932 | 6.01413194 | 13.86 | 25.0498 |
| 5.67038194 | 14.52 | 28.829 | 5.84237269 | 14.36 | 27.3741 | 6.01424769 | 13.86 | 25.0149 |
| 5.67049769 | 14.51 | 28.8931 | 5.84248843 | 14.36 | 27.4423 | 6.01436343 | 13.86 | 24.9963 |
| 5.67061343 | 14.52 | 28.7519 | 5.84260417 | 14.36 | 27.4505 | 6.01447917 | 13.86 | 25.1199 |
| 5.67072917 | 14.54 | 28.678 | 5.84271991 | 14.38 | 27.4363 | 6.01459491 | 13.86 | 25.0661 |
| 5.67084491 | 14.54 | 28.7193 | 5.84283565 | 14.36 | 27.4614 | 6.01471065 | 13.86 | 25.0079 |
| 5.67096065 | 14.52 | 28.7311 | 5.84295139 | 14.36 | 27.4232 | 6.01482639 | 13.84 | 24.8844 |
| 5.67107639 | 14.52 | 28.8231 | 5.84306713 | 14.38 | 27.4883 | 6.01494213 | 13.79 | 24.7036 |
| 5.67119213 | 14.54 | 28.7341 | 5.84318287 | 14.38 | 27.5487 | 6.01505787 | 13.78 | 24.71 |
| 5.67130787 | 14.52 | 28.7163 | 5.84329861 | 14.38 | 27.5763 | 6.01517361 | 13.76 | 24.6661 |
| 5.67142361 | 14.54 | 28.7312 | 5.84341435 | 14.39 | 27.6769 | 6.01528935 | 13.78 | 24.6193 |
| 5.67153935 | 14.54 | 28.7608 | 5.84353009 | 14.4 | 27.7281 | 6.01540509 | 13.78 | 24.6012 |
| 5.67165509 | 14.52 | 28.7963 | 5.84364583 | 14.39 | 27.6382 | 6.01552083 | 13.78 | 24.608 |
| 5.67177083 | 14.52 | 28.7934 | 5.84376157 | 14.38 | 27.5267 | 6.01563657 | 13.78 | 24.6261 |
| 5.67188657 | 14.52 | 28.8053 | 5.84387732 | 14.39 | 27.6022 | 6.01575232 | 13.76 | 24.6411 |
| 5.67200232 | 14.52 | 28.743 | 5.84399306 | 14.36 | 27.4833 | 6.01586806 | 13.78 | 24.6555 |
| 5.67211806 | 14.52 | 28.8023 | 5.8441088 | 14.38 | 27.524 | 6.0159838 | 13.79 | 24.6559 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6722338 | 14.52 | 28.8023 | 5.84422454 | 14.36 | 27.5492 | 6.01609954 | 13.79 | 24.69 |
| 5.67234954 | 14.51 | 28.8841 | 5.84434028 | 14.36 | 27.5107 | 6.01621528 | 13.82 | 24.8329 |
| 5.67246528 | 14.46 | 29.4309 | 5.84445602 | 14.36 | 27.4778 | 6.01633102 | 13.79 | 24.8362 |
| 5.67258102 | 14.5 | 29.0174 | 5.84457176 | 14.35 | 27.4959 | 6.01644676 | 13.8 | 24.7908 |
| 5.67269676 | 14.48 | 29.1198 | 5.8446875 | 14.36 | 27.5519 | 6.0165625 | 13.8 | 24.8091 |
| 5.6728125 | 14.48 | 29.0625 | 5.84480324 | 14.36 | 27.508 | 6.01667824 | 13.83 | 24.8678 |
| 5.67292824 | 14.48 | 29.0203 | 5.84491898 | 14.38 | 27.568 | 6.01679398 | 13.83 | 24.9532 |
| 5.67304398 | 14.5 | 28.8737 | 5.84503472 | 14.38 | 27.5487 | 6.01690972 | 13.83 | 24.8955 |
| 5.67315972 | 14.5 | 28.9065 | 5.84515046 | 14.38 | 27.5625 | 6.01702546 | 13.8 | 24.8205 |
| 5.67327546 | 14.5 | 28.8171 | 5.8452662 | 14.39 | 27.6437 | 6.0171412 | 13.83 | 24.9903 |
| 5.6733912 | 14.51 | 28.8097 | 5.84538194 | 14.38 | 27.6176 | 6.01725694 | 13.86 | 25.1363 |
| 5.67350694 | 14.51 | 28.8216 | 5.84549769 | 14.39 | 27.6686 | 6.01737269 | 13.86 | 25.1456 |
| 5.67362269 | 14.5 | 29.0928 | 5.84561343 | 14.4 | 27.6892 | 6.01748843 | 13.86 | 25.1667 |
| 5.67373843 | 14.51 | 28.8543 | 5.84572917 | 14.4 | 27.6892 | 6.01760417 | 13.86 | 25.0942 |
| 5.67385417 | 14.5 | 28.9095 | 5.84584491 | 14.4 | 27.7253 | 6.01771991 | 13.86 | 25.0801 |
| 5.67396991 | 14.5 | 29.0536 | 5.84596065 | 14.4 | 27.742 | 6.01783565 | 13.86 | 25.1082 |
| 5.67408565 | 14.48 | 29.0384 | 5.84607639 | 14.42 | 27.7751 | 6.01795139 | 13.84 | 25.0256 |
| 5.67420139 | 14.5 | 28.9454 | 5.84619213 | 14.42 | 27.8031 | 6.01806713 | 13.84 | 24.949 |
| 5.67431713 | 14.5 | 28.8767 | 5.84630787 | 14.42 | 27.7975 | 6.01818287 | 13.84 | 24.949 |
| 5.67443287 | 14.5 | 29.0204 | 5.84642361 | 14.42 | 27.8591 | 6.01829861 | 13.83 | 24.8265 |
| 5.67454861 | 14.5 | 29.0807 | 5.84653935 | 14.43 | 27.8856 | 6.01841435 | 13.8 | 24.7908 |
| 5.67466435 | 14.5 | 29.0747 | 5.84665509 | 14.43 | 27.8659 | 6.01853009 | 13.79 | 24.7218 |
| 5.67478009 | 14.5 | 28.9514 | 5.84677083 | 14.42 | 27.8198 | 6.01864583 | 13.79 | 24.7287 |
| 5.67489583 | 14.5 | 28.9934 | 5.84688657 | 14.39 | 27.6686 | 6.01876157 | 13.83 | 24.8448 |
| 5.67501157 | 14.5 | 29.0174 | 5.84700232 | 14.42 | 27.8394 | 6.01887732 | 13.8 | 24.8458 |
| 5.67512732 | 14.48 | 29.1683 | 5.84711806 | 14.42 | 27.8058 | 6.01899306 | 13.82 | 24.8904 |
| 5.67524306 | 14.48 | 29.1289 | 5.8472338 | 14.43 | 27.8491 | 6.0191088 | 13.83 | 24.8655 |
| 5.6753588 | 14.5 | 29.0445 | 5.84734954 | 14.42 | 27.8366 | 6.01922454 | 13.83 | 24.8724 |
| 5.67547454 | 14.5 | 29.0566 | 5.84746528 | 14.42 | 27.8058 | 6.01934028 | 13.83 | 24.9162 |
| 5.67559028 | 14.48 | 29.0926 | 5.84758102 | 14.42 | 27.8058 | 6.01945602 | 13.82 | 24.8904 |
| 5.67570602 | 14.5 | 29.0325 | 5.84769676 | 14.4 | 27.865 | 6.01957176 | 13.8 | 24.8137 |
| 5.67582176 | 14.5 | 29.0566 | 5.8478125 | 14.42 | 27.8394 | 6.0196875 | 13.82 | 24.8145 |
| 5.6759375 | 14.52 | 28.4931 | 5.84792824 | 14.4 | 27.7448 | 6.01980324 | 13.82 | 24.8329 |
| 5.67605324 | 14.52 | 28.5194 | 5.84804398 | 14.4 | 27.7587 | 6.01991898 | 13.83 | 24.9024 |
| 5.67616898 | 14.52 | 28.5545 | 5.84815972 | 14.39 | 27.7214 | 6.02003472 | 13.83 | 24.8563 |
| 5.67628472 | 14.52 | 28.499 | 5.84827546 | 14.39 | 27.6548 | 6.02015046 | 13.83 | 24.8978 |
| 5.67640046 | 14.54 | 28.3999 | 5.8483912 | 14.39 | 27.6853 | 6.0202662 | 13.84 | 24.9606 |
| 5.6765162 | 14.54 | 28.3246 | 5.84850694 | 14.39 | 27.6409 | 6.02038194 | 13.84 | 25.0442 |
| 5.67663194 | 14.54 | 28.3102 | 5.84862269 | 14.38 | 27.6453 | 6.02049769 | 13.86 | 25.1621 |
| 5.67674769 | 14.54 | 28.3131 | 5.84873843 | 14.39 | 27.6548 | 6.02061343 | 13.86 | 25.2067 |
| 5.67686343 | 14.54 | 28.3391 | 5.84885417 | 14.39 | 27.6714 | 6.02072917 | 13.86 | 25.1012 |
| 5.67697917 | 14.54 | 28.3796 | 5.84896991 | 14.39 | 27.752 | 6.02084491 | 13.86 | 25.1035 |
| 5.67709491 | 14.52 | 28.4902 | 5.84908565 | 14.4 | 27.7866 | 6.02096065 | 13.84 | 25.0302 |
| 5.67721065 | 14.52 | 28.5809 | 5.84920139 | 14.4 | 27.7337 | 6.02107639 | 13.84 | 25.007 |
| 5.67732639 | 14.54 | 28.4494 | 5.84931713 | 14.4 | 27.8146 | 6.02119213 | 13.84 | 24.9652 |
| 5.67744213 | 14.54 | 28.4377 | 5.84943287 | 14.42 | 27.7751 | 6.02130787 | 13.83 | 24.8471 |
| 5.67755787 | 14.54 | 28.3536 | 5.84954861 | 14.4 | 27.7504 | 6.02142361 | 13.82 | 24.8145 |
| 5.67767361 | 14.54 | 28.3738 | 5.84966435 | 14.4 | 27.7643 | 6.02153935 | 13.8 | 24.7793 |
| 5.67778935 | 14.55 | 28.1879 | 5.84978009 | 14.4 | 27.742 | 6.02165509 | 13.82 | 24.7893 |
| 5.67790509 | 14.55 | 28.2194 | 5.84989583 | 14.4 | 27.756 | 6.02177083 | 13.79 | 24.8132 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67802083 | 14.54 | 28.3536 | 5.85001157 | 14.42 | 27.8058 | 6.02188657 | 13.82 | 24.872 |
| 5.67813657 | 14.51 | 28.78 | 5.85012732 | 14.42 | 27.8003 | 6.02200232 | 13.83 | 25.0019 |
| 5.67825232 | 14.54 | 28.3738 | 5.85024306 | 14.42 | 27.8058 | 6.02211806 | 13.86 | 25.2114 |
| 5.67836806 | 14.54 | 28.4261 | 5.8503588 | 14.42 | 27.7723 | 6.0222338 | 13.86 | 25.1433 |
| 5.6784838 | 14.54 | 28.6161 | 5.85047454 | 14.4 | 27.7226 | 6.02234954 | 13.84 | 25.1399 |
| 5.67859954 | 14.54 | 28.4377 | 5.85059028 | 14.39 | 27.6742 | 6.02246528 | 13.83 | 24.854 |
| 5.67871528 | 14.54 | 28.4727 | 5.85070602 | 14.38 | 27.5845 | 6.02258102 | 13.8 | 24.8251 |
| 5.67883102 | 14.52 | 28.6132 | 5.85082176 | 14.36 | 27.5107 | 6.02269676 | 13.83 | 24.8655 |
| 5.67894676 | 14.54 | 28.5897 | 5.8509375 | 14.36 | 27.5354 | 6.0228125 | 13.83 | 24.8563 |
| 5.6790625 | 14.52 | 28.6986 | 5.85105324 | 14.34 | 27.3447 | 6.02292824 | 13.82 | 24.8306 |
| 5.67917824 | 14.52 | 28.7548 | 5.85116898 | 14.31 | 27.2145 | 6.02304398 | 13.82 | 24.8582 |
| 5.67929398 | 14.51 | 28.78 | 5.85128472 | 14.31 | 27.2279 | 6.02315972 | 13.83 | 24.8724 |
| 5.67940972 | 14.51 | 28.7948 | 5.85140046 | 14.31 | 27.1956 | 6.02327546 | 13.83 | 24.8678 |
| 5.67952546 | 14.48 | 29.1229 | 5.8515162 | 14.31 | 27.2306 | 6.0233912 | 13.83 | 24.8885 |
| 5.6796412 | 14.47 | 29.3618 | 5.85163194 | 14.31 | 27.236 | 6.02350694 | 13.83 | 24.8908 |
| 5.67975694 | 14.46 | 29.3755 | 5.85174769 | 14.31 | 27.236 | 6.02362269 | 13.8 | 24.8688 |
| 5.67987269 | 14.51 | 28.5034 | 5.85186343 | 14.31 | 27.158 | 6.02373843 | 13.83 | 24.8678 |
| 5.67998843 | 14.51 | 28.3292 | 5.85197917 | 14.31 | 27.0831 | 6.02385417 | 13.83 | 24.9601 |
| 5.68010417 | 14.5 | 28.6721 | 5.85209491 | 14.31 | 27.1018 | 6.02396991 | 13.86 | 25.2185 |
| 5.68021991 | 14.51 | 28.3667 | 5.85221065 | 14.32 | 27.0948 | 6.02408565 | 13.87 | 25.3705 |
| 5.68033565 | 14.52 | 28.319 | 5.85232639 | 14.31 | 27.1312 | 6.02420139 | 13.86 | 25.2091 |
| 5.68045139 | 14.52 | 28.3045 | 5.85244213 | 14.31 | 27.1553 | 6.02431713 | 13.84 | 25.0628 |
| 5.68056713 | 14.51 | 28.3407 | 5.85255787 | 14.32 | 27.2317 | 6.02443287 | 13.86 | 25.1691 |
| 5.68068287 | 14.51 | 28.4801 | 5.85267361 | 14.34 | 27.3855 | 6.02454861 | 13.86 | 25.1199 |
| 5.68079861 | 14.51 | 28.4393 | 5.85278935 | 14.34 | 27.2716 | 6.02466435 | 13.86 | 25.0965 |
| 5.68091435 | 14.5 | 28.7844 | 5.85290509 | 14.36 | 27.4998 | 6.02478009 | 13.86 | 25.0708 |
| 5.68103009 | 14.5 | 28.7222 | 5.85302083 | 14.39 | 27.6658 | 6.02489583 | 13.84 | 25.1634 |
| 5.68114583 | 14.5 | 28.6191 | 5.85313657 | 14.39 | 27.7047 | 6.02501157 | 13.86 | 25.0755 |
| 5.68126157 | 14.5 | 28.7755 | 5.85325232 | 14.39 | 27.7047 | 6.02512732 | 13.86 | 25.0568 |
| 5.68137732 | 14.48 | 28.8826 | 5.85336806 | 14.39 | 27.6908 | 6.02524306 | 13.86 | 25.0895 |
| 5.68149306 | 14.48 | 28.9154 | 5.8534838 | 14.39 | 27.7019 | 6.0253588 | 13.86 | 25.0498 |
| 5.6816088 | 14.48 | 28.8111 | 5.85359954 | 14.39 | 27.6548 | 6.02547454 | 13.86 | 25.0196 |
| 5.68172454 | 14.47 | 29.0549 | 5.85371528 | 14.39 | 27.5995 | 6.02559028 | 13.83 | 24.9555 |
| 5.68184028 | 14.48 | 28.8141 | 5.85383102 | 14.39 | 27.6133 | 6.02570602 | 13.84 | 25.0209 |
| 5.68195602 | 14.48 | 28.9124 | 5.85394676 | 14.39 | 27.6631 | 6.02582176 | 13.84 | 25.0372 |
| 5.68207176 | 14.47 | 28.9258 | 5.8540625 | 14.39 | 27.6936 | 6.0259375 | 13.83 | 24.9555 |
| 5.6821875 | 14.47 | 28.9169 | 5.85417824 | 14.39 | 27.6686 | 6.02605324 | 13.83 | 24.9509 |
| 5.68230324 | 14.47 | 28.9019 | 5.85429398 | 14.39 | 27.6825 | 6.02616898 | 13.83 | 24.9787 |
| 5.68241898 | 14.47 | 28.9408 | 5.85440972 | 14.39 | 27.6742 | 6.02628472 | 13.83 | 25.0367 |
| 5.68253472 | 14.47 | 29.0188 | 5.85452546 | 14.39 | 27.713 | 6.02640046 | 13.83 | 25.0367 |
| 5.68265046 | 14.47 | 29.0128 | 5.8546412 | 14.39 | 27.7214 | 6.0265162 | 13.84 | 25.0861 |
| 5.6827662 | 14.47 | 29.0338 | 5.85475694 | 14.4 | 27.7087 | 6.02663194 | 13.86 | 25.1644 |
| 5.68288194 | 14.47 | 28.9827 | 5.85487269 | 14.39 | 27.6714 | 6.02674769 | 13.86 | 25.3248 |
| 5.68299769 | 14.46 | 28.9872 | 5.85498843 | 14.35 | 27.5206 | 6.02686343 | 13.86 | 25.2043 |
| 5.68311343 | 14.47 | 28.9947 | 5.85510417 | 14.32 | 27.2479 | 6.02697917 | 13.84 | 25.1189 |
| 5.68322917 | 14.46 | 29.0383 | 5.85521991 | 14.36 | 27.6485 | 6.02709491 | 13.84 | 25.1798 |
| 5.68334491 | 14.47 | 29.0609 | 5.85533565 | 14.36 | 27.585 | 6.02721065 | 13.86 | 25.1339 |
| 5.68346065 | 14.47 | 29.0158 | 5.85545139 | 14.36 | 27.5739 | 6.02732639 | 13.86 | 25.1738 |
| 5.68357639 | 14.47 | 29.0579 | 5.85556713 | 14.36 | 27.5244 | 6.02744213 | 13.84 | 25.1704 |
| 5.68369213 | 14.47 | 29.0398 | 5.85568287 | 14.35 | 27.5233 | 6.02755787 | 13.84 | 25.0955 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68380787 | 14.46 | 29.0594 | 5.85579861 | 14.35 | 27.3567 | 6.02767361 | 13.86 | 25.2704 |
| 5.68392361 | 14.46 | 29.0986 | 5.85591435 | 14.36 | 27.5217 | 6.02778935 | 13.86 | 25.3248 |
| 5.68403935 | 14.46 | 29.0624 | 5.85603009 | 14.35 | 27.5178 | 6.02790509 | 13.86 | 25.3937 |
| 5.68415509 | 14.46 | 29.0805 | 5.85614583 | 14.34 | 27.2365 | 6.02802083 | 13.86 | 25.2114 |
| 5.68427083 | 14.46 | 29.1227 | 5.85626157 | 14.31 | 27.1152 | 6.02813657 | 13.84 | 25.208 |
| 5.68438657 | 14.46 | 29.0594 | 5.85637732 | 14.32 | 27.1002 | 6.02825232 | 13.84 | 25.1025 |
| 5.68450232 | 14.46 | 29.0563 | 5.85649306 | 14.32 | 27.1242 | 6.02836806 | 13.83 | 25.0553 |
| 5.68461806 | 14.46 | 29.0865 | 5.8566088 | 14.32 | 27.135 | 6.0284838 | 13.83 | 25.0693 |
| 5.6847338 | 14.46 | 29.0654 | 5.85672454 | 14.3 | 27.0421 | 6.02859954 | 13.83 | 25.0553 |
| 5.68484954 | 14.46 | 29.0774 | 5.85684028 | 14.3 | 27.0928 | 6.02871528 | 13.83 | 25.0274 |
| 5.68496528 | 14.46 | 29.0503 | 5.85695602 | 14.32 | 27.2048 | 6.02883102 | 13.84 | 25.1516 |
| 5.68508102 | 14.46 | 29.0684 | 5.85707176 | 14.35 | 27.3567 | 6.02894676 | 13.84 | 25.1939 |
| 5.68519676 | 14.47 | 29.0218 | 5.8571875 | 14.36 | 27.4998 | 6.0290625 | 13.86 | 25.3035 |
| 5.6853125 | 14.46 | 29.0955 | 5.85730324 | 14.35 | 27.4466 | 6.02917824 | 13.84 | 25.0932 |
| 5.68542824 | 14.47 | 29.0368 | 5.85741898 | 14.39 | 27.6382 | 6.02929398 | 13.86 | 25.1902 |
| 5.68554398 | 14.46 | 29.0353 | 5.85753472 | 14.39 | 27.805 | 6.02940972 | 13.83 | 25.1441 |
| 5.68565972 | 14.46 | 29.0383 | 5.85765046 | 14.42 | 27.8815 | 6.02952546 | 13.86 | 25.1973 |
| 5.68577546 | 14.46 | 29.0413 | 5.8577662 | 14.42 | 27.9124 | 6.0296412 | 13.86 | 25.313 |
| 5.6858912 | 14.46 | 29.0503 | 5.85788194 | 14.4 | 28.0568 | 6.02975694 | 13.84 | 25.3095 |
| 5.68600694 | 14.46 | 29.0383 | 5.85799769 | 14.39 | 27.7297 | 6.02987269 | 13.86 | 25.3842 |
| 5.68612269 | 14.47 | 29.0308 | 5.85811343 | 14.4 | 27.8398 | 6.02998843 | 13.87 | 25.4827 |
| 5.68623843 | 14.47 | 29.0338 | 5.85822917 | 14.38 | 27.6342 | 6.03010417 | 13.92 | 25.5988 |
| 5.68635417 | 14.46 | 29.0172 | 5.85834491 | 14.4 | 27.8202 | 6.03021991 | 13.87 | 25.4086 |
| 5.68646991 | 14.47 | 29.0669 | 5.85846065 | 14.4 | 27.8398 | 6.03033565 | 13.87 | 25.4564 |
| 5.68658565 | 14.47 | 29.1425 | 5.85857639 | 14.42 | 27.8956 | 6.03045139 | 13.87 | 25.4468 |
| 5.68670139 | 14.46 | 29.1137 | 5.85869213 | 14.44 | 28.285 | 6.03056713 | 13.9 | 25.4318 |
| 5.68681713 | 14.44 | 29.1136 | 5.85880787 | 14.46 | 28.4294 | 6.03068287 | 13.92 | 25.6641 |
| 5.68693287 | 14.46 | 29.0955 | 5.85892361 | 14.46 | 28.4265 | 6.03079861 | 13.94 | 25.6921 |
| 5.68704861 | 14.46 | 29.0835 | 5.85903935 | 14.46 | 28.4439 | 6.03091435 | 13.95 | 25.7757 |
| 5.68716435 | 14.47 | 29.0881 | 5.85915509 | 14.46 | 28.4061 | 6.03103009 | 13.94 | 25.7092 |
| 5.68728009 | 14.44 | 29.1892 | 5.85927083 | 14.46 | 28.3859 | 6.03114583 | 13.92 | 25.5578 |
| 5.68739583 | 14.46 | 29.1379 | 5.85938657 | 14.42 | 27.9773 | 6.03126157 | 13.92 | 25.6254 |
| 5.68751157 | 14.46 | 29.1651 | 5.85950232 | 14.42 | 27.8619 | 6.03137732 | 13.9 | 25.5037 |
| 5.68762732 | 14.44 | 29.2105 | 5.85961806 | 14.42 | 27.8787 | 6.03149306 | 13.87 | 25.442 |
| 5.68774306 | 14.46 | 29.1924 | 5.8597338 | 14.44 | 28.2246 | 6.0316088 | 13.86 | 25.3059 |
| 5.6878588 | 14.44 | 29.2044 | 5.85984954 | 14.43 | 27.9701 | 6.03172454 | 13.86 | 25.2303 |
| 5.68797454 | 14.46 | 29.1894 | 5.85996528 | 14.43 | 27.9024 | 6.03184028 | 13.83 | 25.1582 |
| 5.68809028 | 14.46 | 29.1985 | 5.86008102 | 14.4 | 27.7587 | 6.03195602 | 13.83 | 25.1394 |
| 5.68820602 | 14.46 | 29.1924 | 5.86019676 | 14.39 | 27.7408 | 6.03207176 | 13.83 | 25.0973 |
| 5.68832176 | 14.46 | 29.1046 | 5.8603125 | 14.38 | 27.6066 | 6.0321875 | 13.83 | 25.102 |
| 5.6884375 | 14.46 | 29.1409 | 5.86042824 | 14.38 | 27.6287 | 6.03230324 | 13.82 | 25.0665 |
| 5.68855324 | 14.47 | 28.9737 | 5.86054398 | 14.38 | 27.6342 | 6.03241898 | 13.82 | 25.0875 |
| 5.68866898 | 14.47 | 28.9588 | 5.86065972 | 14.38 | 27.6591 | 6.03253472 | 13.8 | 25.1029 |
| 5.68878472 | 14.46 | 28.9812 | 5.86077546 | 14.38 | 27.6591 | 6.03265046 | 13.83 | 25.0833 |
| 5.68890046 | 14.47 | 28.9917 | 5.8608912 | 14.39 | 27.6603 | 6.0327662 | 13.82 | 25.0805 |
| 5.6890162 | 14.47 | 28.9887 | 5.86100694 | 14.38 | 27.6038 | 6.03288194 | 13.8 | 25.0865 |
| 5.68913194 | 14.47 | 28.9648 | 5.86112269 | 14.38 | 27.6066 | 6.03299769 | 13.86 | 25.2893 |
| 5.68924769 | 14.47 | 28.9707 | 5.86123843 | 14.4 | 27.7031 | 6.03311343 | 13.83 | 25.1067 |
| 5.68936343 | 14.46 | 29.0022 | 5.86135417 | 14.38 | 27.6149 | 6.03322917 | 13.83 | 25.1887 |
| 5.68947917 | 14.47 | 28.9588 | 5.86146991 | 14.39 | 27.6686 | 6.03334491 | 13.83 | 25.1981 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68959491 | 14.47 | 28.9678 | 5.86158565 | 14.38 | 27.6232 | 6.03346065 | 13.86 | 25.242 |
| 5.68971065 | 14.47 | 28.9528 | 5.86170139 | 14.39 | 27.7214 | 6.03357639 | 13.86 | 25.2161 |
| 5.68982639 | 14.47 | 28.9348 | 5.86181713 | 14.4 | 27.717 | 6.03369213 | 13.83 | 25.231 |
| 5.68994213 | 14.47 | 28.9348 | 5.86193287 | 14.4 | 27.7253 | 6.03380787 | 13.82 | 25.1506 |
| 5.69005787 | 14.47 | 28.9558 | 5.86204861 | 14.4 | 27.7504 | 6.03392361 | 13.86 | 25.463 |
| 5.69017361 | 14.47 | 28.9498 | 5.86216435 | 14.4 | 27.7309 | 6.03403935 | 13.87 | 25.5091 |
| 5.69028935 | 14.47 | 28.9438 | 5.86228009 | 14.4 | 27.7671 | 6.03415509 | 13.86 | 25.3462 |
| 5.69040509 | 14.47 | 28.9438 | 5.86239583 | 14.4 | 27.7031 | 6.03427083 | 13.84 | 25.2433 |
| 5.69052083 | 14.47 | 28.9498 | 5.86251157 | 14.39 | 27.7158 | 6.03438657 | 13.83 | 25.1863 |
| 5.69063657 | 14.47 | 28.9678 | 5.86262732 | 14.38 | 27.5708 | 6.03450232 | 13.84 | 25.357 |
| 5.69075232 | 14.46 | 29.0293 | 5.86274306 | 14.38 | 27.513 | 6.03461806 | 13.87 | 25.5427 |
| 5.69086806 | 14.47 | 28.9618 | 5.8628588 | 14.3 | 27.2619 | 6.0347338 | 13.86 | 25.4869 |
| 5.6909838 | 14.47 | 28.9618 | 5.86297454 | 14.28 | 27.222 | 6.03484954 | 13.86 | 25.4606 |
| 5.69109954 | 14.46 | 28.9542 | 5.86309028 | 14.28 | 27.2328 | 6.03496528 | 13.91 | 25.649 |
| 5.69121528 | 14.47 | 28.9797 | 5.86320602 | 14.31 | 27.3387 | 6.03508102 | 13.92 | 25.7517 |
| 5.69133102 | 14.47 | 28.9378 | 5.86332176 | 14.31 | 27.3116 | 6.03519676 | 13.94 | 25.7628 |
| 5.69144676 | 14.47 | 28.9618 | 5.8634375 | 14.31 | 27.3198 | 6.0353125 | 13.95 | 25.805 |
| 5.6915625 | 14.46 | 28.9602 | 5.86355324 | 14.3 | 27.2916 | 6.03542824 | 13.95 | 25.8099 |
| 5.69167824 | 14.47 | 28.9618 | 5.86366898 | 14.3 | 27.2619 | 6.03554398 | 13.91 | 25.649 |
| 5.69179398 | 14.46 | 28.9482 | 5.86378472 | 14.3 | 27.2673 | 6.03565972 | 13.94 | 25.7335 |
| 5.69190972 | 14.46 | 28.9692 | 5.86390046 | 14.28 | 27.2194 | 6.03577546 | 13.88 | 25.5602 |
| 5.69202546 | 14.47 | 28.9468 | 5.8640162 | 14.28 | 27.2328 | 6.0358912 | 13.88 | 25.652 |
| 5.6921412 | 14.46 | 28.9363 | 5.86413194 | 14.28 | 27.1817 | 6.03600694 | 13.86 | 25.4271 |
| 5.69225694 | 14.47 | 28.9408 | 5.86424769 | 14.28 | 27.1764 | 6.03612269 | 13.86 | 25.3177 |
| 5.69237269 | 14.47 | 28.9528 | 5.86436343 | 14.28 | 27.1925 | 6.03623843 | 13.84 | 25.2268 |
| 5.69248843 | 14.47 | 28.9678 | 5.86447917 | 14.28 | 27.1844 | 6.03635417 | 13.83 | 25.2146 |
| 5.69260417 | 14.47 | 28.9857 | 5.86459491 | 14.28 | 27.1952 | 6.03646991 | 13.83 | 25.1746 |
| 5.69271991 | 14.47 | 28.9588 | 5.86471065 | 14.28 | 27.1978 | 6.03658565 | 13.8 | 25.1707 |
| 5.69283565 | 14.46 | 28.9752 | 5.86482639 | 14.28 | 27.2194 | 6.03670139 | 13.8 | 25.1403 |
| 5.69295139 | 14.47 | 28.9558 | 5.86494213 | 14.27 | 27.2183 | 6.03681713 | 13.83 | 25.1676 |
| 5.69306713 | 14.47 | 28.9288 | 5.86505787 | 14.27 | 27.2049 | 6.03693287 | 13.8 | 25.1426 |
| 5.69318287 | 14.46 | 28.9602 | 5.86517361 | 14.27 | 27.1807 | 6.03704861 | 13.82 | 25.1506 |
| 5.69329861 | 14.47 | 28.9558 | 5.86528935 | 14.28 | 27.2086 | 6.03716435 | 13.82 | 25.167 |
| 5.69341435 | 14.46 | 28.9782 | 5.86540509 | 14.28 | 27.2113 | 6.03728009 | 13.82 | 25.1577 |
| 5.69353009 | 14.46 | 29.0473 | 5.86552083 | 14.27 | 27.2049 | 6.03739583 | 13.8 | 25.1637 |
| 5.69364583 | 14.46 | 29.0082 | 5.86563657 | 14.28 | 27.2005 | 6.03751157 | 13.82 | 25.1694 |
| 5.69376157 | 14.46 | 29.0052 | 5.86575232 | 14.28 | 27.2005 | 6.03762732 | 13.8 | 25.1942 |
| 5.69387732 | 14.46 | 29.0232 | 5.86586806 | 14.28 | 27.2032 | 6.03774306 | 13.82 | 25.1624 |
| 5.69399306 | 14.46 | 29.0714 | 5.8659838 | 14.27 | 27.1914 | 6.0378588 | 13.8 | 25.1543 |
| 5.6941088 | 14.46 | 29.0232 | 5.86609954 | 14.27 | 27.2237 | 6.03797454 | 13.8 | 25.1825 |
| 5.69422454 | 14.46 | 29.0895 | 5.86621528 | 14.28 | 27.2463 | 6.03809028 | 13.8 | 25.1637 |
| 5.69434028 | 14.46 | 29.0202 | 5.86633102 | 14.28 | 27.2706 | 6.03820602 | 13.82 | 25.153 |
| 5.69445602 | 14.46 | 29.0172 | 5.86644676 | 14.28 | 27.2949 | 6.03832176 | 13.83 | 25.1863 |
| 5.69457176 | 14.46 | 28.9962 | 5.8665625 | 14.3 | 27.2916 | 6.0384375 | 13.83 | 25.2546 |
| 5.6946875 | 14.47 | 28.9648 | 5.86667824 | 14.28 | 27.2652 | 6.03855324 | 13.82 | 25.1694 |
| 5.69480324 | 14.46 | 28.9962 | 5.86679398 | 14.28 | 27.2328 | 6.03866898 | 13.82 | 25.1788 |
| 5.69491898 | 14.44 | 28.9632 | 5.86690972 | 14.28 | 27.2436 | 6.03878472 | 13.83 | 25.2995 |
| 5.69503472 | 14.46 | 28.9303 | 5.86702546 | 14.28 | 27.2463 | 6.03890046 | 13.83 | 25.2028 |
| 5.69515046 | 14.46 | 28.9572 | 5.8671412 | 14.28 | 27.2059 | 6.0390162 | 13.83 | 25.231 |
| 5.6952662 | 14.47 | 28.9288 | 5.86725694 | 14.26 | 27.2173 | 6.03913194 | 13.83 | 25.2735 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69538194 | 14.46 | 28.9213 | 5.86737269 | 14.26 | 27.086 | 6.03924769 | 13.82 | 25.2211 |
| 5.69549769 | 14.47 | 28.9229 | 5.86748843 | 14.26 | 27.0913 | 6.03936343 | 13.83 | 25.3113 |
| 5.69561343 | 14.46 | 28.9453 | 5.86760417 | 14.24 | 27.1213 | 6.03947917 | 13.86 | 25.5518 |
| 5.69572917 | 14.46 | 28.9363 | 5.86771991 | 14.24 | 27.0733 | 6.03959491 | 13.88 | 25.6277 |
| 5.69584491 | 14.46 | 28.9363 | 5.86783565 | 14.26 | 27.2092 | 6.03971065 | 13.92 | 25.8545 |
| 5.69596065 | 14.46 | 28.9453 | 5.86795139 | 14.28 | 27.3328 | 6.03982639 | 13.88 | 25.5578 |
| 5.69607639 | 14.46 | 28.9303 | 5.86806713 | 14.28 | 27.4606 | 6.03994213 | 13.88 | 25.7199 |
| 5.69619213 | 14.46 | 28.9482 | 5.86818287 | 14.27 | 27.5115 | 6.04005787 | 13.92 | 25.8423 |
| 5.69630787 | 14.46 | 28.9363 | 5.86829861 | 14.27 | 27.3697 | 6.04017361 | 13.95 | 25.9058 |
| 5.69642361 | 14.46 | 28.9393 | 5.86841435 | 14.28 | 27.4116 | 6.04028935 | 13.94 | 25.8117 |
| 5.69653935 | 14.46 | 28.9363 | 5.86853009 | 14.28 | 27.3084 | 6.04040509 | 13.87 | 25.5091 |
| 5.69665509 | 14.44 | 28.9362 | 5.86864583 | 14.28 | 27.3138 | 6.04052083 | 13.83 | 25.2546 |
| 5.69677083 | 14.46 | 28.9183 | 5.86876157 | 14.28 | 27.4007 | 6.04063657 | 13.83 | 25.2263 |
| 5.69688657 | 14.46 | 28.8944 | 5.86887732 | 14.28 | 27.4606 | 6.04075232 | 13.83 | 25.2334 |
| 5.69700232 | 14.46 | 28.8915 | 5.86899306 | 14.3 | 27.4875 | 6.04086806 | 13.84 | 25.3048 |
| 5.69711806 | 14.46 | 28.8974 | 5.8691088 | 14.31 | 27.516 | 6.0409838 | 13.83 | 25.3161 |
| 5.6972338 | 14.46 | 28.9153 | 5.86922454 | 14.3 | 27.4383 | 6.04109954 | 13.83 | 25.2853 |
| 5.69734954 | 14.46 | 28.8885 | 5.86934028 | 14.28 | 27.3599 | 6.04121528 | 13.83 | 25.3185 |
| 5.69746528 | 14.44 | 28.9213 | 5.86945602 | 14.28 | 27.349 | 6.04133102 | 13.82 | 25.2187 |
| 5.69758102 | 14.44 | 28.9004 | 5.86957176 | 14.28 | 27.3762 | 6.04144676 | 13.82 | 25.2211 |
| 5.69769676 | 14.46 | 28.9124 | 5.8696875 | 14.28 | 27.3626 | 6.0415625 | 13.82 | 25.2258 |
| 5.6978125 | 14.44 | 28.9272 | 5.86980324 | 14.28 | 27.3708 | 6.04167824 | 13.82 | 25.2046 |
| 5.69792824 | 14.46 | 28.9064 | 5.86991898 | 14.28 | 27.3572 | 6.04179398 | 13.8 | 25.2012 |
| 5.69804398 | 14.46 | 28.9303 | 5.87003472 | 14.3 | 27.4192 | 6.04190972 | 13.83 | 25.2593 |
| 5.69815972 | 14.46 | 28.9303 | 5.87015046 | 14.3 | 27.4547 | 6.04202546 | 13.82 | 25.2046 |
| 5.69827546 | 14.44 | 28.9392 | 5.8702662 | 14.3 | 27.5039 | 6.0421412 | 13.8 | 25.2342 |
| 5.6983912 | 14.44 | 28.9422 | 5.87038194 | 14.31 | 27.5187 | 6.04225694 | 13.82 | 25.2046 |
| 5.69850694 | 14.44 | 28.9332 | 5.87049769 | 14.31 | 27.516 | 6.04237269 | 13.82 | 25.2329 |
| 5.69862269 | 14.44 | 28.9482 | 5.87061343 | 14.31 | 27.527 | 6.04248843 | 13.83 | 25.2216 |
| 5.69873843 | 14.44 | 28.9243 | 5.87072917 | 14.32 | 27.5418 | 6.04260417 | 13.82 | 25.2117 |
| 5.69885417 | 14.46 | 28.9064 | 5.87084491 | 14.32 | 27.5254 | 6.04271991 | 13.83 | 25.224 |
| 5.69896991 | 14.44 | 28.9213 | 5.87096065 | 14.31 | 27.5133 | 6.04283565 | 13.82 | 25.2659 |
| 5.69908565 | 14.44 | 29.0051 | 5.87107639 | 14.31 | 27.4996 | 6.04295139 | 13.83 | 25.2782 |
| 5.69920139 | 14.46 | 28.9782 | 5.87119213 | 14.31 | 27.516 | 6.04306713 | 13.83 | 25.2711 |
| 5.69931713 | 14.44 | 29.0081 | 5.87130787 | 14.31 | 27.5023 | 6.04318287 | 13.82 | 25.2517 |
| 5.69943287 | 14.46 | 28.9842 | 5.87142361 | 14.31 | 27.4859 | 6.04329861 | 13.83 | 25.2546 |
| 5.69954861 | 14.44 | 28.9961 | 5.87153935 | 14.31 | 27.4886 | 6.04341435 | 13.82 | 25.2612 |
| 5.69966435 | 14.46 | 28.9393 | 5.87165509 | 14.32 | 27.4433 | 6.04353009 | 13.8 | 25.2601 |
| 5.69978009 | 14.46 | 28.9423 | 5.87177083 | 14.34 | 27.6102 | 6.04364583 | 13.86 | 25.4702 |
| 5.69989583 | 14.44 | 28.9572 | 5.87188657 | 14.35 | 27.7555 | 6.04376157 | 13.92 | 25.8006 |
| 5.70001157 | 14.46 | 28.9183 | 5.87200232 | 14.36 | 27.8628 | 6.04387732 | 13.94 | 25.8534 |
| 5.70012732 | 14.44 | 28.9482 | 5.87211806 | 14.35 | 27.7305 | 6.04399306 | 13.91 | 25.6369 |
| 5.70024306 | 14.46 | 28.9243 | 5.8722338 | 14.32 | 27.5226 | 6.0441088 | 13.86 | 25.5037 |
| 5.7003588 | 14.44 | 28.9332 | 5.87234954 | 14.32 | 27.5254 | 6.04422454 | 13.87 | 25.6102 |
| 5.70047454 | 14.46 | 28.9034 | 5.87246528 | 14.32 | 27.5007 | 6.04434028 | 13.88 | 25.5457 |
| 5.70059028 | 14.46 | 28.9273 | 5.87258102 | 14.31 | 27.4421 | 6.04445602 | 13.92 | 25.7859 |
| 5.70070602 | 14.46 | 28.9393 | 5.87269676 | 14.31 | 27.4695 | 6.04457176 | 13.92 | 25.7127 |
| 5.70082176 | 14.44 | 28.9093 | 5.8728125 | 14.31 | 27.4312 | 6.0446875 | 13.9 | 25.6362 |
| 5.7009375 | 14.46 | 28.9094 | 5.87292824 | 14.31 | 27.4777 | 6.04480324 | 13.91 | 25.6659 |
| 5.70105324 | 14.46 | 28.74 | 5.87304398 | 14.31 | 27.4667 | 6.04491898 | 13.88 | 25.6036 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70116898 | 14.46 | 28.7193 | 5.87315972 | 14.31 | 27.3958 | 6.04503472 | 13.92 | 25.7054 |
| 5.70128472 | 14.46 | 28.6692 | 5.87327546 | 14.31 | 27.3822 | 6.04515046 | 13.86 | 25.4224 |
| 5.70140046 | 14.46 | 28.628 | 5.8733912 | 14.31 | 27.3686 | 6.0452662 | 13.87 | 25.5644 |
| 5.7015162 | 14.47 | 28.5298 | 5.87350694 | 14.31 | 27.3686 | 6.04538194 | 13.84 | 25.4236 |
| 5.70163194 | 14.46 | 28.5547 | 5.87362269 | 14.31 | 27.3985 | 6.04549769 | 13.86 | 25.4271 |
| 5.70174769 | 14.47 | 28.5356 | 5.87373843 | 14.31 | 27.3795 | 6.04561343 | 13.86 | 25.3438 |
| 5.70186343 | 14.47 | 28.5825 | 5.87385417 | 14.31 | 27.374 | 6.04572917 | 13.86 | 25.3509 |
| 5.70197917 | 14.46 | 28.5781 | 5.87396991 | 14.31 | 27.3713 | 6.04584491 | 13.86 | 25.3604 |
| 5.70209491 | 14.46 | 28.4323 | 5.87408565 | 14.3 | 27.3702 | 6.04596065 | 13.84 | 25.338 |
| 5.70221065 | 14.48 | 27.4396 | 5.87420139 | 14.31 | 27.3605 | 6.04607639 | 13.86 | 25.3771 |
| 5.70232639 | 14.5 | 27.2351 | 5.87431713 | 14.3 | 27.3974 | 6.04619213 | 13.84 | 25.395 |
| 5.70244213 | 14.5 | 26.9882 | 5.87443287 | 14.3 | 27.3702 | 6.04630787 | 13.86 | 25.3557 |
| 5.70255787 | 14.48 | 28.2444 | 5.87454861 | 14.3 | 27.3594 | 6.04642361 | 13.86 | 25.3438 |
| 5.70267361 | 14.5 | 27.3681 | 5.87466435 | 14.3 | 27.3974 | 6.04653935 | 13.86 | 25.3438 |
| 5.70278935 | 14.48 | 28.578 | 5.87478009 | 14.3 | 27.3702 | 6.04665509 | 13.86 | 25.3604 |
| 5.70290509 | 14.47 | 28.6089 | 5.87489583 | 14.3 | 27.3784 | 6.04677083 | 13.86 | 25.3557 |
| 5.70302083 | 14.47 | 28.706 | 5.87501157 | 14.28 | 27.3979 | 6.04688657 | 13.86 | 25.3795 |
| 5.70313657 | 14.47 | 28.2631 | 5.87512732 | 14.3 | 27.3865 | 6.04700232 | 13.86 | 25.3699 |
| 5.70325232 | 14.5 | 27.1488 | 5.87524306 | 14.3 | 27.3377 | 6.04711806 | 13.86 | 25.3795 |
| 5.70336806 | 14.5 | 27.7375 | 5.8753588 | 14.12 | 25.2258 | 6.0472338 | 13.84 | 25.395 |
| 5.7034838 | 14.51 | 26.9069 | 5.87547454 | 14.14 | 25.7861 | 6.04734954 | 13.84 | 25.3427 |
| 5.70359954 | 14.48 | 28.4875 | 5.87559028 | 14.24 | 26.9564 | 6.04746528 | 13.86 | 25.4104 |
| 5.70371528 | 14.51 | 26.8778 | 5.87570602 | 14.22 | 26.6843 | 6.04758102 | 13.84 | 25.4714 |
| 5.70383102 | 14.52 | 26.3736 | 5.87582176 | 14.26 | 27.1261 | 6.04769676 | 13.86 | 25.5229 |
| 5.70394676 | 14.54 | 25.7273 | 5.8759375 | 14.26 | 26.9876 | 6.0478125 | 13.86 | 25.5662 |
| 5.7040625 | 14.54 | 26.2452 | 5.87605324 | 14.24 | 26.9856 | 6.04792824 | 13.86 | 25.5229 |
| 5.70417824 | 14.51 | 26.5117 | 5.87616898 | 14.23 | 26.7374 | 6.04804398 | 13.87 | 25.5668 |
| 5.70429398 | 14.5 | 27.8242 | 5.87628472 | 14.26 | 27.2388 | 6.04815972 | 13.92 | 25.803 |
| 5.70440972 | 14.51 | 26.4807 | 5.87640046 | 14.27 | 27.3642 | 6.04827546 | 13.95 | 25.8516 |
| 5.70452546 | 14.52 | 26.492 | 5.8765162 | 14.27 | 27.2156 | 6.0483912 | 13.98 | 25.9375 |
| 5.7046412 | 14.51 | 27.3993 | 5.87663194 | 14.26 | 27.2065 | 6.04850694 | 13.94 | 25.6581 |
| 5.70475694 | 14.51 | 26.6024 | 5.87674769 | 14.28 | 27.3111 | 6.04862269 | 13.99 | 25.9061 |
| 5.70487269 | 14.52 | 26.5359 | 5.87686343 | 14.27 | 27.1995 | 6.04873843 | 13.99 | 25.9357 |
| 5.70498843 | 14.51 | 27.2389 | 5.87697917 | 14.24 | 26.93 | 6.04885417 | 13.99 | 25.9307 |
| 5.70510417 | 14.51 | 27.0053 | 5.87709491 | 14.24 | 26.8957 | 6.04896991 | 14 | 25.9166 |
| 5.70521991 | 14.5 | 27.9423 | 5.87721065 | 14.26 | 26.977 | 6.04908565 | 13.95 | 25.7757 |
| 5.70533565 | 14.5 | 27.2567 | 5.87732639 | 14.27 | 27.2695 | 6.04920139 | 13.92 | 25.6593 |
| 5.70545139 | 14.52 | 26.3046 | 5.87744213 | 14.28 | 27.4743 | 6.04931713 | 13.94 | 25.7116 |
| 5.70556713 | 14.52 | 26.5334 | 5.87755787 | 14.3 | 27.4683 | 6.04943287 | 13.95 | 25.8001 |
| 5.70568287 | 14.52 | 26.5282 | 5.87767361 | 14.3 | 27.5176 | 6.04954861 | 13.98 | 25.834 |
| 5.70579861 | 14.52 | 25.9388 | 5.87778935 | 14.28 | 27.4007 | 6.04966435 | 13.92 | 25.72 |
| 5.70591435 | 14.52 | 26.425 | 5.87790509 | 14.3 | 27.5231 | 6.04978009 | 13.87 | 25.5403 |
| 5.70603009 | 14.51 | 26.8461 | 5.87802083 | 14.3 | 27.4328 | 6.04989583 | 13.86 | 25.4869 |
| 5.70614583 | 14.5 | 27.2243 | 5.87813657 | 14.28 | 27.3789 | 6.05001157 | 13.86 | 25.4462 |
| 5.70626157 | 14.5 | 27.4145 | 5.87825232 | 14.28 | 27.3979 | 6.05012732 | 13.84 | 25.3879 |
| 5.70637732 | 14.51 | 27.1177 | 5.87836806 | 14.28 | 27.4034 | 6.05024306 | 13.84 | 25.4117 |
| 5.70649306 | 14.5 | 27.1461 | 5.8784838 | 14.28 | 27.3898 | 6.0503588 | 13.84 | 25.3831 |
| 5.7066088 | 14.5 | 27.1892 | 5.87859954 | 14.27 | 27.4077 | 6.05047454 | 13.84 | 25.3593 |
| 5.70672454 | 14.5 | 27.494 | 5.87871528 | 14.26 | 27.4066 | 6.05059028 | 13.84 | 25.3807 |
| 5.70684028 | 14.48 | 27.8581 | 5.87883102 | 14.27 | 27.4023 | 6.05070602 | 13.86 | 25.4057 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70695602 | 14.5 | 27.3355 | 5.87894676 | 14.27 | 27.4077 | 6.05082176 | 13.86 | 25.4271 |
| 5.70707176 | 14.51 | 26.6963 | 5.8790625 | 14.26 | 27.4039 | 6.0509375 | 13.86 | 25.5758 |
| 5.7071875 | 14.51 | 26.7277 | 5.87917824 | 14.26 | 27.4202 | 6.05105324 | 13.88 | 25.6423 |
| 5.70730324 | 14.5 | 28.2471 | 5.87929398 | 14.26 | 27.3171 | 6.05116898 | 13.94 | 25.7799 |
| 5.70741898 | 14.5 | 27.227 | 5.87940972 | 14.26 | 27.3009 | 6.05128472 | 13.9 | 25.6048 |
| 5.70753472 | 14.5 | 28.067 | 5.87952546 | 14.24 | 27.1856 | 6.05140046 | 13.96 | 25.9287 |
| 5.70765046 | 14.48 | 27.7993 | 5.8796412 | 14.26 | 27.1984 | 6.0515162 | 14 | 26.1179 |
| 5.7077662 | 14.5 | 27.1919 | 5.87975694 | 14.24 | 27.2394 | 6.05163194 | 14.02 | 26.1494 |
| 5.70788194 | 14.5 | 27.33 | 5.87987269 | 14.26 | 27.094 | 6.05174769 | 14 | 26.1304 |
| 5.70799769 | 14.48 | 27.7462 | 5.87998843 | 14.24 | 27.1561 | 6.05186343 | 13.96 | 25.9558 |
| 5.70811343 | 14.5 | 27.855 | 5.88010417 | 14.24 | 27.1534 | 6.05197917 | 13.98 | 25.9523 |
| 5.70822917 | 14.48 | 28.2731 | 5.88021991 | 14.26 | 27.11 | 6.05209491 | 13.99 | 26.2049 |
| 5.70834491 | 14.48 | 27.9652 | 5.88033565 | 14.26 | 27.2011 | 6.05221065 | 13.96 | 25.904 |
| 5.70846065 | 14.5 | 27.5435 | 5.88045139 | 14.24 | 27.2286 | 6.05232639 | 13.95 | 25.891 |
| 5.70857639 | 14.5 | 27.6458 | 5.88056713 | 14.24 | 27.191 | 6.05244213 | 13.96 | 25.941 |
| 5.70869213 | 14.52 | 25.657 | 5.88068287 | 14.26 | 27.1635 | 6.05255787 | 13.98 | 25.9498 |
| 5.70880787 | 14.55 | 24.8293 | 5.88079861 | 14.24 | 27.0733 | 6.05267361 | 13.95 | 25.8295 |
| 5.70892361 | 14.56 | 24.5606 | 5.88091435 | 14.24 | 27.1615 | 6.05278935 | 13.98 | 25.8832 |
| 5.70903935 | 14.51 | 27.3993 | 5.88103009 | 14.24 | 27.2394 | 6.05290509 | 14 | 26.0655 |
| 5.70915509 | 14.48 | 27.9285 | 5.88114583 | 14.26 | 27.1154 | 6.05302083 | 14 | 26.0281 |
| 5.70927083 | 14.48 | 28.0388 | 5.88126157 | 14.24 | 27.1294 | 6.05313657 | 14 | 25.9463 |
| 5.70938657 | 14.48 | 28.3626 | 5.88137732 | 14.24 | 27.0893 | 6.05325232 | 13.99 | 25.9678 |
| 5.70950232 | 14.52 | 25.8269 | 5.88149306 | 14.24 | 27.0893 | 6.05336806 | 14 | 25.9735 |
| 5.70961806 | 14.56 | 24.3409 | 5.8816088 | 14.24 | 27.0573 | 6.0534838 | 13.99 | 25.8691 |
| 5.7097338 | 14.52 | 26.7026 | 5.88172454 | 14.24 | 27.0227 | 6.05359954 | 13.99 | 25.9258 |
| 5.70984954 | 14.5 | 27.13 | 5.88184028 | 14.24 | 27.076 | 6.05371528 | 13.99 | 25.9307 |
| 5.70996528 | 14.51 | 26.2782 | 5.88195602 | 14.24 | 27.0653 | 6.05383102 | 13.98 | 25.6752 |
| 5.71008102 | 14.5 | 27.8074 | 5.88207176 | 14.24 | 27.052 | 6.05394676 | 13.91 | 25.2778 |
| 5.71019676 | 14.5 | 26.4901 | 5.8821875 | 14.24 | 27.052 | 6.0540625 | 13.88 | 25.1256 |
| 5.7103125 | 14.54 | 25.7939 | 5.88230324 | 14.23 | 27.1604 | 6.05417824 | 13.87 | 25.069 |
| 5.71042824 | 14.54 | 25.6488 | 5.88241898 | 14.23 | 27.1283 | 6.05429398 | 13.9 | 25.1665 |
| 5.71054398 | 14.54 | 25.2237 | 5.88253472 | 14.24 | 27.0546 | 6.05440972 | 13.9 | 25.1547 |
| 5.71065972 | 14.55 | 24.827 | 5.88265046 | 14.22 | 26.8595 | 6.05452546 | 13.9 | 25.1407 |
| 5.71077546 | 14.54 | 25.8087 | 5.8827662 | 14.23 | 27.0723 | 6.0546412 | 13.92 | 25.2217 |
| 5.7108912 | 14.52 | 26.3301 | 5.88288194 | 14.23 | 27.0936 | 6.05475694 | 13.92 | 25.2689 |
| 5.71100694 | 14.52 | 26.3916 | 5.88299769 | 14.23 | 27.0031 | 6.05487269 | 13.92 | 25.2099 |
| 5.71112269 | 14.52 | 26.3864 | 5.88311343 | 14.24 | 27.3312 | 6.05498843 | 13.92 | 25.2476 |
| 5.71123843 | 14.52 | 26.5722 | 5.88322917 | 14.24 | 27.3312 | 6.05510417 | 13.92 | 25.2122 |
| 5.71135417 | 14.51 | 26.7094 | 5.88334491 | 14.24 | 27.2825 | 6.05521991 | 13.92 | 25.217 |
| 5.71146991 | 14.52 | 26.1825 | 5.88346065 | 14.23 | 27.2249 | 6.05533565 | 13.92 | 25.2005 |
| 5.71158565 | 14.52 | 26.4791 | 5.88357639 | 14.23 | 27.4006 | 6.05545139 | 13.94 | 25.3911 |
| 5.71170139 | 14.54 | 26.1919 | 5.88369213 | 14.23 | 27.3708 | 6.05556713 | 13.96 | 25.565 |
| 5.71181713 | 14.52 | 25.8022 | 5.88380787 | 14.23 | 27.2896 | 6.05568287 | 13.98 | 25.6122 |
| 5.71193287 | 14.55 | 25.6128 | 5.88392361 | 14.23 | 27.241 | 6.05579861 | 13.96 | 25.5843 |
| 5.71204861 | 14.54 | 26.4243 | 5.88403935 | 14.24 | 27.3366 | 6.05591435 | 13.98 | 25.7117 |
| 5.71216435 | 14.52 | 26.5437 | 5.88415509 | 14.08 | 24.3459 | 6.05603009 | 13.98 | 25.6752 |
| 5.71228009 | 14.51 | 26.7461 | 5.88427083 | 14.04 | 23.9916 | 6.05614583 | 13.99 | 25.8347 |
| 5.71239583 | 14.51 | 26.9361 | 5.88438657 | 14.22 | 27.2481 | 6.05626157 | 13.98 | 25.6073 |
| 5.71251157 | 14.51 | 26.6806 | 5.88450232 | 14.15 | 25.91 | 6.05637732 | 14 | 26.0555 |
| 5.71262732 | 14.54 | 26.0305 | 5.88461806 | 14.22 | 27.2993 | 6.05649306 | 14 | 25.9092 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71274306 | 14.52 | 26.3762 | 5.8847338 | 14.24 | 27.3854 | 6.0566088 | 13.99 | 25.8839 |
| 5.7128588 | 14.51 | 27.1526 | 5.88484954 | 14.24 | 27.3827 | 6.05672454 | 14.02 | 26.1069 |
| 5.71297454 | 14.5 | 27.2757 | 5.88496528 | 14.24 | 27.4945 | 6.05684028 | 14.02 | 26.1695 |
| 5.71309028 | 14.51 | 27.1849 | 5.88508102 | 14.28 | 27.5538 | 6.05695602 | 14.02 | 26.1269 |
| 5.71320602 | 14.51 | 26.9282 | 5.88519676 | 14.28 | 27.5785 | 6.05707176 | 14.03 | 26.1552 |
| 5.71332176 | 14.51 | 27 | 5.8853125 | 14.26 | 27.5076 | 6.0571875 | 14.03 | 26.1853 |
| 5.7134375 | 14.51 | 26.8329 | 5.88542824 | 14.27 | 27.5389 | 6.05730324 | 14.03 | 26.2432 |
| 5.71355324 | 14.54 | 26.0656 | 5.88554398 | 14.27 | 27.5416 | 6.05741898 | 13.99 | 25.874 |
| 5.71366898 | 14.51 | 26.7724 | 5.88565972 | 14.26 | 27.5076 | 6.05753472 | 14 | 25.9142 |
| 5.71378472 | 14.5 | 27.3654 | 5.88577546 | 14.24 | 27.4999 | 6.05765046 | 14 | 25.9859 |
| 5.71390046 | 14.5 | 27.4583 | 5.8858912 | 14.26 | 27.4721 | 6.0577662 | 14.03 | 26.1677 |
| 5.7140162 | 14.5 | 27.5573 | 5.88600694 | 14.24 | 27.4699 | 6.05788194 | 14.06 | 26.291 |
| 5.71413194 | 14.5 | 27.483 | 5.88612269 | 14.23 | 27.4061 | 6.05799769 | 14.04 | 26.2062 |
| 5.71424769 | 14.5 | 27.3056 | 5.88623843 | 14.22 | 27.3697 | 6.05811343 | 14.03 | 26.2634 |
| 5.71436343 | 14.5 | 27.4501 | 5.88635417 | 14.22 | 27.3751 | 6.05822917 | 14.02 | 25.8589 |
| 5.71447917 | 14.48 | 27.9285 | 5.88646991 | 14.22 | 27.3968 | 6.05834491 | 14.03 | 26.1351 |
| 5.71459491 | 14.52 | 25.8765 | 5.88658565 | 14.2 | 27.3703 | 6.05846065 | 14.04 | 26.2364 |
| 5.71471065 | 14.52 | 25.8468 | 5.88670139 | 14.2 | 27.3757 | 6.05857639 | 14.04 | 26.1685 |
| 5.71482639 | 14.51 | 26.6311 | 5.88681713 | 14.2 | 27.3567 | 6.05869213 | 14.02 | 25.9849 |
| 5.71494213 | 14.51 | 27.0453 | 5.88693287 | 14.19 | 27.159 | 6.05880787 | 14 | 25.9909 |
| 5.71505787 | 14.51 | 26.491 | 5.88704861 | 14.22 | 27.2939 | 6.05892361 | 14.04 | 26.2768 |
| 5.71517361 | 14.51 | 26.7225 | 5.88716435 | 14.2 | 27.2191 | 6.05903935 | 14.06 | 26.291 |
| 5.71528935 | 14.52 | 26.3916 | 5.88728009 | 14.19 | 26.9383 | 6.05915509 | 14.04 | 26.2137 |
| 5.71540509 | 14.52 | 25.6081 | 5.88739583 | 14.19 | 27.0204 | 6.05927083 | 14.03 | 26.0901 |
| 5.71552083 | 14.52 | 26.0891 | 5.88751157 | 14.19 | 26.8068 | 6.05938657 | 14.03 | 26.0627 |
| 5.71563657 | 14.51 | 26.4138 | 5.88762732 | 14.19 | 26.7624 | 6.05950232 | 14.02 | 26.0819 |
| 5.71575232 | 14.52 | 25.6301 | 5.88774306 | 14.19 | 26.8988 | 6.05961806 | 14 | 25.9216 |
| 5.71586806 | 14.51 | 26.5402 | 5.8878588 | 14.2 | 26.813 | 6.0597338 | 13.96 | 25.7421 |
| 5.7159838 | 14.52 | 25.8047 | 5.88797454 | 14.19 | 26.8147 | 6.05984954 | 13.95 | 25.6515 |
| 5.71609954 | 14.52 | 25.7479 | 5.88809028 | 14.18 | 26.3948 | 6.05996528 | 13.96 | 25.8106 |
| 5.71621528 | 14.54 | 25.6292 | 5.88820602 | 14.18 | 26.4716 | 6.06008102 | 13.99 | 25.8863 |
| 5.71633102 | 14.51 | 27.372 | 5.88832176 | 14.18 | 26.5926 | 6.06019676 | 13.99 | 25.8987 |
| 5.71644676 | 14.51 | 25.7275 | 5.8884375 | 14.22 | 27.2858 | 6.0603125 | 13.99 | 25.9011 |
| 5.7165625 | 14.54 | 25.5731 | 5.88855324 | 14.22 | 27.0659 | 6.06042824 | 13.99 | 25.7954 |
| 5.71667824 | 14.54 | 25.4107 | 5.88866898 | 14.19 | 26.9754 | 6.06054398 | 13.96 | 25.6885 |
| 5.71679398 | 14.55 | 24.8944 | 5.88878472 | 14.18 | 26.6262 | 6.06065972 | 13.95 | 25.7537 |
| 5.71690972 | 14.55 | 25.0986 | 5.88890046 | 14.2 | 27.1146 | 6.06077546 | 13.96 | 25.6837 |
| 5.71702546 | 14.54 | 25.1098 | 5.8890162 | 14.2 | 26.9737 | 6.0608912 | 13.94 | 25.5976 |
| 5.7171412 | 14.55 | 25.0845 | 5.88913194 | 14.2 | 27.0959 | 6.06100694 | 13.95 | 25.7025 |
| 5.71725694 | 14.54 | 24.7685 | 5.88924769 | 14.23 | 27.2977 | 6.06112269 | 13.94 | 25.6242 |
| 5.71737269 | 14.55 | 24.4827 | 5.88936343 | 14.23 | 27.3328 | 6.06123843 | 13.95 | 25.6952 |
| 5.71748843 | 14.55 | 24.5806 | 5.88947917 | 14.24 | 27.3691 | 6.06135417 | 13.96 | 25.7275 |
| 5.71760417 | 14.55 | 24.6906 | 5.88959491 | 14.24 | 27.3176 | 6.06146991 | 14 | 26.0555 |
| 5.71771991 | 14.54 | 25.169 | 5.88971065 | 14.24 | 27.361 | 6.06158565 | 14 | 26.0555 |
| 5.71783565 | 14.54 | 25.4614 | 5.88982639 | 14.24 | 27.3339 | 6.06170139 | 14 | 26.0008 |
| 5.71795139 | 14.54 | 25.1193 | 5.88994213 | 14.23 | 27.3193 | 6.06181713 | 14.03 | 26.1126 |
| 5.71806713 | 14.55 | 24.7159 | 5.89005787 | 14.23 | 27.2815 | 6.06193287 | 14.02 | 25.9551 |
| 5.71818287 | 14.55 | 24.6195 | 5.89017361 | 14.22 | 27.2858 | 6.06204861 | 14.02 | 25.9997 |
| 5.71829861 | 14.54 | 26.4965 | 5.89028935 | 14.22 | 27.275 | 6.06216435 | 14.03 | 26.1451 |
| 5.71841435 | 14.54 | 25.0602 | 5.89040509 | 14.22 | 27.2696 | 6.06228009 | 14.03 | 26.1477 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71853009 | 14.55 | 24.7367 | 5.89052083 | 14.22 | 27.1996 | 6.06239583 | 14.03 | 26.1201 |
| 5.71864583 | 14.55 | 24.6952 | 5.89063657 | 14.2 | 27.152 | 6.06251157 | 14.02 | 26.0619 |
| 5.71876157 | 14.55 | 24.9692 | 5.89075232 | 14.2 | 27.136 | 6.06262732 | 14.02 | 26.0944 |
| 5.71887732 | 14.55 | 24.7413 | 5.89086806 | 14.2 | 27.1761 | 6.06274306 | 14.03 | 26.1276 |
| 5.71899306 | 14.54 | 26.4629 | 5.8909838 | 14.19 | 27.1912 | 6.0628588 | 14.04 | 26.2869 |
| 5.7191088 | 14.52 | 26.4507 | 5.89109954 | 14.19 | 27.135 | 6.06297454 | 14.04 | 26.1961 |
| 5.71922454 | 14.52 | 26.2689 | 5.89121528 | 14.19 | 27.1269 | 6.06309028 | 14.03 | 26.1677 |
| 5.71934028 | 14.54 | 24.6832 | 5.89133102 | 14.19 | 27.1216 | 6.06320602 | 14.03 | 26.1176 |
| 5.71945602 | 14.54 | 25.1335 | 5.89144676 | 14.19 | 27.0709 | 6.06332176 | 14.03 | 26.1527 |
| 5.71957176 | 14.55 | 24.8968 | 5.8915625 | 14.19 | 27.143 | 6.0634375 | 14.04 | 26.2616 |
| 5.7196875 | 14.54 | 24.6878 | 5.89167824 | 14.19 | 27.0976 | 6.06355324 | 14.07 | 26.4674 |
| 5.71980324 | 14.54 | 25.3025 | 5.89179398 | 14.2 | 26.9869 | 6.06366898 | 14.08 | 26.5272 |
| 5.71991898 | 14.54 | 25.4493 | 5.89190972 | 14.2 | 26.9024 | 6.06378472 | 14.1 | 26.493 |
| 5.72003472 | 14.55 | 24.6034 | 5.89202546 | 14.2 | 26.8866 | 6.06390046 | 14.08 | 26.4427 |
| 5.72015046 | 14.54 | 24.6304 | 5.8921412 | 14.2 | 26.8393 | 6.0640162 | 14.1 | 26.4776 |
| 5.7202662 | 14.55 | 24.6814 | 5.89225694 | 14.2 | 26.9446 | 6.06413194 | 14.1 | 26.5264 |
| 5.72038194 | 14.51 | 25.6759 | 5.89237269 | 14.2 | 26.8419 | 6.06424769 | 14.1 | 26.5084 |
| 5.72049769 | 14.51 | 26.2425 | 5.89248843 | 14.19 | 26.6453 | 6.06436343 | 14.1 | 26.5007 |
| 5.72061343 | 14.54 | 25.4638 | 5.89260417 | 14.19 | 26.475 | 6.06447917 | 14.07 | 26.4495 |
| 5.72072917 | 14.55 | 24.5395 | 5.89271991 | 14.19 | 26.5136 | 6.06459491 | 14.1 | 26.4674 |
| 5.72084491 | 14.55 | 24.3742 | 5.89283565 | 14.19 | 26.4366 | 6.06471065 | 14.1 | 26.5033 |
| 5.72096065 | 14.52 | 27.1 | 5.89295139 | 14.19 | 26.2483 | 6.06482639 | 14.11 | 26.499 |
| 5.72107639 | 14.52 | 26.6242 | 5.89306713 | 14.19 | 26.4596 | 6.06494213 | 14.11 | 26.6252 |
| 5.72119213 | 14.52 | 26.4971 | 5.89318287 | 14.2 | 26.4785 | 6.06505787 | 14.12 | 26.6468 |
| 5.72130787 | 14.51 | 27.6276 | 5.89329861 | 14.2 | 26.4836 | 6.06517361 | 14.12 | 26.6623 |
| 5.72142361 | 14.51 | 26.6859 | 5.89341435 | 14.19 | 26.4366 | 6.06528935 | 14.11 | 26.4708 |
| 5.72153935 | 14.54 | 26.038 | 5.89353009 | 14.16 | 25.8737 | 6.06540509 | 14.07 | 26.2539 |
| 5.72165509 | 14.54 | 25.8063 | 5.89364583 | 14.18 | 26.2576 | 6.06552083 | 14.07 | 26.307 |
| 5.72177083 | 14.54 | 25.6635 | 5.89376157 | 14.18 | 26.1517 | 6.06563657 | 14.08 | 26.3636 |
| 5.72188657 | 14.54 | 25.2213 | 5.89387732 | 14.16 | 25.675 | 6.06575232 | 14.07 | 26.2893 |
| 5.72200232 | 14.51 | 28.0484 | 5.89399306 | 14.18 | 25.9123 | 6.06586806 | 14.07 | 26.3654 |
| 5.72211806 | 14.51 | 27.5062 | 5.8941088 | 14.19 | 26.2104 | 6.0659838 | 14.08 | 26.4452 |
| 5.7222338 | 14.54 | 25.3745 | 5.89422454 | 14.2 | 26.1911 | 6.06609954 | 14.07 | 26.307 |
| 5.72234954 | 14.52 | 26.389 | 5.89434028 | 14.18 | 26.0016 | 6.06621528 | 14.07 | 26.4138 |
| 5.72246528 | 14.51 | 25.8336 | 5.89445602 | 14.19 | 26.0473 | 6.06633102 | 14.04 | 26.2238 |
| 5.72258102 | 14.55 | 24.2017 | 5.89457176 | 14.19 | 26.0248 | 6.06644676 | 14.07 | 26.3146 |
| 5.72269676 | 14.55 | 23.8299 | 5.8946875 | 14.19 | 26.0948 | 6.0665625 | 14.08 | 26.3967 |
| 5.7228125 | 14.56 | 24.1133 | 5.89480324 | 14.2 | 26.0805 | 6.06667824 | 14.07 | 26.4367 |
| 5.72292824 | 14.55 | 24.663 | 5.89491898 | 14.22 | 26.1097 | 6.06679398 | 14.08 | 26.3967 |
| 5.72304398 | 14.55 | 24.0378 | 5.89503472 | 14.22 | 26.0072 | 6.06690972 | 14.08 | 26.4682 |
| 5.72315972 | 14.54 | 25.3818 | 5.89515046 | 14.22 | 26.1373 | 6.06702546 | 14.08 | 26.4606 |
| 5.72327546 | 14.56 | 23.8043 | 5.8952662 | 14.22 | 26.1801 | 6.0671412 | 14.08 | 26.4529 |
| 5.7233912 | 14.58 | 23.481 | 5.89538194 | 14.2 | 26.5789 | 6.06725694 | 14.07 | 26.3095 |
| 5.72350694 | 14.56 | 23.5462 | 5.89549769 | 14.2 | 26.6228 | 6.06737269 | 14.07 | 26.4112 |
| 5.72362269 | 14.52 | 26.9292 | 5.89561343 | 14.2 | 26.4836 | 6.06748843 | 14.06 | 26.2733 |
| 5.72373843 | 14.55 | 24.739 | 5.89572917 | 14.22 | 26.3906 | 6.06760417 | 14.06 | 26.2935 |
| 5.72385417 | 14.52 | 27.7959 | 5.89584491 | 14.22 | 26.2179 | 6.06771991 | 14.04 | 26.2389 |
| 5.72396991 | 14.55 | 24.0863 | 5.89596065 | 14.2 | 26.1558 | 6.06783565 | 14.04 | 26.2162 |
| 5.72408565 | 14.58 | 23.2639 | 5.89607639 | 14.22 | 26.2837 | 6.06795139 | 14.03 | 26.2054 |
| 5.72420139 | 14.56 | 23.559 | 5.89619213 | 14.2 | 26.073 | 6.06806713 | 14.04 | 26.2515 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72431713 | 14.51 | 28.5443 | 5.89630787 | 14.2 | 26.0655 | 6.06818287 | 14.04 | 26.3097 |
| 5.72443287 | 14.5 | 29.0054 | 5.89642361 | 14.2 | 26.1961 | 6.06829861 | 14.06 | 26.3214 |
| 5.72454861 | 14.5 | 28.6986 | 5.89653935 | 14.2 | 26.0931 | 6.06841435 | 14.06 | 26.39 |
| 5.72466435 | 14.54 | 25.3577 | 5.89665509 | 14.2 | 26.073 | 6.06853009 | 14.06 | 26.3366 |
| 5.72478009 | 14.52 | 27.2807 | 5.89677083 | 14.19 | 26.1299 | 6.06864583 | 14.1 | 26.5264 |
| 5.72489583 | 14.52 | 27.2211 | 5.89688657 | 14.19 | 26.3931 | 6.06876157 | 14.1 | 26.5856 |
| 5.72501157 | 14.54 | 25.1904 | 5.89700232 | 14.19 | 26.0698 | 6.06887732 | 14.11 | 26.7134 |
| 5.72512732 | 14.54 | 25.401 | 5.89711806 | 14.19 | 25.9155 | 6.06899306 | 14.1 | 26.6891 |
| 5.72524306 | 14.52 | 27.4032 | 5.8972338 | 14.19 | 26.0298 | 6.0691088 | 14.1 | 26.7047 |
| 5.7253588 | 14.51 | 28.2916 | 5.89734954 | 14.19 | 26.3193 | 6.06922454 | 14.12 | 26.7247 |
| 5.72547454 | 14.51 | 27.6609 | 5.89746528 | 14.19 | 26.5419 | 6.06934028 | 14.12 | 26.782 |
| 5.72559028 | 14.55 | 23.6636 | 5.89758102 | 14.19 | 26.6582 | 6.06945602 | 14.12 | 26.6597 |
| 5.72570602 | 14.56 | 23.8325 | 5.89769676 | 14.19 | 26.5987 | 6.06957176 | 14.12 | 26.6831 |
| 5.72582176 | 14.52 | 26.4121 | 5.8978125 | 14.18 | 26.321 | 6.0696875 | 14.12 | 26.7768 |
| 5.7259375 | 14.54 | 26.9154 | 5.89792824 | 14.18 | 26.4357 | 6.06980324 | 14.12 | 26.6857 |
| 5.72605324 | 14.52 | 27.2644 | 5.89804398 | 14.16 | 26.7779 | 6.06991898 | 14.12 | 26.6002 |
| 5.72616898 | 14.52 | 26.325 | 5.89815972 | 14.18 | 26.7902 | 6.07003472 | 14.11 | 26.6123 |
| 5.72628472 | 14.52 | 26.9824 | 5.89827546 | 14.16 | 26.493 | 6.07015046 | 14.12 | 26.6313 |
| 5.72640046 | 14.52 | 25.5911 | 5.8983912 | 14.18 | 26.8689 | 6.0702662 | 14.1 | 26.5315 |
| 5.7265162 | 14.51 | 27.8086 | 5.89850694 | 14.16 | 27.0281 | 6.07038194 | 14.08 | 26.4299 |
| 5.72663194 | 14.54 | 24.8659 | 5.89862269 | 14.18 | 27.0035 | 6.07049769 | 14.07 | 26.3934 |
| 5.72674769 | 14.56 | 24.3567 | 5.89873843 | 14.18 | 27.0433 | 6.07061343 | 14.04 | 26.3503 |
| 5.72686343 | 14.55 | 24.7714 | 5.89885417 | 14.18 | 27.0566 | 6.07072917 | 14.07 | 26.4316 |
| 5.72697917 | 14.55 | 24.6332 | 5.89896991 | 14.18 | 27.0832 | 6.07084491 | 14.03 | 26.3064 |
| 5.72709491 | 14.55 | 25.8417 | 5.89908565 | 14.18 | 27.0832 | 6.07096065 | 14.03 | 26.1376 |
| 5.72721065 | 14.52 | 26.8366 | 5.89920139 | 14.16 | 26.9883 | 6.07107639 | 13.88 | 25.635 |
| 5.72732639 | 14.56 | 23.9701 | 5.89931713 | 14.16 | 26.917 | 6.07119213 | 13.86 | 25.5469 |
| 5.72744213 | 14.54 | 25.9654 | 5.89943287 | 14.16 | 27.1373 | 6.07130787 | 13.87 | 25.6006 |
| 5.72755787 | 14.54 | 25.5633 | 5.89954861 | 14.16 | 27.1506 | 6.07142361 | 13.87 | 25.6126 |
| 5.72767361 | 14.52 | 26.2409 | 5.89966435 | 14.18 | 27.1634 | 6.07153935 | 13.86 | 25.4845 |
| 5.72778935 | 14.51 | 26.8408 | 5.89978009 | 14.18 | 27.166 | 6.07165509 | 13.86 | 25.4917 |
| 5.72790509 | 14.51 | 27.0293 | 5.89989583 | 14.16 | 27.1667 | 6.07177083 | 13.86 | 25.5782 |
| 5.72802083 | 14.54 | 25.9729 | 5.90001157 | 14.16 | 27.1506 | 6.07188657 | 13.87 | 25.6006 |
| 5.72813657 | 14.54 | 25.3121 | 5.90012732 | 14.15 | 27.1443 | 6.07200232 | 13.87 | 25.6489 |
| 5.72825232 | 14.56 | 23.28 | 5.90024306 | 14.15 | 26.9029 | 6.07211806 | 13.88 | 25.6883 |
| 5.72836806 | 14.58 | 23.2514 | 5.9003588 | 14.14 | 27.1326 | 6.0722338 | 13.88 | 25.6835 |
| 5.7284838 | 14.55 | 25.7232 | 5.90047454 | 14.15 | 27.059 | 6.07234954 | 13.88 | 25.6932 |
| 5.72859954 | 14.55 | 25.2054 | 5.90059028 | 14.14 | 27.1059 | 6.07246528 | 13.9 | 25.7163 |
| 5.72871528 | 14.56 | 23.7545 | 5.90070602 | 14.14 | 27.0873 | 6.07258102 | 13.91 | 25.7389 |
| 5.72883102 | 14.54 | 26.0229 | 5.90082176 | 14.15 | 27.0803 | 6.07269676 | 13.91 | 25.7706 |
| 5.72894676 | 14.54 | 26.2528 | 5.9009375 | 14.14 | 27.0394 | 6.0728125 | 13.91 | 25.7975 |
| 5.7290625 | 14.54 | 24.2525 | 5.90105324 | 14.14 | 27.0633 | 6.07292824 | 13.92 | 25.7835 |
| 5.72917824 | 14.56 | 23.6318 | 5.90116898 | 14.12 | 26.9897 | 6.07304398 | 13.88 | 25.6398 |
| 5.72929398 | 14.56 | 23.621 | 5.90128472 | 14.12 | 27.0454 | 6.07315972 | 13.88 | 25.5698 |
| 5.72940972 | 14.56 | 24.4289 | 5.90140046 | 14.14 | 27.0261 | 6.07327546 | 13.87 | 25.6175 |
| 5.72952546 | 14.55 | 24.4261 | 5.9015162 | 14.12 | 26.9395 | 6.0733912 | 13.86 | 25.6193 |
| 5.7296412 | 14.55 | 24.7275 | 5.90163194 | 14.12 | 26.8501 | 6.07350694 | 13.88 | 25.6641 |
| 5.72975694 | 14.56 | 25.1965 | 5.90174769 | 14.12 | 26.9475 | 6.07362269 | 13.92 | 25.8889 |
| 5.72987269 | 14.54 | 25.7643 | 5.90186343 | 14.12 | 27.0534 | 6.07373843 | 13.91 | 25.7633 |
| 5.72998843 | 14.55 | 25.1223 | 5.90197917 | 14.11 | 27.0683 | 6.07385417 | 13.88 | 25.6811 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73010417 | 14.54 | 26.286 | 5.90209491 | 14.12 | 26.9501 | 6.07396991 | 13.92 | 25.8226 |
| 5.73021991 | 14.55 | 25.1128 | 5.90221065 | 14.11 | 26.5658 | 6.07408565 | 13.94 | 25.9421 |
| 5.73033565 | 14.55 | 24.5281 | 5.90232639 | 14.12 | 26.9527 | 6.07420139 | 14.03 | 26.4743 |
| 5.73045139 | 14.55 | 25.6863 | 5.90244213 | 14.12 | 26.9765 | 6.07431713 | 14.1 | 26.7593 |
| 5.73056713 | 14.52 | 27.4634 | 5.90255787 | 14.11 | 27.0259 | 6.07443287 | 14.1 | 26.7333 |
| 5.73068287 | 14.5 | 28.5985 | 5.90267361 | 14.11 | 27.087 | 6.07454861 | 14.08 | 26.6226 |
| 5.73079861 | 14.51 | 28.6 | 5.90278935 | 14.1 | 27.1073 | 6.07466435 | 14.06 | 26.3926 |
| 5.73091435 | 14.5 | 28.4495 | 5.90290509 | 14.1 | 27.1046 | 6.07478009 | 14.06 | 26.418 |
| 5.73103009 | 14.51 | 27 | 5.90302083 | 14.11 | 27.0179 | 6.07489583 | 14.1 | 26.6865 |
| 5.73114583 | 14.55 | 24.8246 | 5.90313657 | 14.1 | 26.9429 | 6.07501157 | 14.08 | 26.5375 |
| 5.73126157 | 14.55 | 24.4306 | 5.90325232 | 14.08 | 26.4248 | 6.07512732 | 14.08 | 26.6588 |
| 5.73137732 | 14.56 | 24.7627 | 5.90336806 | 14.08 | 26.237 | 6.07524306 | 14.11 | 26.7759 |
| 5.73149306 | 14.55 | 23.625 | 5.9034838 | 14.06 | 25.6391 | 6.0753588 | 14.12 | 26.782 |
| 5.7316088 | 14.56 | 23.5718 | 5.90359954 | 14.08 | 26.5504 | 6.07547454 | 14.12 | 26.7899 |
| 5.73172454 | 14.55 | 24.709 | 5.90371528 | 14.07 | 25.2655 | 6.07559028 | 14.12 | 26.8003 |
| 5.73184028 | 14.52 | 28.0355 | 5.90383102 | 14.04 | 23.9328 | 6.07570602 | 14.14 | 26.7917 |
| 5.73195602 | 14.54 | 26.0732 | 5.90394676 | 14.03 | 23.6594 | 6.07582176 | 14.14 | 26.8231 |
| 5.73207176 | 14.52 | 27.4196 | 5.9040625 | 14.04 | 24.0221 | 6.0759375 | 14.14 | 26.8153 |
| 5.7321875 | 14.54 | 25.8509 | 5.90417824 | 14.06 | 24.1897 | 6.07605324 | 14.12 | 26.8213 |
| 5.73230324 | 14.51 | 28.2513 | 5.90429398 | 14.07 | 24.2854 | 6.07616898 | 14.15 | 26.79 |
| 5.73241898 | 14.5 | 28.5282 | 5.90440972 | 14.06 | 24.0512 | 6.07628472 | 14.14 | 26.7552 |
| 5.73253472 | 14.52 | 26.7997 | 5.90452546 | 14.04 | 23.9698 | 6.07640046 | 14.14 | 26.763 |
| 5.73265046 | 14.52 | 24.7235 | 5.9046412 | 14.06 | 24.0425 | 6.0765162 | 14.14 | 26.6901 |
| 5.7327662 | 14.52 | 26.5075 | 5.90475694 | 14.06 | 24.0972 | 6.07663194 | 14.08 | 26.4555 |
| 5.73288194 | 14.54 | 25.8881 | 5.90487269 | 14.04 | 24.0025 | 6.07674769 | 14.06 | 26.3926 |
| 5.73299769 | 14.55 | 25.3921 | 5.90498843 | 14.06 | 24.0863 | 6.07686343 | 14.04 | 26.3757 |
| 5.73311343 | 14.51 | 28.416 | 5.90510417 | 14.06 | 24.0665 | 6.07697917 | 14.07 | 26.4112 |
| 5.73322917 | 14.51 | 28.2657 | 5.90521991 | 14.07 | 24.1813 | 6.07709491 | 14.11 | 26.6614 |
| 5.73334491 | 14.52 | 28.158 | 5.90533565 | 14.06 | 24.2207 | 6.07721065 | 14.11 | 26.703 |
| 5.73346065 | 14.52 | 27.4607 | 5.90545139 | 14.07 | 24.3835 | 6.07732639 | 14.11 | 26.7238 |
| 5.73357639 | 14.52 | 27.5597 | 5.90556713 | 14.06 | 24.0753 | 6.07744213 | 14.04 | 26.2717 |
| 5.73369213 | 14.54 | 23.921 | 5.90568287 | 14.06 | 24.2894 | 6.07755787 | 14 | 26.0306 |
| 5.73380787 | 14.55 | 23.2776 | 5.90579861 | 14.07 | 24.3165 | 6.07767361 | 13.96 | 25.8204 |
| 5.73392361 | 14.55 | 23.5416 | 5.90591435 | 14.04 | 24.1581 | 6.07778935 | 13.96 | 25.7837 |
| 5.73403935 | 14.52 | 27.8773 | 5.90603009 | 14.06 | 24.1721 | 6.07790509 | 13.86 | 25.1246 |
| 5.73415509 | 14.51 | 27.9521 | 5.90614583 | 14.03 | 23.9586 | 6.07802083 | 14.03 | 26.2508 |
| 5.73427083 | 14.5 | 28.5429 | 5.90626157 | 14.03 | 24.0327 | 6.07813657 | 14.07 | 26.4495 |
| 5.73438657 | 14.51 | 28.5238 | 5.90637732 | 14.02 | 23.9604 | 6.07825232 | 14.08 | 26.517 |
| 5.73450232 | 14.51 | 28.3725 | 5.90649306 | 14.02 | 23.5762 | 6.07836806 | 14.1 | 26.5495 |
| 5.73461806 | 14.51 | 27.6165 | 5.9066088 | 14.02 | 23.9365 | 6.0784838 | 14.11 | 26.5324 |
| 5.7347338 | 14.51 | 28.2169 | 5.90672454 | 14 | 23.7826 | 6.07859954 | 14.07 | 26.3501 |
| 5.73484954 | 14.51 | 28.3263 | 5.90684028 | 14 | 23.7119 | 6.07871528 | 13.99 | 25.8593 |
| 5.73496528 | 14.51 | 28.7296 | 5.90695602 | 14.02 | 23.8586 | 6.07883102 | 13.99 | 25.9382 |
| 5.73508102 | 14.51 | 28.9979 | 5.90707176 | 14 | 23.5249 | 6.07894676 | 13.96 | 25.8228 |
| 5.73519676 | 14.51 | 28.7622 | 5.9071875 | 14.03 | 23.8287 | 6.0790625 | 14 | 25.828 |
| 5.7353125 | 14.52 | 28.2527 | 5.90730324 | 14 | 23.5948 | 6.07917824 | 13.99 | 25.9209 |
| 5.73542824 | 14.51 | 28.8633 | 5.90741898 | 14.03 | 23.9542 | 6.07929398 | 13.87 | 25.2756 |
| 5.73554398 | 14.52 | 27.8239 | 5.90753472 | 14.03 | 23.874 | 6.07940972 | 13.79 | 24.6559 |
| 5.73565972 | 14.52 | 26.977 | 5.90765046 | 14.02 | 23.8047 | 6.07952546 | 13.76 | 24.5801 |
| 5.73577546 | 14.51 | 28.5765 | 5.9077662 | 14.02 | 23.5995 | 6.0796412 | 13.79 | 24.7629 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7358912 | 14.51 | 28.7741 | 5.90788194 | 14.02 | 23.7189 | 6.07975694 | 13.76 | 24.7115 |
| 5.73600694 | 14.51 | 28.6824 | 5.90799769 | 14.02 | 23.7982 | 6.07987269 | 13.79 | 24.9213 |
| 5.73612269 | 14.54 | 27.0995 | 5.90811343 | 14.02 | 23.8586 | 6.07998843 | 13.79 | 24.7698 |
| 5.73623843 | 14.52 | 27.7372 | 5.90822917 | 14.03 | 24.6049 | 6.08010417 | 13.79 | 24.7698 |
| 5.73635417 | 14.55 | 24.686 | 5.90834491 | 14.03 | 24.1291 | 6.08021991 | 13.75 | 24.5324 |
| 5.73646991 | 14.54 | 26.7307 | 5.90846065 | 14.06 | 25.31 | 6.08033565 | 13.74 | 24.4089 |
| 5.73658565 | 14.51 | 28.4248 | 5.90857639 | 14.08 | 25.7771 | 6.08045139 | 13.74 | 24.5253 |
| 5.73670139 | 14.51 | 27.6748 | 5.90869213 | 14.07 | 25.7641 | 6.08056713 | 13.76 | 24.6933 |
| 5.73681713 | 14.54 | 27.2585 | 5.90880787 | 14.07 | 25.543 | 6.08068287 | 13.78 | 24.8059 |
| 5.73693287 | 14.52 | 27.0705 | 5.90892361 | 14.08 | 25.7404 | 6.08079861 | 13.8 | 24.9264 |
| 5.73704861 | 14.54 | 26.8968 | 5.90903935 | 14.12 | 26.5024 | 6.08091435 | 13.83 | 25.0414 |
| 5.73716435 | 14.52 | 27.8688 | 5.90915509 | 14.06 | 24.8119 | 6.08103009 | 13.83 | 25.0623 |
| 5.73728009 | 14.54 | 24.8845 | 5.90927083 | 14.15 | 26.8319 | 6.08114583 | 13.8 | 25.0097 |
| 5.73739583 | 14.54 | 26.9525 | 5.90938657 | 14.12 | 26.2882 | 6.08126157 | 13.84 | 25.1446 |
| 5.73751157 | 14.55 | 24.56 | 5.90950232 | 14.14 | 27.0846 | 6.08137732 | 13.86 | 25.1996 |
| 5.73762732 | 14.56 | 24.2803 | 5.90961806 | 14.16 | 27.2633 | 6.08149306 | 13.86 | 25.2491 |
| 5.73774306 | 14.54 | 27.2992 | 5.9097338 | 14.19 | 27.1457 | 6.0816088 | 13.84 | 25.2127 |
| 5.7378588 | 14.54 | 27.3482 | 5.90984954 | 14.27 | 27.3805 | 6.08172454 | 13.86 | 25.2326 |
| 5.73797454 | 14.54 | 25.903 | 5.90996528 | 14.28 | 27.6889 | 6.08184028 | 13.86 | 25.2232 |
| 5.73809028 | 14.55 | 26.2792 | 5.91008102 | 14.28 | 27.5675 | 6.08195602 | 13.86 | 25.2255 |
| 5.73820602 | 14.55 | 26.4716 | 5.91019676 | 14.27 | 27.5115 | 6.08207176 | 13.83 | 25.1465 |
| 5.73832176 | 14.54 | 26.286 | 5.9103125 | 14.23 | 27.2977 | 6.0821875 | 13.79 | 25.0162 |
| 5.7384375 | 14.55 | 25.8989 | 5.91042824 | 14.22 | 27.275 | 6.08230324 | 13.83 | 25.1394 |
| 5.73855324 | 14.52 | 27.8407 | 5.91054398 | 14.22 | 27.302 | 6.08241898 | 13.84 | 25.1986 |
| 5.73866898 | 14.54 | 25.8682 | 5.91065972 | 14.19 | 27.2019 | 6.08253472 | 13.87 | 25.5235 |
| 5.73878472 | 14.56 | 24.0492 | 5.91077546 | 14.19 | 27.2261 | 6.08265046 | 13.86 | 25.2161 |
| 5.73890046 | 14.54 | 27.0726 | 5.9108912 | 14.18 | 27.2036 | 6.0827662 | 13.84 | 25.2057 |
| 5.7390162 | 14.56 | 24.5446 | 5.91100694 | 14.18 | 27.2063 | 6.08288194 | 13.84 | 25.1587 |
| 5.73913194 | 14.52 | 27.9392 | 5.91112269 | 14.19 | 27.2584 | 6.08299769 | 13.86 | 25.4104 |
| 5.73924769 | 14.54 | 27.5207 | 5.91123843 | 14.18 | 27.2331 | 6.08311343 | 13.9 | 25.6411 |
| 5.73936343 | 14.58 | 24.0744 | 5.91135417 | 14.18 | 27.1875 | 6.08322917 | 13.87 | 25.4755 |
| 5.73947917 | 14.59 | 19.5045 | 5.91146991 | 14.2 | 27.254 | 6.08334491 | 13.91 | 25.6659 |
| 5.73959491 | 14.54 | 27.7788 | 5.91158565 | 14.19 | 27.2288 | 6.08346065 | 13.88 | 25.606 |
| 5.73971065 | 14.52 | 27.9703 | 5.91170139 | 14.16 | 27.2069 | 6.08357639 | 14.02 | 26.2097 |
| 5.73982639 | 14.54 | 27.2558 | 5.91181713 | 14.18 | 27.2063 | 6.08369213 | 14.1 | 26.8692 |
| 5.73994213 | 14.55 | 26.5129 | 5.91193287 | 14.15 | 27.2139 | 6.08380787 | 14.08 | 26.6847 |
| 5.74005787 | 14.56 | 21.3193 | 5.91204861 | 14.15 | 27.2086 | 6.08392361 | 14.02 | 26.177 |
| 5.74017361 | 14.54 | 27.2261 | 5.91216435 | 14.15 | 27.1817 | 6.08403935 | 13.99 | 26.0398 |
| 5.74028935 | 14.55 | 27.1059 | 5.91228009 | 14.16 | 27.1828 | 6.08415509 | 14.02 | 26.167 |
| 5.74040509 | 14.55 | 27.0684 | 5.91239583 | 14.15 | 27.2086 | 6.08427083 | 14.02 | 26.1369 |
| 5.74052083 | 14.54 | 26.9712 | 5.91251157 | 14.15 | 27.2086 | 6.08438657 | 14.02 | 26.1619 |
| 5.74063657 | 14.54 | 26.5301 | 5.91262732 | 14.16 | 27.2069 | 6.08450232 | 13.98 | 25.8316 |
| 5.74075232 | 14.54 | 27.0619 | 5.91274306 | 14.19 | 27.1992 | 6.08461806 | 14.04 | 26.4139 |
| 5.74086806 | 14.54 | 27.4603 | 5.9128588 | 14.19 | 27.2288 | 6.0847338 | 14.03 | 26.2912 |
| 5.7409838 | 14.54 | 27.4713 | 5.91297454 | 14.16 | 27.1426 | 6.08484954 | 14.06 | 26.3976 |
| 5.74109954 | 14.52 | 27.6843 | 5.91309028 | 14.14 | 26.4451 | 6.08496528 | 14.11 | 26.6226 |
| 5.74121528 | 14.54 | 27.5042 | 5.91320602 | 14.14 | 26.0111 | 6.08508102 | 14.11 | 26.5968 |
| 5.74133102 | 14.54 | 27.79 | 5.91332176 | 14.16 | 26.1075 | 6.08519676 | 14.1 | 26.5727 |
| 5.74144676 | 14.54 | 27.5015 | 5.9134375 | 14.16 | 25.9108 | 6.0853125 | 14.11 | 26.5968 |
| 5.7415625 | 14.52 | 27.9449 | 5.91355324 | 14.16 | 26.3067 | 6.08542824 | 14.1 | 26.5959 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74167824 | 14.52 | 27.959 | 5.91366898 | 14.12 | 25.7504 | 6.08554398 | 14.12 | 26.7013 |
| 5.74179398 | 14.54 | 26.8017 | 5.91378472 | 14.1 | 24.9132 | 6.08565972 | 14.11 | 26.7342 |
| 5.74190972 | 14.52 | 28.1609 | 5.91390046 | 14.12 | 26.2048 | 6.08577546 | 14.14 | 26.8362 |
| 5.74202546 | 14.52 | 28.0981 | 5.9140162 | 14.15 | 26.2173 | 6.0858912 | 14.14 | 26.8153 |
| 5.7421412 | 14.52 | 27.8099 | 5.91413194 | 14.16 | 26.867 | 6.08600694 | 14.14 | 26.81 |
| 5.74225694 | 14.52 | 28.5019 | 5.91424769 | 14.2 | 26.9393 | 6.08612269 | 14.1 | 26.5701 |
| 5.74237269 | 14.52 | 28.6544 | 5.91436343 | 14.19 | 26.9172 | 6.08623843 | 14.11 | 26.6692 |
| 5.74248843 | 14.52 | 28.6986 | 5.91447917 | 14.19 | 26.9727 | 6.08635417 | 14.02 | 26.1569 |
| 5.74260417 | 14.52 | 28.6102 | 5.91459491 | 14.2 | 26.8524 | 6.08646991 | 14.06 | 26.4564 |
| 5.74271991 | 14.51 | 28.7889 | 5.91471065 | 14.22 | 26.7312 | 6.08658565 | 14 | 26.2081 |
| 5.74283565 | 14.51 | 28.6971 | 5.91482639 | 14.2 | 26.6669 | 6.08670139 | 14 | 26.2031 |
| 5.74295139 | 14.52 | 28.7134 | 5.91494213 | 14.19 | 26.3957 | 6.08681713 | 14.02 | 26.2424 |
| 5.74306713 | 14.52 | 28.6603 | 5.91505787 | 14.14 | 25.4295 | 6.08693287 | 14.06 | 26.3875 |
| 5.74318287 | 14.51 | 28.9889 | 5.91517361 | 14.19 | 26.5935 | 6.08704861 | 14 | 26.0929 |
| 5.74329861 | 14.52 | 29.0326 | 5.91528935 | 14.19 | 26.6556 | 6.08716435 | 14.06 | 26.4819 |
| 5.74341435 | 14.51 | 29.0672 | 5.91540509 | 14.19 | 26.4981 | 6.08728009 | 14.03 | 26.4258 |
| 5.74353009 | 14.51 | 28.8603 | 5.91552083 | 14.19 | 26.5677 | 6.08739583 | 13.95 | 25.8197 |
| 5.74364583 | 14.5 | 28.832 | 5.91563657 | 14.15 | 26.0767 | 6.08751157 | 13.91 | 25.7779 |
| 5.74376157 | 14.51 | 29.001 | 5.91575232 | 14.16 | 26.0525 | 6.08762732 | 13.88 | 25.6908 |
| 5.74387732 | 14.51 | 29.019 | 5.91586806 | 14.16 | 25.9133 | 6.08774306 | 13.88 | 25.7321 |
| 5.74399306 | 14.51 | 28.7741 | 5.9159838 | 14.16 | 26.2206 | 6.0878588 | 13.9 | 25.7309 |
| 5.7441088 | 14.51 | 28.9829 | 5.91609954 | 14.14 | 25.7078 | 6.08797454 | 13.91 | 25.7413 |
| 5.74422454 | 14.51 | 28.941 | 5.91621528 | 14.08 | 24.9633 | 6.08809028 | 13.9 | 25.7358 |
| 5.74434028 | 14.52 | 28.8708 | 5.91633102 | 14.1 | 24.8577 | 6.08820602 | 13.91 | 25.7657 |
| 5.74445602 | 14.51 | 28.5472 | 5.91644676 | 14.04 | 24.3935 | 6.08832176 | 13.92 | 25.8594 |
| 5.74457176 | 14.51 | 28.3147 | 5.9165625 | 14.07 | 24.8101 | 6.0884375 | 13.92 | 25.8447 |
| 5.7446875 | 14.51 | 28.4946 | 5.91667824 | 14 | 23.774 | 6.08855324 | 13.9 | 25.7382 |
| 5.74480324 | 14.51 | 28.1996 | 5.91679398 | 13.99 | 23.8124 | 6.08866898 | 13.91 | 25.7779 |
| 5.74491898 | 14.51 | 28.6676 | 5.91690972 | 13.98 | 23.6516 | 6.08878472 | 13.9 | 25.7578 |
| 5.74503472 | 14.51 | 28.6942 | 5.91702546 | 13.96 | 23.6043 | 6.08890046 | 13.9 | 25.792 |
| 5.74515046 | 14.51 | 28.9709 | 5.9171412 | 14.04 | 24.8894 | 6.0890162 | 13.91 | 25.7779 |
| 5.7452662 | 14.51 | 29.2858 | 5.91725694 | 13.99 | 23.8081 | 6.08913194 | 13.9 | 25.792 |
| 5.74538194 | 14.51 | 29.2309 | 5.91737269 | 13.95 | 23.4165 | 6.08924769 | 13.91 | 25.8784 |
| 5.74549769 | 14.51 | 29.1822 | 5.91748843 | 13.96 | 23.5134 | 6.08936343 | 13.94 | 25.91 |
| 5.74561343 | 14.52 | 29.1929 | 5.91760417 | 13.94 | 23.1753 | 6.08947917 | 13.95 | 25.965 |
| 5.74572917 | 14.51 | 28.9529 | 5.91771991 | 13.95 | 23.3893 | 6.08959491 | 13.99 | 26.2351 |
| 5.74584491 | 14.52 | 28.5604 | 5.91783565 | 13.92 | 23.1092 | 6.08971065 | 14.11 | 26.9518 |
| 5.74596065 | 14.51 | 28.361 | 5.91795139 | 13.92 | 23.0457 | 6.08982639 | 14.12 | 26.8527 |
| 5.74607639 | 14.51 | 28.4713 | 5.91806713 | 13.94 | 23.2373 | 6.08994213 | 14.03 | 26.3038 |
| 5.74619213 | 14.51 | 28.5824 | 5.91818287 | 13.94 | 23.2145 | 6.09005787 | 14.04 | 26.4982 |
| 5.74630787 | 14.52 | 28.7223 | 5.91829861 | 13.94 | 23.2435 | 6.09017361 | 14.06 | 26.6389 |
| 5.74642361 | 14.51 | 28.7385 | 5.91841435 | 13.94 | 23.2642 | 6.09028935 | 14.11 | 26.8544 |
| 5.74653935 | 14.51 | 28.8186 | 5.91853009 | 13.95 | 23.3142 | 6.09040509 | 14.03 | 26.3089 |
| 5.74665509 | 14.51 | 28.911 | 5.91864583 | 13.96 | 23.6107 | 6.09052083 | 14 | 26.2358 |
| 5.74677083 | 14.51 | 28.938 | 5.91876157 | 13.96 | 23.581 | 6.09063657 | 14.08 | 26.8202 |
| 5.74688657 | 14.51 | 28.932 | 5.91887732 | 13.96 | 23.6447 | 6.09075232 | 14.14 | 26.923 |
| 5.74700232 | 14.51 | 28.7978 | 5.91899306 | 13.98 | 23.6495 | 6.09086806 | 14.12 | 26.8659 |
| 5.74711806 | 14.51 | 28.5941 | 5.9191088 | 13.96 | 23.5429 | 6.0909838 | 14.12 | 26.8449 |
| 5.7472338 | 14.51 | 28.5326 | 5.91922454 | 13.95 | 23.5385 | 6.09109954 | 14.15 | 26.9768 |
| 5.74734954 | 14.51 | 28.7948 | 5.91934028 | 13.95 | 23.53 | 6.09121528 | 14.16 | 26.9117 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74746528 | 14.51 | 28.914 | 5.91945602 | 13.94 | 23.3891 | 6.09133102 | 14.15 | 26.8529 |
| 5.74758102 | 14.51 | 28.7592 | 5.91957176 | 13.94 | 23.4184 | 6.09144676 | 14.15 | 26.8634 |
| 5.74769676 | 14.51 | 28.7681 | 5.9196875 | 13.95 | 23.566 | 6.0915625 | 14.16 | 26.9434 |
| 5.7478125 | 14.51 | 28.8216 | 5.91980324 | 13.98 | 23.7263 | 6.09167824 | 14.15 | 26.9134 |
| 5.74792824 | 14.51 | 28.8216 | 5.91991898 | 13.96 | 23.6447 | 6.09179398 | 14.16 | 26.867 |
| 5.74804398 | 14.52 | 28.9096 | 5.92003472 | 13.99 | 23.8857 | 6.09190972 | 14.16 | 26.9065 |
| 5.74815972 | 14.51 | 28.8901 | 5.92015046 | 13.99 | 24.1101 | 6.09202546 | 14.16 | 26.9513 |
| 5.74827546 | 14.51 | 28.8454 | 5.9202662 | 14 | 24.128 | 6.0921412 | 14.18 | 26.9453 |
| 5.7483912 | 14.51 | 28.7741 | 5.92038194 | 14.06 | 24.6654 | 6.09225694 | 14.18 | 26.9453 |
| 5.74850694 | 14.51 | 28.7889 | 5.92049769 | 14.07 | 24.7963 | 6.09237269 | 14.16 | 26.9249 |
| 5.74862269 | 14.51 | 28.9051 | 5.92061343 | 14.06 | 24.9367 | 6.09248843 | 14.16 | 26.9513 |
| 5.74873843 | 14.51 | 29.0642 | 5.92072917 | 14.07 | 24.7894 | 6.09260417 | 14.16 | 26.9513 |
| 5.74885417 | 14.52 | 28.9066 | 5.92084491 | 14.07 | 24.7069 | 6.09271991 | 14.18 | 26.9347 |
| 5.74896991 | 14.51 | 29.1458 | 5.92096065 | 14.07 | 24.6909 | 6.09283565 | 14.15 | 26.8503 |
| 5.74908565 | 14.51 | 28.9709 | 5.92107639 | 14.07 | 24.6932 | 6.09295139 | 14.15 | 26.9213 |
| 5.74920139 | 14.51 | 29.0793 | 5.92119213 | 14.07 | 24.6886 | 6.09306713 | 14.1 | 26.6424 |
| 5.74931713 | 14.51 | 28.926 | 5.92130787 | 14.07 | 24.6613 | 6.09318287 | 14 | 26.2888 |
| 5.74943287 | 14.51 | 28.78 | 5.92142361 | 14.06 | 24.6267 | 6.09329861 | 14 | 26.1956 |
| 5.74954861 | 14.51 | 28.7474 | 5.92153935 | 14.04 | 24.5555 | 6.09341435 | 13.98 | 26.1489 |
| 5.74966435 | 14.51 | 28.8186 | 5.92165509 | 14.04 | 24.4361 | 6.09353009 | 14.02 | 26.3106 |
| 5.74978009 | 14.51 | 28.8335 | 5.92177083 | 14.06 | 24.579 | 6.09364583 | 14.06 | 26.5693 |
| 5.74989583 | 14.51 | 28.8573 | 5.92188657 | 14.03 | 24.2816 | 6.09376157 | 14.04 | 26.4394 |
| 5.75001157 | 14.51 | 28.8722 | 5.92200232 | 14 | 24.1655 | 6.09387732 | 13.99 | 26.2074 |
| 5.75012732 | 14.51 | 28.8812 | 5.92211806 | 14 | 24.1853 | 6.09399306 | 13.95 | 26.1117 |
| 5.75024306 | 14.51 | 28.8871 | 5.9222338 | 14 | 24.0448 | 6.0941088 | 13.95 | 26.1242 |
| 5.7503588 | 14.51 | 28.8961 | 5.92234954 | 13.99 | 24.0095 | 6.09422454 | 13.95 | 26.0867 |
| 5.75047454 | 14.51 | 28.8871 | 5.92246528 | 13.99 | 23.9616 | 6.09434028 | 13.95 | 26.1392 |
| 5.75059028 | 14.52 | 28.8976 | 5.92258102 | 13.99 | 24.0575 | 6.09445602 | 13.95 | 26.1192 |
| 5.75070602 | 14.51 | 28.9051 | 5.92269676 | 13.99 | 23.979 | 6.09457176 | 13.95 | 26.1242 |
| 5.75082176 | 14.51 | 28.8513 | 5.9228125 | 13.99 | 23.9247 | 6.0946875 | 13.95 | 26.0892 |
| 5.7509375 | 14.48 | 25.3344 | 5.92292824 | 13.99 | 23.966 | 6.09480324 | 13.94 | 26.0885 |
| 5.75105324 | 14.51 | 28.8782 | 5.92304398 | 13.98 | 23.8963 | 6.09491898 | 13.94 | 26.111 |
| 5.75116898 | 14.5 | 28.4728 | 5.92315972 | 13.98 | 23.9201 | 6.09503472 | 13.94 | 26.0387 |
| 5.75128472 | 14.5 | 28.74 | 5.92327546 | 13.99 | 23.9139 | 6.09515046 | 13.92 | 26.0547 |
| 5.75140046 | 14.51 | 28.9021 | 5.9233912 | 13.99 | 24.0117 | 6.0952662 | 13.92 | 26.0821 |
| 5.7515162 | 14.51 | 28.4335 | 5.92350694 | 13.99 | 24.016 | 6.09538194 | 13.94 | 26.111 |
| 5.75163194 | 14.51 | 28.0541 | 5.92362269 | 13.99 | 24.0882 | 6.09549769 | 13.92 | 26.0597 |
| 5.75174769 | 14.5 | 26.4875 | 5.92373843 | 13.99 | 24.0926 | 6.09561343 | 14.02 | 26.4735 |
| 5.75186343 | 14.51 | 27.2741 | 5.92385417 | 13.99 | 24.0948 | 6.09572917 | 13.98 | 26.2217 |
| 5.75197917 | 14.51 | 27.8114 | 5.92396991 | 13.99 | 24.0926 | 6.09584491 | 13.92 | 26.0622 |
| 5.75209491 | 14.51 | 27.8367 | 5.92408565 | 13.99 | 24.1299 | 6.09596065 | 13.9 | 25.9962 |
| 5.75221065 | 14.51 | 27.9662 | 5.92420139 | 14 | 24.1412 | 6.09607639 | 13.91 | 26.0242 |
| 5.75232639 | 14.51 | 28.0541 | 5.92431713 | 14 | 24.1853 | 6.09619213 | 13.92 | 26.0448 |
| 5.75244213 | 14.5 | 28.1868 | 5.92443287 | 14 | 24.2494 | 6.09630787 | 13.92 | 26.0647 |
| 5.75255787 | 14.5 | 28.1697 | 5.92454861 | 14.02 | 24.2435 | 6.09642361 | 14.08 | 26.849 |
| 5.75267361 | 14.51 | 28.1624 | 5.92466435 | 14.03 | 24.402 | 6.09653935 | 14.11 | 26.8571 |
| 5.75278935 | 14.51 | 28.1681 | 5.92478009 | 14.04 | 24.4159 | 6.09665509 | 14.07 | 26.6165 |
| 5.75290509 | 14.51 | 28.3349 | 5.92489583 | 14.04 | 24.5464 | 6.09677083 | 14.08 | 26.6769 |
| 5.75302083 | 14.51 | 28.283 | 5.92501157 | 14.04 | 24.6144 | 6.09688657 | 14.14 | 26.9256 |
| 5.75313657 | 14.51 | 28.2226 | 5.92512732 | 14.06 | 24.6221 | 6.09700232 | 14.15 | 26.9503 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.75325232 | 14.51 | 28.2571 | 5.92524306 | 14.03 | 24.614 | 6.09711806 | 14.15 | 26.9635 |
| 5.75336806 | 14.5 | 28.296 | 5.9253588 | 14.04 | 24.5985 | 6.0972338 | 14.16 | 26.9936 |
| 5.7534838 | 14.51 | 28.2025 | 5.92547454 | 14.02 | 24.3971 | 6.09734954 | 14.15 | 26.9451 |
| 5.75359954 | 14.51 | 28.1939 | 5.92559028 | 14 | 24.3294 | 6.09746528 | 14.11 | 26.8361 |
| 5.75371528 | 14.51 | 28.2226 | 5.92570602 | 14 | 24.374 | 6.09758102 | 14.16 | 26.9698 |
| 5.75383102 | 14.5 | 28.3914 | 5.92582176 | 13.99 | 24.2623 | 6.09769676 | 14.16 | 27.0254 |
| 5.75394676 | 14.51 | 28.3494 | 5.9259375 | 13.99 | 24.2026 | 6.0978125 | 14.18 | 27.0115 |
| 5.7540625 | 14.5 | 28.3654 | 5.92605324 | 13.99 | 24.2579 | 6.09792824 | 14.18 | 27.0566 |
| 5.75417824 | 14.5 | 28.4234 | 5.92616898 | 13.99 | 24.2513 | 6.09804398 | 14.18 | 27.0487 |
| 5.75429398 | 14.51 | 28.3292 | 5.92628472 | 13.96 | 24.1332 | 6.09815972 | 14.16 | 26.9249 |
| 5.75440972 | 14.51 | 28.2111 | 5.92640046 | 13.96 | 24.1069 | 6.09827546 | 14.12 | 26.803 |
| 5.75452546 | 14.5 | 27.9254 | 5.9265162 | 13.96 | 24.1113 | 6.0983912 | 14.14 | 26.8625 |
| 5.7546412 | 14.5 | 28.0869 | 5.92663194 | 13.96 | 24.0981 | 6.09850694 | 14.16 | 26.9117 |
| 5.75475694 | 14.51 | 27.8788 | 5.92674769 | 13.96 | 24.1113 | 6.09862269 | 14.15 | 26.8398 |
| 5.75487269 | 14.51 | 27.6609 | 5.92686343 | 13.96 | 24.153 | 6.09873843 | 14.14 | 26.8336 |
| 5.75498843 | 14.51 | 27.7499 | 5.92697917 | 13.96 | 24.164 | 6.09885417 | 14.14 | 26.8441 |
| 5.75510417 | 14.51 | 28.8186 | 5.92709491 | 13.96 | 24.1773 | 6.09896991 | 14.07 | 26.715 |
| 5.75521991 | 14.5 | 28.7933 | 5.92721065 | 13.98 | 24.1603 | 6.09908565 | 14.03 | 26.4539 |
| 5.75533565 | 14.5 | 28.7637 | 5.92732639 | 13.98 | 24.1647 | 6.09920139 | 14.02 | 26.2777 |
| 5.75545139 | 14.5 | 28.7075 | 5.92744213 | 13.98 | 24.1956 | 6.09931713 | 14.06 | 26.4871 |
| 5.75556713 | 14.5 | 28.3856 | 5.92755787 | 13.99 | 24.238 | 6.09943287 | 13.91 | 25.849 |
| 5.75568287 | 14.5 | 28.5049 | 5.92767361 | 13.98 | 24.2332 | 6.09954861 | 13.88 | 25.8078 |
| 5.75579861 | 14.5 | 28.1782 | 5.92778935 | 13.98 | 24.2265 | 6.09966435 | 13.86 | 25.7284 |
| 5.75591435 | 14.48 | 28.1099 | 5.92790509 | 13.98 | 24.2199 | 6.09978009 | 13.86 | 25.6944 |
| 5.75603009 | 14.48 | 27.2599 | 5.92802083 | 13.98 | 24.2442 | 6.09989583 | 13.86 | 25.6944 |
| 5.75614583 | 14.5 | 27.8158 | 5.92813657 | 13.99 | 24.238 | 6.10001157 | 13.86 | 25.6507 |
| 5.75626157 | 14.48 | 27.7825 | 5.92825232 | 13.99 | 24.2313 | 6.10012732 | 13.83 | 25.5957 |
| 5.75637732 | 14.5 | 27.6652 | 5.92836806 | 13.99 | 24.2668 | 6.10024306 | 13.84 | 25.6229 |
| 5.75649306 | 14.47 | 28.5708 | 5.9284838 | 13.99 | 24.3045 | 6.1003588 | 13.84 | 25.7029 |
| 5.7566088 | 14.47 | 28.3641 | 5.92859954 | 13.99 | 24.3156 | 6.10047454 | 13.82 | 25.5038 |
| 5.75672454 | 14.47 | 28.3208 | 5.92871528 | 13.99 | 24.3179 | 6.10059028 | 13.79 | 25.4949 |
| 5.75684028 | 14.48 | 28.1555 | 5.92883102 | 13.99 | 24.2934 | 6.10070602 | 13.79 | 25.5069 |
| 5.75695602 | 14.48 | 28.2674 | 5.92894676 | 13.96 | 24.1289 | 6.10082176 | 13.8 | 25.5362 |
| 5.75707176 | 14.48 | 28.3135 | 5.9290625 | 13.95 | 24.0803 | 6.1009375 | 13.82 | 25.5038 |
| 5.7571875 | 14.48 | 28.4205 | 5.92917824 | 13.95 | 24.0671 | 6.10105324 | 13.82 | 25.5038 |
| 5.75730324 | 14.48 | 28.127 | 5.92929398 | 13.96 | 24.1179 | 6.10116898 | 13.8 | 25.4835 |
| 5.75741898 | 14.5 | 28.1582 | 5.92940972 | 13.96 | 24.0697 | 6.10128472 | 13.79 | 25.4829 |
| 5.75753472 | 14.48 | 27.92 | 5.92952546 | 13.96 | 24.0916 | 6.10140046 | 13.79 | 25.4495 |
| 5.75765046 | 14.48 | 27.9313 | 5.9296412 | 13.96 | 24.3479 | 6.1015162 | 13.79 | 25.428 |
| 5.7577662 | 14.48 | 27.9991 | 5.92975694 | 13.99 | 24.3112 | 6.10163194 | 13.78 | 25.3893 |
| 5.75788194 | 14.48 | 28.2042 | 5.92987269 | 13.99 | 24.3513 | 6.10174769 | 13.76 | 25.3621 |
| 5.75799769 | 14.48 | 28.1441 | 5.92998843 | 13.99 | 24.3357 | 6.10186343 | 13.76 | 25.3811 |
| 5.75811343 | 14.48 | 28.0246 | 5.93010417 | 13.99 | 24.249 | 6.10197917 | 13.76 | 25.4406 |
| 5.75822917 | 14.48 | 27.9482 | 5.93021991 | 13.98 | 24.1934 | 6.10209491 | 13.79 | 25.4638 |
| 5.75834491 | 14.48 | 27.9652 | 5.93033565 | 13.98 | 24.1581 | 6.10221065 | 13.84 | 25.6277 |
| 5.75846065 | 14.5 | 27.7487 | 5.93045139 | 13.99 | 24.3334 | 6.10232639 | 13.86 | 25.5518 |
| 5.75857639 | 14.5 | 27.9649 | 5.93056713 | 13.99 | 24.3156 | 6.10244213 | 13.92 | 26.6502 |
| 5.75869213 | 14.5 | 28.067 | 5.93068287 | 13.99 | 24.3535 | 6.10255787 | 13.84 | 25.681 |
| 5.75880787 | 14.5 | 27.9734 | 5.93079861 | 13.99 | 24.3647 | 6.10267361 | 13.83 | 25.55 |
| 5.75892361 | 14.51 | 28.0455 | 5.93091435 | 14 | 24.3561 | 6.10278935 | 13.82 | 25.612 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.75903935 | 14.5 | 28.1068 | 5.93103009 | 13.99 | 24.2978 | 6.10290509 | 13.92 | 26.1645 |
| 5.75915509 | 14.5 | 28.1525 | 5.93114583 | 13.99 | 24.3023 | 6.10302083 | 13.88 | 25.8887 |
| 5.75927083 | 14.48 | 28.2042 | 5.93126157 | 13.98 | 24.2376 | 6.10313657 | 14.03 | 26.5307 |
| 5.75938657 | 14.48 | 28.3944 | 5.93137732 | 13.98 | 24.1559 | 6.10325232 | 13.99 | 26.5351 |
| 5.75950232 | 14.5 | 28.3422 | 5.93149306 | 13.96 | 24.1289 | 6.10336806 | 13.94 | 26.146 |
| 5.75961806 | 14.48 | 28.3279 | 5.9316088 | 13.96 | 24.1376 | 6.1034838 | 14.02 | 26.4224 |
| 5.7597338 | 14.46 | 28.5986 | 5.93172454 | 13.96 | 24.2214 | 6.10359954 | 13.98 | 26.3734 |
| 5.75984954 | 14.44 | 28.74 | 5.93184028 | 13.98 | 24.1934 | 6.10371528 | 13.99 | 26.4915 |
| 5.75996528 | 14.44 | 28.6928 | 5.93195602 | 13.96 | 24.1684 | 6.10383102 | 14.12 | 27.0879 |
| 5.76008102 | 14.44 | 28.6633 | 5.93207176 | 13.96 | 24.1091 | 6.10394676 | 14.04 | 26.6346 |
| 5.76019676 | 14.43 | 28.7829 | 5.9321875 | 13.96 | 24.1574 | 6.1040625 | 14.06 | 26.6674 |
| 5.7603125 | 14.43 | 28.8482 | 5.93230324 | 13.98 | 24.1691 | 6.10417824 | 14.14 | 27.1032 |
| 5.76042824 | 14.43 | 28.8661 | 5.93241898 | 13.96 | 24.1354 | 6.10429398 | 14.04 | 26.6475 |
| 5.76054398 | 14.43 | 28.8691 | 5.93253472 | 13.96 | 24.1201 | 6.10440972 | 13.94 | 26.1285 |
| 5.76065972 | 14.42 | 28.7874 | 5.93265046 | 13.96 | 24.0784 | 6.10452546 | 14.12 | 27.0906 |
| 5.76077546 | 14.42 | 28.8914 | 5.9327662 | 13.96 | 24.1157 | 6.1046412 | 14.14 | 26.9547 |
| 5.7608912 | 14.42 | 28.8914 | 5.93288194 | 13.95 | 24.0671 | 6.10475694 | 14.18 | 27.1687 |
| 5.76100694 | 14.42 | 28.9182 | 5.93299769 | 13.95 | 24.0497 | 6.10487269 | 14.18 | 27.1794 |
| 5.76112269 | 14.42 | 28.9212 | 5.93311343 | 13.95 | 24.0562 | 6.10498843 | 14.18 | 27.2063 |
| 5.76123843 | 14.42 | 28.9123 | 5.93322917 | 13.95 | 24.0562 | 6.10510417 | 14.18 | 27.2197 |
| 5.76135417 | 14.4 | 28.9242 | 5.93334491 | 13.95 | 24.0497 | 6.10521991 | 14.19 | 27.1992 |
| 5.76146991 | 14.4 | 28.966 | 5.93346065 | 13.94 | 24.0471 | 6.10533565 | 14.18 | 27.2063 |
| 5.76158565 | 14.4 | 29.023 | 5.93357639 | 13.95 | 24.0344 | 6.10545139 | 14.15 | 27.0696 |
| 5.76170139 | 14.4 | 28.993 | 5.93369213 | 13.95 | 24.0322 | 6.10556713 | 14.07 | 26.7332 |
| 5.76181713 | 14.4 | 29.002 | 5.93380787 | 13.94 | 24.0581 | 6.10568287 | 14.08 | 26.7862 |
| 5.76193287 | 14.4 | 28.996 | 5.93392361 | 13.94 | 24.0297 | 6.10579861 | 14.06 | 26.6028 |
| 5.76204861 | 14.4 | 29.0561 | 5.93403935 | 13.94 | 24.045 | 6.10591435 | 14 | 26.4514 |
| 5.76216435 | 14.42 | 28.9451 | 5.93415509 | 13.94 | 24.0734 | 6.10603009 | 13.96 | 26.1149 |
| 5.76228009 | 14.4 | 29.026 | 5.93427083 | 13.95 | 24.0562 | 6.10614583 | 14.06 | 26.8708 |
| 5.76239583 | 14.4 | 28.9571 | 5.93438657 | 13.95 | 24.0518 | 6.10626157 | 14.03 | 26.2811 |
| 5.76251157 | 14.4 | 28.978 | 5.93450232 | 13.95 | 24.0606 | 6.10637732 | 13.92 | 26.1345 |
| 5.76262732 | 14.4 | 28.8824 | 5.93461806 | 13.95 | 24.0846 | 6.10649306 | 13.87 | 25.8488 |
| 5.76274306 | 14.43 | 28.5125 | 5.9347338 | 13.96 | 24.0959 | 6.1066088 | 13.86 | 25.8383 |
| 5.7628588 | 14.46 | 28.4934 | 5.93484954 | 13.95 | 24.1088 | 6.10672454 | 13.84 | 3.4045 |
| 5.76297454 | 14.46 | 28.3917 | 5.93496528 | 13.96 | 24.0959 | 6.10684028 | 13.9 | 25.7651 |
| 5.76309028 | 14.46 | 28.4236 | 5.93508102 | 13.96 | 24.1267 | 6.10695602 | 13.84 | 25.5939 |
| 5.76320602 | 14.47 | 28.1828 | | | | | | |

DrEx 112

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.57694444 | 15.07 | 3.7942 | 5.74650463 | 14.38 | 30.1317 | 5.91606482 | 13.87 | 24.0347 |
| 5.57706019 | 15.05 | 5.6507 | 5.74662037 | 14.38 | 30.0438 | 5.91618056 | 13.87 | 24.0111 |
| 5.57717593 | 15.04 | 7.2791 | 5.74673611 | 14.38 | 28.986 | 5.9162963 | 13.87 | 24.0406 |
| 5.57729167 | 14.9 | 13.163 | 5.74685185 | 14.38 | 30.3229 | 5.91641204 | 13.87 | 24.0495 |
| 5.57740741 | 14.87 | 15.3541 | 5.74696759 | 14.38 | 30.3981 | 5.91652778 | 13.87 | 24.0258 |
| 5.57752315 | 14.8 | 17.9879 | 5.74708333 | 14.38 | 30.1271 | 5.91664352 | 13.87 | 24.0199 |
| 5.57763889 | 14.79 | 17.6816 | 5.74719907 | 14.38 | 29.9656 | 5.91675926 | 13.87 | 24.0347 |
| 5.57775463 | 14.8 | 15.2705 | 5.74731482 | 14.36 | 11.2084 | 5.916875 | 13.87 | 24.0258 |
| 5.57787037 | 14.68 | 25.7658 | 5.74743056 | 14.4 | 28.6379 | 5.91699074 | 13.87 | 24.0406 |
| 5.57798611 | 14.63 | 21.0772 | 5.7475463 | 14.4 | 30.1812 | 5.91710648 | 13.87 | 24.0406 |
| 5.57810185 | 14.54 | 27.7435 | 5.74766204 | 14.36 | 14.7811 | 5.91722222 | 13.87 | 24.0199 |
| 5.57821759 | 14.59 | 25.577 | 5.74777778 | 14.36 | 12.9034 | 5.91733796 | 13.85 | 24.0324 |
| 5.57833333 | 14.59 | 26.7701 | 5.74789352 | 14.38 | 29.2429 | 5.9174537 | 13.87 | 24.0111 |
| 5.57844907 | 14.52 | 29.4424 | 5.74800926 | 14.38 | 28.4261 | 5.91756944 | 13.87 | 24.0258 |
| 5.57856482 | 14.59 | 26.703 | 5.748125 | 14.36 | 13.2441 | 5.91768519 | 13.87 | 24.0465 |
| 5.57868056 | 14.55 | 28.9457 | 5.74824074 | 14.37 | 29.6731 | 5.91780093 | 13.71 | 2.777 |
| 5.5787963 | 14.54 | 28.8755 | 5.74835648 | 14.37 | 29.9734 | 5.91791667 | 13.63 | 1.9923 |
| 5.57891204 | 14.58 | 26.8556 | 5.74847222 | 14.37 | 27.1147 | 5.91803241 | 13.84 | 2.3813 |
| 5.57902778 | 14.55 | 27.6489 | 5.74858796 | 14.38 | 27.8419 | 5.91814815 | 13.87 | 24.328 |
| 5.57914352 | 14.62 | 25.3173 | 5.7487037 | 14.38 | 28.7417 | 5.91826389 | 13.85 | 23.4366 |
| 5.57925926 | 14.56 | 26.994 | 5.74881944 | 14.4 | 29.1884 | 5.91837963 | 13.7 | 1.4929 |
| 5.579375 | 14.59 | 25.9513 | 5.74893519 | 14.38 | 27.028 | 5.91849537 | 13.66 | 1.5933 |
| 5.57949074 | 14.58 | 26.4996 | 5.74905093 | 14.4 | 29.5514 | 5.91861111 | 13.59 | 1.601 |
| 5.57960648 | 14.56 | 23.3074 | 5.74916667 | 14.38 | 30.3323 | 5.91872685 | 13.58 | 1.6126 |
| 5.57972222 | 14.51 | 29.3388 | 5.74928241 | 14.38 | 30.141 | 5.91884259 | 13.55 | 1.6071 |
| 5.57983796 | 14.62 | 22.654 | 5.74939815 | 14.38 | 30.3839 | 5.91895833 | 13.55 | 1.6308 |
| 5.5799537 | 14.52 | 29.2959 | 5.74951389 | 14.38 | 30.3934 | 5.91907407 | 13.56 | 1.6491 |
| 5.58006944 | 14.52 | 28.299 | 5.74962963 | 14.37 | 30.3542 | 5.91918982 | 13.53 | 1.6481 |
| 5.58018519 | 14.69 | 19.9416 | 5.74974537 | 14.37 | 30.5336 | 5.91930556 | 13.49 | 1.6512 |
| 5.58030093 | 14.61 | 24.5602 | 5.74986111 | 14.37 | 29.7002 | 5.9194213 | 13.49 | 1.6548 |
| 5.58041667 | 14.56 | 25.9853 | 5.74997685 | 14.37 | 30.4909 | 5.91953704 | 13.46 | 1.6654 |
| 5.58053241 | 14.62 | 23.7736 | 5.75009259 | 14.37 | 30.5289 | 5.91965278 | 13.44 | 1.6667 |
| 5.58064815 | 14.66 | 21.617 | 5.75020833 | 14.38 | 30.5115 | 5.91976852 | 13.42 | 1.6636 |
| 5.58076389 | 14.69 | 19.7573 | 5.75032407 | 14.38 | 30.3934 | 5.91988426 | 13.41 | 1.6703 |
| 5.58087963 | 14.72 | 19.4211 | 5.75043982 | 14.38 | 30.45 | 5.92 | 13.38 | 1.672 |
| 5.58099537 | 14.79 | 15.4137 | 5.75055556 | 14.38 | 30.2433 | 5.92011574 | 13.39 | 1.6832 |
| 5.58111111 | 14.66 | 21.137 | 5.7506713 | 14.38 | 30.3557 | 5.92023148 | 13.38 | 1.6751 |
| 5.58122685 | 14.65 | 22.4254 | 5.75078704 | 14.38 | 30.2387 | 5.92034722 | 13.7 | 2.238 |
| 5.58134259 | 14.69 | 20.9469 | 5.75090278 | 14.38 | 29.9565 | 5.92046296 | 13.76 | 24.3127 |
| 5.58145833 | 14.51 | 29.8243 | 5.75101852 | 14.38 | 28.9428 | 5.9205787 | 13.87 | 24.6132 |
| 5.58157407 | 14.52 | 29.2694 | 5.75113426 | 14.38 | 30.1132 | 5.92069444 | 13.87 | 24.3341 |
| 5.58168982 | 14.49 | 30.2605 | 5.75125 | 14.38 | 30.3698 | 5.92081019 | 13.9 | 24.7785 |
| 5.58180556 | 14.62 | 21.2842 | 5.75136574 | 14.38 | 30.0762 | 5.92092593 | 13.88 | 24.641 |
| 5.5819213 | 14.65 | 23.1834 | 5.75148148 | 14.38 | 30.248 | 5.92104167 | 13.88 | 24.5326 |
| 5.58203704 | 14.45 | 31.835 | 5.75159722 | 14.38 | 29.8194 | 5.92115741 | 13.87 | 24.4713 |
| 5.58215278 | 14.58 | 25.9614 | 5.75171296 | 14.38 | 27.4117 | 5.92127315 | 13.87 | 24.3068 |
| 5.58226852 | 14.54 | 27.4941 | 5.7518287 | 14.38 | 29.3177 | 5.92138889 | 13.87 | 24.2284 |
| 5.58238426 | 14.88 | 10.2517 | 5.75194444 | 14.4 | 28.1883 | 5.92150463 | 13.87 | 24.2917 |
| 5.5825 | 14.82 | 14.2814 | 5.75206019 | 14.4 | 29.6862 | 5.92162037 | 13.87 | 24.3008 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58261574 | 14.87 | 11.3079 | 5.75217593 | 14.38 | 29.4017 | 5.92173611 | 13.87 | 24.2194 |
| 5.58273148 | 14.8 | 14.8735 | 5.75229167 | 14.38 | 29.3795 | 5.92185185 | 13.85 | 24.187 |
| 5.58284722 | 14.56 | 27.2697 | 5.75240741 | 14.4 | 29.7133 | 5.92196759 | 13.85 | 24.1213 |
| 5.58296296 | 14.58 | 23.9675 | 5.75252315 | 14.38 | 29.7241 | 5.92208333 | 13.85 | 23.9148 |
| 5.5830787 | 14.79 | 17.3574 | 5.75263889 | 14.38 | 29.9381 | 5.92219907 | 13.85 | 23.95 |
| 5.58319444 | 14.63 | 26.6016 | 5.75275463 | 14.38 | 29.9015 | 5.92231482 | 13.85 | 23.9941 |
| 5.58331019 | 14.51 | 30.5471 | 5.75287037 | 14.38 | 30.0392 | 5.92243056 | 13.85 | 23.9441 |
| 5.58342593 | 14.54 | 28.5349 | 5.75298611 | 14.38 | 30.0715 | 5.9225463 | 13.84 | 23.921 |
| 5.58354167 | 14.48 | 30.8495 | 5.75310185 | 14.38 | 30.0669 | 5.92266204 | 13.85 | 23.9236 |
| 5.58365741 | 14.69 | 19.1969 | 5.75321759 | 14.38 | 29.6654 | 5.92277778 | 13.85 | 23.95 |
| 5.58377315 | 14.73 | 18.7621 | 5.75333333 | 14.38 | 29.5397 | 5.92289352 | 13.85 | 23.9852 |
| 5.58388889 | 14.55 | 25.8414 | 5.75344907 | 14.38 | 29.5174 | 5.92300926 | 13.84 | 23.9914 |
| 5.58400463 | 14.59 | 26.0642 | 5.75356482 | 14.38 | 29.5442 | 5.923125 | 13.85 | 24.0088 |
| 5.58412037 | 14.54 | 25.4704 | 5.75368056 | 14.38 | 29.5129 | 5.92324074 | 13.84 | 23.9269 |
| 5.58423611 | 14.75 | 16.3329 | 5.7537963 | 14.38 | 29.6609 | 5.92335648 | 13.84 | 23.822 |
| 5.58435185 | 14.52 | 27.5791 | 5.75391204 | 14.38 | 29.7061 | 5.92347222 | 13.84 | 23.886 |
| 5.58446759 | 14.45 | 30.1982 | 5.75402778 | 14.38 | 29.6294 | 5.92358796 | 13.84 | 23.8511 |
| 5.58458333 | 14.45 | 29.4731 | 5.75414352 | 14.38 | 29.688 | 5.9237037 | 13.84 | 23.8511 |
| 5.58469907 | 14.8 | 13.7762 | 5.75425926 | 14.38 | 29.7377 | 5.92381944 | 13.84 | 23.8423 |
| 5.58481482 | 14.58 | 24.7602 | 5.754375 | 14.38 | 29.9198 | 5.92393519 | 13.84 | 23.8656 |
| 5.58493056 | 14.47 | 30.3888 | 5.75449074 | 14.38 | 29.824 | 5.92405093 | 13.87 | 24.1356 |
| 5.5850463 | 14.44 | 31.8688 | 5.75460648 | 14.38 | 30.4075 | 5.92416667 | 13.87 | 24.0999 |
| 5.58516204 | 14.55 | 24.4693 | 5.75472222 | 14.4 | 30.2838 | 5.92428241 | 13.87 | 24.2827 |
| 5.58527778 | 14.48 | 28.9848 | 5.75483796 | 14.38 | 29.7468 | 5.92439815 | 13.87 | 24.2827 |
| 5.58539352 | 14.42 | 31.9882 | 5.7549537 | 14.4 | 30.3401 | 5.92451389 | 13.87 | 24.3189 |
| 5.58550926 | 14.42 | 31.019 | 5.75506944 | 14.38 | 30.22 | 5.92462963 | 13.87 | 24.3614 |
| 5.585625 | 14.49 | 28.404 | 5.75518519 | 14.38 | 30.3839 | 5.92474537 | 13.88 | 24.6038 |
| 5.58574074 | 14.49 | 29.1427 | 5.75530093 | 14.4 | 30.2885 | 5.92486111 | 13.88 | 24.4987 |
| 5.58585648 | 14.76 | 15.8931 | 5.75541667 | 14.4 | 30.2745 | 5.92497685 | 13.87 | 24.3918 |
| 5.58597222 | 14.63 | 22.5341 | 5.75553241 | 14.38 | 27.521 | 5.92509259 | 13.87 | 24.3766 |
| 5.58608796 | 14.54 | 25.706 | 5.75564815 | 14.38 | 30.1503 | 5.92520833 | 13.87 | 24.4223 |
| 5.5862037 | 14.75 | 17.0673 | 5.75576389 | 14.38 | 29.774 | 5.92532407 | 13.87 | 24.3766 |
| 5.58631944 | 14.69 | 18.6645 | 5.75587963 | 14.38 | 30.5162 | 5.92543982 | 13.88 | 24.4466 |
| 5.58643519 | 14.77 | 15.7809 | 5.75599537 | 14.4 | 30.1998 | 5.92555556 | 13.87 | 24.4162 |
| 5.58655093 | 14.79 | 15.4381 | 5.75611111 | 14.38 | 30.4075 | 5.9256713 | 13.88 | 24.3916 |
| 5.58666667 | 14.8 | 14.6858 | 5.75622685 | 14.38 | 30.5352 | 5.92578704 | 13.87 | 24.3857 |
| 5.58678241 | 14.79 | 14.6327 | 5.75634259 | 14.38 | 30.6974 | 5.92590278 | 13.87 | 24.3614 |
| 5.58689815 | 14.82 | 14.1168 | 5.75645833 | 14.38 | 25.6606 | 5.92601852 | 13.87 | 24.325 |
| 5.58701389 | 14.7 | 18.5182 | 5.75657407 | 14.38 | 25.42 | 5.92613426 | 13.85 | 24.2802 |
| 5.58712963 | 14.84 | 12.4184 | 5.75668982 | 14.38 | 29.0422 | 5.92625 | 13.84 | 24.0771 |
| 5.58724537 | 14.84 | 13.2105 | 5.75680556 | 14.38 | 27.1841 | 5.92636574 | 13.83 | 24.033 |
| 5.58736111 | 14.83 | 13.5998 | 5.7569213 | 14.4 | 28.2458 | 5.92648148 | 13.83 | 23.983 |
| 5.58747685 | 14.84 | 13.3757 | 5.75703704 | 14.38 | 28.5389 | 5.92659722 | 13.83 | 23.9977 |
| 5.58759259 | 14.87 | 12.253 | 5.75715278 | 14.38 | 29.0465 | 5.92671296 | 13.84 | 23.9914 |
| 5.58770833 | 14.88 | 10.724 | 5.75726852 | 14.38 | 29.4906 | 5.9268287 | 13.84 | 24.0032 |
| 5.58782407 | 14.82 | 14.877 | 5.75738426 | 14.38 | 30.0438 | 5.92694444 | 13.83 | 23.9888 |
| 5.58793982 | 14.83 | 13.8909 | 5.7575 | 14.4 | 30.0745 | 5.92706019 | 13.83 | 24.0242 |
| 5.58805556 | 14.8 | 14.7622 | 5.75761574 | 14.38 | 30.2527 | 5.92717593 | 13.84 | 24.0327 |
| 5.5881713 | 14.84 | 13.347 | 5.75773148 | 14.38 | 30.3792 | 5.92729167 | 13.83 | 23.9595 |
| 5.58828704 | 14.9 | 9.9682 | 5.75784722 | 14.4 | 30.0514 | 5.92740741 | 13.83 | 23.9888 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58840278 | 14.91 | 9.6531 | 5.75796296 | 14.36 | 17.887 | 5.92752315 | 13.84 | 24.0121 |
| 5.58851852 | 14.9 | 11.5251 | 5.7580787 | 14.38 | 29.6609 | 5.92763889 | 13.84 | 23.9621 |
| 5.58863426 | 14.63 | 23.901 | 5.75819444 | 14.38 | 30.007 | 5.92775463 | 13.83 | 23.9888 |
| 5.58875 | 14.58 | 26.0638 | 5.75831019 | 14.37 | 22.1939 | 5.92787037 | 13.84 | 24.0475 |
| 5.58886574 | 14.47 | 32.3375 | 5.75842593 | 14.37 | 27.7453 | 5.92798611 | 13.84 | 23.9826 |
| 5.58898148 | 14.44 | 32.268 | 5.75854167 | 14.4 | 28.082 | 5.92810185 | 13.84 | 23.9738 |
| 5.58909722 | 14.41 | 32.8464 | 5.75865741 | 14.38 | 26.8812 | 5.92821759 | 13.84 | 24.0121 |
| 5.58921296 | 14.4 | 32.974 | 5.75877315 | 14.38 | 25.8223 | 5.92833333 | 13.84 | 24.0121 |
| 5.5893287 | 14.4 | 33.0394 | 5.75888889 | 14.38 | 28.0355 | 5.92844907 | 13.84 | 24.1634 |
| 5.58944444 | 14.38 | 33.051 | 5.75900463 | 14.38 | 24.9038 | 5.92856482 | 13.84 | 24.0623 |
| 5.58956019 | 14.37 | 33.1361 | 5.75912037 | 14.37 | 24.7057 | 5.92868056 | 13.84 | 24.0416 |
| 5.58967593 | 14.37 | 33.0759 | 5.75923611 | 14.37 | 24.712 | 5.9287963 | 13.84 | 24.0327 |
| 5.58979167 | 14.38 | 32.8664 | 5.75935185 | 14.38 | 27.858 | 5.92891204 | 13.84 | 23.9973 |
| 5.58990741 | 14.38 | 32.8448 | 5.75946759 | 14.38 | 27.338 | 5.92902778 | 13.84 | 24.0475 |
| 5.59002315 | 14.38 | 32.861 | 5.75958333 | 14.37 | 27.5124 | 5.92914352 | 13.84 | 24.0386 |
| 5.59013889 | 14.37 | 32.9236 | 5.75969907 | 14.37 | 28.6178 | 5.92925926 | 13.85 | 24.1065 |
| 5.59025463 | 14.38 | 32.7909 | 5.75981482 | 14.37 | 25.0919 | 5.929375 | 13.85 | 24.1392 |
| 5.59037037 | 14.41 | 32.2877 | 5.75993056 | 14.37 | 26.2191 | 5.92949074 | 13.84 | 24.1544 |
| 5.59048611 | 14.41 | 32.3876 | 5.7600463 | 14.37 | 28.4001 | 5.92960648 | 13.84 | 24.083 |
| 5.59060185 | 14.38 | 32.8125 | 5.76016204 | 14.38 | 27.9949 | 5.92972222 | 13.84 | 24.0979 |
| 5.59071759 | 14.37 | 32.9833 | 5.76027778 | 14.37 | 28.3959 | 5.92983796 | 13.85 | 24.178 |
| 5.59083333 | 14.38 | 32.9585 | 5.76039352 | 14.37 | 28.206 | 5.9299537 | 13.85 | 24.22 |
| 5.59094907 | 14.38 | 32.8125 | 5.76050926 | 14.38 | 28.2562 | 5.93006944 | 13.84 | 24.1395 |
| 5.59106482 | 14.38 | 32.7748 | 5.760625 | 14.38 | 29.3442 | 5.93018519 | 13.83 | 23.9888 |
| 5.59118056 | 14.38 | 32.5769 | 5.76074074 | 14.38 | 28.1169 | 5.93030093 | 13.84 | 24.1097 |
| 5.5912963 | 14.4 | 32.5388 | 5.76085648 | 14.38 | 28.9299 | 5.93041667 | 13.84 | 24.0979 |
| 5.59141204 | 14.4 | 32.228 | 5.76097222 | 14.38 | 28.2274 | 5.93053241 | 13.84 | 24.0741 |
| 5.59152778 | 14.4 | 32.0978 | 5.76108796 | 14.38 | 29.7061 | 5.93064815 | 13.85 | 24.1392 |
| 5.59164352 | 14.41 | 31.4125 | 5.7612037 | 14.38 | 29.7513 | 5.93076389 | 13.85 | 24.19 |
| 5.59175926 | 14.41 | 31.8269 | 5.76131944 | 14.38 | 28.5222 | 5.93087963 | 13.84 | 24.1336 |
| 5.591875 | 14.41 | 31.8065 | 5.76143519 | 14.37 | 27.8051 | 5.93099537 | 13.83 | 24.1607 |
| 5.59199074 | 14.4 | 32.1342 | 5.76155093 | 14.38 | 27.7421 | 5.93111111 | 13.84 | 24.1336 |
| 5.59210648 | 14.41 | 31.3178 | 5.76166667 | 14.38 | 28.8955 | 5.93122685 | 13.85 | 24.1541 |
| 5.59222222 | 14.42 | 30.3198 | 5.76178241 | 14.38 | 28.3016 | 5.93134259 | 13.85 | 24.1482 |
| 5.59233796 | 14.44 | 30.4265 | 5.76189815 | 14.37 | 28.4501 | 5.93145833 | 13.84 | 24.1813 |
| 5.5924537 | 14.41 | 31.6084 | 5.76201389 | 14.38 | 28.9084 | 5.93157407 | 13.85 | 24.235 |
| 5.59256944 | 14.38 | 32.4496 | 5.76212963 | 14.38 | 28.6611 | 5.93168982 | 13.84 | 24.1753 |
| 5.59268519 | 14.42 | 30.4753 | 5.76224537 | 14.38 | 28.4553 | 5.93180556 | 13.84 | 24.1963 |
| 5.59280093 | 14.44 | 30.0574 | 5.76236111 | 14.38 | 28.6908 | 5.9319213 | 13.85 | 24.1691 |
| 5.59291667 | 14.38 | 32.2029 | 5.76247685 | 14.38 | 28.6315 | 5.93203704 | 13.84 | 24.1813 |
| 5.59303241 | 14.38 | 32.4179 | 5.76259259 | 14.38 | 28.7247 | 5.93215278 | 13.84 | 24.1813 |
| 5.59314815 | 14.38 | 32.7748 | 5.76270833 | 14.38 | 28.9644 | 5.93226852 | 13.84 | 24.1664 |
| 5.59326389 | 14.36 | 33.0136 | 5.76282407 | 14.37 | 29.0671 | 5.93238426 | 13.84 | 24.1604 |
| 5.59337963 | 14.34 | 33.0415 | 5.76293982 | 14.38 | 29.103 | 5.9325 | 13.84 | 24.1544 |
| 5.59349537 | 14.36 | 33.0463 | 5.76305556 | 14.38 | 29.1728 | 5.93261574 | 13.84 | 24.1395 |
| 5.59361111 | 14.34 | 32.9817 | 5.7631713 | 14.38 | 29.2429 | 5.93273148 | 13.84 | 24.2053 |
| 5.59372685 | 14.36 | 33.0027 | 5.76328704 | 14.37 | 29.2856 | 5.93284722 | 13.84 | 24.1455 |
| 5.59384259 | 14.36 | 32.7971 | 5.76340278 | 14.38 | 29.4951 | 5.93296296 | 13.84 | 24.1395 |
| 5.59395833 | 14.36 | 32.8456 | 5.76351852 | 14.38 | 29.5085 | 5.9330787 | 13.84 | 24.1246 |
| 5.59407407 | 14.37 | 32.3526 | 5.76363426 | 14.38 | 29.7604 | 5.93319444 | 13.83 | 24.116 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59418982 | 14.37 | 32.4633 | 5.76375 | 14.38 | 29.679 | 5.93331019 | 13.81 | 24.0869 |
| 5.59430556 | 14.38 | 32.4919 | 5.76386574 | 14.38 | 29.697 | 5.93342593 | 13.81 | 24.0278 |
| 5.5944213 | 14.37 | 32.5322 | 5.76398148 | 14.38 | 29.5845 | 5.93354167 | 13.81 | 24.0662 |
| 5.59453704 | 14.37 | 32.4527 | 5.76409722 | 14.38 | 29.5085 | 5.93365741 | 13.81 | 24.0573 |
| 5.59465278 | 14.37 | 32.7028 | 5.76421296 | 14.38 | 29.607 | 5.93377315 | 13.81 | 24.0573 |
| 5.59476852 | 14.36 | 32.851 | 5.7643287 | 14.38 | 29.4417 | 5.93388889 | 13.81 | 24.0662 |
| 5.59488426 | 14.36 | 32.8996 | 5.76444444 | 14.38 | 29.5666 | 5.93400463 | 13.81 | 24.0573 |
| 5.595 | 14.36 | 32.9105 | 5.76456019 | 14.38 | 29.8331 | 5.93412037 | 13.8 | 24.0902 |
| 5.59511574 | 14.36 | 32.8025 | 5.76467593 | 14.38 | 29.9198 | 5.93423611 | 13.81 | 24.0278 |
| 5.59523148 | 14.36 | 32.9321 | 5.76479167 | 14.38 | 29.9106 | 5.93435185 | 13.8 | 24.0429 |
| 5.59534722 | 14.36 | 32.8942 | 5.76490741 | 14.38 | 29.7694 | 5.93446759 | 13.81 | 24.0131 |
| 5.59546296 | 14.36 | 32.8942 | 5.76502315 | 14.38 | 29.6294 | 5.93458333 | 13.8 | 24.0281 |
| 5.5955787 | 14.36 | 32.878 | 5.76513889 | 14.38 | 29.67 | 5.93469907 | 13.81 | 24.0485 |
| 5.59569444 | 14.37 | 32.8857 | 5.76525463 | 14.38 | 29.8149 | 5.93481482 | 13.8 | 24.0429 |
| 5.59581019 | 14.36 | 32.8834 | 5.76537037 | 14.37 | 30.4531 | 5.93493056 | 13.81 | 24.0278 |
| 5.59592593 | 14.36 | 32.9321 | 5.76548611 | 14.37 | 30.326 | 5.9350463 | 13.8 | 24.0046 |
| 5.59604167 | 14.36 | 32.8834 | 5.76560185 | 14.37 | 30.2138 | 5.93516204 | 13.8 | 24.0134 |
| 5.59615741 | 14.36 | 32.9213 | 5.76571759 | 14.37 | 29.6506 | 5.93527778 | 13.8 | 23.9928 |
| 5.59627315 | 14.36 | 32.8996 | 5.76583333 | 14.37 | 29.859 | 5.93539352 | 13.8 | 23.9928 |
| 5.59638889 | 14.36 | 32.8942 | 5.76594907 | 14.38 | 29.9886 | 5.93550926 | 13.8 | 23.9987 |
| 5.59650463 | 14.37 | 32.8911 | 5.76606482 | 14.38 | 29.961 | 5.935625 | 13.8 | 24.0134 |
| 5.59662037 | 14.37 | 32.8102 | 5.76618056 | 14.37 | 30.2605 | 5.93574074 | 13.81 | 23.9631 |
| 5.59673611 | 14.36 | 32.8187 | 5.7662963 | 14.37 | 30.3401 | 5.93585648 | 13.81 | 23.9572 |
| 5.59685185 | 14.37 | 32.8048 | 5.76641204 | 14.34 | 30.961 | 5.93597222 | 13.8 | 23.9869 |
| 5.59696759 | 14.38 | 32.6569 | 5.76652778 | 14.36 | 30.9111 | 5.93608796 | 13.78 | 23.9847 |
| 5.59708333 | 14.37 | 32.751 | 5.76664352 | 14.34 | 31.0684 | 5.9362037 | 13.81 | 23.9572 |
| 5.59719907 | 14.38 | 32.7157 | 5.76675926 | 14.34 | 30.9854 | 5.93631944 | 13.81 | 23.9778 |
| 5.59731482 | 14.37 | 32.7994 | 5.766875 | 14.34 | 31.0292 | 5.93643519 | 13.78 | 23.9847 |
| 5.59743056 | 14.37 | 32.8048 | 5.76699074 | 14.33 | 31.0666 | 5.93655093 | 13.8 | 23.9576 |
| 5.5975463 | 14.37 | 32.6653 | 5.76710648 | 14.33 | 31.0519 | 5.93666667 | 13.8 | 23.9781 |
| 5.59766204 | 14.38 | 32.318 | 5.76722222 | 14.33 | 30.8575 | 5.93678241 | 13.81 | 23.9719 |
| 5.59777778 | 14.37 | 32.4369 | 5.76733796 | 14.34 | 30.8254 | 5.93689815 | 13.81 | 23.9367 |
| 5.59789352 | 14.37 | 32.7296 | 5.7674537 | 14.33 | 30.7707 | 5.93701389 | 13.8 | 23.9635 |
| 5.59800926 | 14.37 | 32.7564 | 5.76756944 | 14.36 | 30.2123 | 5.93712963 | 13.8 | 23.9547 |
| 5.598125 | 14.38 | 32.6622 | 5.76768519 | 14.33 | 30.6987 | 5.93724537 | 13.8 | 23.9429 |
| 5.59824074 | 14.38 | 32.5609 | 5.76780093 | 14.33 | 30.7803 | 5.93736111 | 13.81 | 23.9514 |
| 5.59835648 | 14.38 | 32.4602 | 5.76791667 | 14.37 | 29.8271 | 5.93747685 | 13.8 | 23.9196 |
| 5.59847222 | 14.38 | 32.6088 | 5.76803241 | 14.37 | 30.0055 | 5.93759259 | 13.81 | 24.0072 |
| 5.59858796 | 14.4 | 32.5494 | 5.76814815 | 14.36 | 30.2496 | 5.93770833 | 13.81 | 23.9426 |
| 5.5987037 | 14.38 | 32.5822 | 5.76826389 | 14.38 | 29.8513 | 5.93782407 | 13.81 | 23.928 |
| 5.59881944 | 14.38 | 32.3442 | 5.76837963 | 14.37 | 29.9275 | 5.93793982 | 13.81 | 23.9221 |
| 5.59893519 | 14.38 | 32.4867 | 5.76849537 | 14.38 | 29.6429 | 5.93805556 | 13.81 | 23.9631 |
| 5.59905093 | 14.38 | 32.5769 | 5.76861111 | 14.38 | 29.6564 | 5.9381713 | 13.81 | 23.9367 |
| 5.59916667 | 14.37 | 32.5853 | 5.76872685 | 14.37 | 29.6956 | 5.93828704 | 13.8 | 23.9576 |
| 5.59928241 | 14.38 | 32.6408 | 5.76884259 | 14.38 | 29.6294 | 5.93840278 | 13.81 | 23.9514 |
| 5.59939815 | 14.37 | 32.5322 | 5.76895833 | 14.37 | 29.8909 | 5.93851852 | 13.81 | 23.9631 |
| 5.59951389 | 14.38 | 32.5185 | 5.76907407 | 14.38 | 29.865 | 5.93863426 | 13.83 | 24.1517 |
| 5.59962963 | 14.38 | 32.5609 | 5.76918982 | 14.37 | 29.9642 | 5.93875 | 13.81 | 24.2211 |
| 5.59974537 | 14.4 | 32.4276 | 5.76930556 | 14.37 | 30.0285 | 5.93886574 | 13.81 | 24.1047 |
| 5.59986111 | 14.38 | 32.5663 | 5.7694213 | 14.37 | 30.0654 | 5.93898148 | 13.83 | 24.3199 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59997685 | 14.38 | 32.6142 | 5.76953704 | 14.37 | 28.7746 | 5.93909722 | 13.83 | 24.2175 |
| 5.60009259 | 14.38 | 32.5982 | 5.76965278 | 14.37 | 29.6506 | 5.93921296 | 13.83 | 24.3989 |
| 5.60020833 | 14.37 | 32.6226 | 5.76976852 | 14.36 | 29.8166 | 5.9393287 | 13.84 | 24.5581 |
| 5.60032407 | 14.37 | 32.58 | 5.76988426 | 14.36 | 30.0409 | 5.93944444 | 13.84 | 24.6479 |
| 5.60043982 | 14.38 | 32.545 | 5.77 | 14.36 | 30.217 | 5.93956019 | 13.87 | 24.9117 |
| 5.60055556 | 14.38 | 32.5609 | 5.77011574 | 14.34 | 30.3401 | 5.93967593 | 13.85 | 24.931 |
| 5.6006713 | 14.38 | 32.545 | 5.77023148 | 14.36 | 30.3198 | 5.93979167 | 13.87 | 24.9181 |
| 5.60078704 | 14.4 | 32.4276 | 5.77034722 | 14.34 | 30.2232 | 5.93990741 | 13.84 | 24.7918 |
| 5.60090278 | 14.4 | 32.317 | 5.77046296 | 14.34 | 30.4153 | 5.94002315 | 13.84 | 24.5704 |
| 5.60101852 | 14.4 | 32.3328 | 5.7705787 | 14.34 | 30.098 | 5.94013889 | 13.85 | 24.839 |
| 5.60113426 | 14.4 | 32.417 | 5.77069444 | 14.34 | 29.873 | 5.94025463 | 13.84 | 24.5057 |
| 5.60125 | 14.41 | 32.2353 | 5.77081019 | 14.36 | 29.9995 | 5.94037037 | 13.81 | 24.2001 |
| 5.60136574 | 14.41 | 32.0274 | 5.77092593 | 14.36 | 30.0455 | 5.94048611 | 13.81 | 24.0692 |
| 5.60148148 | 14.41 | 32.3139 | 5.77104167 | 14.36 | 30.0732 | 5.94060185 | 13.81 | 24.1434 |
| 5.60159722 | 14.4 | 32.5017 | 5.77115741 | 14.36 | 30.0179 | 5.94071759 | 13.81 | 24.1702 |
| 5.60171296 | 14.41 | 32.2353 | 5.77127315 | 14.36 | 29.8484 | 5.94083333 | 13.81 | 24.1285 |
| 5.6018287 | 14.4 | 32.4117 | 5.77138889 | 14.36 | 29.8621 | 5.94094907 | 13.8 | 24.034 |
| 5.60194444 | 14.41 | 32.2929 | 5.77150463 | 14.34 | 29.5881 | 5.94106482 | 13.81 | 24.0278 |
| 5.60206019 | 14.4 | 32.3223 | 5.77162037 | 14.34 | 29.8912 | 5.94118056 | 13.8 | 24.0046 |
| 5.60217593 | 14.4 | 32.3433 | 5.77173611 | 14.36 | 30.1797 | 5.9412963 | 13.81 | 24.0337 |
| 5.60229167 | 14.38 | 32.5185 | 5.77185185 | 14.36 | 30.2496 | 5.94141204 | 13.81 | 24.019 |
| 5.60240741 | 14.38 | 32.6195 | 5.77196759 | 14.36 | 30.0963 | 5.94152778 | 13.8 | 24.0547 |
| 5.60252315 | 14.38 | 32.5982 | 5.77208333 | 14.36 | 30.1148 | 5.94164352 | 13.8 | 23.984 |
| 5.60263889 | 14.38 | 32.6355 | 5.77219907 | 14.37 | 30.2278 | 5.94175926 | 13.8 | 23.9693 |
| 5.60275463 | 14.47 | 28.2485 | 5.77231482 | 14.37 | 30.2138 | 5.941875 | 13.81 | 23.9719 |
| 5.60287037 | 14.45 | 29.7793 | 5.77243056 | 14.37 | 30.2511 | 5.94199074 | 13.8 | 24.0902 |
| 5.60298611 | 14.41 | 31.7963 | 5.7725463 | 14.37 | 30.326 | 5.94210648 | 13.8 | 24.0547 |
| 5.60310185 | 14.51 | 25.987 | 5.77266204 | 14.36 | 30.2449 | 5.94222222 | 13.8 | 23.9987 |
| 5.60321759 | 14.44 | 31.0323 | 5.77277778 | 14.36 | 30.1937 | 5.94233796 | 13.8 | 23.984 |
| 5.60333333 | 14.41 | 31.873 | 5.77289352 | 14.31 | 30.9607 | 5.9424537 | 13.8 | 23.9635 |
| 5.60344907 | 14.41 | 32.1519 | 5.77300926 | 14.31 | 30.4106 | 5.94256944 | 13.78 | 23.9906 |
| 5.60356482 | 14.4 | 32.0823 | 5.773125 | 14.31 | 30.9219 | 5.94268519 | 13.8 | 23.9488 |
| 5.60368056 | 14.38 | 32.2917 | 5.77324074 | 14.3 | 30.8283 | 5.94280093 | 13.78 | 23.9671 |
| 5.6037963 | 14.38 | 32.3968 | 5.77335648 | 14.3 | 30.7033 | 5.94291667 | 13.8 | 23.984 |
| 5.60391204 | 14.37 | 32.4897 | 5.77347222 | 14.3 | 30.9444 | 5.94303241 | 13.8 | 23.9635 |
| 5.60402778 | 14.37 | 32.2896 | 5.77358796 | 14.29 | 30.9184 | 5.94314815 | 13.8 | 23.9547 |
| 5.60414352 | 14.37 | 32.2948 | 5.7737037 | 14.29 | 30.9039 | 5.94326389 | 13.8 | 23.9693 |
| 5.60425926 | 14.37 | 32.4633 | 5.77381944 | 14.3 | 30.7897 | 5.94337963 | 13.8 | 23.9547 |
| 5.604375 | 14.34 | 32.696 | 5.77393519 | 14.29 | 30.8942 | 5.94349537 | 13.8 | 23.9429 |
| 5.60449074 | 14.34 | 32.7818 | 5.77405093 | 14.3 | 30.6651 | 5.94361111 | 13.8 | 23.9342 |
| 5.60460648 | 14.34 | 32.771 | 5.77416667 | 14.33 | 30.4751 | 5.94372685 | 13.8 | 23.9488 |
| 5.60472222 | 14.36 | 32.6577 | 5.77428241 | 14.29 | 31.1036 | 5.94384259 | 13.8 | 23.9342 |
| 5.60483796 | 14.36 | 32.6257 | 5.77439815 | 14.29 | 31.0254 | 5.94395833 | 13.8 | 23.9429 |
| 5.6049537 | 14.36 | 32.7005 | 5.77451389 | 14.29 | 31.04 | 5.94407407 | 13.8 | 23.9488 |
| 5.60506944 | 14.36 | 32.5884 | 5.77462963 | 14.29 | 30.8507 | 5.94418982 | 13.78 | 23.932 |
| 5.60518519 | 14.36 | 32.6791 | 5.77474537 | 14.34 | 30.1953 | 5.94430556 | 13.8 | 23.9196 |
| 5.60530093 | 14.36 | 32.7166 | 5.77486111 | 14.33 | 30.2357 | 5.9444213 | 13.8 | 23.8991 |
| 5.60541667 | 14.34 | 32.7496 | 5.77497685 | 14.33 | 30.0181 | 5.94453704 | 13.81 | 24.3659 |
| 5.60553241 | 14.34 | 32.7388 | 5.77509259 | 14.33 | 30.1799 | 5.94465278 | 13.81 | 24.442 |
| 5.60564815 | 14.34 | 32.7496 | 5.77520833 | 14.33 | 30.1799 | 5.94476852 | 13.83 | 24.4202 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60576389 | 14.34 | 32.7281 | 5.77532407 | 14.33 | 30.0595 | 5.94488426 | 13.84 | 24.5859 |
| 5.60587963 | 14.34 | 32.6639 | 5.77543982 | 14.33 | 29.7127 | 5.945 | 13.84 | 24.7385 |
| 5.60599537 | 14.33 | 32.6724 | 5.77555556 | 14.33 | 29.9081 | 5.94511574 | 13.85 | 24.7164 |
| 5.60611111 | 14.33 | 32.6137 | 5.7756713 | 14.34 | 29.8092 | 5.94523148 | 13.84 | 24.7447 |
| 5.60622685 | 14.33 | 32.6243 | 5.77578704 | 14.34 | 30.0058 | 5.94534722 | 13.84 | 24.6324 |
| 5.60634259 | 14.34 | 32.6906 | 5.77590278 | 14.34 | 29.8092 | 5.94546296 | 13.84 | 24.6915 |
| 5.60645833 | 14.34 | 32.7335 | 5.77601852 | 14.34 | 30.1674 | 5.9455787 | 13.84 | 24.7291 |
| 5.60657407 | 14.34 | 32.7335 | 5.77613426 | 14.34 | 30.1814 | 5.94569444 | 13.83 | 24.6233 |
| 5.60668982 | 14.36 | 32.631 | 5.77625 | 14.34 | 30.1721 | 5.94581019 | 13.84 | 24.6915 |
| 5.60680556 | 14.34 | 32.6799 | 5.77636574 | 14.34 | 29.8274 | 5.94592593 | 13.84 | 24.7291 |
| 5.6069213 | 14.34 | 32.7013 | 5.77648148 | 14.33 | 30.1242 | 5.94604167 | 13.84 | 24.7824 |
| 5.60703704 | 14.34 | 32.7496 | 5.77659722 | 14.34 | 30.1072 | 5.94615741 | 13.84 | 24.7447 |
| 5.60715278 | 14.34 | 32.7388 | 5.77671296 | 14.33 | 30.2544 | 5.94627315 | 13.84 | 24.7072 |
| 5.60726852 | 14.33 | 32.6991 | 5.7768287 | 14.34 | 30.1165 | 5.94638889 | 13.84 | 24.5766 |
| 5.60738426 | 14.34 | 32.6693 | 5.77694444 | 14.34 | 30.1814 | 5.94650463 | 13.81 | 24.3659 |
| 5.6075 | 14.33 | 32.6991 | 5.77706019 | 14.34 | 30.1165 | 5.94662037 | 13.83 | 24.3989 |
| 5.60761574 | 14.33 | 32.7259 | 5.77717593 | 14.34 | 30.2699 | 5.94673611 | 13.81 | 24.2271 |
| 5.60773148 | 14.34 | 32.696 | 5.77729167 | 14.34 | 30.3213 | 5.94685185 | 13.8 | 24.0902 |
| 5.60784722 | 14.34 | 32.6372 | 5.77740741 | 14.33 | 29.9905 | 5.94696759 | 13.8 | 23.9488 |
| 5.60796296 | 14.34 | 32.6479 | 5.77752315 | 14.34 | 30.2792 | 5.94708333 | 13.78 | 24.1027 |
| 5.6080787 | 14.34 | 32.7013 | 5.77763889 | 14.33 | 30.2777 | 5.94719907 | 13.77 | 23.9733 |
| 5.60819444 | 14.36 | 32.6524 | 5.77775463 | 14.33 | 30.4373 | 5.94731482 | 13.78 | 23.9261 |
| 5.60831019 | 14.36 | 32.6204 | 5.77787037 | 14.33 | 30.2777 | 5.94743056 | 13.78 | 23.9057 |
| 5.60842593 | 14.36 | 32.5724 | 5.77798611 | 14.33 | 30.0043 | 5.9475463 | 13.78 | 23.9028 |
| 5.60854167 | 14.36 | 32.4664 | 5.77810185 | 14.33 | 30.0365 | 5.94766204 | 13.78 | 23.9028 |
| 5.60865741 | 14.34 | 32.4832 | 5.77821759 | 14.33 | 29.551 | 5.94777778 | 13.78 | 23.9378 |
| 5.60877315 | 14.36 | 32.4136 | 5.77833333 | 14.33 | 30.0135 | 5.94789352 | 13.78 | 23.9261 |
| 5.60888889 | 14.36 | 32.4136 | 5.77844907 | 14.33 | 30.152 | 5.94800926 | 13.78 | 23.8824 |
| 5.60900463 | 14.36 | 32.3347 | 5.77856482 | 14.33 | 30.1011 | 5.948125 | 13.77 | 23.9119 |
| 5.60912037 | 14.36 | 32.2665 | 5.77868056 | 14.31 | 29.9555 | 5.94824074 | 13.78 | 23.8882 |
| 5.60923611 | 14.37 | 32.2112 | 5.7787963 | 14.33 | 29.9126 | 5.94835648 | 13.8 | 23.9137 |
| 5.60935185 | 14.36 | 32.2822 | 5.77891204 | 14.33 | 30.1892 | 5.94847222 | 13.78 | 23.9759 |
| 5.60946759 | 14.37 | 32.253 | 5.77902778 | 14.33 | 30.2497 | 5.94858796 | 13.8 | 23.9342 |
| 5.60958333 | 14.36 | 32.3767 | 5.77914352 | 14.33 | 30.0734 | 5.9487037 | 13.78 | 23.9261 |
| 5.60969907 | 14.37 | 32.2791 | 5.77925926 | 14.31 | 30.029 | 5.94881944 | 13.76 | 23.9094 |
| 5.60981482 | 14.37 | 32.2321 | 5.779375 | 14.31 | 30.006 | 5.94893519 | 13.78 | 23.932 |
| 5.60993056 | 14.37 | 32.2321 | 5.77949074 | 14.31 | 30.2746 | 5.94905093 | 13.78 | 23.9466 |
| 5.6100463 | 14.37 | 32.2477 | 5.77960648 | 14.31 | 30.0982 | 5.94916667 | 13.78 | 23.9028 |
| 5.61016204 | 14.36 | 32.3137 | 5.77972222 | 14.31 | 30.228 | 5.94928241 | 13.77 | 23.9119 |
| 5.61027778 | 14.37 | 32.2582 | 5.77983796 | 14.3 | 29.881 | 5.94939815 | 13.77 | 23.8973 |
| 5.61039352 | 14.37 | 32.2164 | 5.7799537 | 14.31 | 30.1398 | 5.94951389 | 13.78 | 23.8969 |
| 5.61050926 | 14.37 | 32.1851 | 5.78006944 | 14.3 | 30.1244 | 5.94962963 | 13.78 | 23.8824 |
| 5.610625 | 14.37 | 32.1643 | 5.78018519 | 14.3 | 30.194 | 5.94974537 | 13.78 | 23.8824 |
| 5.61074074 | 14.37 | 32.1435 | 5.78030093 | 14.31 | 29.951 | 5.94986111 | 13.78 | 23.8824 |
| 5.61085648 | 14.37 | 32.1227 | 5.78041667 | 14.3 | 30.6555 | 5.94997685 | 13.78 | 23.9057 |
| 5.61097222 | 14.38 | 32.2081 | 5.78053241 | 14.31 | 30.5287 | 5.95009259 | 13.77 | 23.8828 |
| 5.61108796 | 14.37 | 32.2216 | 5.78064815 | 14.3 | 30.3433 | 5.95020833 | 13.78 | 24.1384 |
| 5.6112037 | 14.38 | 32.2342 | 5.78076389 | 14.3 | 30.2079 | 5.95032407 | 13.8 | 24.1974 |
| 5.61131944 | 14.38 | 32.2133 | 5.78087963 | 14.3 | 30.2126 | 5.95043982 | 13.78 | 24.082 |
| 5.61143519 | 14.4 | 32.1498 | 5.78099537 | 14.31 | 30.3777 | 5.95055556 | 13.8 | 24.4026 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61155093 | 14.4 | 32.1186 | 5.78111111 | 14.3 | 30.3339 | 5.9506713 | 13.8 | 24.2634 |
| 5.61166667 | 14.4 | 32.1342 | 5.78122685 | 14.3 | 30.3808 | 5.95078704 | 13.8 | 24.4026 |
| 5.61178241 | 14.4 | 32.0615 | 5.78134259 | 14.3 | 30.2172 | 5.95090278 | 13.8 | 24.3662 |
| 5.61189815 | 14.38 | 31.9954 | 5.78145833 | 14.3 | 30.0921 | 5.95101852 | 13.8 | 24.3722 |
| 5.61201389 | 14.38 | 32.182 | 5.78157407 | 14.3 | 30.1661 | 5.95113426 | 13.8 | 24.4392 |
| 5.61212963 | 14.38 | 32.1716 | 5.78168982 | 14.3 | 30.2033 | 5.95125 | 13.81 | 24.5063 |
| 5.61224537 | 14.38 | 32.229 | 5.78180556 | 14.31 | 30.4012 | 5.95136574 | 13.81 | 24.5063 |
| 5.61236111 | 14.4 | 32.1914 | 5.7819213 | 14.3 | 30.6126 | 5.95148148 | 13.83 | 24.5675 |
| 5.61247685 | 14.4 | 32.0926 | 5.78203704 | 14.31 | 30.5524 | 5.95159722 | 13.81 | 24.5279 |
| 5.61259259 | 14.4 | 32.0047 | 5.78215278 | 14.3 | 30.6508 | 5.95171296 | 13.81 | 24.3659 |
| 5.61270833 | 14.38 | 32.1768 | 5.78226852 | 14.31 | 30.7194 | 5.9518287 | 13.81 | 24.4695 |
| 5.61282407 | 14.38 | 32.1456 | 5.78238426 | 14.3 | 30.8766 | 5.95194444 | 13.81 | 24.4849 |
| 5.61293982 | 14.38 | 32.0885 | 5.7825 | 14.3 | 30.9784 | 5.95206019 | 13.81 | 24.4634 |
| 5.61305556 | 14.4 | 32.1082 | 5.78261574 | 14.3 | 30.9638 | 5.95217593 | 13.81 | 24.4634 |
| 5.6131713 | 14.4 | 32.0719 | 5.78273148 | 14.3 | 30.9008 | 5.95229167 | 13.81 | 24.4481 |
| 5.61328704 | 14.38 | 32.1196 | 5.78284722 | 14.29 | 30.9136 | 5.95240741 | 13.8 | 24.3813 |
| 5.61340278 | 14.38 | 32.0885 | 5.78296296 | 14.29 | 30.9039 | 5.95252315 | 13.78 | 24.3182 |
| 5.61351852 | 14.37 | 32.2112 | 5.7830787 | 14.3 | 30.8572 | 5.95263889 | 13.78 | 24.0082 |
| 5.61363426 | 14.38 | 32.2499 | 5.78319444 | 14.29 | 30.6205 | 5.95275463 | 13.78 | 24.1027 |
| 5.61375 | 14.38 | 32.2499 | 5.78331019 | 14.3 | 30.8234 | 5.95287037 | 13.78 | 24.1295 |
| 5.61386574 | 14.38 | 32.2029 | 5.78342593 | 14.29 | 30.8942 | 5.95298611 | 13.77 | 23.9792 |
| 5.61398148 | 14.38 | 32.276 | 5.78354167 | 14.3 | 30.9736 | 5.95310185 | 13.77 | 23.9528 |
| 5.61409722 | 14.38 | 32.3022 | 5.78365741 | 14.29 | 31.0547 | 5.95321759 | 13.76 | 23.9737 |
| 5.61421296 | 14.37 | 32.253 | 5.78377315 | 14.29 | 31.0742 | 5.95333333 | 13.76 | 23.9356 |
| 5.6143287 | 14.38 | 32.1924 | 5.78388889 | 14.29 | 31.0742 | 5.95344907 | 13.76 | 23.9239 |
| 5.61444444 | 14.37 | 32.1955 | 5.78400463 | 14.3 | 30.9104 | 5.95356482 | 13.77 | 23.9177 |
| 5.61456019 | 14.38 | 32.0315 | 5.78412037 | 14.3 | 30.959 | 5.95368056 | 13.76 | 23.9239 |
| 5.61467593 | 14.4 | 31.9995 | 5.78423611 | 14.29 | 30.3887 | 5.9537963 | 13.76 | 23.9094 |
| 5.61479167 | 14.4 | 31.9377 | 5.78435185 | 14.27 | 30.3574 | 5.95391204 | 13.76 | 23.9239 |
| 5.61490741 | 14.4 | 31.7739 | 5.78446759 | 14.29 | 30.4122 | 5.95402778 | 13.76 | 23.9385 |
| 5.61502315 | 14.38 | 32.2029 | 5.78458333 | 14.27 | 30.4562 | 5.95414352 | 13.74 | 23.9014 |
| 5.61513889 | 14.38 | 32.2342 | 5.78469907 | 14.29 | 30.3183 | 5.95425926 | 13.74 | 23.913 |
| 5.61525463 | 14.38 | 32.2551 | 5.78481482 | 14.29 | 30.3043 | 5.954375 | 13.76 | 23.8948 |
| 5.61537037 | 14.37 | 32.2739 | 5.78493056 | 14.29 | 30.239 | 5.95449074 | 13.74 | 23.9276 |
| 5.61548611 | 14.38 | 32.3442 | 5.7850463 | 14.29 | 30.225 | 5.95460648 | 13.76 | 23.9298 |
| 5.61560185 | 14.37 | 32.2686 | 5.78516204 | 14.27 | 30.2639 | 5.95472222 | 13.74 | 23.9218 |
| 5.61571759 | 14.37 | 32.2686 | 5.78527778 | 14.29 | 30.2763 | 5.95483796 | 13.76 | 23.889 |
| 5.61583333 | 14.38 | 32.276 | 5.78539352 | 14.29 | 30.2064 | 5.9549537 | 13.76 | 23.8599 |
| 5.61594907 | 14.37 | 32.2896 | 5.78550926 | 14.29 | 30.2343 | 5.95506944 | 13.76 | 23.8599 |
| 5.61606482 | 14.38 | 32.276 | 5.785625 | 14.29 | 30.2204 | 5.95518519 | 13.74 | 23.9014 |
| 5.61618056 | 14.37 | 32.2739 | 5.78574074 | 14.27 | 30.2546 | 5.95530093 | 13.76 | 23.8657 |
| 5.6162963 | 14.37 | 32.2948 | 5.78585648 | 14.27 | 30.2593 | 5.95541667 | 13.76 | 23.8744 |
| 5.61641204 | 14.37 | 32.3263 | 5.78597222 | 14.27 | 30.3106 | 5.95553241 | 13.74 | 23.9072 |
| 5.61652778 | 14.37 | 32.2477 | 5.78608796 | 14.27 | 30.3106 | 5.95564815 | 13.74 | 23.8868 |
| 5.61664352 | 14.37 | 32.2791 | 5.7862037 | 14.27 | 30.3621 | 5.95576389 | 13.76 | 23.9298 |
| 5.61675926 | 14.36 | 32.2508 | 5.78631944 | 14.27 | 30.3387 | 5.95587963 | 13.77 | 24.1357 |
| 5.616875 | 14.36 | 32.3032 | 5.78643519 | 14.27 | 30.3668 | 5.95599537 | 13.77 | 24.1864 |
| 5.61699074 | 14.36 | 32.2665 | 5.78655093 | 14.27 | 30.3762 | 5.95611111 | 13.78 | 24.267 |
| 5.61710648 | 14.37 | 32.2844 | 5.78666667 | 14.29 | 30.4122 | 5.95622685 | 13.78 | 24.252 |
| 5.61722222 | 14.37 | 32.2948 | 5.78678241 | 14.27 | 30.4044 | 5.95634259 | 13.78 | 24.3394 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61733796 | 14.37 | 32.3053 | 5.78689815 | 14.27 | 30.7703 | 5.95645833 | 13.78 | 24.2881 |
| 5.6174537 | 14.37 | 32.2582 | 5.78701389 | 14.29 | 30.7688 | 5.95657407 | 13.78 | 24.276 |
| 5.61756944 | 14.38 | 32.2917 | 5.78712963 | 14.29 | 30.7448 | 5.95668982 | 13.77 | 24.2313 |
| 5.61768519 | 14.38 | 32.276 | 5.78724537 | 14.29 | 30.7161 | 5.95680556 | 13.78 | 24.276 |
| 5.61780093 | 14.38 | 32.229 | 5.78736111 | 14.29 | 30.8894 | 5.9569213 | 13.78 | 24.3636 |
| 5.61791667 | 14.38 | 32.3022 | 5.78747685 | 14.29 | 30.7544 | 5.95703704 | 13.8 | 24.3662 |
| 5.61803241 | 14.4 | 32.1914 | 5.78759259 | 14.29 | 30.7977 | 5.95715278 | 13.78 | 24.3333 |
| 5.61814815 | 14.38 | 32.2446 | 5.78770833 | 14.29 | 30.7784 | 5.95726852 | 13.78 | 24.3606 |
| 5.61826389 | 14.38 | 32.2081 | 5.78782407 | 14.29 | 30.6778 | 5.95738426 | 13.78 | 24.3788 |
| 5.61837963 | 14.38 | 32.2185 | 5.78793982 | 14.27 | 30.6078 | 5.9575 | 13.8 | 24.3117 |
| 5.61849537 | 14.4 | 32.3013 | 5.78805556 | 14.26 | 30.5966 | 5.95761574 | 13.78 | 24.225 |
| 5.61861111 | 14.38 | 32.2708 | 5.7881713 | 14.26 | 30.5729 | 5.95773148 | 13.76 | 24.0442 |
| 5.61872685 | 14.38 | 32.2185 | 5.78828704 | 14.26 | 30.5824 | 5.95784722 | 13.76 | 24.0767 |
| 5.61884259 | 14.38 | 32.1872 | 5.78840278 | 14.26 | 30.5539 | 5.95796296 | 13.78 | 24.225 |
| 5.61895833 | 14.38 | 32.1716 | 5.78851852 | 14.26 | 30.5966 | 5.9580787 | 13.77 | 24.2733 |
| 5.61907407 | 14.38 | 31.826 | 5.78863426 | 14.24 | 30.622 | 5.95819444 | 13.8 | 24.2694 |
| 5.61918982 | 14.4 | 31.984 | 5.78875 | 14.26 | 30.6872 | 5.95831019 | 13.77 | 24.1357 |
| 5.61930556 | 14.38 | 32.1144 | 5.78886574 | 14.26 | 30.6633 | 5.95842593 | 13.77 | 24.1446 |
| 5.6194213 | 14.38 | 32.1456 | 5.78898148 | 14.26 | 30.6109 | 5.95854167 | 13.76 | 24.0501 |
| 5.61953704 | 14.4 | 32.0667 | 5.78909722 | 14.26 | 30.6777 | 5.95865741 | 13.76 | 23.959 |
| 5.61965278 | 14.38 | 32.1352 | 5.78921296 | 14.24 | 30.5507 | 5.95877315 | 13.74 | 23.8723 |
| 5.61976852 | 14.4 | 32.0823 | 5.7893287 | 14.26 | 30.5444 | 5.95888889 | 13.71 | 23.8271 |
| 5.61988426 | 14.4 | 31.1035 | 5.78944444 | 14.26 | 30.5824 | 5.95900463 | 13.73 | 23.8495 |
| 5.62 | 14.42 | 29.775 | 5.78956019 | 14.26 | 30.5587 | 5.95912037 | 13.74 | 23.9364 |
| 5.62011574 | 14.45 | 28.429 | 5.78967593 | 14.26 | 30.5634 | 5.95923611 | 13.74 | 23.9014 |
| 5.62023148 | 14.41 | 30.1409 | 5.78979167 | 14.24 | 30.6125 | 5.95935185 | 13.76 | 23.9502 |
| 5.62034722 | 14.42 | 30.0729 | 5.78990741 | 14.26 | 30.5824 | 5.95946759 | 13.76 | 23.9006 |
| 5.62046296 | 14.44 | 28.453 | 5.79002315 | 14.26 | 30.535 | 5.95958333 | 13.76 | 23.9561 |
| 5.6205787 | 14.44 | 29.3121 | 5.79013889 | 14.26 | 30.5539 | 5.95969907 | 13.76 | 23.8802 |
| 5.62069444 | 14.44 | 28.9197 | 5.79025463 | 14.26 | 30.5681 | 5.95981482 | 13.76 | 23.9239 |
| 5.62081019 | 14.45 | 28.5337 | 5.79037037 | 14.26 | 30.5539 | 5.95993056 | 13.74 | 23.8578 |
| 5.62092593 | 14.44 | 28.5158 | 5.79048611 | 14.26 | 30.5681 | 5.9600463 | 13.74 | 23.8723 |
| 5.62104167 | 14.44 | 27.8912 | 5.79060185 | 14.26 | 30.5729 | 5.96016204 | 13.74 | 23.9627 |
| 5.62115741 | 14.45 | 27.3974 | 5.79071759 | 14.26 | 30.5681 | 5.96027778 | 13.74 | 23.8578 |
| 5.62127315 | 14.45 | 26.2116 | 5.79083333 | 14.26 | 30.5539 | 5.96039352 | 13.74 | 23.8578 |
| 5.62138889 | 14.42 | 29.8023 | 5.79094907 | 14.26 | 30.5919 | 5.96050926 | 13.73 | 23.8582 |
| 5.62150463 | 14.41 | 30.9149 | 5.79106482 | 14.26 | 30.5776 | 5.960625 | 13.74 | 23.9072 |
| 5.62162037 | 14.42 | 30.4564 | 5.79118056 | 14.26 | 30.6062 | 5.96074074 | 13.74 | 23.8868 |
| 5.62173611 | 14.44 | 28.7739 | 5.7912963 | 14.26 | 30.6777 | 5.96085648 | 13.76 | 23.8802 |
| 5.62185185 | 14.45 | 28.6518 | 5.79141204 | 14.26 | 30.5776 | 5.96097222 | 13.74 | 23.8781 |
| 5.62196759 | 14.45 | 28.2548 | 5.79152778 | 14.26 | 30.5919 | 5.96108796 | 13.74 | 23.9364 |
| 5.62208333 | 14.41 | 30.7649 | 5.79164352 | 14.26 | 30.6204 | 5.9612037 | 13.74 | 23.9568 |
| 5.62219907 | 14.42 | 29.336 | 5.79175926 | 14.27 | 30.6125 | 5.96131944 | 13.74 | 23.9364 |
| 5.62231482 | 14.41 | 31.0074 | 5.791875 | 14.26 | 30.692 | 5.96143519 | 13.74 | 23.9072 |
| 5.62243056 | 14.42 | 30.4611 | 5.79199074 | 14.27 | 30.6745 | 5.96155093 | 13.74 | 23.9218 |
| 5.6225463 | 14.41 | 30.9343 | 5.79210648 | 14.27 | 30.6602 | 5.96166667 | 13.74 | 23.992 |
| 5.62266204 | 14.41 | 31.0563 | 5.79222222 | 14.26 | 30.6443 | 5.96178241 | 13.76 | 24.062 |
| 5.62277778 | 14.42 | 28.995 | 5.79233796 | 14.27 | 30.665 | 5.96189815 | 13.74 | 23.9481 |
| 5.62289352 | 14.4 | 31.8198 | 5.7924537 | 14.26 | 30.6681 | 5.96201389 | 13.74 | 23.9715 |
| 5.62300926 | 14.47 | 26.6077 | 5.79256944 | 14.26 | 30.6062 | 5.96212963 | 13.76 | 24.0148 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.623125 | 14.45 | 27.8078 | 5.79268519 | 14.26 | 30.6586 | 5.96224537 | 13.76 | 24.0354 |
| 5.62324074 | 14.45 | 27.4363 | 5.79280093 | 14.26 | 30.6872 | 5.96236111 | 13.76 | 24.0148 |
| 5.62335648 | 14.48 | 25.2847 | 5.79291667 | 14.26 | 30.6443 | 5.96247685 | 13.76 | 24.1004 |
| 5.62347222 | 14.52 | 22.6401 | 5.79303241 | 14.26 | 30.6824 | 5.96259259 | 13.76 | 24.1063 |
| 5.62358796 | 14.58 | 18.9857 | 5.79314815 | 14.27 | 30.708 | 5.96270833 | 13.74 | 24.039 |
| 5.6237037 | 14.55 | 22.3345 | 5.79326389 | 14.27 | 30.6316 | 5.96282407 | 13.77 | 24.4034 |
| 5.62381944 | 14.58 | 19.8755 | 5.79337963 | 14.27 | 30.6888 | 5.96293982 | 13.78 | 24.5408 |
| 5.62393519 | 14.59 | 19.324 | 5.79349537 | 14.26 | 30.7159 | 5.96305556 | 13.76 | 24.1123 |
| 5.62405093 | 14.49 | 26.7754 | 5.79361111 | 14.26 | 30.7207 | 5.9631713 | 13.77 | 24.1715 |
| 5.62416667 | 14.48 | 26.8383 | 5.79372685 | 14.27 | 30.6697 | 5.96328704 | 13.76 | 24.0767 |
| 5.62428241 | 14.45 | 28.3375 | 5.79384259 | 14.26 | 30.7207 | 5.96340278 | 13.74 | 24.0538 |
| 5.62439815 | 14.41 | 31.2731 | 5.79395833 | 14.27 | 30.7223 | 5.96351852 | 13.73 | 23.9836 |
| 5.62451389 | 14.4 | 31.5057 | 5.79407407 | 14.27 | 30.7367 | 5.96363426 | 13.74 | 24.0833 |
| 5.62462963 | 14.4 | 31.5007 | 5.79418982 | 14.27 | 30.7511 | 5.96375 | 13.73 | 23.9047 |
| 5.62474537 | 14.38 | 32.13 | 5.79430556 | 14.27 | 30.7511 | 5.96386574 | 13.73 | 23.9397 |
| 5.62486111 | 14.38 | 32.1716 | 5.7944213 | 14.27 | 30.8329 | 5.96398148 | 13.73 | 23.928 |
| 5.62497685 | 14.37 | 32.1955 | 5.79453704 | 14.27 | 30.7944 | 5.96409722 | 13.71 | 23.8822 |
| 5.62509259 | 14.37 | 32.206 | 5.79465278 | 14.27 | 30.7367 | 5.96421296 | 13.71 | 23.8474 |
| 5.62520833 | 14.37 | 32.1591 | 5.79476852 | 14.27 | 30.7655 | 5.9643287 | 13.7 | 23.8884 |
| 5.62532407 | 14.37 | 32.1695 | 5.79488426 | 14.27 | 30.8184 | 5.96444444 | 13.7 | 23.8971 |
| 5.62543982 | 14.37 | 32.1695 | 5.795 | 14.27 | 30.7992 | 5.96456019 | 13.71 | 23.8677 |
| 5.62555556 | 14.37 | 32.1591 | 5.79511574 | 14.27 | 30.804 | 5.96467593 | 13.71 | 23.8416 |
| 5.6256713 | 14.38 | 32.1976 | 5.79523148 | 14.27 | 30.8667 | 5.96479167 | 13.71 | 23.8822 |
| 5.62578704 | 14.36 | 32.2875 | 5.79534722 | 14.27 | 30.804 | 5.96490741 | 13.73 | 23.893 |
| 5.62590278 | 14.36 | 32.1778 | 5.79546296 | 14.29 | 30.8121 | 5.96502315 | 13.71 | 23.8474 |
| 5.62601852 | 14.37 | 31.8342 | 5.7955787 | 14.29 | 30.8362 | 5.96513889 | 13.7 | 23.8768 |
| 5.62613426 | 14.41 | 27.7326 | 5.79569444 | 14.29 | 30.8604 | 5.96525463 | 13.71 | 23.8619 |
| 5.62625 | 14.44 | 28.8681 | 5.79581019 | 14.29 | 30.8362 | 5.96537037 | 13.7 | 23.8623 |
| 5.62636574 | 14.44 | 27.1193 | 5.79592593 | 14.29 | 30.8652 | 5.96548611 | 13.71 | 23.8909 |
| 5.62648148 | 14.42 | 28.657 | 5.79604167 | 14.27 | 30.8763 | 5.96560185 | 13.7 | 23.8391 |
| 5.62659722 | 14.41 | 29.7374 | 5.79615741 | 14.29 | 30.8555 | 5.96571759 | 13.7 | 23.8478 |
| 5.62671296 | 14.47 | 26.8715 | 5.79627315 | 14.29 | 30.8073 | 5.96583333 | 13.7 | 23.8333 |
| 5.6268287 | 14.45 | 26.1261 | 5.79638889 | 14.27 | 30.8667 | 5.96594907 | 13.7 | 23.8391 |
| 5.62694444 | 14.44 | 27.8591 | 5.79650463 | 14.27 | 30.8377 | 5.96606482 | 13.71 | 23.8967 |
| 5.62706019 | 14.47 | 26.414 | 5.79662037 | 14.29 | 30.7929 | 5.96618056 | 13.71 | 23.8474 |
| 5.62717593 | 14.42 | 29.9302 | 5.79673611 | 14.27 | 30.8184 | 5.9662963 | 13.71 | 23.8271 |
| 5.62729167 | 14.41 | 30.206 | 5.79685185 | 14.26 | 30.7879 | 5.96641204 | 13.71 | 23.9054 |
| 5.62740741 | 14.48 | 23.1281 | 5.79696759 | 14.22 | 0.4867 | 5.96652778 | 13.71 | 23.9317 |
| 5.62752315 | 14.4 | 30.9666 | 5.79708333 | 14.1 | 0.0123 | 5.96664352 | 13.73 | 23.9397 |
| 5.62763889 | 14.41 | 28.5841 | 5.79719907 | 14.08 | 0.0123 | 5.96675926 | 13.73 | 23.9338 |
| 5.62775463 | 14.44 | 27.4239 | 5.79731482 | 14.08 | 0.0123 | 5.966875 | 13.73 | 23.9484 |
| 5.62787037 | 14.41 | 30.8955 | 5.79743056 | 14.09 | 0.0123 | 5.96699074 | 13.71 | 23.9258 |
| 5.62798611 | 14.38 | 31.4869 | 5.7975463 | 14.06 | 0.0123 | 5.96710648 | 13.73 | 23.9134 |
| 5.62810185 | 14.4 | 29.4665 | 5.79766204 | 14.05 | 0.0123 | 5.96722222 | 13.73 | 23.9397 |
| 5.62821759 | 14.4 | 30.7296 | 5.79777778 | 14.3 | 30.6508 | 5.96733796 | 13.73 | 23.9397 |
| 5.62833333 | 14.37 | 31.5251 | 5.79789352 | 14.31 | 30.7194 | 5.9674537 | 13.73 | 23.9397 |
| 5.62844907 | 14.37 | 31.9779 | 5.79800926 | 14.31 | 30.7194 | 5.96756944 | 13.73 | 23.9601 |
| 5.62856482 | 14.34 | 32.2361 | 5.798125 | 14.31 | 30.7337 | 5.96768519 | 13.74 | 24.0126 |
| 5.62868056 | 14.36 | 32.0688 | 5.79824074 | 14.3 | 30.7561 | 5.96780093 | 13.69 | 1.8805 |
| 5.6287963 | 14.34 | 32.2832 | 5.79835648 | 14.31 | 30.7337 | 5.96791667 | 13.58 | 3.4446 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62891204 | 14.34 | 32.2466 | 5.79847222 | 14.31 | 30.7289 | 5.96803241 | 13.58 | 3.4309 |
| 5.62902778 | 14.34 | 32.2727 | 5.79858796 | 14.3 | 30.6317 | 5.96814815 | 13.51 | 2.6242 |
| 5.62914352 | 14.36 | 32.2143 | 5.7987037 | 14.3 | 30.5746 | 5.96826389 | 13.41 | 1.6653 |
| 5.62925926 | 14.34 | 32.2623 | 5.79881944 | 14.3 | 30.6174 | 5.96837963 | 13.38 | 1.4549 |
| 5.629375 | 14.34 | 32.2048 | 5.79893519 | 14.3 | 30.6269 | 5.96849537 | 13.37 | 1.4637 |
| 5.62949074 | 14.36 | 32.2143 | 5.79905093 | 14.29 | 30.6539 | 5.96861111 | 13.34 | 1.4067 |
| 5.62960648 | 14.36 | 32.1934 | 5.79916667 | 14.3 | 30.6603 | 5.96872685 | 13.25 | 1.4455 |
| 5.62972222 | 14.36 | 32.2195 | 5.79928241 | 14.31 | 30.6572 | 5.96884259 | 13.07 | 1.3804 |
| 5.62983796 | 14.36 | 32.2143 | 5.79939815 | 14.3 | 30.6938 | 5.96895833 | 13.12 | 1.3538 |
| 5.6299537 | 14.36 | 32.1934 | 5.79951389 | 14.3 | 30.6508 | 5.96907407 | 13.09 | 1.292 |
| 5.63006944 | 14.37 | 32.1747 | 5.79962963 | 14.31 | 30.6715 | 5.96918982 | 13.07 | 0.699 |
| 5.63018519 | 14.37 | 32.1591 | 5.79974537 | 14.31 | 30.6715 | 5.96930556 | 13.3 | 3.2547 |
| 5.63030093 | 14.36 | 32.2247 | 5.79986111 | 14.3 | 30.6174 | 5.9694213 | 13.71 | 24.2062 |
| 5.63041667 | 14.37 | 32.2321 | 5.79997685 | 14.3 | 30.5888 | 5.96953704 | 13.71 | 1.9805 |
| 5.63053241 | 14.36 | 32.0843 | 5.80009259 | 14.31 | 30.5952 | 5.96965278 | 13.76 | 24.346 |
| 5.63064815 | 14.34 | 32.2101 | 5.80020833 | 14.3 | 30.6269 | 5.96976852 | 13.8 | 24.6331 |
| 5.63076389 | 14.34 | 32.1061 | 5.80032407 | 14.3 | 30.6221 | 5.96988426 | 13.78 | 24.6211 |
| 5.63087963 | 14.34 | 32.075 | 5.80043982 | 14.23 | 29.3255 | 5.97 | 13.83 | 24.9217 |
| 5.63099537 | 14.36 | 31.9296 | 5.80055556 | 14.23 | 29.5335 | 5.97011574 | 13.81 | 24.5772 |
| 5.63111111 | 14.37 | 31.5251 | 5.8006713 | 14.24 | 29.8317 | 5.97023148 | 13.81 | 24.5988 |
| 5.63122685 | 14.38 | 31.7801 | 5.80078704 | 14.24 | 29.8681 | 5.97034722 | 13.84 | 25.0205 |
| 5.63134259 | 14.38 | 31.1688 | 5.80090278 | 14.24 | 29.9502 | 5.97046296 | 13.85 | 25.1624 |
| 5.63145833 | 14.37 | 31.5452 | 5.80101852 | 14.26 | 29.839 | 5.9705787 | 13.84 | 24.9184 |
| 5.63157407 | 14.37 | 31.8444 | 5.80113426 | 14.26 | 30.008 | 5.97069444 | 13.84 | 24.9279 |
| 5.63168982 | 14.37 | 31.8036 | 5.80125 | 14.26 | 29.9301 | 5.97081019 | 13.84 | 24.8739 |
| 5.63180556 | 14.36 | 31.5886 | 5.80136574 | 14.24 | 29.9731 | 5.97092593 | 13.84 | 24.7447 |
| 5.6319213 | 14.37 | 31.717 | 5.80148148 | 14.26 | 29.8481 | 5.97104167 | 13.83 | 24.7637 |
| 5.63203704 | 14.37 | 31.4049 | 5.80159722 | 14.26 | 29.7665 | 5.97115741 | 13.83 | 24.7511 |
| 5.63215278 | 14.37 | 31.5402 | 5.80171296 | 14.24 | 29.7819 | 5.97127315 | 13.81 | 24.7327 |
| 5.63226852 | 14.38 | 31.2725 | 5.8018287 | 14.24 | 29.7728 | 5.97138889 | 13.83 | 24.698 |
| 5.63238426 | 14.36 | 31.8783 | 5.80194444 | 14.22 | 28.7924 | 5.97150463 | 13.83 | 24.698 |
| 5.6325 | 14.36 | 31.8578 | 5.80206019 | 14.2 | 27.2568 | 5.97162037 | 13.8 | 24.5066 |
| 5.63261574 | 14.36 | 32.1102 | 5.80217593 | 14.2 | 28.113 | 5.97173611 | 13.8 | 24.5589 |
| 5.63273148 | 14.36 | 32.0533 | 5.80229167 | 14.17 | 27.152 | 5.97185185 | 13.8 | 24.6331 |
| 5.63284722 | 14.36 | 32.105 | 5.80240741 | 14.19 | 28.1 | 5.97196759 | 13.81 | 24.7389 |
| 5.63296296 | 14.37 | 32.0812 | 5.80252315 | 14.2 | 27.9353 | 5.97208333 | 13.83 | 24.6886 |
| 5.6330787 | 14.37 | 32.1071 | 5.80263889 | 14.2 | 27.8432 | 5.97219907 | 13.81 | 24.664 |
| 5.63319444 | 14.37 | 32.045 | 5.80275463 | 14.2 | 27.6176 | 5.97231482 | 13.81 | 24.5957 |
| 5.63331019 | 14.36 | 32.0843 | 5.80287037 | 14.17 | 27.2091 | 5.97243056 | 13.8 | 24.5004 |
| 5.63342593 | 14.36 | 32.157 | 5.80298611 | 14.19 | 27.3407 | 5.9725463 | 13.78 | 24.4611 |
| 5.63354167 | 14.34 | 32.2466 | 5.80310185 | 14.17 | 27.3741 | 5.97266204 | 13.77 | 24.4216 |
| 5.63365741 | 14.36 | 32.1414 | 5.80321759 | 14.19 | 27.6444 | 5.97277778 | 13.77 | 24.4369 |
| 5.63377315 | 14.36 | 32.1102 | 5.80333333 | 14.19 | 27.6562 | 5.97289352 | 13.78 | 24.394 |
| 5.63388889 | 14.36 | 32.074 | 5.80344907 | 14.17 | 27.0989 | 5.97300926 | 13.78 | 24.4153 |
| 5.63400463 | 14.37 | 32.0501 | 5.80356482 | 14.19 | 27.4606 | 5.973125 | 13.77 | 24.3851 |
| 5.63412037 | 14.37 | 32.045 | 5.80368056 | 14.2 | 28.1659 | 5.97324074 | 13.78 | 24.3879 |
| 5.63423611 | 14.4 | 29.4799 | 5.8037963 | 14.26 | 29.1149 | 5.97335648 | 13.77 | 24.3366 |
| 5.63435185 | 14.37 | 31.9264 | 5.80391204 | 14.23 | 28.7935 | 5.97347222 | 13.77 | 24.3487 |
| 5.63446759 | 14.37 | 31.5301 | 5.80402778 | 14.26 | 28.9937 | 5.97358796 | 13.76 | 24.3248 |
| 5.63458333 | 14.38 | 31.051 | 5.80414352 | 14.24 | 29.0865 | 5.9737037 | 13.77 | 24.3336 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63469907 | 14.4 | 30.8115 | 5.80425926 | 14.26 | 28.9421 | 5.97381944 | 13.77 | 24.3851 |
| 5.63481482 | 14.38 | 30.9534 | 5.804375 | 14.24 | 28.8371 | 5.97393519 | 13.77 | 24.3336 |
| 5.63493056 | 14.41 | 29.81 | 5.80449074 | 14.24 | 29.1604 | 5.97405093 | 13.77 | 24.3336 |
| 5.6350463 | 14.4 | 30.9569 | 5.80460648 | 14.26 | 29.4307 | 5.97416667 | 13.76 | 24.3399 |
| 5.63516204 | 14.38 | 31.1196 | 5.80472222 | 14.27 | 29.7181 | 5.97428241 | 13.76 | 24.3339 |
| 5.63527778 | 14.38 | 30.837 | 5.80483796 | 14.26 | 29.6134 | 5.97439815 | 13.76 | 24.3399 |
| 5.63539352 | 14.37 | 31.8138 | 5.8049537 | 14.27 | 29.8905 | 5.97451389 | 13.76 | 24.349 |
| 5.63550926 | 14.38 | 31.4618 | 5.80506944 | 14.27 | 29.8086 | 5.97462963 | 13.76 | 24.3127 |
| 5.635625 | 14.37 | 31.6107 | 5.80518519 | 14.27 | 29.3877 | 5.97474537 | 13.74 | 24.2952 |
| 5.63574074 | 14.38 | 30.7406 | 5.80530093 | 14.23 | 28.7171 | 5.97486111 | 13.74 | 24.2591 |
| 5.63585648 | 14.37 | 31.2311 | 5.80541667 | 14.24 | 28.5917 | 5.97497685 | 13.74 | 24.2591 |
| 5.63597222 | 14.41 | 30.1362 | 5.80553241 | 14.23 | 28.2545 | 5.97509259 | 13.76 | 24.2977 |
| 5.63608796 | 14.38 | 31.2577 | 5.80564815 | 14.22 | 28.0417 | 5.97520833 | 13.76 | 24.2826 |
| 5.6362037 | 14.38 | 31.0314 | 5.80576389 | 14.23 | 28.4653 | 5.97532407 | 13.73 | 24.2654 |
| 5.63631944 | 14.38 | 31.2923 | 5.80587963 | 14.23 | 28.2792 | 5.97543982 | 13.74 | 24.2441 |
| 5.63643519 | 14.38 | 31.5119 | 5.80599537 | 14.23 | 28.308 | 5.97555556 | 13.73 | 24.2504 |
| 5.63655093 | 14.37 | 31.5704 | 5.80611111 | 14.23 | 28.4987 | 5.9756713 | 13.74 | 24.2441 |
| 5.63666667 | 14.37 | 31.7883 | 5.80622685 | 14.22 | 28.3689 | 5.97578704 | 13.74 | 24.2591 |
| 5.63678241 | 14.37 | 31.8291 | 5.80634259 | 14.23 | 28.2463 | 5.97590278 | 13.74 | 24.2651 |
| 5.63689815 | 14.37 | 31.8496 | 5.80645833 | 14.22 | 28.1759 | 5.97601852 | 13.74 | 24.3375 |
| 5.63701389 | 14.36 | 31.8936 | 5.80657407 | 14.22 | 28.2331 | 5.97613426 | 13.76 | 24.3854 |
| 5.63712963 | 14.37 | 31.7985 | 5.80668982 | 14.22 | 28.3071 | 5.97625 | 13.76 | 24.3399 |
| 5.63724537 | 14.38 | 31.6734 | 5.80680556 | 14.22 | 28.2659 | 5.97636574 | 13.76 | 24.3611 |
| 5.63736111 | 14.38 | 31.4218 | 5.8069213 | 14.22 | 28.229 | 5.97648148 | 13.76 | 24.4127 |
| 5.63747685 | 14.4 | 31.3209 | 5.80703704 | 14.22 | 28.3442 | 5.97659722 | 13.76 | 24.428 |
| 5.63759259 | 14.38 | 31.5371 | 5.80715278 | 14.23 | 28.4155 | 5.97671296 | 13.78 | 24.4733 |
| 5.63770833 | 14.38 | 31.5975 | 5.80726852 | 14.23 | 28.7214 | 5.9768287 | 13.78 | 24.6521 |
| 5.63782407 | 14.38 | 31.6784 | 5.80738426 | 14.24 | 28.8884 | 5.97694444 | 13.78 | 24.6211 |
| 5.63793982 | 14.38 | 31.5673 | 5.8075 | 14.24 | 29.3619 | 5.97706019 | 13.78 | 24.5994 |
| 5.63805556 | 14.38 | 31.5874 | 5.80761574 | 14.26 | 29.7213 | 5.97717593 | 13.77 | 24.5103 |
| 5.6381713 | 14.38 | 31.4919 | 5.80773148 | 14.26 | 29.8345 | 5.97729167 | 13.8 | 24.6238 |
| 5.63828704 | 14.38 | 31.4768 | 5.80784722 | 14.26 | 29.8709 | 5.97740741 | 13.8 | 24.5928 |
| 5.63840278 | 14.4 | 31.3209 | 5.80796296 | 14.24 | 29.9685 | 5.97752315 | 13.8 | 24.6393 |
| 5.63851852 | 14.4 | 31.3657 | 5.8080787 | 14.24 | 29.7322 | 5.97763889 | 13.78 | 24.5254 |
| 5.63863426 | 14.42 | 29.9853 | 5.80819444 | 14.23 | 29.9442 | 5.97775463 | 13.78 | 24.547 |
| 5.63875 | 14.41 | 29.8054 | 5.80831019 | 14.22 | 29.9154 | 5.97787037 | 13.77 | 24.5164 |
| 5.63886574 | 14.4 | 31.2911 | 5.80842593 | 14.22 | 29.8109 | 5.97798611 | 13.77 | 24.5533 |
| 5.63898148 | 14.4 | 31.3408 | 5.80854167 | 14.22 | 29.8245 | 5.97810185 | 13.77 | 24.4796 |
| 5.63909722 | 14.4 | 31.1626 | 5.80865741 | 14.22 | 29.3992 | 5.97821759 | 13.77 | 24.443 |
| 5.63921296 | 14.4 | 31.3159 | 5.80877315 | 14.22 | 29.3418 | 5.97833333 | 13.77 | 24.4644 |
| 5.6393287 | 14.38 | 31.3172 | 5.80888889 | 14.22 | 28.8862 | 5.97844907 | 13.76 | 24.3824 |
| 5.63944444 | 14.42 | 29.3847 | 5.80900463 | 14.23 | 28.7044 | 5.97856482 | 13.77 | 24.5103 |
| 5.63956019 | 14.41 | 30.0714 | 5.80912037 | 14.22 | 28.8009 | 5.97868056 | 13.76 | 24.3824 |
| 5.63967593 | 14.41 | 30.4832 | 5.80923611 | 14.22 | 28.7372 | 5.9787963 | 13.76 | 24.3097 |
| 5.63979167 | 14.42 | 28.5726 | 5.80935185 | 14.22 | 28.9806 | 5.97891204 | 13.76 | 24.3763 |
| 5.63990741 | 14.41 | 30.8761 | 5.80946759 | 14.23 | 28.7044 | 5.97902778 | 13.74 | 24.1933 |
| 5.64002315 | 14.41 | 30.8955 | 5.80958333 | 14.22 | 28.6485 | 5.97914352 | 13.73 | 24.2295 |
| 5.64013889 | 14.41 | 31.0367 | 5.80969907 | 14.22 | 28.506 | 5.97925926 | 13.73 | 24.1787 |
| 5.64025463 | 14.41 | 30.9781 | 5.80981482 | 14.22 | 28.6023 | 5.979375 | 13.71 | 24.1972 |
| 5.64037037 | 14.4 | 31.2911 | 5.80993056 | 14.2 | 28.5082 | 5.97949074 | 13.71 | 24.1763 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64048611 | 14.4 | 31.1478 | 5.8100463 | 14.22 | 28.6781 | 5.97960648 | 13.71 | 24.2271 |
| 5.64060185 | 14.4 | 31.2415 | 5.81016204 | 14.22 | 28.7372 | 5.97972222 | 13.71 | 24.2271 |
| 5.64071759 | 14.4 | 31.3557 | 5.81027778 | 14.23 | 29.229 | 5.97983796 | 13.73 | 24.2205 |
| 5.64083333 | 14.4 | 31.5409 | 5.81039352 | 14.22 | 29.3639 | 5.9799537 | 13.73 | 24.2805 |
| 5.64094907 | 14.38 | 31.5824 | 5.81050926 | 14.23 | 29.5469 | 5.98006944 | 13.71 | 24.2121 |
| 5.64106482 | 14.4 | 31.4356 | 5.810625 | 14.22 | 29.5367 | 5.98018519 | 13.73 | 24.2085 |
| 5.64118056 | 14.4 | 31.4506 | 5.81074074 | 14.23 | 29.5202 | 5.98030093 | 13.73 | 24.1876 |
| 5.6412963 | 14.4 | 31.3507 | 5.81085648 | 14.2 | 29.5164 | 5.98041667 | 13.71 | 24.2002 |
| 5.64141204 | 14.4 | 31.2168 | 5.81097222 | 14.24 | 29.4282 | 5.98053241 | 13.71 | 24.1972 |
| 5.64152778 | 14.4 | 31.1971 | 5.81108796 | 14.2 | 29.4321 | 5.98064815 | 13.71 | 24.2121 |
| 5.64164352 | 14.4 | 31.1675 | 5.8112037 | 14.23 | 29.3651 | 5.98076389 | 13.71 | 24.2121 |
| 5.64175926 | 14.41 | 31.1004 | 5.81131944 | 14.22 | 29.3242 | 5.98087963 | 13.73 | 24.1846 |
| 5.641875 | 14.4 | 31.1134 | 5.81143519 | 14.23 | 29.3519 | 5.98099537 | 13.71 | 24.1763 |
| 5.64199074 | 14.4 | 31.3507 | 5.81155093 | 14.24 | 29.1647 | 5.98111111 | 13.71 | 24.1704 |
| 5.64210648 | 14.4 | 31.5107 | 5.81166667 | 14.23 | 29.1592 | 5.98122685 | 13.71 | 24.1853 |
| 5.64222222 | 14.4 | 31.1035 | 5.81178241 | 14.23 | 29.2028 | 5.98134259 | 13.71 | 24.1912 |
| 5.64233796 | 14.4 | 31.2911 | 5.81189815 | 14.23 | 29.4181 | 5.98145833 | 13.7 | 24.2035 |
| 5.6424537 | 14.4 | 31.3557 | 5.81201389 | 14.24 | 29.5884 | 5.98157407 | 13.71 | 24.2211 |
| 5.64256944 | 14.4 | 31.2218 | 5.81212963 | 14.23 | 29.5648 | 5.98168982 | 13.71 | 24.248 |
| 5.64268519 | 14.41 | 30.7698 | 5.81224537 | 14.23 | 29.7579 | 5.98180556 | 13.74 | 24.3224 |
| 5.64280093 | 14.41 | 30.6163 | 5.81236111 | 14.26 | 29.6853 | 5.9819213 | 13.73 | 24.2865 |
| 5.64291667 | 14.41 | 31.0465 | 5.81247685 | 14.26 | 29.6403 | 5.98203704 | 13.73 | 24.3015 |
| 5.64303241 | 14.4 | 31.1429 | 5.81259259 | 14.26 | 29.7801 | 5.98215278 | 13.73 | 24.3287 |
| 5.64314815 | 14.41 | 30.1594 | 5.81270833 | 14.26 | 29.6628 | 5.98226852 | 13.74 | 24.4315 |
| 5.64326389 | 14.4 | 31.0741 | 5.81282407 | 14.3 | 30.2825 | 5.98238426 | 13.76 | 24.4493 |
| 5.64337963 | 14.42 | 28.1779 | 5.81293982 | 14.29 | 30.1183 | 5.9825 | 13.77 | 24.5965 |
| 5.64349537 | 14.44 | 28.6084 | 5.81305556 | 14.26 | 29.4973 | 5.98261574 | 13.77 | 24.4919 |
| 5.64361111 | 14.41 | 29.7555 | 5.8131713 | 14.27 | 30.1478 | 5.98273148 | 13.77 | 24.5318 |
| 5.64372685 | 14.51 | 24.107 | 5.81328704 | 14.27 | 29.5075 | 5.98284722 | 13.76 | 24.4646 |
| 5.64384259 | 14.58 | 21.9093 | 5.81340278 | 14.26 | 29.2282 | 5.98296296 | 13.76 | 24.4249 |
| 5.64395833 | 14.42 | 30.4658 | 5.81351852 | 14.26 | 29.6988 | 5.9830787 | 13.77 | 24.4858 |
| 5.64407407 | 14.44 | 28.6042 | 5.81363426 | 14.27 | 29.8586 | 5.98319444 | 13.77 | 24.495 |
| 5.64418982 | 14.41 | 30.5639 | 5.81375 | 14.27 | 30.0232 | 5.98331019 | 13.77 | 24.4796 |
| 5.64430556 | 14.4 | 31.4556 | 5.81386574 | 14.26 | 29.2983 | 5.98342593 | 13.77 | 24.4796 |
| 5.6444213 | 14.41 | 29.7827 | 5.81398148 | 14.24 | 29.1647 | 5.98354167 | 13.77 | 24.5226 |
| 5.64453704 | 14.4 | 31.0741 | 5.81409722 | 14.23 | 29.3079 | 5.98365741 | 13.78 | 24.5531 |
| 5.64465278 | 14.42 | 29.1297 | 5.81421296 | 14.26 | 29.4174 | 5.98377315 | 13.77 | 24.4858 |
| 5.64476852 | 14.41 | 30.7169 | 5.8143287 | 14.24 | 29.4105 | 5.98388889 | 13.77 | 24.4796 |
| 5.64488426 | 14.41 | 30.9586 | 5.81444444 | 14.26 | 29.3423 | 5.98400463 | 13.74 | 24.4559 |
| 5.645 | 14.4 | 31.306 | 5.81456019 | 14.26 | 29.3688 | 5.98412037 | 13.77 | 24.443 |
| 5.64511574 | 14.4 | 31.4206 | 5.81467593 | 14.26 | 29.3732 | 5.98423611 | 13.74 | 24.395 |
| 5.64523148 | 14.4 | 31.5057 | 5.81479167 | 14.24 | 29.2871 | 5.98435185 | 13.73 | 24.3377 |
| 5.64534722 | 14.4 | 31.4606 | 5.81490741 | 14.24 | 29.204 | 5.98446759 | 13.73 | 24.2714 |
| 5.64546296 | 14.4 | 31.4957 | 5.81502315 | 14.26 | 29.3291 | 5.98458333 | 13.73 | 24.2414 |
| 5.6455787 | 14.38 | 31.5019 | 5.81513889 | 14.24 | 29.2871 | 5.98469907 | 13.73 | 24.2564 |
| 5.64569444 | 14.4 | 31.5057 | 5.81525463 | 14.23 | 29.1244 | 5.98481482 | 13.73 | 24.2985 |
| 5.64581019 | 14.38 | 31.4618 | 5.81537037 | 14.23 | 29.1244 | 5.98493056 | 13.73 | 24.2985 |
| 5.64592593 | 14.4 | 31.1773 | 5.81548611 | 14.2 | 29.0257 | 5.9850463 | 13.73 | 24.3438 |
| 5.64604167 | 14.4 | 31.306 | 5.81560185 | 14.19 | 28.9129 | 5.98516204 | 13.74 | 24.3586 |
| 5.64615741 | 14.4 | 30.9764 | 5.81571759 | 14.19 | 29.0851 | 5.98527778 | 13.74 | 24.3435 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64627315 | 14.4 | 30.9131 | 5.81583333 | 14.19 | 29.0289 | 5.98539352 | 13.76 | 24.3915 |
| 5.64638889 | 14.4 | 31.2762 | 5.81594907 | 14.17 | 29.0008 | 5.98550926 | 13.74 | 24.3798 |
| 5.64650463 | 14.4 | 30.9228 | 5.81606482 | 14.17 | 29.031 | 5.985625 | 13.76 | 24.3824 |
| 5.64662037 | 14.4 | 30.9228 | 5.81618056 | 14.17 | 28.9965 | 5.98574074 | 13.74 | 24.3798 |
| 5.64673611 | 14.38 | 31.347 | 5.8162963 | 14.17 | 29.2481 | 5.98585648 | 13.76 | 24.3672 |
| 5.64685185 | 14.4 | 31.3209 | 5.81641204 | 14.19 | 29.2461 | 5.98597222 | 13.73 | 24.4074 |
| 5.64696759 | 14.4 | 31.3706 | 5.81652778 | 14.19 | 29.1632 | 5.98608796 | 13.74 | 24.4102 |
| 5.64708333 | 14.4 | 31.4256 | 5.81664352 | 14.19 | 29.0721 | 5.9862037 | 13.74 | 24.4529 |
| 5.64719907 | 14.4 | 31.3109 | 5.81675926 | 14.16 | 28.9096 | 5.98631944 | 13.74 | 24.3798 |
| 5.64731482 | 14.4 | 31.3507 | 5.816875 | 14.16 | 28.9868 | 5.98643519 | 13.73 | 24.365 |
| 5.64743056 | 14.4 | 31.3308 | 5.81699074 | 14.16 | 28.9739 | 5.98655093 | 13.74 | 24.3798 |
| 5.6475463 | 14.4 | 31.4156 | 5.81710648 | 14.19 | 29.2899 | 5.98666667 | 13.74 | 24.395 |
| 5.64766204 | 14.38 | 31.5824 | 5.81722222 | 14.2 | 29.3482 | 5.98678241 | 13.73 | 24.3862 |
| 5.64777778 | 14.4 | 31.2168 | 5.81733796 | 14.17 | 29.0094 | 5.98689815 | 13.74 | 24.4529 |
| 5.64789352 | 14.41 | 30.4642 | 5.8174537 | 14.17 | 29.1696 | 5.98701389 | 13.73 | 24.3559 |
| 5.64800926 | 14.42 | 29.6079 | 5.81756944 | 14.17 | 29.1218 | 5.98712963 | 13.67 | 0.968 |
| 5.648125 | 14.42 | 29.9348 | 5.81768519 | 14.17 | 29.0439 | 5.98724537 | 13.74 | 24.4498 |
| 5.64824074 | 14.42 | 29.8251 | 5.81780093 | 14.16 | 29.0644 | 5.98736111 | 13.73 | 24.3983 |
| 5.64835648 | 14.41 | 30.4359 | 5.81791667 | 14.16 | 29.0514 | 5.98747685 | 13.71 | 24.4171 |
| 5.64847222 | 14.41 | 30.645 | 5.81803241 | 14.15 | 29.0245 | 5.98759259 | 13.73 | 24.4196 |
| 5.64858796 | 14.4 | 31.1626 | 5.81814815 | 14.15 | 29.0029 | 5.98770833 | 13.73 | 24.4775 |
| 5.6487037 | 14.4 | 30.7536 | 5.81826389 | 14.15 | 28.9814 | 5.98782407 | 13.73 | 24.4135 |
| 5.64881944 | 14.41 | 29.8464 | 5.81837963 | 14.15 | 28.9471 | 5.98793982 | 13.73 | 24.499 |
| 5.64893519 | 14.44 | 29.3651 | 5.81849537 | 14.15 | 28.9342 | 5.98805556 | 13.73 | 24.545 |
| 5.64905093 | 14.41 | 30.4359 | 5.81861111 | 14.15 | 28.9257 | 5.9881713 | 13.71 | 24.5639 |
| 5.64916667 | 14.41 | 30.2807 | 5.81872685 | 14.13 | 28.9364 | 5.98828704 | 13.73 | 24.5635 |
| 5.64928241 | 14.41 | 30.9003 | 5.81884259 | 14.15 | 28.99 | 5.98840278 | 13.73 | 24.6097 |
| 5.64939815 | 14.45 | 27.4324 | 5.81895833 | 14.15 | 28.8872 | 5.98851852 | 13.74 | 24.7151 |
| 5.64951389 | 14.42 | 27.8173 | 5.81907407 | 14.15 | 28.9128 | 5.98863426 | 13.76 | 24.7899 |
| 5.64962963 | 14.42 | 29.572 | 5.81918982 | 14.13 | 28.9364 | 5.98875 | 13.74 | 24.7965 |
| 5.64974537 | 14.42 | 29.7841 | 5.81930556 | 14.13 | 28.9492 | 5.98886574 | 13.76 | 24.8497 |
| 5.64986111 | 14.41 | 30.6402 | 5.8194213 | 14.15 | 28.9214 | 5.98898148 | 13.76 | 24.8813 |
| 5.64997685 | 14.44 | 28.1306 | 5.81953704 | 14.15 | 28.9471 | 5.98909722 | 13.74 | 24.8185 |
| 5.65009259 | 14.52 | 22.9283 | 5.81965278 | 14.15 | 28.99 | 5.98921296 | 13.76 | 24.7585 |
| 5.65020833 | 14.55 | 21.5357 | 5.81976852 | 14.15 | 28.9685 | 5.9893287 | 13.74 | 24.737 |
| 5.65032407 | 14.47 | 27.8657 | 5.81988426 | 14.15 | 28.9428 | 5.98944444 | 13.74 | 24.7276 |
| 5.65043982 | 14.44 | 29.6466 | 5.82 | 14.16 | 28.9825 | 5.98956019 | 13.74 | 24.8027 |
| 5.65055556 | 14.42 | 30.0914 | 5.82011574 | 14.16 | 28.9782 | 5.98967593 | 13.76 | 24.7836 |
| 5.6506713 | 14.4 | 31.3457 | 5.82023148 | 14.16 | 28.9611 | 5.98979167 | 13.76 | 24.8213 |
| 5.65078704 | 14.41 | 30.5686 | 5.82034722 | 14.16 | 28.9225 | 5.98990741 | 13.74 | 24.8185 |
| 5.65090278 | 14.4 | 30.855 | 5.82046296 | 14.15 | 28.93 | 5.99002315 | 13.76 | 24.8718 |
| 5.65101852 | 14.41 | 31.1594 | 5.8205787 | 14.16 | 28.9696 | 5.99013889 | 13.76 | 24.9479 |
| 5.65113426 | 14.41 | 31.1693 | 5.82069444 | 14.16 | 28.9954 | 5.99025463 | 13.77 | 24.9509 |
| 5.65125 | 14.41 | 30.9246 | 5.82081019 | 14.15 | 29.0331 | 5.99037037 | 13.74 | 24.7588 |
| 5.65136574 | 14.41 | 31.0318 | 5.82092593 | 14.15 | 29.0115 | 5.99048611 | 13.73 | 24.6593 |
| 5.65148148 | 14.41 | 31.1398 | 5.82104167 | 14.15 | 28.9643 | 5.99060185 | 13.73 | 24.734 |
| 5.65159722 | 14.41 | 31.3526 | 5.82115741 | 14.16 | 29.0169 | 5.99071759 | 13.73 | 24.6593 |
| 5.65171296 | 14.4 | 31.2911 | 5.82127315 | 14.16 | 28.9568 | 5.99083333 | 13.73 | 24.6159 |
| 5.6518287 | 14.42 | 29.3581 | 5.82138889 | 14.16 | 28.9782 | 5.99094907 | 13.73 | 24.6159 |
| 5.65194444 | 14.45 | 28.0703 | 5.82150463 | 14.16 | 28.9825 | 5.99106482 | 13.73 | 24.6159 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65206019 | 14.49 | 25.4457 | 5.82162037 | 14.16 | 28.9868 | 5.99118056 | 13.74 | 24.6312 |
| 5.65217593 | 14.47 | 28.0762 | 5.82173611 | 14.16 | 28.9782 | 5.9912963 | 13.74 | 24.6095 |
| 5.65229167 | 14.44 | 28.8038 | 5.82185185 | 14.16 | 28.9911 | 5.99141204 | 13.74 | 24.6312 |
| 5.65240741 | 14.44 | 29.5209 | 5.82196759 | 14.17 | 29.0051 | 5.99152778 | 13.74 | 24.6684 |
| 5.65252315 | 14.44 | 29.3033 | 5.82208333 | 14.17 | 29.031 | 5.99164352 | 13.74 | 24.6467 |
| 5.65263889 | 14.45 | 27.985 | 5.82219907 | 14.17 | 29.0526 | 5.99175926 | 13.73 | 24.6376 |
| 5.65275463 | 14.45 | 28.3375 | 5.82231482 | 14.19 | 29.0332 | 5.991875 | 13.73 | 24.6159 |
| 5.65287037 | 14.41 | 29.9884 | 5.82243056 | 14.19 | 29.0462 | 5.99199074 | 13.73 | 24.6005 |
| 5.65298611 | 14.42 | 30.7763 | 5.8225463 | 14.19 | 29.0462 | 5.99210648 | 13.73 | 24.6159 |
| 5.65310185 | 14.42 | 30.3291 | 5.82266204 | 14.19 | 29.0117 | 5.99222222 | 13.74 | 24.6374 |
| 5.65321759 | 14.42 | 29.9669 | 5.82277778 | 14.19 | 29.0117 | 5.99233796 | 13.74 | 24.6684 |
| 5.65333333 | 14.42 | 30.0636 | 5.82289352 | 14.19 | 28.9644 | 5.9924537 | 13.74 | 24.6312 |
| 5.65344907 | 14.42 | 30.4139 | 5.82300926 | 14.17 | 28.9922 | 5.99256944 | 13.73 | 24.6531 |
| 5.65356482 | 14.42 | 30.2215 | 5.823125 | 14.17 | 28.9579 | 5.99268519 | 13.73 | 24.6748 |
| 5.65368056 | 14.4 | 31.2218 | 5.82324074 | 14.17 | 28.9922 | 5.99280093 | 13.73 | 24.6748 |
| 5.6537963 | 14.41 | 30.7457 | 5.82335648 | 14.17 | 29.0267 | 5.99291667 | 13.74 | 24.6746 |
| 5.65391204 | 14.42 | 30.362 | 5.82347222 | 14.2 | 29.0214 | 5.99303241 | 13.74 | 24.6746 |
| 5.65402778 | 14.4 | 30.9277 | 5.82358796 | 14.19 | 29.0678 | 5.99314815 | 13.74 | 24.712 |
| 5.65414352 | 14.4 | 31.2861 | 5.8237037 | 14.19 | 29.0419 | 5.99326389 | 13.73 | 24.7278 |
| 5.65425926 | 14.4 | 31.4606 | 5.82381944 | 14.17 | 29.0051 | 5.99337963 | 13.76 | 24.7147 |
| 5.654375 | 14.38 | 31.5824 | 5.82393519 | 14.16 | 28.9911 | 5.99349537 | 13.74 | 24.7276 |
| 5.65449074 | 14.4 | 31.3607 | 5.82405093 | 14.16 | 28.9439 | 5.99361111 | 13.74 | 24.7651 |
| 5.65460648 | 14.4 | 31.1921 | 5.82416667 | 14.16 | 28.9482 | 5.99372685 | 13.74 | 24.8531 |
| 5.65472222 | 14.38 | 31.0216 | 5.82428241 | 14.15 | 28.93 | 5.99384259 | 13.76 | 24.8276 |
| 5.65483796 | 14.4 | 31.301 | 5.82439815 | 14.16 | 28.9225 | 5.99395833 | 13.74 | 24.8689 |
| 5.6549537 | 14.41 | 30.6881 | 5.82451389 | 14.16 | 28.9268 | 5.99407407 | 13.76 | 24.8182 |
| 5.65506944 | 14.41 | 30.3229 | 5.82462963 | 14.16 | 28.9011 | 5.99418982 | 13.74 | 24.7557 |
| 5.65518519 | 14.42 | 30.5275 | 5.82474537 | 14.15 | 28.9128 | 5.99430556 | 13.74 | 24.8847 |
| 5.65530093 | 14.42 | 30.3526 | 5.82486111 | 14.15 | 28.8957 | 5.9944213 | 13.74 | 24.809 |
| 5.65541667 | 14.41 | 30.6545 | 5.82497685 | 14.13 | 28.69 | 5.99453704 | 13.74 | 24.8153 |
| 5.65553241 | 14.41 | 30.6977 | 5.82509259 | 14.15 | 28.785 | 5.99465278 | 13.74 | 24.7871 |
| 5.65564815 | 14.44 | 28.9974 | 5.82520833 | 14.13 | 28.69 | 5.99476852 | 13.74 | 24.8248 |
| 5.65576389 | 14.47 | 29.3513 | 5.82532407 | 14.12 | 28.7227 | 5.99488426 | 13.74 | 24.809 |
| 5.65587963 | 14.4 | 31.3856 | 5.82543982 | 14.13 | 28.7068 | 5.995 | 13.74 | 24.8784 |
| 5.65599537 | 14.42 | 29.8023 | 5.82555556 | 14.13 | 28.7914 | 5.99511574 | 13.73 | 24.8155 |
| 5.65611111 | 14.48 | 26.6119 | 5.8256713 | 14.13 | 28.7787 | 5.99523148 | 13.73 | 24.7778 |
| 5.65622685 | 14.54 | 23.2967 | 5.82578704 | 14.15 | 28.7978 | 5.99534722 | 13.73 | 24.7841 |
| 5.65634259 | 14.49 | 27.7752 | 5.82590278 | 14.15 | 28.819 | 5.99546296 | 13.73 | 24.8092 |
| 5.65645833 | 14.44 | 29.3077 | 5.82601852 | 14.15 | 28.7935 | 5.9955787 | 13.74 | 24.7871 |
| 5.65657407 | 14.45 | 28.9899 | 5.82613426 | 14.13 | 28.7322 | 5.99569444 | 13.73 | 24.7998 |
| 5.65668982 | 14.44 | 29.2284 | 5.82625 | 14.15 | 28.7511 | 5.99581019 | 13.73 | 24.7998 |
| 5.65680556 | 14.44 | 29.7688 | 5.82636574 | 14.15 | 28.7638 | 5.99592593 | 13.73 | 24.8596 |
| 5.6569213 | 14.44 | 29.2153 | 5.82648148 | 14.13 | 28.6563 | 5.99604167 | 13.74 | 24.7714 |
| 5.65703704 | 14.51 | 24.293 | 5.82659722 | 14.13 | 28.6059 | 5.99615741 | 13.74 | 24.7651 |
| 5.65715278 | 14.49 | 26.9404 | 5.82671296 | 14.13 | 28.5682 | 5.99627315 | 13.74 | 24.7871 |
| 5.65726852 | 14.48 | 28.1262 | 5.8268287 | 14.13 | 28.5348 | 5.99638889 | 13.74 | 24.8847 |
| 5.65738426 | 14.47 | 28.6752 | 5.82694444 | 14.13 | 28.6143 | 5.99650463 | 13.74 | 24.7996 |
| 5.6575 | 14.45 | 28.7282 | 5.82706019 | 14.13 | 28.6101 | 5.99662037 | 13.74 | 24.8689 |
| 5.65761574 | 14.48 | 28.0121 | 5.82717593 | 14.13 | 28.6017 | 5.99673611 | 13.74 | 24.9449 |
| 5.65773148 | 14.47 | 27.9625 | 5.82729167 | 14.15 | 28.5744 | 5.99685185 | 13.74 | 24.891 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65784722 | 14.45 | 28.7879 | 5.82740741 | 14.15 | 28.5869 | 5.99696759 | 13.76 | 24.8718 |
| 5.65796296 | 14.44 | 29.3033 | 5.82752315 | 14.13 | 28.5473 | 5.99708333 | 13.74 | 24.9291 |
| 5.6580787 | 14.47 | 28.0071 | 5.82763889 | 14.15 | 28.6331 | 5.99719907 | 13.74 | 24.8847 |
| 5.65819444 | 14.48 | 27.9675 | 5.82775463 | 14.15 | 28.5869 | 5.99731482 | 13.73 | 24.806 |
| 5.65831019 | 14.48 | 26.9586 | 5.82787037 | 14.16 | 28.6803 | 5.99743056 | 13.73 | 24.8659 |
| 5.65842593 | 14.51 | 26.0046 | 5.82798611 | 14.16 | 28.6131 | 5.9975463 | 13.73 | 24.7935 |
| 5.65854167 | 14.52 | 25.3455 | 5.82810185 | 14.16 | 28.6677 | 5.99766204 | 13.74 | 24.7776 |
| 5.65865741 | 14.51 | 27.1699 | 5.82821759 | 14.15 | 28.6079 | 5.99777778 | 13.73 | 24.8312 |
| 5.65877315 | 14.47 | 28.7475 | 5.82833333 | 14.15 | 28.5409 | 5.99789352 | 13.73 | 24.7559 |
| 5.65888889 | 14.45 | 29.4553 | 5.82844907 | 14.13 | 28.5473 | 5.99800926 | 13.73 | 24.7246 |
| 5.65900463 | 14.42 | 30.3104 | 5.82856482 | 14.13 | 28.4807 | 5.998125 | 13.73 | 24.7246 |
| 5.65912037 | 14.42 | 30.7618 | 5.82868056 | 14.13 | 28.4931 | 5.99824074 | 13.71 | 24.7375 |
| 5.65923611 | 14.47 | 28.6075 | 5.8287963 | 14.12 | 28.5088 | 5.99835648 | 13.71 | 24.7531 |
| 5.65935185 | 14.47 | 28.265 | 5.82891204 | 14.12 | 28.5005 | 5.99847222 | 13.73 | 24.7465 |
| 5.65946759 | 14.48 | 26.9134 | 5.82902778 | 14.13 | 28.4848 | 5.99858796 | 13.73 | 24.7621 |
| 5.65958333 | 14.47 | 27.9423 | 5.82914352 | 14.12 | 28.5297 | 5.9987037 | 13.71 | 24.7531 |
| 5.65969907 | 14.48 | 27.8907 | 5.82925926 | 14.1 | 28.5028 | 5.99881944 | 13.71 | 24.7469 |
| 5.65981482 | 14.47 | 28.7901 | 5.829375 | 14.12 | 28.5464 | 5.99893519 | 13.71 | 24.7375 |
| 5.65993056 | 14.47 | 28.2361 | 5.82949074 | 14.12 | 28.6175 | 5.99905093 | 13.71 | 24.7375 |
| 5.6600463 | 14.45 | 28.6349 | 5.82960648 | 14.12 | 28.6301 | 5.99916667 | 13.71 | 24.7531 |
| 5.66016204 | 14.49 | 25.4524 | 5.82972222 | 14.13 | 28.5682 | 5.99928241 | 13.71 | 24.6845 |
| 5.66027778 | 14.51 | 25.1065 | 5.82983796 | 14.13 | 28.5891 | 5.99939815 | 13.73 | 24.6966 |
| 5.66039352 | 14.44 | 29.8416 | 5.8299537 | 14.13 | 28.585 | 5.99951389 | 13.71 | 24.7437 |
| 5.66050926 | 14.41 | 30.7265 | 5.83006944 | 14.15 | 28.5618 | 5.99962963 | 13.71 | 24.8441 |
| 5.660625 | 14.42 | 30.161 | 5.83018519 | 14.15 | 28.6163 | 5.99974537 | 13.73 | 24.7998 |
| 5.66074074 | 14.44 | 29.6106 | 5.83030093 | 14.15 | 28.5953 | 5.99986111 | 13.74 | 24.9831 |
| 5.66085648 | 14.44 | 29.5343 | 5.83041667 | 14.15 | 28.6289 | 5.99997685 | 13.73 | 24.9292 |
| 5.66097222 | 14.45 | 29.2253 | 5.83053241 | 14.15 | 28.6289 | 6.00009259 | 13.73 | 24.8438 |
| 5.66108796 | 14.45 | 29.2781 | 5.83064815 | 14.16 | 28.7057 | 6.00020833 | 13.74 | 24.9831 |
| 5.6612037 | 14.45 | 29.2781 | 5.83076389 | 14.16 | 28.7057 | 6.00032407 | 13.73 | 24.8817 |
| 5.66131944 | 14.45 | 28.7154 | 5.83087963 | 14.17 | 28.7025 | 6.00043982 | 13.73 | 24.8375 |
| 5.66143519 | 14.45 | 29.0376 | 5.83099537 | 14.17 | 28.732 | 6.00055556 | 13.73 | 24.8596 |
| 5.66155093 | 14.44 | 29.3298 | 5.83111111 | 14.16 | 28.6972 | 6.0006713 | 13.74 | 24.9354 |
| 5.66166667 | 14.44 | 29.1365 | 5.83122685 | 14.16 | 28.6509 | 6.00078704 | 13.74 | 24.8815 |
| 5.66178241 | 14.44 | 29.6331 | 5.83134259 | 14.15 | 28.6499 | 6.00090278 | 13.74 | 24.9513 |
| 5.66189815 | 14.41 | 30.7794 | 5.83145833 | 14.16 | 28.6719 | 6.00101852 | 13.76 | 25.0373 |
| 5.66201389 | 14.41 | 31.3476 | 5.83157407 | 14.16 | 28.6635 | 6.00113426 | 13.76 | 25.0597 |
| 5.66212963 | 14.41 | 30.5069 | 5.83168982 | 14.17 | 28.8339 | 6.00125 | 13.76 | 25.0469 |
| 5.66224537 | 14.44 | 28.7313 | 5.83180556 | 14.15 | 28.6415 | 6.00136574 | 13.74 | 24.9195 |
| 5.66236111 | 14.44 | 29.0798 | 5.8319213 | 14.15 | 28.6835 | 6.00148148 | 13.74 | 24.9959 |
| 5.66247685 | 14.41 | 30.9538 | 5.83203704 | 14.15 | 28.6289 | 6.00159722 | 13.74 | 24.9736 |
| 5.66259259 | 14.4 | 31.2415 | 5.83215278 | 14.12 | 28.5297 | 6.00171296 | 13.74 | 24.8815 |
| 5.66270833 | 14.4 | 31.3906 | 5.83226852 | 14.13 | 28.4599 | 6.0018287 | 13.73 | 24.8281 |
| 5.66282407 | 14.4 | 31.5459 | 5.83238426 | 14.12 | 28.3886 | 6.00194444 | 13.73 | 24.7403 |
| 5.66293982 | 14.38 | 31.6278 | 5.8325 | 14.12 | 28.3638 | 6.00206019 | 13.71 | 24.7375 |
| 5.66305556 | 14.4 | 31.6267 | 5.83261574 | 14.13 | 28.2865 | 6.00217593 | 13.73 | 24.806 |
| 5.6631713 | 14.4 | 31.3706 | 5.83273148 | 14.13 | 28.2865 | 6.00229167 | 13.73 | 24.7935 |
| 5.66328704 | 14.4 | 31.3706 | 5.83284722 | 14.13 | 28.266 | 6.00240741 | 13.74 | 24.8594 |
| 5.66340278 | 14.4 | 31.5409 | 5.83296296 | 14.15 | 28.3171 | 6.00252315 | 13.74 | 24.9069 |
| 5.66351852 | 14.41 | 31.1841 | 5.8330787 | 14.13 | 28.2742 | 6.00263889 | 13.71 | 24.775 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66363426 | 14.41 | 30.6641 | 5.83319444 | 14.13 | 28.2537 | 6.00275463 | 13.73 | 24.8438 |
| 5.66375 | 14.41 | 30.5116 | 5.83331019 | 14.13 | 28.2088 | 6.00287037 | 13.74 | 24.9354 |
| 5.66386574 | 14.41 | 30.7313 | 5.83342593 | 14.15 | 28.2514 | 6.00298611 | 13.74 | 24.8752 |
| 5.66398148 | 14.41 | 30.5591 | 5.83354167 | 14.15 | 28.3336 | 6.00310185 | 13.74 | 24.891 |
| 5.66409722 | 14.4 | 31.1379 | 5.83365741 | 14.15 | 28.3048 | 6.00321759 | 13.73 | 24.8659 |
| 5.66421296 | 14.41 | 30.9295 | 5.83377315 | 14.15 | 28.3006 | 6.00333333 | 13.73 | 24.7904 |
| 5.6643287 | 14.4 | 30.696 | 5.83388889 | 14.15 | 28.2801 | 6.00344907 | 13.7 | 24.663 |
| 5.66444444 | 14.41 | 30.7842 | 5.83400463 | 14.15 | 28.2146 | 6.00356482 | 13.73 | 24.7684 |
| 5.66456019 | 14.41 | 30.602 | 5.83412037 | 14.15 | 28.2309 | 6.00368056 | 13.71 | 24.797 |
| 5.66467593 | 14.41 | 30.6115 | 5.83423611 | 14.13 | 28.2742 | 6.0037963 | 13.71 | 24.6783 |
| 5.66479167 | 14.41 | 31.027 | 5.83435185 | 14.15 | 28.2719 | 6.00391204 | 13.73 | 24.888 |
| 5.66490741 | 14.41 | 31.0367 | 5.83446759 | 14.15 | 28.3048 | 6.00402778 | 13.73 | 24.9038 |
| 5.66502315 | 14.41 | 30.944 | 5.83458333 | 14.15 | 28.2924 | 6.00414352 | 13.73 | 24.8501 |
| 5.66513889 | 14.41 | 30.5116 | 5.83469907 | 14.15 | 28.313 | 6.00425926 | 13.7 | 24.7221 |
| 5.66525463 | 14.41 | 30.847 | 5.83481482 | 14.16 | 28.3799 | 6.004375 | 13.7 | 24.632 |
| 5.66537037 | 14.41 | 30.9003 | 5.83493056 | 14.16 | 28.3799 | 6.00449074 | 13.71 | 24.775 |
| 5.66548611 | 14.41 | 30.7553 | 5.8350463 | 14.17 | 28.6099 | 6.00460648 | 13.7 | 24.6847 |
| 5.66560185 | 14.41 | 30.5258 | 5.83516204 | 14.22 | 28.9892 | 6.00472222 | 13.71 | 24.7375 |
| 5.66571759 | 14.41 | 30.4453 | 5.83527778 | 14.17 | 28.6856 | 6.00483796 | 13.7 | 24.6909 |
| 5.66583333 | 14.41 | 30.45 | 5.83539352 | 14.15 | 28.4203 | 6.0049537 | 13.69 | 24.6322 |
| 5.66594907 | 14.41 | 30.3464 | 5.83550926 | 14.13 | 28.3936 | 6.00506944 | 13.69 | 24.6322 |
| 5.66606482 | 14.41 | 30.4595 | 5.835625 | 14.13 | 28.5098 | 6.00518519 | 13.69 | 24.6168 |
| 5.66618056 | 14.41 | 30.4123 | 5.83574074 | 14.19 | 28.8787 | 6.00530093 | 13.69 | 24.6168 |
| 5.6662963 | 14.41 | 30.3464 | 5.83585648 | 14.2 | 29.0085 | 6.00541667 | 13.69 | 24.6539 |
| 5.66641204 | 14.41 | 30.3699 | 5.83597222 | 14.19 | 28.7087 | 6.00553241 | 13.69 | 24.6446 |
| 5.66652778 | 14.41 | 30.5258 | 5.83608796 | 14.19 | 28.768 | 6.00564815 | 13.69 | 24.623 |
| 5.66664352 | 14.41 | 30.6306 | 5.8362037 | 14.2 | 28.7818 | 6.00576389 | 13.7 | 24.8097 |
| 5.66675926 | 14.41 | 30.6833 | 5.83631944 | 14.17 | 28.6814 | 6.00587963 | 13.7 | 24.8254 |
| 5.666875 | 14.41 | 30.6211 | 5.83643519 | 14.16 | 28.413 | 6.00599537 | 13.7 | 24.879 |
| 5.66699074 | 14.41 | 30.2854 | 5.83655093 | 14.16 | 28.496 | 6.00611111 | 13.71 | 24.8567 |
| 5.66710648 | 14.41 | 30.4217 | 5.83666667 | 14.17 | 28.5429 | 6.00622685 | 13.71 | 24.8567 |
| 5.66722222 | 14.41 | 30.6402 | 5.83678241 | 14.17 | 28.4263 | 6.00634259 | 13.71 | 24.9771 |
| 5.66733796 | 14.4 | 30.7536 | 5.83689815 | 14.16 | 28.2646 | 6.00645833 | 13.73 | 25.1566 |
| 5.6674537 | 14.41 | 30.8277 | 5.83701389 | 14.17 | 28.2614 | 6.00657407 | 13.74 | 25.1662 |
| 5.66756944 | 14.41 | 30.7505 | 5.83712963 | 14.17 | 28.3601 | 6.00668982 | 13.76 | 25.1531 |
| 5.66768519 | 14.41 | 30.6259 | 5.83724537 | 14.22 | 28.9333 | 6.00680556 | 13.74 | 25.1792 |
| 5.66780093 | 14.41 | 30.8422 | 5.83736111 | 14.2 | 28.714 | 6.0069213 | 13.73 | 25.0024 |
| 5.66791667 | 14.4 | 31.1576 | 5.83747685 | 14.2 | 28.6045 | 6.00703704 | 13.74 | 25.0952 |
| 5.66803241 | 14.4 | 31.2911 | 5.83759259 | 14.2 | 28.6045 | 6.00715278 | 13.74 | 25.1889 |
| 5.66814815 | 14.4 | 31.306 | 5.83770833 | 14.26 | 29.1671 | 6.00726852 | 13.71 | 25.0602 |
| 5.66826389 | 14.4 | 31.2564 | 5.83782407 | 14.26 | 29.2676 | 6.00738426 | 13.73 | 25.0408 |
| 5.66837963 | 14.4 | 30.991 | 5.83793982 | 14.23 | 28.9259 | 6.0075 | 13.71 | 24.939 |
| 5.66849537 | 14.41 | 31.0563 | 5.83805556 | 14.2 | 28.676 | 6.00761574 | 13.7 | 24.8916 |
| 5.66861111 | 14.4 | 31.4156 | 5.8381713 | 14.19 | 28.7892 | 6.00773148 | 13.71 | 25.0218 |
| 5.66872685 | 14.4 | 31.3507 | 5.83828704 | 14.19 | 28.768 | 6.00784722 | 13.73 | 25.2409 |
| 5.66884259 | 14.4 | 31.2069 | 5.83840278 | 14.16 | 28.5294 | 6.00796296 | 13.71 | 25.1148 |
| 5.66895833 | 14.4 | 31.2119 | 5.83851852 | 14.16 | 28.5085 | 6.0080787 | 13.73 | 25.1307 |
| 5.66907407 | 14.41 | 30.5877 | 5.83863426 | 14.17 | 28.6141 | 6.00819444 | 13.73 | 25.1404 |
| 5.66918982 | 14.41 | 30.0945 | 5.83875 | 14.19 | 28.6245 | 6.00831019 | 13.73 | 24.9864 |
| 5.66930556 | 14.4 | 30.7922 | 5.83886574 | 14.16 | 28.4752 | 6.00842593 | 13.71 | 24.9931 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6694213 | 14.4 | 30.8937 | 5.83898148 | 14.19 | 28.7807 | 6.00854167 | 13.7 | 24.9613 |
| 5.66953704 | 14.41 | 30.6737 | 5.83909722 | 14.17 | 28.6603 | 6.00865741 | 13.71 | 24.9994 |
| 5.66965278 | 14.4 | 30.5765 | 5.83921296 | 14.16 | 28.5837 | 6.00877315 | 13.7 | 24.9233 |
| 5.66976852 | 14.41 | 30.5972 | 5.8393287 | 14.16 | 28.5043 | 6.00888889 | 13.7 | 24.8632 |
| 5.66988426 | 14.4 | 30.8259 | 5.83944444 | 14.17 | 28.5387 | 6.00900463 | 13.7 | 24.9233 |
| 5.67 | 14.4 | 30.8937 | 5.83956019 | 14.17 | 28.5262 | 6.00912037 | 13.7 | 24.8537 |
| 5.67011574 | 14.41 | 30.8035 | 5.83967593 | 14.16 | 28.5795 | 6.00923611 | 13.7 | 24.879 |
| 5.67023148 | 14.4 | 30.9618 | 5.83979167 | 14.17 | 28.6057 | 6.00935185 | 13.7 | 24.955 |
| 5.67034722 | 14.4 | 30.6147 | 5.83990741 | 14.17 | 28.5638 | 6.00946759 | 13.7 | 24.8537 |
| 5.67046296 | 14.41 | 30.7746 | 5.84002315 | 14.17 | 28.5387 | 6.00958333 | 13.69 | 24.7629 |
| 5.6705787 | 14.41 | 30.4879 | 5.84013889 | 14.16 | 28.5461 | 6.00969907 | 13.69 | 24.8161 |
| 5.67069444 | 14.4 | 30.8163 | 5.84025463 | 14.17 | 28.5805 | 6.00981482 | 13.7 | 24.8632 |
| 5.67081019 | 14.41 | 30.8035 | 5.84037037 | 14.17 | 28.7278 | 6.00993056 | 13.7 | 24.8916 |
| 5.67092593 | 14.41 | 30.4737 | 5.84048611 | 14.16 | 28.5461 | 6.0100463 | 13.7 | 24.9391 |
| 5.67104167 | 14.42 | 30.096 | 5.84060185 | 14.15 | 28.4618 | 6.01016204 | 13.71 | 24.9326 |
| 5.67115741 | 14.42 | 29.487 | 5.84071759 | 14.15 | 28.4369 | 6.01027778 | 13.7 | 24.879 |
| 5.67127315 | 14.44 | 29.4006 | 5.84083333 | 14.15 | 28.4701 | 6.01039352 | 13.7 | 24.9233 |
| 5.67138889 | 14.41 | 31.2187 | 5.84094907 | 14.16 | 28.5043 | 6.01050926 | 13.7 | 24.9296 |
| 5.67150463 | 14.4 | 31.1626 | 5.84106482 | 14.15 | 28.5409 | 6.010625 | 13.7 | 24.8097 |
| 5.67162037 | 14.42 | 29.6574 | 5.84118056 | 14.15 | 28.5117 | 6.01074074 | 13.69 | 24.741 |
| 5.67173611 | 14.41 | 30.1409 | 5.8412963 | 14.15 | 28.5326 | 6.01085648 | 13.7 | 24.9233 |
| 5.67185185 | 14.41 | 30.6641 | 5.84141204 | 14.15 | 28.566 | 6.01097222 | 13.71 | 24.8725 |
| 5.67196759 | 14.41 | 30.469 | 5.84152778 | 14.15 | 28.5326 | 6.01108796 | 13.7 | 24.8034 |
| 5.67208333 | 14.41 | 29.81 | 5.84164352 | 14.15 | 28.5409 | 6.0112037 | 13.7 | 24.816 |
| 5.67219907 | 14.41 | 30.5353 | 5.84175926 | 14.16 | 28.5461 | 6.01131944 | 13.73 | 25.0632 |
| 5.67231482 | 14.42 | 30.1238 | 5.841875 | 14.13 | 28.5808 | 6.01143519 | 13.7 | 24.9011 |
| 5.67243056 | 14.44 | 29.3386 | 5.84199074 | 14.13 | 28.6143 | 6.01155093 | 13.69 | 24.8381 |
| 5.6725463 | 14.41 | 30.4217 | 5.84210648 | 14.15 | 28.5869 | 6.01166667 | 13.69 | 24.7254 |
| 5.67266204 | 14.41 | 30.4879 | 5.84222222 | 14.17 | 28.9622 | 6.01178241 | 13.7 | 24.8474 |
| 5.67277778 | 14.44 | 28.8938 | 5.84233796 | 14.22 | 29.254 | 6.01189815 | 13.73 | 25.1307 |
| 5.67289352 | 14.41 | 30.645 | 5.8424537 | 14.22 | 29.333 | 6.01201389 | 13.71 | 25.0314 |
| 5.67300926 | 14.4 | 31.1281 | 5.84256944 | 14.23 | 29.2815 | 6.01212963 | 13.69 | 24.876 |
| 5.673125 | 14.38 | 31.3719 | 5.84268519 | 14.23 | 29.3563 | 6.01224537 | 13.7 | 24.8474 |
| 5.67324074 | 14.41 | 30.3511 | 5.84280093 | 14.23 | 29.3123 | 6.01236111 | 13.7 | 24.8537 |
| 5.67335648 | 14.41 | 29.8921 | 5.84291667 | 14.23 | 29.3475 | 6.01247685 | 13.7 | 24.8853 |
| 5.67347222 | 14.44 | 28.5284 | 5.84303241 | 14.24 | 29.4681 | 6.01259259 | 13.69 | 24.9076 |
| 5.67358796 | 14.47 | 28.1539 | 5.84314815 | 14.23 | 29.3475 | 6.01270833 | 13.73 | 25.2637 |
| 5.6737037 | 14.42 | 30.2122 | 5.84326389 | 14.26 | 29.4973 | 6.01282407 | 13.71 | 25.0602 |
| 5.67381944 | 14.41 | 30.9052 | 5.84337963 | 14.26 | 29.4618 | 6.01293982 | 13.71 | 25.1084 |
| 5.67393519 | 14.41 | 30.7457 | 5.84349537 | 14.26 | 29.4929 | 6.01305556 | 13.71 | 25.0314 |
| 5.67405093 | 14.41 | 30.4453 | 5.84361111 | 14.23 | 29.3079 | 6.0131713 | 13.73 | 25.0472 |
| 5.67416667 | 14.42 | 30.0868 | 5.84372685 | 14.2 | 29.221 | 6.01328704 | 13.76 | 25.441 |
| 5.67428241 | 14.41 | 30.3276 | 5.84384259 | 14.2 | 29.1079 | 6.01340278 | 13.77 | 25.5708 |
| 5.67439815 | 14.41 | 30.3041 | 5.84395833 | 14.2 | 29.0862 | 6.01351852 | 13.74 | 25.1889 |
| 5.67451389 | 14.41 | 30.4406 | 5.84407407 | 14.19 | 29.0635 | 6.01363426 | 13.73 | 25.1243 |
| 5.67462963 | 14.41 | 30.3605 | 5.84418982 | 14.22 | 29.0021 | 6.01375 | 13.71 | 25.0826 |
| 5.67474537 | 14.42 | 30.5322 | 5.84430556 | 14.19 | 29.0505 | 6.01386574 | 13.73 | 25.2246 |
| 5.67486111 | 14.41 | 30.469 | 5.8444213 | 14.2 | 29.1296 | 6.01398148 | 13.73 | 25.2181 |
| 5.67497685 | 14.41 | 30.4595 | 5.84453704 | 14.2 | 29.0862 | 6.01409722 | 13.74 | 25.4476 |
| 5.67509259 | 14.42 | 30.537 | 5.84465278 | 14.26 | 29.5285 | 6.01421296 | 13.74 | 25.1954 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67520833 | 14.41 | 30.645 | 5.84476852 | 14.22 | 29.1798 | 6.0143287 | 13.74 | 25.4708 |
| 5.67532407 | 14.41 | 30.9295 | 5.84488426 | 14.24 | 29.4061 | 6.01444444 | 13.77 | 25.514 |
| 5.67543982 | 14.41 | 30.8518 | 5.845 | 14.26 | 29.444 | 6.01456019 | 13.73 | 25.4278 |
| 5.67555556 | 14.41 | 30.602 | 5.84511574 | 14.24 | 29.5215 | 6.01467593 | 13.74 | 25.3192 |
| 5.6756713 | 14.42 | 30.301 | 5.84523148 | 14.26 | 29.5642 | 6.01479167 | 13.73 | 25.3586 |
| 5.67578704 | 14.41 | 30.2807 | 5.84534722 | 14.27 | 29.5342 | 6.01490741 | 13.76 | 25.6075 |
| 5.67590278 | 14.41 | 30.2947 | 5.84546296 | 14.26 | 29.5151 | 6.01502315 | 13.77 | 25.5474 |
| 5.67601852 | 14.41 | 30.276 | 5.8455787 | 14.26 | 29.5151 | 6.01513889 | 13.77 | 25.5607 |
| 5.67613426 | 14.42 | 30.0868 | 5.84569444 | 14.24 | 29.4459 | 6.01525463 | 13.76 | 25.4642 |
| 5.67625 | 14.44 | 30.0528 | 5.84581019 | 14.2 | 29.0776 | 6.01537037 | 13.76 | 25.4179 |
| 5.67636574 | 14.42 | 30.3104 | 5.84592593 | 14.19 | 28.8488 | 6.01548611 | 13.73 | 25.2246 |
| 5.67648148 | 14.42 | 30.3385 | 5.84604167 | 14.17 | 28.9879 | 6.01560185 | 13.74 | 25.3028 |
| 5.67659722 | 14.42 | 30.3762 | 5.84615741 | 14.17 | 29.0526 | 6.01571759 | 13.74 | 25.3127 |
| 5.67671296 | 14.44 | 30.1966 | 5.84627315 | 14.17 | 28.8169 | 6.01583333 | 13.71 | 25.1374 |
| 5.6768287 | 14.42 | 30.2635 | 5.84638889 | 14.17 | 28.8169 | 6.01594907 | 13.74 | 25.2474 |
| 5.67694444 | 14.44 | 30.2199 | 5.84650463 | 14.15 | 28.5869 | 6.01606482 | 13.71 | 25.147 |
| 5.67706019 | 14.42 | 30.3151 | 5.84662037 | 14.13 | 28.5975 | 6.01618056 | 13.71 | 25.1697 |
| 5.67717593 | 14.42 | 30.4044 | 5.84673611 | 14.15 | 28.5827 | 6.0162963 | 13.73 | 25.1533 |
| 5.67729167 | 14.41 | 30.5449 | 5.84685185 | 14.17 | 28.7744 | 6.01641204 | 13.74 | 25.3258 |
| 5.67740741 | 14.41 | 30.5116 | 5.84696759 | 14.16 | 28.6467 | 6.01652778 | 13.74 | 25.2571 |
| 5.67752315 | 14.41 | 30.5734 | 5.84708333 | 14.15 | 28.7131 | 6.01664352 | 13.76 | 25.4708 |
| 5.67763889 | 14.41 | 30.6306 | 5.84719907 | 14.15 | 28.6878 | 6.01675926 | 13.76 | 25.5107 |
| 5.67775463 | 14.41 | 30.5639 | 5.84731482 | 14.15 | 28.7554 | 6.016875 | 13.71 | 25.1535 |
| 5.67787037 | 14.41 | 30.5877 | 5.84743056 | 14.15 | 28.7384 | 6.01699074 | 13.71 | 25.1051 |
| 5.67798611 | 14.42 | 30.5037 | 5.8475463 | 14.15 | 28.7342 | 6.01710648 | 13.71 | 25.1438 |
| 5.67810185 | 14.42 | 30.4375 | 5.84766204 | 14.16 | 28.7776 | 6.01722222 | 13.73 | 25.2963 |
| 5.67821759 | 14.41 | 30.5639 | 5.84777778 | 14.15 | 28.7681 | 6.01733796 | 13.73 | 25.1922 |
| 5.67833333 | 14.41 | 30.8035 | 5.84789352 | 14.15 | 28.8148 | 6.0174537 | 13.7 | 25.0219 |
| 5.67844907 | 14.41 | 30.7025 | 5.84800926 | 14.16 | 28.8031 | 6.01756944 | 13.7 | 24.99 |
| 5.67856482 | 14.41 | 31.1398 | 5.848125 | 14.15 | 28.7893 | 6.01768519 | 13.7 | 25.0059 |
| 5.67868056 | 14.4 | 31.0154 | 5.84824074 | 14.15 | 28.7978 | 6.01780093 | 13.7 | 24.9964 |
| 5.6787963 | 14.4 | 31.133 | 5.84835648 | 14.16 | 28.8243 | 6.01791667 | 13.71 | 25.0218 |
| 5.67891204 | 14.4 | 31.2069 | 5.84847222 | 14.16 | 28.8158 | 6.01803241 | 13.71 | 24.9771 |
| 5.67902778 | 14.41 | 30.8567 | 5.84858796 | 14.16 | 28.8584 | 6.01814815 | 13.7 | 25.0283 |
| 5.67914352 | 14.41 | 30.8228 | 5.8487037 | 14.15 | 28.819 | 6.01826389 | 13.7 | 24.9613 |
| 5.67925926 | 14.4 | 31.2812 | 5.84881944 | 14.16 | 28.8456 | 6.01837963 | 13.7 | 24.9677 |
| 5.679375 | 14.38 | 31.5874 | 5.84893519 | 14.15 | 28.8531 | 6.01849537 | 13.7 | 24.9518 |
| 5.67949074 | 14.38 | 31.5471 | 5.84905093 | 14.16 | 28.884 | 6.01861111 | 13.7 | 24.99 |
| 5.67960648 | 14.38 | 31.3172 | 5.84916667 | 14.19 | 29.1545 | 6.01872685 | 13.7 | 25.0667 |
| 5.67972222 | 14.38 | 31.1294 | 5.84928241 | 14.19 | 29.1458 | 6.01884259 | 13.73 | 25.0857 |
| 5.67983796 | 14.41 | 30.1967 | 5.84939815 | 14.19 | 29.1806 | 6.01895833 | 13.71 | 25.0602 |
| 5.6799537 | 14.42 | 30.0498 | 5.84951389 | 14.19 | 29.1024 | 6.01907407 | 13.71 | 25.0762 |
| 5.68006944 | 14.42 | 29.6755 | 5.84962963 | 14.2 | 29.2254 | 6.01918982 | 13.71 | 25.0762 |
| 5.68018519 | 14.42 | 29.7841 | 5.84974537 | 14.2 | 29.1949 | 6.01930556 | 13.71 | 25.0666 |
| 5.68030093 | 14.42 | 29.7252 | 5.84986111 | 14.2 | 29.2735 | 6.0194213 | 13.71 | 25.1148 |
| 5.68041667 | 14.44 | 29.6692 | 5.84997685 | 14.2 | 29.3482 | 6.01953704 | 13.71 | 25.1051 |
| 5.68053241 | 14.42 | 29.68 | 5.85009259 | 14.2 | 29.2692 | 6.01965278 | 13.73 | 25.2409 |
| 5.68064815 | 14.42 | 29.7116 | 5.85020833 | 14.22 | 29.3242 | 6.01976852 | 13.73 | 25.1533 |
| 5.68076389 | 14.42 | 29.8387 | 5.85032407 | 14.22 | 29.3023 | 6.01988426 | 13.73 | 25.2084 |
| 5.68087963 | 14.41 | 29.7691 | 5.85043982 | 14.22 | 29.311 | 6.02 | 13.73 | 25.2539 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68099537 | 14.42 | 29.8981 | 5.85055556 | 14.22 | 29.311 | 6.02011574 | 13.74 | 25.5073 |
| 5.68111111 | 14.41 | 29.97 | 5.8506713 | 14.22 | 29.2759 | 6.02023148 | 13.71 | 25.2443 |
| 5.68122685 | 14.41 | 29.97 | 5.85078704 | 14.2 | 29.1949 | 6.02034722 | 13.73 | 25.2409 |
| 5.68134259 | 14.41 | 30.0206 | 5.85090278 | 14.22 | 29.2453 | 6.02046296 | 13.73 | 25.2019 |
| 5.68145833 | 14.41 | 30.0668 | 5.85101852 | 14.22 | 29.2365 | 6.0205787 | 13.71 | 25.1535 |
| 5.68157407 | 14.41 | 30.1548 | 5.85113426 | 14.2 | 29.2385 | 6.02069444 | 13.73 | 25.163 |
| 5.68168982 | 14.41 | 30.1827 | 5.85125 | 14.19 | 29.0678 | 6.02081019 | 13.73 | 25.2246 |
| 5.68180556 | 14.41 | 30.262 | 5.85136574 | 14.17 | 29.0698 | 6.02092593 | 13.71 | 25.2605 |
| 5.6819213 | 14.41 | 30.206 | 5.85148148 | 14.15 | 28.9428 | 6.02104167 | 13.74 | 25.2865 |
| 5.68203704 | 14.41 | 30.1316 | 5.85159722 | 14.16 | 28.9653 | 6.02115741 | 13.71 | 25.2605 |
| 5.68215278 | 14.41 | 30.2386 | 5.85171296 | 14.13 | 28.9621 | 6.02127315 | 13.73 | 25.4278 |
| 5.68226852 | 14.4 | 30.3166 | 5.8518287 | 14.15 | 28.9086 | 6.02138889 | 13.76 | 25.5741 |
| 5.68238426 | 14.41 | 30.1873 | 5.85194444 | 14.13 | 28.868 | 6.02150463 | 13.74 | 25.5007 |
| 5.6825 | 14.4 | 30.2231 | 5.85206019 | 14.13 | 28.8808 | 6.02162037 | 13.76 | 25.6142 |
| 5.68261574 | 14.4 | 30.2745 | 5.85217593 | 14.12 | 28.8456 | 6.02173611 | 13.74 | 25.375 |
| 5.68273148 | 14.4 | 30.2979 | 5.85229167 | 14.1 | 28.8265 | 6.02185185 | 13.74 | 25.3981 |
| 5.68284722 | 14.4 | 30.3213 | 5.85240741 | 14.1 | 28.8138 | 6.02196759 | 13.74 | 25.494 |
| 5.68296296 | 14.4 | 30.3026 | 5.85252315 | 14.1 | 28.7841 | 6.02208333 | 13.76 | 25.5607 |
| 5.6830787 | 14.4 | 30.3119 | 5.85263889 | 14.1 | 28.7249 | 6.02219907 | 13.73 | 25.3948 |
| 5.68319444 | 14.4 | 30.4012 | 5.85275463 | 14.1 | 28.7502 | 6.02231482 | 13.76 | 25.5741 |
| 5.68331019 | 14.4 | 30.3918 | 5.85287037 | 14.1 | 28.7249 | 6.02243056 | 13.76 | 25.6075 |
| 5.68342593 | 14.4 | 30.3824 | 5.85298611 | 14.1 | 28.6912 | 6.0225463 | 13.77 | 25.6412 |
| 5.68354167 | 14.4 | 30.4295 | 5.85310185 | 14.1 | 28.6869 | 6.02266204 | 13.77 | 25.6546 |
| 5.68365741 | 14.38 | 30.4736 | 5.85321759 | 14.1 | 28.6912 | 6.02277778 | 13.77 | 25.658 |
| 5.68377315 | 14.4 | 30.4532 | 5.85333333 | 14.09 | 28.6439 | 6.02289352 | 13.76 | 25.6613 |
| 5.68388889 | 14.4 | 30.4437 | 5.85344907 | 14.08 | 28.622 | 6.02300926 | 13.76 | 25.4708 |
| 5.68400463 | 14.4 | 30.4295 | 5.85356482 | 14.09 | 28.6313 | 6.023125 | 13.73 | 25.3487 |
| 5.68412037 | 14.38 | 30.4925 | 5.85368056 | 14.09 | 28.6104 | 6.02324074 | 13.76 | 25.6546 |
| 5.68423611 | 14.4 | 30.4343 | 5.8537963 | 14.09 | 28.6229 | 6.02335648 | 13.78 | 25.8275 |
| 5.68435185 | 14.38 | 30.4452 | 5.85391204 | 14.1 | 28.6785 | 6.02347222 | 13.78 | 25.7731 |
| 5.68446759 | 14.38 | 30.4547 | 5.85402778 | 14.1 | 28.6575 | 6.02358796 | 13.76 | 25.631 |
| 5.68458333 | 14.38 | 30.4783 | 5.85414352 | 14.1 | 28.6575 | 6.0237037 | 13.77 | 25.6715 |
| 5.68469907 | 14.38 | 30.5828 | 5.85425926 | 14.09 | 28.6481 | 6.02381944 | 13.77 | 25.6311 |
| 5.68481482 | 14.38 | 30.559 | 5.854375 | 14.09 | 28.5978 | 6.02393519 | 13.76 | 25.5674 |
| 5.68493056 | 14.38 | 30.6735 | 5.85449074 | 14.08 | 28.622 | 6.02405093 | 13.74 | 25.5073 |
| 5.6850463 | 14.38 | 30.5971 | 5.85460648 | 14.08 | 28.6178 | 6.02416667 | 13.76 | 25.5173 |
| 5.68516204 | 14.38 | 30.5542 | 5.85472222 | 14.08 | 28.6136 | 6.02428241 | 13.74 | 25.4907 |
| 5.68527778 | 14.37 | 30.6002 | 5.85483796 | 14.08 | 28.6513 | 6.02439815 | 13.74 | 25.5073 |
| 5.68539352 | 14.38 | 30.5875 | 5.8549537 | 14.13 | 28.9449 | 6.02451389 | 13.73 | 25.3816 |
| 5.68550926 | 14.38 | 30.6114 | 5.85506944 | 14.13 | 28.8084 | 6.02462963 | 13.74 | 25.4278 |
| 5.685625 | 14.38 | 30.7118 | 5.85518519 | 14.13 | 28.8127 | 6.02474537 | 13.74 | 25.375 |
| 5.68574074 | 14.38 | 30.6735 | 5.85530093 | 14.13 | 28.8424 | 6.02486111 | 13.73 | 25.3717 |
| 5.68585648 | 14.38 | 30.6448 | 5.85541667 | 14.13 | 28.8552 | 6.02497685 | 13.73 | 25.3323 |
| 5.68597222 | 14.38 | 30.6879 | 5.85553241 | 14.13 | 28.9535 | 6.02509259 | 13.71 | 25.339 |
| 5.68608796 | 14.37 | 30.7871 | 5.85564815 | 14.13 | 28.9021 | 6.02520833 | 13.74 | 25.4774 |
| 5.6862037 | 14.38 | 30.7118 | 5.85576389 | 14.15 | 28.99 | 6.02532407 | 13.76 | 25.6377 |
| 5.68631944 | 14.38 | 30.7647 | 5.85587963 | 14.16 | 28.9525 | 6.02543982 | 13.74 | 25.5706 |
| 5.68643519 | 14.36 | 31.2392 | 5.85599537 | 14.16 | 28.9182 | 6.02555556 | 13.74 | 25.594 |
| 5.68655093 | 14.36 | 31.1553 | 5.85611111 | 14.15 | 28.9128 | 6.0256713 | 13.76 | 25.6613 |
| 5.68666667 | 14.37 | 30.976 | 5.85622685 | 14.13 | 28.8851 | 6.02578704 | 13.77 | 25.7628 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68678241 | 14.33 | 31.4974 | 5.85634259 | 14.13 | 28.8339 | 6.02590278 | 13.77 | 25.7289 |
| 5.68689815 | 14.34 | 31.2949 | 5.85645833 | 14.12 | 28.7862 | 6.02601852 | 13.76 | 25.6478 |
| 5.68701389 | 14.34 | 31.3495 | 5.85657407 | 14.15 | 28.9171 | 6.02613426 | 13.74 | 25.6108 |
| 5.68712963 | 14.34 | 31.4243 | 5.85668982 | 14.15 | 28.9128 | 6.02625 | 13.76 | 25.5807 |
| 5.68724537 | 14.33 | 31.2436 | 5.85680556 | 14.15 | 28.8915 | 6.02636574 | 13.74 | 25.6343 |
| 5.68736111 | 14.33 | 31.5376 | 5.8569213 | 14.15 | 28.9257 | 6.02648148 | 13.77 | 25.7594 |
| 5.68747685 | 14.33 | 31.4374 | 5.85703704 | 14.13 | 28.8424 | 6.02659722 | 13.77 | 25.7934 |
| 5.68759259 | 14.34 | 31.4442 | 5.85715278 | 14.12 | 28.7862 | 6.02671296 | 13.78 | 25.7527 |
| 5.68770833 | 14.33 | 31.3725 | 5.85726852 | 14.12 | 28.7269 | 6.0268287 | 13.78 | 25.7697 |
| 5.68782407 | 14.34 | 31.5445 | 5.85738426 | 14.1 | 28.7883 | 6.02694444 | 13.76 | 25.7119 |
| 5.68793982 | 14.33 | 31.4524 | 5.8575 | 14.1 | 28.7672 | 6.02706019 | 13.76 | 25.7593 |
| 5.68805556 | 14.33 | 31.4474 | 5.85761574 | 14.12 | 28.7523 | 6.02717593 | 13.74 | 25.6108 |
| 5.6881713 | 14.33 | 31.6484 | 5.85773148 | 14.1 | 28.7587 | 6.02729167 | 13.76 | 25.5975 |
| 5.68828704 | 14.33 | 31.598 | 5.85784722 | 14.1 | 28.7249 | 6.02740741 | 13.74 | 25.7151 |
| 5.68840278 | 14.33 | 31.6839 | 5.85796296 | 14.09 | 28.6944 | 6.02752315 | 13.73 | 25.5773 |
| 5.68851852 | 14.31 | 31.68 | 5.8580787 | 14.08 | 28.6934 | 6.02763889 | 13.73 | 25.4675 |
| 5.68863426 | 14.31 | 31.685 | 5.85819444 | 14.09 | 28.6775 | 6.02775463 | 13.73 | 25.604 |
| 5.68875 | 14.33 | 31.5728 | 5.85831019 | 14.09 | 28.6859 | 6.02787037 | 13.74 | 25.6041 |
| 5.68886574 | 14.31 | 31.6547 | 5.85842593 | 14.09 | 28.6775 | 6.02798611 | 13.73 | 25.5372 |
| 5.68898148 | 14.33 | 31.4274 | 5.85854167 | 14.09 | 28.6986 | 6.02810185 | 13.71 | 25.4476 |
| 5.68909722 | 14.31 | 31.6698 | 5.85865741 | 14.09 | 28.6649 | 6.02821759 | 13.73 | 25.651 |
| 5.68921296 | 14.34 | 31.2602 | 5.85877315 | 14.06 | 28.6536 | 6.02833333 | 13.71 | 25.3849 |
| 5.6893287 | 14.36 | 30.9208 | 5.85888889 | 14.08 | 28.6597 | 6.02844907 | 13.71 | 25.4476 |
| 5.68944444 | 14.36 | 30.9694 | 5.85900463 | 14.09 | 28.6523 | 6.02856482 | 13.7 | 25.4377 |
| 5.68956019 | 14.34 | 31.2602 | 5.85912037 | 14.09 | 28.6523 | 6.02868056 | 13.71 | 25.4708 |
| 5.68967593 | 14.36 | 31.0768 | 5.85923611 | 14.09 | 28.6649 | 6.0287963 | 13.7 | 25.441 |
| 5.68979167 | 14.34 | 31.1911 | 5.85935185 | 14.08 | 28.685 | 6.02891204 | 13.7 | 25.3915 |
| 5.68990741 | 14.36 | 31.2145 | 5.85946759 | 14.08 | 28.706 | 6.02902778 | 13.7 | 25.3587 |
| 5.69002315 | 14.36 | 31.175 | 5.85958333 | 14.08 | 28.6807 | 6.02914352 | 13.7 | 25.4377 |
| 5.69013889 | 14.34 | 31.201 | 5.85969907 | 14.09 | 28.6649 | 6.02925926 | 13.7 | 25.3685 |
| 5.69025463 | 14.34 | 31.1714 | 5.85981482 | 14.08 | 28.6723 | 6.029375 | 13.73 | 25.5372 |
| 5.69037037 | 14.34 | 31.2553 | 5.85993056 | 14.09 | 28.6944 | 6.02949074 | 13.71 | 25.4476 |
| 5.69048611 | 14.34 | 31.2059 | 5.8600463 | 14.09 | 28.6944 | 6.02960648 | 13.73 | 25.6342 |
| 5.69060185 | 14.36 | 31.1652 | 5.86016204 | 14.09 | 28.7197 | 6.02972222 | 13.77 | 25.9749 |
| 5.69071759 | 14.36 | 31.1553 | 5.86027778 | 14.09 | 28.707 | 6.02983796 | 13.77 | 26.0337 |
| 5.69083333 | 14.34 | 31.201 | 5.86039352 | 14.1 | 28.7672 | 6.0299537 | 13.78 | 25.8857 |
| 5.69094907 | 14.36 | 31.2293 | 5.86050926 | 14.1 | 28.7333 | 6.03006944 | 13.73 | 25.6577 |
| 5.69106482 | 14.34 | 31.2504 | 5.860625 | 14.09 | 28.7408 | 6.03018519 | 13.77 | 25.9233 |
| 5.69118056 | 14.36 | 31.254 | 5.86074074 | 14.09 | 28.7323 | 6.03030093 | 13.78 | 25.9097 |
| 5.6912963 | 14.36 | 31.2788 | 5.86085648 | 14.09 | 28.7197 | 6.03041667 | 13.78 | 25.8583 |
| 5.69141204 | 14.36 | 31.1947 | 5.86097222 | 14.1 | 28.7672 | 6.03053241 | 13.77 | 25.9164 |
| 5.69152778 | 14.36 | 31.2243 | 5.86108796 | 14.1 | 28.746 | 6.03064815 | 13.78 | 25.9269 |
| 5.69164352 | 14.36 | 31.2145 | 5.8612037 | 14.1 | 28.7376 | 6.03076389 | 13.78 | 25.9924 |
| 5.69175926 | 14.36 | 31.1652 | 5.86131944 | 14.1 | 28.7291 | 6.03087963 | 13.77 | 25.9267 |
| 5.691875 | 14.36 | 31.2194 | 5.86143519 | 14.1 | 28.7333 | 6.03099537 | 13.78 | 25.951 |
| 5.69199074 | 14.36 | 31.175 | 5.86155093 | 14.1 | 28.708 | 6.03111111 | 13.77 | 25.8342 |
| 5.69210648 | 14.36 | 31.1799 | 5.86166667 | 14.09 | 28.7281 | 6.03122685 | 13.77 | 25.8924 |
| 5.69222222 | 14.36 | 31.1947 | 5.86178241 | 14.1 | 28.6996 | 6.03134259 | 13.78 | 25.9441 |
| 5.69233796 | 14.36 | 31.1799 | 5.86189815 | 14.09 | 28.7028 | 6.03145833 | 13.8 | 26.0516 |
| 5.6924537 | 14.36 | 31.2194 | 5.86201389 | 14.09 | 28.7535 | 6.03157407 | 13.81 | 26.1389 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69256944 | 14.34 | 31.2405 | 5.86212963 | 14.09 | 28.7365 | 6.03168982 | 13.8 | 26.1282 |
| 5.69268519 | 14.34 | 31.2108 | 5.86224537 | 14.09 | 28.7365 | 6.03180556 | 13.78 | 26.0929 |
| 5.69280093 | 14.36 | 31.2342 | 5.86236111 | 14.1 | 28.7333 | 6.0319213 | 13.81 | 26.1564 |
| 5.69291667 | 14.36 | 31.2194 | 5.86247685 | 14.09 | 28.7323 | 6.03203704 | 13.81 | 26.1214 |
| 5.69303241 | 14.34 | 31.2454 | 5.86259259 | 14.09 | 28.7028 | 6.03215278 | 13.8 | 26.1527 |
| 5.69314815 | 14.36 | 31.2046 | 5.86270833 | 14.08 | 28.6934 | 6.03226852 | 13.83 | 26.1358 |
| 5.69326389 | 14.34 | 31.2158 | 5.86282407 | 14.09 | 28.707 | 6.03238426 | 13.8 | 26.0446 |
| 5.69337963 | 14.34 | 31.29 | 5.86293982 | 14.09 | 28.7197 | 6.0325 | 13.8 | 26.1108 |
| 5.69349537 | 14.36 | 31.3234 | 5.86305556 | 14.1 | 28.6996 | 6.03261574 | 13.81 | 26.0866 |
| 5.69361111 | 14.34 | 31.3445 | 5.8631713 | 14.09 | 28.7028 | 6.03273148 | 13.8 | 26.0516 |
| 5.69372685 | 14.34 | 31.2999 | 5.86328704 | 14.09 | 28.6944 | 6.03284722 | 13.77 | 25.8582 |
| 5.69384259 | 14.36 | 31.2887 | 5.86340278 | 14.09 | 28.6944 | 6.03296296 | 13.74 | 25.6343 |
| 5.69395833 | 14.34 | 31.29 | 5.86351852 | 14.09 | 28.6944 | 6.0330787 | 13.69 | 25.4774 |
| 5.69407407 | 14.36 | 31.2688 | 5.86363426 | 14.09 | 28.7281 | 6.03319444 | 13.69 | 25.4675 |
| 5.69418982 | 14.34 | 31.2999 | 5.86375 | 14.09 | 28.7028 | 6.03331019 | 13.69 | 25.4608 |
| 5.69430556 | 14.36 | 31.2392 | 5.86386574 | 14.09 | 28.7154 | 6.03342593 | 13.67 | 25.4575 |
| 5.6944213 | 14.34 | 31.29 | 5.86398148 | 14.1 | 28.6827 | 6.03354167 | 13.69 | 25.4608 |
| 5.69453704 | 14.34 | 31.3247 | 5.86409722 | 14.09 | 28.7197 | 6.03365741 | 13.69 | 25.4708 |
| 5.69465278 | 14.34 | 31.3445 | 5.86421296 | 14.09 | 28.7154 | 6.03377315 | 13.7 | 25.4873 |
| 5.69476852 | 14.34 | 31.3396 | 5.8643287 | 14.09 | 28.7365 | 6.03388889 | 13.69 | 25.5006 |
| 5.69488426 | 14.34 | 31.3396 | 5.86444444 | 14.09 | 28.7365 | 6.03400463 | 13.69 | 25.5338 |
| 5.695 | 14.34 | 31.3098 | 5.86456019 | 14.1 | 28.7756 | 6.03412037 | 13.7 | 25.5006 |
| 5.69511574 | 14.34 | 31.3247 | 5.86467593 | 14.1 | 28.7376 | 6.03423611 | 13.69 | 25.5006 |
| 5.69523148 | 14.34 | 31.3147 | 5.86479167 | 14.09 | 28.7323 | 6.03435185 | 13.7 | 25.494 |
| 5.69534722 | 14.34 | 31.3098 | 5.86490741 | 14.1 | 28.7418 | 6.03446759 | 13.71 | 25.614 |
| 5.69546296 | 14.34 | 31.2701 | 5.86502315 | 14.09 | 28.7239 | 6.03458333 | 13.7 | 25.5738 |
| 5.6955787 | 14.34 | 31.2701 | 5.86513889 | 14.1 | 28.7291 | 6.03469907 | 13.69 | 25.5238 |
| 5.69569444 | 14.34 | 31.2405 | 5.86525463 | 14.1 | 28.7418 | 6.03481482 | 13.71 | 25.6375 |
| 5.69581019 | 14.34 | 31.2553 | 5.86537037 | 14.09 | 28.7365 | 6.03493056 | 13.7 | 25.5572 |
| 5.69592593 | 14.34 | 31.2108 | 5.86548611 | 14.09 | 28.745 | 6.0350463 | 13.7 | 25.5738 |
| 5.69604167 | 14.34 | 31.2207 | 5.86560185 | 14.09 | 28.7112 | 6.03516204 | 13.69 | 25.4675 |
| 5.69615741 | 14.34 | 31.201 | 5.86571759 | 14.1 | 28.7545 | 6.03527778 | 13.69 | 25.5405 |
| 5.69627315 | 14.34 | 31.2108 | 5.86583333 | 14.1 | 28.7165 | 6.03539352 | 13.69 | 25.5305 |
| 5.69638889 | 14.34 | 31.1813 | 5.86594907 | 14.09 | 28.7112 | 6.03550926 | 13.69 | 25.5538 |
| 5.69650463 | 14.34 | 31.1911 | 5.86606482 | 14.09 | 28.7028 | 6.035625 | 13.69 | 25.5471 |
| 5.69662037 | 14.33 | 31.2634 | 5.86618056 | 14.09 | 28.7239 | 6.03574074 | 13.7 | 25.5905 |
| 5.69673611 | 14.33 | 31.2386 | 5.8662963 | 14.09 | 28.7239 | 6.03585648 | 13.7 | 25.5239 |
| 5.69685185 | 14.34 | 31.2701 | 5.86641204 | 14.1 | 28.6869 | 6.03597222 | 13.69 | 25.5238 |
| 5.69696759 | 14.34 | 31.2355 | 5.86652778 | 14.09 | 28.7028 | 6.03608796 | 13.7 | 25.6542 |
| 5.69708333 | 14.33 | 31.2782 | 5.86664352 | 14.09 | 28.7281 | 6.0362037 | 13.73 | 25.7624 |
| 5.69719907 | 14.34 | 31.2256 | 5.86675926 | 14.09 | 28.7028 | 6.03631944 | 13.73 | 25.7218 |
| 5.69731482 | 14.34 | 31.196 | 5.866875 | 14.1 | 28.708 | 6.03643519 | 13.71 | 25.7928 |
| 5.69743056 | 14.34 | 31.2059 | 5.86699074 | 14.08 | 28.7229 | 6.03655093 | 13.76 | 25.9403 |
| 5.6975463 | 14.34 | 31.2256 | 5.86710648 | 14.09 | 28.6817 | 6.03666667 | 13.77 | 26.0233 |
| 5.69766204 | 14.34 | 31.2553 | 5.86722222 | 14.09 | 28.6817 | 6.03678241 | 13.78 | 26.0478 |
| 5.69777778 | 14.34 | 31.2504 | 5.86733796 | 14.09 | 28.6944 | 6.03689815 | 13.78 | 26.1418 |
| 5.69789352 | 14.34 | 31.2652 | 5.8674537 | 14.09 | 28.6817 | 6.03701389 | 13.77 | 26.006 |
| 5.69800926 | 14.33 | 31.3974 | 5.86756944 | 14.09 | 28.6902 | 6.03712963 | 13.76 | 25.9163 |
| 5.698125 | 14.33 | 31.4874 | 5.86768519 | 14.08 | 28.6681 | 6.03724537 | 13.77 | 26.0406 |
| 5.69824074 | 14.33 | 31.5426 | 5.86780093 | 14.08 | 28.6765 | 6.03736111 | 13.77 | 25.9405 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69835648 | 14.33 | 31.4374 | 5.86791667 | 14.08 | 28.6555 | 6.03747685 | 13.76 | 25.9369 |
| 5.69847222 | 14.33 | 31.4524 | 5.86803241 | 14.08 | 28.6892 | 6.03759259 | 13.8 | 26.1772 |
| 5.69858796 | 14.34 | 31.4093 | 5.86814815 | 14.08 | 28.6934 | 6.03770833 | 13.81 | 26.2548 |
| 5.6987037 | 14.33 | 31.4024 | 5.86826389 | 14.08 | 28.6765 | 6.03782407 | 13.83 | 26.3296 |
| 5.69881944 | 14.33 | 31.3626 | 5.86837963 | 14.08 | 28.6639 | 6.03793982 | 13.8 | 26.1457 |
| 5.69893519 | 14.33 | 31.3228 | 5.86849537 | 14.09 | 28.6817 | 6.03805556 | 13.77 | 25.9887 |
| 5.69905093 | 14.34 | 31.3296 | 5.86861111 | 14.08 | 28.7018 | 6.0381713 | 13.78 | 26.1173 |
| 5.69916667 | 14.33 | 31.4074 | 5.86872685 | 14.09 | 28.7028 | 6.03828704 | 13.76 | 25.8991 |
| 5.69928241 | 14.33 | 31.4074 | 5.86884259 | 14.08 | 28.7355 | 6.03840278 | 13.73 | 25.7455 |
| 5.69939815 | 14.33 | 31.4124 | 5.86895833 | 14.08 | 28.6892 | 6.03851852 | 13.73 | 25.8032 |
| 5.69951389 | 14.33 | 31.4474 | 5.86907407 | 14.08 | 28.685 | 6.03863426 | 13.71 | 25.7014 |
| 5.69962963 | 14.33 | 31.3875 | 5.86918982 | 14.08 | 28.685 | 6.03875 | 13.7 | 25.5972 |
| 5.69974537 | 14.33 | 31.4174 | 5.86930556 | 14.09 | 28.6859 | 6.03886574 | 13.7 | 25.6542 |
| 5.69986111 | 14.34 | 31.3545 | 5.8694213 | 14.08 | 28.6639 | 6.03898148 | 13.69 | 25.5938 |
| 5.69997685 | 14.34 | 31.3396 | 5.86953704 | 14.08 | 28.7229 | 6.03909722 | 13.69 | 25.5872 |
| 5.70009259 | 14.34 | 31.3247 | 5.86965278 | 14.08 | 28.7102 | 6.03921296 | 13.7 | 25.6039 |
| 5.70020833 | 14.33 | 31.3079 | 5.86976852 | 14.08 | 28.6639 | 6.0393287 | 13.69 | 25.6206 |
| 5.70032407 | 14.33 | 31.3179 | 5.86988426 | 14.08 | 28.7018 | 6.03944444 | 13.69 | 25.6206 |
| 5.70043982 | 14.33 | 31.3526 | 5.87 | 14.09 | 28.6817 | 6.03956019 | 13.7 | 25.6207 |
| 5.70055556 | 14.34 | 31.3147 | 5.87011574 | 14.08 | 28.6892 | 6.03967593 | 13.7 | 25.6307 |
| 5.7006713 | 14.34 | 31.3396 | 5.87023148 | 14.08 | 28.6765 | 6.03979167 | 13.7 | 25.6542 |
| 5.70078704 | 14.33 | 31.3626 | 5.87034722 | 14.08 | 28.685 | 6.03990741 | 13.7 | 25.6207 |
| 5.70090278 | 14.34 | 31.2949 | 5.87046296 | 14.09 | 28.6944 | 6.04002315 | 13.7 | 25.6542 |
| 5.70101852 | 14.33 | 31.3725 | 5.8705787 | 14.08 | 28.685 | 6.04013889 | 13.7 | 25.6508 |
| 5.70113426 | 14.34 | 31.3197 | 5.87069444 | 14.08 | 28.7102 | 6.04025463 | 13.7 | 25.6609 |
| 5.70125 | 14.33 | 31.3875 | 5.87081019 | 14.08 | 28.685 | 6.04037037 | 13.7 | 25.7182 |
| 5.70136574 | 14.33 | 31.4424 | 5.87092593 | 14.08 | 28.7102 | 6.04048611 | 13.7 | 25.6777 |
| 5.70148148 | 14.34 | 31.3893 | 5.87104167 | 14.08 | 28.6976 | 6.04060185 | 13.7 | 25.6542 |
| 5.70159722 | 14.33 | 31.3875 | 5.87115741 | 14.09 | 28.6775 | 6.04071759 | 13.7 | 25.6106 |
| 5.70171296 | 14.34 | 31.3794 | 5.87127315 | 14.08 | 28.7102 | 6.04083333 | 13.7 | 25.6207 |
| 5.7018287 | 14.33 | 31.4274 | 5.87138889 | 14.08 | 28.7018 | 6.04094907 | 13.69 | 25.6441 |
| 5.70194444 | 14.33 | 31.4524 | 5.87150463 | 14.08 | 28.7102 | 6.04106482 | 13.7 | 25.7317 |
| 5.70206019 | 14.33 | 31.4874 | 5.87162037 | 14.08 | 28.6765 | 6.04118056 | 13.7 | 25.6609 |
| 5.70217593 | 14.33 | 31.5024 | 5.87173611 | 14.08 | 28.6976 | 6.0412963 | 13.7 | 25.6542 |
| 5.70229167 | 14.33 | 31.4774 | 5.87185185 | 14.08 | 28.6765 | 6.04141204 | 13.69 | 25.7249 |
| 5.70240741 | 14.33 | 31.4124 | 5.87196759 | 14.08 | 28.685 | 6.04152778 | 13.7 | 25.7486 |
| 5.70252315 | 14.33 | 31.3228 | 5.87208333 | 14.06 | 28.7167 | 6.04164352 | 13.71 | 25.8985 |
| 5.70263889 | 14.34 | 31.3197 | 5.87219907 | 14.08 | 28.6639 | 6.04175926 | 13.74 | 26.0021 |
| 5.70275463 | 14.33 | 31.3526 | 5.87231482 | 14.06 | 28.7082 | 6.041875 | 13.76 | 26.0613 |
| 5.70287037 | 14.33 | 31.3328 | 5.87243056 | 14.06 | 28.6914 | 6.04199074 | 13.73 | 25.8611 |
| 5.70298611 | 14.33 | 31.3725 | 5.8725463 | 14.08 | 28.6639 | 6.04210648 | 13.73 | 25.9847 |
| 5.70310185 | 14.33 | 31.3626 | 5.87266204 | 14.08 | 28.6639 | 6.04222222 | 13.74 | 25.9676 |
| 5.70321759 | 14.33 | 31.3228 | 5.87277778 | 14.08 | 28.685 | 6.04233796 | 13.77 | 26.3458 |
| 5.70333333 | 14.33 | 31.4024 | 5.87289352 | 14.08 | 28.7229 | 6.0424537 | 13.77 | 26.2152 |
| 5.70344907 | 14.33 | 31.2436 | 5.87300926 | 14.08 | 28.6976 | 6.04256944 | 13.78 | 26.3461 |
| 5.70356482 | 14.33 | 31.1598 | 5.873125 | 14.08 | 28.7102 | 6.04268519 | 13.76 | 26.1484 |
| 5.70368056 | 14.33 | 31.0666 | 5.87324074 | 14.08 | 28.7102 | 6.04280093 | 13.76 | 26.1624 |
| 5.7037963 | 14.33 | 31.0568 | 5.87335648 | 14.08 | 28.7102 | 6.04291667 | 13.78 | 26.3638 |
| 5.70391204 | 14.34 | 31.0195 | 5.87347222 | 14.08 | 28.706 | 6.04303241 | 13.76 | 26.0961 |
| 5.70402778 | 14.33 | 31.0715 | 5.87358796 | 14.08 | 28.7018 | 6.04314815 | 13.8 | 26.4607 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70414352 | 14.34 | 31.0292 | 5.8737037 | 14.08 | 28.6765 | 6.04326389 | 13.77 | 26.0788 |
| 5.70425926 | 14.33 | 31.0617 | 5.87381944 | 14.09 | 28.7365 | 6.04337963 | 13.77 | 26.0302 |
| 5.704375 | 14.34 | 31.0977 | 5.87393519 | 14.1 | 28.7799 | 6.04349537 | 13.76 | 25.8717 |
| 5.70449074 | 14.33 | 31.0617 | 5.87405093 | 14.13 | 28.8936 | 6.04361111 | 13.76 | 25.8717 |
| 5.70460648 | 14.34 | 30.9756 | 5.87416667 | 14.15 | 28.8829 | 6.04372685 | 13.73 | 25.6746 |
| 5.70472222 | 14.36 | 30.1705 | 5.87428241 | 14.15 | 28.8616 | 6.04384259 | 13.74 | 25.8135 |
| 5.70483796 | 14.34 | 30.0841 | 5.87439815 | 14.15 | 28.93 | 6.04395833 | 13.71 | 25.4443 |
| 5.7049537 | 14.37 | 29.1236 | 5.87451389 | 14.13 | 28.8339 | 6.04407407 | 13.71 | 25.4542 |
| 5.70506944 | 14.37 | 29.3252 | 5.87462963 | 14.13 | 28.8424 | 6.04418982 | 13.7 | 25.2183 |
| 5.70518519 | 14.37 | 29.3694 | 5.87474537 | 14.13 | 28.8254 | 6.04430556 | 13.71 | 25.2801 |
| 5.70530093 | 14.36 | 29.6222 | 5.87486111 | 14.13 | 28.8212 | 6.0444213 | 13.7 | 25.1245 |
| 5.70541667 | 14.36 | 30.0686 | 5.87497685 | 14.12 | 28.8159 | 6.04453704 | 13.71 | 25.2345 |
| 5.70553241 | 14.36 | 30.2216 | 5.87509259 | 14.12 | 28.7946 | 6.04465278 | 13.69 | 25.2411 |
| 5.70564815 | 14.34 | 30.2093 | 5.87520833 | 14.12 | 28.8286 | 6.04476852 | 13.7 | 25.2021 |
| 5.70576389 | 14.36 | 30.1797 | 5.87532407 | 14.12 | 28.7438 | 6.04488426 | 13.7 | 25.1956 |
| 5.70587963 | 14.34 | 30.0058 | 5.87543982 | 14.12 | 28.8286 | 6.045 | 13.7 | 25.1633 |
| 5.70599537 | 14.34 | 30.2979 | 5.87555556 | 14.13 | 28.8254 | 6.04511574 | 13.7 | 25.1568 |
| 5.70611111 | 14.34 | 30.1489 | 5.8756713 | 14.12 | 28.8074 | 6.04523148 | 13.7 | 25.102 |
| 5.70622685 | 14.36 | 30.0686 | 5.87578704 | 14.12 | 28.8031 | 6.04534722 | 13.69 | 25.0764 |
| 5.70634259 | 14.36 | 30.1844 | 5.87590278 | 14.12 | 28.8286 | 6.04546296 | 13.7 | 25.0956 |
| 5.70645833 | 14.36 | 30.2449 | 5.87601852 | 14.12 | 28.7607 | 6.0455787 | 13.69 | 25.0925 |
| 5.70657407 | 14.36 | 30.551 | 5.87613426 | 14.12 | 28.8329 | 6.04569444 | 13.7 | 25.1407 |
| 5.70668982 | 14.36 | 30.3057 | 5.87625 | 14.1 | 28.8095 | 6.04581019 | 13.7 | 25.2346 |
| 5.70680556 | 14.34 | 30.1443 | 5.87636574 | 14.12 | 28.7734 | 6.04592593 | 13.71 | 25.3193 |
| 5.7069213 | 14.36 | 29.8393 | 5.87648148 | 14.1 | 28.7756 | 6.04604167 | 13.71 | 25.4311 |
| 5.70703704 | 14.36 | 30.0179 | 5.87659722 | 14.12 | 28.8414 | 6.04615741 | 13.71 | 25.4476 |
| 5.70715278 | 14.36 | 29.8667 | 5.87671296 | 14.1 | 28.8011 | 6.04627315 | 13.73 | 25.5906 |
| 5.70726852 | 14.36 | 30.2263 | 5.8768287 | 14.12 | 28.7396 | 6.04638889 | 13.74 | 25.8544 |
| 5.70738426 | 14.36 | 30.3949 | 5.87694444 | 14.1 | 28.7883 | 6.04650463 | 13.76 | 25.8717 |
| 5.7075 | 14.34 | 30.4012 | 5.87706019 | 14.1 | 28.8011 | 6.04662037 | 13.74 | 25.6881 |
| 5.70761574 | 14.34 | 30.6334 | 5.87717593 | 14.09 | 28.7661 | 6.04673611 | 13.73 | 25.688 |
| 5.70773148 | 14.34 | 30.6956 | 5.87729167 | 14.09 | 28.7746 | 6.04685185 | 13.73 | 25.584 |
| 5.70784722 | 14.34 | 30.8061 | 5.87740741 | 14.09 | 28.7365 | 6.04696759 | 13.74 | 25.7931 |
| 5.70796296 | 14.34 | 30.8302 | 5.87752315 | 14.09 | 28.7281 | 6.04708333 | 13.74 | 25.9194 |
| 5.7080787 | 14.33 | 30.872 | 5.87763889 | 14.09 | 28.7746 | 6.04719907 | 13.77 | 25.79 |
| 5.70819444 | 14.34 | 30.7916 | 5.87775463 | 14.08 | 28.7482 | 6.04731482 | 13.74 | 25.9194 |
| 5.70831019 | 14.34 | 30.7531 | 5.87787037 | 14.09 | 28.7408 | 6.04743056 | 13.76 | 25.8786 |
| 5.70842593 | 14.34 | 30.6001 | 5.87798611 | 14.08 | 28.7187 | 6.0475463 | 13.83 | 26.7661 |
| 5.70854167 | 14.34 | 30.6716 | 5.87810185 | 14.08 | 28.6934 | 6.04766204 | 13.81 | 26.5292 |
| 5.70865741 | 14.34 | 30.3542 | 5.87821759 | 14.08 | 28.6934 | 6.04777778 | 13.81 | 26.4359 |
| 5.70877315 | 14.34 | 30.2186 | 5.87833333 | 14.08 | 28.7398 | 6.04789352 | 13.77 | 26.0199 |
| 5.70888889 | 14.36 | 30.3338 | 5.87844907 | 14.06 | 28.7546 | 6.04800926 | 13.78 | 26.2435 |
| 5.70900463 | 14.34 | 30.3871 | 5.87856482 | 14.08 | 28.7482 | 6.048125 | 13.76 | 25.9197 |
| 5.70912037 | 14.34 | 29.5702 | 5.87868056 | 14.1 | 28.7629 | 6.04824074 | 13.78 | 26.2084 |
| 5.70923611 | 14.34 | 29.7141 | 5.8787963 | 14.12 | 28.7819 | 6.04835648 | 13.78 | 26.3603 |
| 5.70935185 | 14.36 | 29.744 | 5.87891204 | 14.1 | 28.8095 | 6.04847222 | 13.8 | 26.4178 |
| 5.70946759 | 14.36 | 29.5774 | 5.87902778 | 14.1 | 28.7883 | 6.04858796 | 13.78 | 26.3 |
| 5.70958333 | 14.34 | 30.3777 | 5.87914352 | 14.1 | 28.7756 | 6.0487037 | 13.78 | 26.3425 |
| 5.70969907 | 14.33 | 30.2544 | 5.87925926 | 14.1 | 28.7756 | 6.04881944 | 13.77 | 26.0893 |
| 5.70981482 | 14.34 | 29.5523 | 5.879375 | 14.1 | 28.7165 | 6.04893519 | 13.8 | 26.3999 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70993056 | 14.34 | 30.186 | 5.87949074 | 14.09 | 28.7746 | 6.04905093 | 13.78 | 26.4494 |
| 5.7100463 | 14.36 | 28.975 | 5.87960648 | 14.1 | 28.7291 | 6.04916667 | 13.78 | 26.3958 |
| 5.71016204 | 14.33 | 30.5414 | 5.87972222 | 14.1 | 28.7418 | 6.04928241 | 13.77 | 26.1801 |
| 5.71027778 | 14.33 | 30.4373 | 5.87983796 | 14.1 | 28.7502 | 6.04939815 | 13.77 | 26.3423 |
| 5.71039352 | 14.33 | 30.3151 | 5.8799537 | 14.1 | 28.7629 | 6.04951389 | 13.78 | 26.3958 |
| 5.71050926 | 14.34 | 30.2372 | 5.88006944 | 14.1 | 28.7756 | 6.04962963 | 13.76 | 25.9197 |
| 5.710625 | 14.33 | 30.2171 | 5.88018519 | 14.1 | 28.7502 | 6.04974537 | 13.78 | 26.3709 |
| 5.71074074 | 14.33 | 30.4798 | 5.88030093 | 14.1 | 28.7756 | 6.04986111 | 13.8 | 26.4428 |
| 5.71085648 | 14.34 | 30.2139 | 5.88041667 | 14.1 | 28.7545 | 6.04997685 | 13.81 | 26.504 |
| 5.71097222 | 14.34 | 30.1489 | 5.88053241 | 14.09 | 28.7281 | 6.05009259 | 13.78 | 26.3532 |
| 5.71108796 | 14.34 | 30.1211 | 5.88064815 | 14.09 | 28.7281 | 6.05020833 | 13.78 | 26.1838 |
| 5.7112037 | 14.34 | 30.0841 | 5.88076389 | 14.1 | 28.7672 | 6.05032407 | 13.74 | 26.0332 |
| 5.71131944 | 14.36 | 28.9793 | 5.88087963 | 14.08 | 28.6597 | 6.05043982 | 13.76 | 26.037 |
| 5.71143519 | 14.37 | 28.3793 | 5.88099537 | 14.08 | 28.7144 | 6.05055556 | 13.76 | 25.8546 |
| 5.71155093 | 14.37 | 28.3669 | 5.88111111 | 14.08 | 28.7144 | 6.0506713 | 13.76 | 25.9472 |
| 5.71166667 | 14.37 | 27.8211 | 5.88122685 | 14.08 | 28.7144 | 6.05078704 | 13.76 | 25.7797 |
| 5.71178241 | 14.37 | 28.28 | 5.88134259 | 14.09 | 28.7154 | 6.05090278 | 13.74 | 25.7625 |
| 5.71189815 | 14.37 | 28.3876 | 5.88145833 | 14.09 | 28.707 | 6.05101852 | 13.76 | 25.9026 |
| 5.71201389 | 14.37 | 28.3918 | 5.88157407 | 14.08 | 28.7482 | 6.05113426 | 13.76 | 25.7899 |
| 5.71212963 | 14.4 | 25.8784 | 5.88168982 | 14.08 | 28.622 | 6.05125 | 13.76 | 25.8035 |
| 5.71224537 | 14.42 | 24.9913 | 5.88180556 | 14.08 | 28.6597 | 6.05136574 | 13.74 | 25.851 |
| 5.71236111 | 14.44 | 24.6549 | 5.8819213 | 14.06 | 28.4617 | 6.05148148 | 13.74 | 25.8033 |
| 5.71247685 | 14.44 | 24.3121 | 5.88203704 | 14.05 | 28.3082 | 6.05159722 | 13.73 | 25.793 |
| 5.71259259 | 14.42 | 25.1416 | 5.88215278 | 14.05 | 28.4028 | 6.05171296 | 13.74 | 25.8169 |
| 5.71270833 | 14.44 | 24.6391 | 5.88226852 | 14.05 | 28.2877 | 6.0518287 | 13.74 | 25.7727 |
| 5.71282407 | 14.45 | 24.5919 | 5.88238426 | 14.06 | 28.2231 | 6.05194444 | 13.76 | 25.906 |
| 5.71293982 | 14.45 | 24.0026 | 5.8825 | 14.06 | 28.2476 | 6.05206019 | 13.74 | 25.8169 |
| 5.71305556 | 14.45 | 23.7391 | 5.88261574 | 14.06 | 28.2354 | 6.05217593 | 13.76 | 25.8888 |
| 5.7131713 | 14.47 | 23.6453 | 5.88273148 | 14.05 | 28.1612 | 6.05229167 | 13.76 | 26.0544 |
| 5.71328704 | 14.47 | 23.8593 | 5.88284722 | 14.05 | 28.149 | 6.05240741 | 13.74 | 25.8681 |
| 5.71340278 | 14.45 | 24.3551 | 5.88296296 | 14.05 | 28.1897 | 6.05252315 | 13.74 | 25.8203 |
| 5.71351852 | 14.44 | 24.3737 | 5.8830787 | 14.06 | 28.1417 | 6.05263889 | 13.77 | 26.1871 |
| 5.71363426 | 14.44 | 24.9493 | 5.88319444 | 14.05 | 28.0923 | 6.05275463 | 13.77 | 26.0788 |
| 5.71375 | 14.47 | 22.9851 | 5.88331019 | 14.05 | 28.0519 | 6.05287037 | 13.78 | 26.1453 |
| 5.71386574 | 14.48 | 23.0204 | 5.88342593 | 14.05 | 28.0761 | 6.05298611 | 13.77 | 25.9784 |
| 5.71398148 | 14.48 | 22.8431 | 5.88354167 | 14.05 | 28.0519 | 6.05310185 | 13.83 | 26.4115 |
| 5.71409722 | 14.48 | 23.1337 | 5.88365741 | 14.05 | 28.0358 | 6.05321759 | 13.77 | 26.1206 |
| 5.71421296 | 14.47 | 23.8091 | 5.88377315 | 14.05 | 28.0116 | 6.05333333 | 13.78 | 26.1803 |
| 5.7143287 | 14.45 | 23.6661 | 5.88388889 | 14.05 | 28.0681 | 6.05344907 | 13.78 | 26.2753 |
| 5.71444444 | 14.45 | 23.8154 | 5.88400463 | 14.03 | 27.9139 | 6.05356482 | 13.78 | 26.2084 |
| 5.71456019 | 14.47 | 23.2148 | 5.88412037 | 14.03 | 27.9019 | 6.05368056 | 13.78 | 26.1313 |
| 5.71467593 | 14.45 | 24.747 | 5.88423611 | 14.05 | 27.9194 | 6.0537963 | 13.78 | 26.1803 |
| 5.71479167 | 14.41 | 27.0299 | 5.88435185 | 14.03 | 27.8144 | 6.05391204 | 13.77 | 26.1032 |
| 5.71490741 | 14.47 | 22.9032 | 5.88446759 | 14.03 | 27.8105 | 6.05402778 | 13.78 | 25.982 |
| 5.71502315 | 14.48 | 22.497 | 5.88458333 | 14.05 | 27.7802 | 6.05414352 | 13.77 | 26.0615 |
| 5.71513889 | 14.48 | 22.3229 | 5.88469907 | 14.03 | 27.7629 | 6.05425926 | 13.78 | 26.2753 |
| 5.71525463 | 14.48 | 22.6288 | 5.88481482 | 14.03 | 27.7117 | 6.054375 | 13.8 | 26.2369 |
| 5.71537037 | 14.48 | 22.5838 | 5.88493056 | 14.03 | 27.6802 | 6.05449074 | 13.78 | 26.2084 |
| 5.71548611 | 14.48 | 22.5759 | 5.8850463 | 14.03 | 27.6214 | 6.05460648 | 13.78 | 26.1383 |
| 5.71560185 | 14.49 | 21.9301 | 5.88516204 | 14.02 | 27.4573 | 6.05472222 | 13.78 | 26.1488 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71571759 | 14.49 | 21.9849 | 5.88527778 | 14.02 | 27.496 | 6.05483796 | 13.78 | 26.1418 |
| 5.71583333 | 14.48 | 22.3953 | 5.88539352 | 14.03 | 27.4811 | 6.0549537 | 13.78 | 26.233 |
| 5.71594907 | 14.49 | 21.883 | 5.88550926 | 14.02 | 27.4689 | 6.05506944 | 13.81 | 26.4861 |
| 5.71606482 | 14.49 | 22.0274 | 5.885625 | 14.02 | 27.4032 | 6.05518519 | 13.81 | 26.5653 |
| 5.71618056 | 14.49 | 21.9475 | 5.88574074 | 14.03 | 27.5005 | 6.05530093 | 13.81 | 26.5112 |
| 5.7162963 | 14.51 | 21.9861 | 5.88585648 | 14.02 | 27.4766 | 6.05541667 | 13.8 | 26.3288 |
| 5.71641204 | 14.49 | 22.0174 | 5.88597222 | 14.05 | 27.5563 | 6.05553241 | 13.8 | 26.3643 |
| 5.71652778 | 14.49 | 22.1916 | 5.88608796 | 14.01 | 27.2455 | 6.05564815 | 13.8 | 26.3147 |
| 5.71664352 | 14.48 | 22.5891 | 5.8862037 | 14.01 | 27.2875 | 6.05576389 | 13.81 | 26.3326 |
| 5.71675926 | 14.49 | 22.1155 | 5.88631944 | 13.99 | 27.2253 | 6.05587963 | 13.81 | 26.2795 |
| 5.716875 | 14.49 | 22.6949 | 5.88643519 | 14.01 | 27.3181 | 6.05599537 | 13.8 | 26.4071 |
| 5.71699074 | 14.49 | 22.6045 | 5.88655093 | 14.01 | 27.2722 | 6.05611111 | 13.8 | 26.4071 |
| 5.71710648 | 14.48 | 22.8648 | 5.88666667 | 14.02 | 27.3187 | 6.05622685 | 13.78 | 26.3532 |
| 5.71722222 | 14.49 | 22.6177 | 5.88678241 | 14.01 | 27.3296 | 6.05634259 | 13.8 | 26.3466 |
| 5.71733796 | 14.45 | 24.0777 | 5.88689815 | 14.01 | 27.3373 | 6.05645833 | 13.78 | 26.4387 |
| 5.7174537 | 14.47 | 23.6191 | 5.88701389 | 14.01 | 27.2875 | 6.05657407 | 13.8 | 26.3893 |
| 5.71756944 | 14.47 | 24.0382 | 5.88712963 | 13.99 | 27.2444 | 6.05668982 | 13.8 | 26.3217 |
| 5.71768519 | 14.42 | 26.5135 | 5.88724537 | 13.99 | 27.233 | 6.05680556 | 13.8 | 26.3821 |
| 5.71780093 | 14.45 | 23.9488 | 5.88736111 | 13.99 | 27.2215 | 6.0569213 | 13.8 | 26.2123 |
| 5.71791667 | 14.48 | 22.9601 | 5.88747685 | 13.98 | 27.115 | 6.05703704 | 13.8 | 26.1912 |
| 5.71803241 | 14.45 | 25.0436 | 5.88759259 | 13.98 | 27.0472 | 6.05715278 | 13.8 | 26.244 |
| 5.71814815 | 14.41 | 26.9506 | 5.88770833 | 13.99 | 27.0402 | 6.05726852 | 13.81 | 26.3824 |
| 5.71826389 | 14.44 | 24.9073 | 5.88782407 | 13.98 | 27.0585 | 6.05738426 | 13.81 | 26.3397 |
| 5.71837963 | 14.47 | 23.8919 | 5.88793982 | 13.98 | 27.006 | 6.0575 | 13.81 | 26.322 |
| 5.71849537 | 14.47 | 23.7269 | 5.88805556 | 13.98 | 27.0961 | 6.05761574 | 13.83 | 26.4652 |
| 5.71861111 | 14.48 | 22.8892 | 5.8881713 | 13.98 | 27.0397 | 6.05773148 | 13.83 | 26.5659 |
| 5.71872685 | 14.48 | 22.682 | 5.88828704 | 13.99 | 27.0891 | 6.05784722 | 13.84 | 26.6678 |
| 5.71884259 | 14.48 | 23.3921 | 5.88840278 | 13.98 | 27.0172 | 6.05796296 | 13.87 | 26.9412 |
| 5.71895833 | 14.48 | 22.7972 | 5.88851852 | 13.98 | 27.0322 | 6.0580787 | 13.84 | 26.5086 |
| 5.71907407 | 14.48 | 23.6537 | 5.88863426 | 13.98 | 27.0097 | 6.05819444 | 13.85 | 26.7742 |
| 5.71918982 | 14.44 | 25.3875 | 5.88875 | 13.98 | 26.9798 | 6.05831019 | 13.84 | 26.5807 |
| 5.71930556 | 14.44 | 25.2774 | 5.88886574 | 13.98 | 26.9537 | 6.05842593 | 13.84 | 26.5771 |
| 5.7194213 | 14.47 | 23.622 | 5.88898148 | 13.98 | 26.9053 | 6.05854167 | 13.87 | 26.7676 |
| 5.71953704 | 14.42 | 25.7819 | 5.88909722 | 13.97 | 26.8455 | 6.05865741 | 13.85 | 26.7815 |
| 5.71965278 | 14.47 | 24.0593 | 5.88921296 | 13.97 | 26.8566 | 6.05877315 | 13.84 | 26.5518 |
| 5.71976852 | 14.47 | 23.8771 | 5.8893287 | 13.97 | 26.6764 | 6.05888889 | 13.83 | 26.5227 |
| 5.71988426 | 14.45 | 24.3397 | 5.88944444 | 13.95 | 26.5991 | 6.05900463 | 13.84 | 26.5518 |
| 5.72 | 14.44 | 24.7948 | 5.88956019 | 13.91 | 25.9462 | 6.05912037 | 13.84 | 26.5266 |
| 5.72011574 | 14.45 | 24.3397 | 5.88967593 | 13.92 | 25.9845 | 6.05923611 | 13.84 | 26.5266 |
| 5.72023148 | 14.45 | 25.5158 | 5.88979167 | 13.91 | 25.843 | 6.05935185 | 13.85 | 26.5811 |
| 5.72034722 | 14.44 | 25.5224 | 5.88990741 | 13.91 | 25.843 | 6.05946759 | 13.84 | 26.5446 |
| 5.72046296 | 14.47 | 23.6802 | 5.89002315 | 13.9 | 25.7541 | 6.05958333 | 13.85 | 26.563 |
| 5.7205787 | 14.48 | 23.4577 | 5.89013889 | 13.9 | 25.6288 | 6.05969907 | 13.84 | 26.6496 |
| 5.72069444 | 14.47 | 23.7181 | 5.89025463 | 13.9 | 25.5214 | 6.05981482 | 13.87 | 26.9115 |
| 5.72081019 | 14.47 | 24.0743 | 5.89037037 | 13.91 | 25.4381 | 6.05993056 | 13.87 | 26.8855 |
| 5.72092593 | 14.45 | 24.6265 | 5.89048611 | 13.91 | 25.3224 | 6.0600463 | 13.87 | 26.9486 |
| 5.72104167 | 14.41 | 27.2244 | 5.89060185 | 13.91 | 25.2699 | 6.06016204 | 13.88 | 26.9677 |
| 5.72115741 | 14.44 | 25.779 | 5.89071759 | 13.9 | 25.1233 | 6.06027778 | 13.87 | 26.8597 |
| 5.72127315 | 14.44 | 24.8718 | 5.89083333 | 13.9 | 24.9657 | 6.06039352 | 13.87 | 26.9486 |
| 5.72138889 | 14.44 | 25.8414 | 5.89094907 | 13.88 | 24.9053 | 6.06050926 | 13.88 | 26.8416 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72150463 | 14.42 | 26.8685 | 5.89106482 | 13.88 | 25.0171 | 6.060625 | 13.9 | 27.0283 |
| 5.72162037 | 14.4 | 28.7311 | 5.89118056 | 13.88 | 24.9786 | 6.06074074 | 13.91 | 27.1869 |
| 5.72173611 | 14.41 | 26.6414 | 5.8912963 | 13.88 | 25.0171 | 6.06085648 | 13.91 | 27.1491 |
| 5.72185185 | 14.42 | 25.505 | 5.89141204 | 13.87 | 24.9691 | 6.06097222 | 13.91 | 27.2704 |
| 5.72196759 | 14.44 | 25.904 | 5.89152778 | 13.87 | 25.0171 | 6.06108796 | 13.91 | 27.1491 |
| 5.72208333 | 14.44 | 25.274 | 5.89164352 | 13.87 | 24.3949 | 6.0612037 | 13.91 | 27.2058 |
| 5.72219907 | 14.44 | 25.7135 | 5.89175926 | 13.87 | 24.9372 | 6.06131944 | 13.9 | 27.0395 |
| 5.72231482 | 14.42 | 26.4444 | 5.891875 | 13.88 | 24.953 | 6.06143519 | 13.88 | 26.7277 |
| 5.72243056 | 14.42 | 25.886 | 5.89199074 | 13.88 | 25.0492 | 6.06155093 | 13.88 | 26.8158 |
| 5.7225463 | 14.41 | 27.4178 | 5.89210648 | 13.9 | 25.0105 | 6.06166667 | 13.88 | 26.8971 |
| 5.72266204 | 14.4 | 27.4287 | 5.89222222 | 13.88 | 25.0395 | 6.06178241 | 13.88 | 26.9602 |
| 5.72277778 | 14.42 | 26.5978 | 5.89233796 | 13.9 | 25.0845 | 6.06189815 | 13.9 | 27.0021 |
| 5.72289352 | 14.44 | 25.7652 | 5.8924537 | 13.9 | 25.1168 | 6.06201389 | 13.9 | 27.0658 |
| 5.72300926 | 14.44 | 25.1451 | 5.89256944 | 13.88 | 25.1234 | 6.06212963 | 13.88 | 26.8601 |
| 5.723125 | 14.45 | 24.998 | 5.89268519 | 13.9 | 25.1071 | 6.06224537 | 13.85 | 26.5702 |
| 5.72324074 | 14.44 | 25.8379 | 5.89280093 | 13.88 | 25.1105 | 6.06236111 | 13.85 | 26.6318 |
| 5.72335648 | 14.42 | 26.4953 | 5.89291667 | 13.88 | 25.104 | 6.06247685 | 13.88 | 26.9602 |
| 5.72347222 | 14.42 | 26.9474 | 5.89303241 | 13.9 | 25.1266 | 6.06259259 | 13.87 | 26.8228 |
| 5.72358796 | 14.41 | 26.7672 | 5.89314815 | 13.9 | 25.1655 | 6.06270833 | 13.88 | 26.9677 |
| 5.7237037 | 14.41 | 26.943 | 5.89326389 | 13.9 | 25.172 | 6.06282407 | 13.88 | 26.9045 |
| 5.72381944 | 14.42 | 26.8386 | 5.89337963 | 13.9 | 25.1882 | 6.06293982 | 13.87 | 26.6543 |
| 5.72393519 | 14.42 | 26.8087 | 5.89349537 | 13.9 | 25.2372 | 6.06305556 | 13.84 | 26.6061 |
| 5.72405093 | 14.44 | 24.1291 | 5.89361111 | 13.91 | 25.2896 | 6.0631713 | 13.85 | 26.6572 |
| 5.72416667 | 14.44 | 24.4139 | 5.89372685 | 13.91 | 25.3126 | 6.06328704 | 13.84 | 26.5952 |
| 5.72428241 | 14.44 | 24.0147 | 5.89384259 | 13.92 | 25.4981 | 6.06340278 | 13.83 | 26.5047 |
| 5.72439815 | 14.44 | 25.6655 | 5.89395833 | 13.92 | 25.5048 | 6.06351852 | 13.85 | 26.6937 |
| 5.72451389 | 14.42 | 26.0436 | 5.89407407 | 13.91 | 25.3653 | 6.06363426 | 13.84 | 26.5446 |
| 5.72462963 | 14.41 | 26.9054 | 5.89418982 | 13.94 | 25.5417 | 6.06375 | 13.83 | 26.4867 |
| 5.72474537 | 14.42 | 25.8234 | 5.89430556 | 13.92 | 25.4781 | 6.06386574 | 13.85 | 26.6864 |
| 5.72486111 | 14.41 | 25.8439 | 5.8944213 | 13.92 | 25.4315 | 6.06398148 | 13.84 | 26.5699 |
| 5.72497685 | 14.42 | 25.6718 | 5.89453704 | 13.92 | 25.4116 | 6.06409722 | 13.84 | 26.6751 |
| 5.72509259 | 14.41 | 26.9958 | 5.89465278 | 13.92 | 25.3885 | 6.06421296 | 13.84 | 26.541 |
| 5.72520833 | 14.41 | 26.6303 | 5.89476852 | 13.91 | 25.247 | 6.0643287 | 13.83 | 26.6202 |
| 5.72532407 | 14.44 | 24.573 | 5.89488426 | 13.9 | 25.2699 | 6.06444444 | 13.84 | 26.6824 |
| 5.72543982 | 14.44 | 24.0989 | 5.895 | 13.9 | 25.2797 | 6.06456019 | 13.85 | 26.6937 |
| 5.72555556 | 14.44 | 24.3305 | 5.89511574 | 13.91 | 25.247 | 6.06467593 | 13.84 | 26.6387 |
| 5.7256713 | 14.42 | 24.7438 | 5.89523148 | 13.91 | 25.2535 | 6.06479167 | 13.85 | 26.701 |
| 5.72578704 | 14.41 | 27.1059 | 5.89534722 | 13.9 | 25.247 | 6.06490741 | 13.84 | 26.6897 |
| 5.72590278 | 14.4 | 28.1842 | 5.89546296 | 13.9 | 25.2372 | 6.06502315 | 13.87 | 26.8855 |
| 5.72601852 | 14.4 | 27.2507 | 5.8955787 | 13.9 | 25.2143 | 6.06513889 | 13.85 | 26.8921 |
| 5.72613426 | 14.41 | 26.7264 | 5.89569444 | 13.9 | 25.2143 | 6.06525463 | 13.87 | 26.797 |
| 5.72625 | 14.4 | 28.4573 | 5.89581019 | 13.9 | 25.1882 | 6.06537037 | 13.87 | 26.8117 |
| 5.72636574 | 14.37 | 29.6101 | 5.89592593 | 13.88 | 25.185 | 6.06548611 | 13.87 | 26.9486 |
| 5.72648148 | 14.38 | 29.6654 | 5.89604167 | 13.88 | 25.1915 | 6.06560185 | 13.88 | 26.8158 |
| 5.72659722 | 14.38 | 29.3177 | 5.89615741 | 13.88 | 25.2013 | 6.06571759 | 13.9 | 27.1109 |
| 5.72671296 | 14.4 | 27.4132 | 5.89627315 | 13.88 | 25.2013 | 6.06583333 | 13.88 | 26.949 |
| 5.7268287 | 14.38 | 30.262 | 5.89638889 | 13.88 | 25.1363 | 6.06594907 | 13.88 | 26.949 |
| 5.72694444 | 14.38 | 29.0813 | 5.89650463 | 13.88 | 25.0943 | 6.06606482 | 13.88 | 26.9677 |
| 5.72706019 | 14.38 | 28.2562 | 5.89662037 | 13.88 | 24.8513 | 6.06618056 | 13.88 | 26.9416 |
| 5.72717593 | 14.41 | 27.2283 | 5.89673611 | 13.9 | 24.6969 | 6.0662963 | 13.88 | 27.0049 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72729167 | 14.41 | 25.6716 | 5.89685185 | 13.9 | 24.6563 | 6.06641204 | 13.91 | 27.1189 |
| 5.72740741 | 14.42 | 24.6329 | 5.89696759 | 13.9 | 24.6656 | 6.06652778 | 13.91 | 27.1831 |
| 5.72752315 | 14.42 | 24.6266 | 5.89708333 | 13.9 | 24.6875 | 6.06664352 | 13.92 | 27.1609 |
| 5.72763889 | 14.42 | 24.8396 | 5.89719907 | 13.9 | 24.7125 | 6.06675926 | 13.91 | 27.202 |
| 5.72775463 | 14.42 | 24.1173 | 5.89731482 | 13.9 | 24.7533 | 6.066875 | 13.9 | 27.0508 |
| 5.72787037 | 14.44 | 23.9341 | 5.89743056 | 13.9 | 24.6501 | 6.06699074 | 13.92 | 27.2634 |
| 5.72798611 | 14.44 | 23.5507 | 5.8975463 | 13.9 | 24.7125 | 6.06710648 | 13.9 | 27.0171 |
| 5.72810185 | 14.44 | 23.9908 | 5.89766204 | 13.9 | 24.8892 | 6.06722222 | 13.9 | 26.9984 |
| 5.72821759 | 14.42 | 25.7164 | 5.89777778 | 13.9 | 24.9305 | 6.06733796 | 13.9 | 27.0883 |
| 5.72833333 | 14.42 | 23.6582 | 5.89789352 | 13.9 | 24.867 | 6.0674537 | 13.87 | 26.8044 |
| 5.72844907 | 14.44 | 23.4703 | 5.89800926 | 13.91 | 24.8542 | 6.06756944 | 13.91 | 27.0288 |
| 5.72856482 | 14.44 | 24.6391 | 5.898125 | 13.9 | 24.9146 | 6.06768519 | 13.91 | 27.202 |
| 5.72868056 | 14.41 | 26.8231 | 5.89824074 | 13.9 | 24.8448 | 6.06780093 | 13.9 | 26.9648 |
| 5.7287963 | 14.42 | 25.4039 | 5.89835648 | 13.9 | 24.8132 | 6.06791667 | 13.85 | 26.6391 |
| 5.72891204 | 14.42 | 25.1482 | 5.89847222 | 13.9 | 25.091 | 6.06803241 | 13.83 | 26.4975 |
| 5.72902778 | 14.42 | 24.2083 | 5.89858796 | 13.91 | 25.1395 | 6.06814815 | 13.8 | 26.3857 |
| 5.72914352 | 14.45 | 23.5965 | 5.8987037 | 13.9 | 25.1298 | 6.06826389 | 13.78 | 26.2224 |
| 5.72925926 | 14.42 | 25.5185 | 5.89881944 | 13.9 | 25.1233 | 6.06837963 | 13.78 | 26.2224 |
| 5.729375 | 14.44 | 24.5291 | 5.89893519 | 13.91 | 25.1168 | 6.06849537 | 13.78 | 26.1943 |
| 5.72949074 | 14.45 | 23.1793 | 5.89905093 | 13.9 | 25.0105 | 6.06861111 | 13.8 | 26.3359 |
| 5.72960648 | 14.44 | 23.0578 | 5.89916667 | 13.88 | 25.0074 | 6.06872685 | 13.8 | 26.2934 |
| 5.72972222 | 14.42 | 24.5857 | 5.89928241 | 13.9 | 24.9242 | 6.06884259 | 13.8 | 26.2934 |
| 5.72983796 | 14.41 | 26.853 | 5.89939815 | 13.9 | 24.7345 | 6.06895833 | 13.78 | 26.2717 |
| 5.7299537 | 14.4 | 26.6667 | 5.89951389 | 13.9 | 24.6189 | 6.06907407 | 13.8 | 26.2934 |
| 5.73006944 | 14.41 | 25.8578 | 5.89962963 | 13.9 | 24.3759 | 6.06918982 | 13.8 | 26.2828 |
| 5.73018519 | 14.4 | 27.3123 | 5.89974537 | 13.9 | 24.4492 | 6.06930556 | 13.8 | 26.3359 |
| 5.73030093 | 14.44 | 24.1382 | 5.89986111 | 13.91 | 24.2274 | 6.0694213 | 13.8 | 26.3182 |
| 5.73041667 | 14.4 | 29.6277 | 5.89997685 | 13.91 | 24.3149 | 6.06953704 | 13.78 | 26.2647 |
| 5.73053241 | 14.44 | 22.2533 | 5.90009259 | 13.91 | 24.324 | 6.06965278 | 13.78 | 26.2823 |
| 5.73064815 | 14.4 | 27.6327 | 5.90020833 | 13.91 | 24.2575 | 6.06976852 | 13.8 | 26.251 |
| 5.73076389 | 14.37 | 29.1847 | 5.90032407 | 13.91 | 24.1823 | 6.06988426 | 13.8 | 26.2934 |
| 5.73087963 | 14.44 | 22.0984 | 5.90043982 | 13.9 | 24.1676 | 6.07 | 13.8 | 26.3253 |
| 5.73099537 | 14.4 | 26.3819 | 5.90055556 | 13.91 | 24.1823 | 6.07011574 | 13.78 | 26.2965 |
| 5.73111111 | 14.42 | 24.0031 | 5.9006713 | 13.9 | 24.1886 | 6.07023148 | 13.8 | 26.2581 |
| 5.73122685 | 14.42 | 22.9272 | 5.90078704 | 13.9 | 24.1437 | 6.07034722 | 13.8 | 26.2863 |
| 5.73134259 | 14.45 | 21.97 | 5.90090278 | 13.9 | 24.1378 | 6.07046296 | 13.8 | 26.3359 |
| 5.73145833 | 14.44 | 23.5881 | 5.90101852 | 13.9 | 24.1467 | 6.0705787 | 13.8 | 26.3005 |
| 5.73157407 | 14.44 | 23.9848 | 5.90113426 | 13.9 | 24.1378 | 6.07069444 | 13.8 | 26.4071 |
| 5.73168982 | 14.41 | 27.5508 | 5.90125 | 13.88 | 24.1115 | 6.07081019 | 13.83 | 26.5912 |
| 5.73180556 | 14.37 | 30.6575 | 5.90136574 | 13.88 | 24.1205 | 6.07092593 | 13.83 | 26.5479 |
| 5.7319213 | 14.37 | 30.5764 | 5.90148148 | 13.88 | 24.1205 | 6.07104167 | 13.84 | 26.7152 |
| 5.73203704 | 14.42 | 23.1944 | 5.90159722 | 13.87 | 24.0969 | 6.07115741 | 13.87 | 26.9933 |
| 5.73215278 | 14.47 | 20.9136 | 5.90171296 | 13.88 | 24.0966 | 6.07127315 | 13.9 | 26.9797 |
| 5.73226852 | 14.47 | 20.9474 | 5.9018287 | 13.88 | 24.1205 | 6.07138889 | 13.91 | 27.1491 |
| 5.73238426 | 14.42 | 26.2927 | 5.90194444 | 13.9 | 24.0782 | 6.07150463 | 13.88 | 26.8786 |
| 5.7325 | 14.45 | 21.6536 | 5.90206019 | 13.88 | 24.1205 | 6.07162037 | 13.9 | 27.1259 |
| 5.73261574 | 14.47 | 22.0111 | 5.90217593 | 13.88 | 24.0966 | 6.07173611 | 13.9 | 27.0921 |
| 5.73273148 | 14.45 | 22.263 | 5.90229167 | 13.88 | 24.1115 | 6.07185185 | 13.91 | 27.1831 |
| 5.73284722 | 14.44 | 25.1155 | 5.90240741 | 13.88 | 24.1205 | 6.07196759 | 13.92 | 27.29 |
| 5.73296296 | 14.42 | 25.5253 | 5.90252315 | 13.88 | 24.1354 | 6.07208333 | 13.91 | 27.1491 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7330787 | 14.44 | 22.1743 | 5.90263889 | 13.88 | 24.1413 | 6.07219907 | 13.94 | 27.3141 |
| 5.73319444 | 14.48 | 19.3689 | 5.90275463 | 13.88 | 24.1413 | 6.07231482 | 13.94 | 27.3102 |
| 5.73331019 | 14.45 | 22.9668 | 5.90287037 | 13.88 | 24.1413 | 6.07243056 | 13.94 | 27.3294 |
| 5.73342593 | 14.44 | 24.2783 | 5.90298611 | 13.88 | 24.1354 | 6.0725463 | 13.94 | 27.3217 |
| 5.73354167 | 14.42 | 25.7474 | 5.90310185 | 13.88 | 24.1354 | 6.07266204 | 13.94 | 27.3485 |
| 5.73365741 | 14.48 | 19.5583 | 5.90321759 | 13.87 | 24.1565 | 6.07277778 | 13.95 | 27.4067 |
| 5.73377315 | 14.44 | 24.8397 | 5.90333333 | 13.87 | 24.1625 | 6.07289352 | 13.95 | 27.3875 |
| 5.73388889 | 14.47 | 21.0561 | 5.90344907 | 13.87 | 24.1565 | 6.07300926 | 13.94 | 27.3102 |
| 5.73400463 | 14.47 | 21.0402 | 5.90356482 | 13.87 | 24.1327 | 6.073125 | 13.94 | 27.3562 |
| 5.73412037 | 14.45 | 22.4412 | 5.90368056 | 13.87 | 24.1267 | 6.07324074 | 13.91 | 27.1114 |
| 5.73423611 | 14.45 | 23.2352 | 5.9037963 | 13.87 | 24.1178 | 6.07335648 | 13.84 | 26.5482 |
| 5.73435185 | 14.44 | 23.4503 | 5.90391204 | 13.87 | 24.1267 | 6.07347222 | 13.81 | 26.5725 |
| 5.73446759 | 14.47 | 20.8398 | 5.90402778 | 13.87 | 24.1416 | 6.07358796 | 13.81 | 26.5472 |
| 5.73458333 | 14.47 | 21.1224 | 5.90414352 | 13.87 | 24.1416 | 6.0737037 | 13.8 | 26.4571 |
| 5.73469907 | 14.47 | 21.1408 | 5.90425926 | 13.87 | 24.1267 | 6.07381944 | 13.8 | 26.3964 |
| 5.73481482 | 14.47 | 20.7334 | 5.904375 | 13.87 | 24.1416 | 6.07393519 | 13.78 | 26.3994 |
| 5.73493056 | 14.47 | 19.8568 | 5.90449074 | 13.88 | 24.1205 | 6.07405093 | 13.76 | 26.3456 |
| 5.7350463 | 14.47 | 19.885 | 5.90460648 | 13.87 | 24.1416 | 6.07416667 | 13.77 | 26.3494 |
| 5.73516204 | 14.47 | 21.1178 | 5.90472222 | 13.88 | 24.1562 | 6.07428241 | 13.77 | 26.3813 |
| 5.73527778 | 14.47 | 20.3443 | 5.90483796 | 13.87 | 24.1625 | 6.07439815 | 13.8 | 26.4894 |
| 5.73539352 | 14.41 | 26.3787 | 5.9049537 | 13.87 | 24.1685 | 6.07451389 | 13.78 | 26.453 |
| 5.73550926 | 14.38 | 28.4636 | 5.90506944 | 13.87 | 24.1535 | 6.07462963 | 13.8 | 26.4464 |
| 5.735625 | 14.42 | 24.5261 | 5.90518519 | 13.87 | 24.1386 | 6.07474537 | 13.77 | 26.3565 |
| 5.73574074 | 14.44 | 25.2807 | 5.90530093 | 13.88 | 24.1622 | 6.07486111 | 13.74 | 26.2814 |
| 5.73585648 | 14.42 | 24.9039 | 5.90541667 | 13.87 | 24.1625 | 6.07497685 | 13.71 | 26.2702 |
| 5.73597222 | 14.47 | 16.7477 | 5.90553241 | 13.87 | 24.1625 | 6.07509259 | 13.71 | 26.2455 |
| 5.73608796 | 14.45 | 19.247 | 5.90564815 | 13.87 | 24.1685 | 6.07520833 | 13.71 | 26.1754 |
| 5.7362037 | 14.44 | 24.7565 | 5.90576389 | 13.88 | 24.1562 | 6.07532407 | 13.7 | 26.2102 |
| 5.73631944 | 14.38 | 30.4452 | 5.90587963 | 13.87 | 24.1476 | 6.07543982 | 13.71 | 26.2174 |
| 5.73643519 | 14.38 | 30.7647 | 5.90599537 | 13.87 | 24.1565 | 6.07555556 | 13.71 | 26.235 |
| 5.73655093 | 14.4 | 28.997 | 5.90611111 | 13.88 | 24.1473 | 6.0756713 | 13.71 | 26.2702 |
| 5.73666667 | 14.42 | 23.2811 | 5.90622685 | 13.85 | 24.1691 | 6.07578704 | 13.74 | 26.2991 |
| 5.73678241 | 14.41 | 27.594 | 5.90634259 | 13.87 | 24.1386 | 6.07590278 | 13.76 | 26.3882 |
| 5.73689815 | 14.38 | 30.1735 | 5.90645833 | 13.87 | 24.1386 | 6.07601852 | 13.8 | 26.6737 |
| 5.73701389 | 14.38 | 29.697 | 5.90657407 | 13.87 | 24.1625 | 6.07613426 | 13.78 | 26.4709 |
| 5.73712963 | 14.44 | 25.0795 | 5.90668982 | 13.87 | 24.1476 | 6.07625 | 13.77 | 26.3742 |
| 5.73724537 | 14.41 | 27.7924 | 5.90680556 | 13.87 | 24.1565 | 6.07636574 | 13.77 | 26.4849 |
| 5.73736111 | 14.42 | 25.7784 | 5.9069213 | 13.87 | 24.1565 | 6.07648148 | 13.78 | 26.4852 |
| 5.73747685 | 14.42 | 20.8376 | 5.90703704 | 13.87 | 24.1476 | 6.07659722 | 13.84 | 26.8142 |
| 5.73759259 | 14.4 | 27.6564 | 5.90715278 | 13.87 | 24.1834 | 6.07671296 | 13.94 | 27.6427 |
| 5.73770833 | 14.4 | 27.7119 | 5.90726852 | 13.87 | 24.1565 | 6.0768287 | 13.97 | 27.8061 |
| 5.73782407 | 14.4 | 23.8667 | 5.90738426 | 13.87 | 24.1565 | 6.07694444 | 13.97 | 27.6213 |
| 5.73793982 | 14.4 | 26.5017 | 5.9075 | 13.87 | 24.1476 | 6.07706019 | 13.98 | 27.791 |
| 5.73805556 | 14.41 | 25.3135 | 5.90761574 | 13.87 | 24.1386 | 6.07717593 | 13.98 | 27.7397 |
| 5.7381713 | 14.4 | 25.8819 | 5.90773148 | 13.87 | 24.1476 | 6.07729167 | 13.97 | 27.7469 |
| 5.73828704 | 14.41 | 26.0503 | 5.90784722 | 13.85 | 24.184 | 6.07740741 | 13.95 | 27.399 |
| 5.73840278 | 14.42 | 26.6382 | 5.90796296 | 13.85 | 24.1601 | 6.07752315 | 13.92 | 27.2595 |
| 5.73851852 | 14.41 | 25.792 | 5.9080787 | 13.87 | 24.1327 | 6.07763889 | 13.91 | 27.1076 |
| 5.73863426 | 14.41 | 25.98 | 5.90819444 | 13.87 | 24.1565 | 6.07775463 | 13.88 | 26.9937 |
| 5.73875 | 14.4 | 27.8396 | 5.90831019 | 13.87 | 24.1565 | 6.07787037 | 13.87 | 26.8486 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73886574 | 14.41 | 27.7247 | 5.90842593 | 13.87 | 24.1565 | 6.07798611 | 13.84 | 26.7774 |
| 5.73898148 | 14.44 | 22.8395 | 5.90854167 | 13.85 | 24.1511 | 6.07810185 | 13.83 | 26.7404 |
| 5.73909722 | 14.41 | 27.5586 | 5.90865741 | 13.85 | 24.1601 | 6.07821759 | 13.83 | 26.7771 |
| 5.73921296 | 14.42 | 26.2712 | 5.90877315 | 13.85 | 24.1601 | 6.07833333 | 13.88 | 27.0498 |
| 5.7393287 | 14.41 | 27.3595 | 5.90888889 | 13.85 | 24.1601 | 6.07844907 | 13.9 | 27.0059 |
| 5.73944444 | 14.38 | 28.4511 | 5.90900463 | 13.87 | 24.1625 | 6.07856482 | 13.88 | 27.0199 |
| 5.73956019 | 14.4 | 28.5033 | 5.90912037 | 13.87 | 24.1535 | 6.07868056 | 13.91 | 27.0926 |
| 5.73967593 | 14.41 | 27.1784 | 5.90923611 | 13.87 | 24.1685 | 6.0787963 | 13.91 | 27.1831 |
| 5.73979167 | 14.42 | 25.6035 | 5.90935185 | 13.85 | 24.0946 | 6.07891204 | 13.9 | 27.1259 |
| 5.73990741 | 14.4 | 28.131 | 5.90946759 | 13.85 | 24.1303 | 6.07902778 | 13.9 | 27.0246 |
| 5.74002315 | 14.4 | 27.6644 | 5.90958333 | 13.87 | 24.1327 | 6.07914352 | 13.9 | 27.0808 |
| 5.74013889 | 14.41 | 26.719 | 5.90969907 | 13.87 | 24.1625 | 6.07925926 | 13.92 | 27.3819 |
| 5.74025463 | 14.41 | 25.0075 | 5.90981482 | 13.87 | 24.2224 | 6.079375 | 13.95 | 27.6669 |
| 5.74037037 | 14.44 | 21.0998 | 5.90993056 | 13.87 | 24.1476 | 6.07949074 | 13.92 | 27.2786 |
| 5.74048611 | 14.41 | 27.1746 | 5.9100463 | 13.87 | 24.1535 | 6.07960648 | 13.9 | 27.0508 |
| 5.74060185 | 14.38 | 28.9644 | 5.91016204 | 13.85 | 24.211 | 6.07972222 | 13.9 | 27.0808 |
| 5.74071759 | 14.4 | 28.9322 | 5.91027778 | 13.87 | 24.3311 | 6.07983796 | 13.9 | 26.9984 |
| 5.74083333 | 14.42 | 21.4763 | 5.91039352 | 13.88 | 24.3187 | 6.0799537 | 13.9 | 27.0808 |
| 5.74094907 | 14.42 | 12.2568 | 5.91050926 | 13.87 | 0.8573 | 6.08006944 | 13.9 | 27.1637 |
| 5.74106482 | 14.4 | 29.1403 | 5.910625 | 13.83 | 24.509 | 6.08018519 | 13.9 | 27.2091 |
| 5.74118056 | 14.4 | 29.6547 | 5.91074074 | 13.88 | 24.2975 | 6.08030093 | 13.92 | 27.3053 |
| 5.7412963 | 14.38 | 30.4878 | 5.91085648 | 13.87 | 23.9669 | 6.08041667 | 13.9 | 27.1184 |
| 5.74141204 | 14.38 | 30.1921 | 5.91097222 | 13.9 | 24.2849 | 6.08053241 | 13.9 | 27.0883 |
| 5.74152778 | 14.38 | 30.4264 | 5.91108796 | 13.88 | 24.2011 | 6.08064815 | 13.91 | 27.389 |
| 5.74164352 | 14.4 | 29.391 | 5.9112037 | 13.87 | 24.0436 | 6.08076389 | 13.88 | 27.0836 |
| 5.74175926 | 14.38 | 29.6474 | 5.91131944 | 13.88 | 24.0314 | 6.08087963 | 13.87 | 27.0082 |
| 5.741875 | 14.4 | 30.1162 | 5.91143519 | 13.87 | 24.0821 | 6.08099537 | 13.87 | 27.0381 |
| 5.74199074 | 14.41 | 22.7763 | 5.91155093 | 13.88 | 24.1772 | 6.08111111 | 13.87 | 27.0568 |
| 5.74210648 | 14.38 | 29.783 | 5.91166667 | 13.9 | 24.2608 | 6.08122685 | 13.85 | 26.8958 |
| 5.74222222 | 14.38 | 29.9748 | 5.91178241 | 13.88 | 24.1622 | 6.08134259 | 13.83 | 26.8212 |
| 5.74233796 | 14.4 | 30.0238 | 5.91189815 | 13.88 | 24.1264 | 6.08145833 | 13.83 | 26.8101 |
| 5.7424537 | 14.4 | 30.6577 | 5.91201389 | 13.9 | 24.3637 | 6.08157407 | 13.81 | 26.7251 |
| 5.74256944 | 14.38 | 30.7022 | 5.91212963 | 13.88 | 24.1772 | 6.08168982 | 13.81 | 26.6922 |
| 5.74268519 | 14.38 | 30.5305 | 5.91224537 | 13.88 | 24.1175 | 6.08180556 | 13.8 | 26.743 |
| 5.74280093 | 14.38 | 30.1363 | 5.91236111 | 13.87 | 24.1655 | 6.0819213 | 13.8 | 26.7101 |
| 5.74291667 | 14.38 | 29.9381 | 5.91247685 | 13.88 | 24.1981 | 6.08203704 | 13.8 | 26.8163 |
| 5.74303241 | 14.38 | 29.6519 | 5.91259259 | 13.9 | 24.2216 | 6.08215278 | 13.84 | 26.9473 |
| 5.74314815 | 14.4 | 27.1205 | 5.91270833 | 13.88 | 24.2553 | 6.08226852 | 13.84 | 26.9696 |
| 5.74326389 | 14.4 | 28.8849 | 5.91282407 | 13.9 | 24.1557 | 6.08238426 | 13.88 | 27.4372 |
| 5.74337963 | 14.4 | 19.4183 | 5.91293982 | 13.88 | 24.1234 | 6.0825 | 13.92 | 27.5208 |
| 5.74349537 | 14.4 | 24.9944 | 5.91305556 | 13.88 | 24.0937 | 6.08261574 | 13.84 | 26.8769 |
| 5.74361111 | 14.38 | 28.1373 | 5.9131713 | 13.9 | 24.1258 | 6.08273148 | 13.83 | 26.8028 |
| 5.74372685 | 14.38 | 28.1987 | 5.91328704 | 13.9 | 24.2578 | 6.08284722 | 13.83 | 26.8212 |
| 5.74384259 | 14.4 | 26.8936 | 5.91340278 | 13.88 | 24.2703 | 6.08296296 | 13.84 | 26.8843 |
| 5.74395833 | 14.38 | 28.5096 | 5.91351852 | 13.9 | 24.2276 | 6.0830787 | 13.9 | 27.4153 |
| 5.74407407 | 14.38 | 29.4773 | 5.91363426 | 13.88 | 24.1981 | 6.08319444 | 13.94 | 27.5181 |
| 5.74418982 | 14.37 | 28.843 | 5.91375 | 13.88 | 24.1981 | 6.08331019 | 13.97 | 27.7824 |
| 5.74430556 | 14.4 | 27.0672 | 5.91386574 | 13.88 | 24.1682 | 6.08342593 | 13.92 | 27.4666 |
| 5.7444213 | 14.4 | 26.6482 | 5.91398148 | 13.88 | 24.1533 | 6.08354167 | 13.87 | 27.0456 |
| 5.74453704 | 14.4 | 25.9937 | 5.91409722 | 13.88 | 24.1383 | 6.08365741 | 13.84 | 26.9213 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74465278 | 14.4 | 24.291 | 5.91421296 | 13.88 | 24.1324 | 6.08377315 | 13.85 | 27.0335 |
| 5.74476852 | 14.4 | 26.8674 | 5.9143287 | 13.87 | 24.1297 | 6.08388889 | 13.83 | 26.9024 |
| 5.74488426 | 14.4 | 27.5854 | 5.91444444 | 13.88 | 24.1175 | 6.08400463 | 13.84 | 26.9659 |
| 5.745 | 14.38 | 28.3513 | 5.91456019 | 13.88 | 24.1234 | 6.08412037 | 13.78 | 26.6149 |
| 5.74511574 | 14.4 | 28.6506 | 5.91467593 | 13.88 | 24.1145 | 6.08423611 | 13.74 | 26.5127 |
| 5.74523148 | 14.38 | 27.9303 | 5.91479167 | 13.88 | 24.0937 | 6.08435185 | 13.77 | 26.5352 |
| 5.74534722 | 14.41 | 23.8931 | 5.91490741 | 13.87 | 24.0762 | 6.08446759 | 13.81 | 26.8978 |
| 5.74546296 | 14.38 | 28.6315 | 5.91502315 | 13.88 | 24.0788 | 6.08458333 | 13.84 | 27.0929 |
| 5.7455787 | 14.37 | 29.3916 | 5.91513889 | 13.85 | 24.0916 | 6.08469907 | 13.78 | 26.6948 |
| 5.74569444 | 14.38 | 29.6294 | 5.91525463 | 13.88 | 24.0729 | 6.08481482 | 13.78 | 26.6258 |
| 5.74581019 | 14.38 | 29.984 | 5.91537037 | 13.87 | 24.0643 | 6.08493056 | 13.83 | 26.9283 |
| 5.74592593 | 14.38 | 30.0485 | 5.91548611 | 13.87 | 24.0643 | 6.0850463 | 13.84 | 27.0031 |
| 5.74604167 | 14.38 | 30.1178 | 5.91560185 | 13.87 | 24.0554 | 6.08516204 | 13.92 | 27.5324 |
| 5.74615741 | 14.38 | 29.4239 | 5.91571759 | 13.88 | 24.0433 | 6.08527778 | 13.71 | 25.9913 |
| 5.74627315 | 14.38 | 30.0715 | 5.91583333 | 13.88 | 24.0137 | 6.08539352 | 13.74 | 26.2321 |
| 5.74638889 | 14.38 | 29.9335 | 5.91594907 | 13.87 | 24.0406 | 6.08550926 | 13.76 | 26.3704 |

DrEx 113

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.5680787 | 14.94 | 2.724 | 5.75604167 | 14.46 | 24.729 | 5.94388889 | 13.82 | 19.0488 |
| 5.56819444 | 14.92 | 9.6967 | 5.75615741 | 14.46 | 24.7947 | 5.94400463 | 13.76 | 18.0717 |
| 5.56831019 | 15.08 | 7.1174 | 5.75627315 | 14.46 | 24.933 | 5.94412037 | 13.71 | 16.7094 |
| 5.56842593 | 15.15 | 5.5652 | 5.75638889 | 14.46 | 25.1611 | 5.94423611 | 13.73 | 17.5072 |
| 5.56854167 | 14.97 | 11.2081 | 5.75650463 | 14.43 | 24.8368 | 5.94435185 | 13.71 | 17.3809 |
| 5.56865741 | 14.86 | 17.5695 | 5.75662037 | 14.44 | 25.2303 | 5.94446759 | 13.73 | 17.3118 |
| 5.56877315 | 14.7 | 21.4293 | 5.75673611 | 14.46 | 25.1081 | 5.94458333 | 13.67 | 16.4358 |
| 5.56888889 | 14.53 | 28.6281 | 5.75685185 | 14.44 | 25.4852 | 5.94469907 | 13.67 | 16.5129 |
| 5.56900463 | 14.47 | 29.5342 | 5.75696759 | 14.44 | 25.2036 | 5.94481482 | 13.67 | 16.6776 |
| 5.56912037 | 14.47 | 29.1684 | 5.75708333 | 14.44 | 25.2481 | 5.94493056 | 13.67 | 16.4946 |
| 5.56923611 | 14.53 | 27.6313 | 5.75719907 | 14.44 | 25.5856 | 5.9450463 | 13.64 | 16.3137 |
| 5.56935185 | 14.49 | 28.6154 | 5.75731482 | 14.44 | 25.3646 | 5.94516204 | 13.64 | 16.2198 |
| 5.56946759 | 14.53 | 27.6099 | 5.75743056 | 14.44 | 25.7486 | 5.94527778 | 13.64 | 16.3111 |
| 5.56958333 | 14.51 | 27.567 | 5.7575463 | 14.44 | 25.4822 | 5.94539352 | 13.68 | 17.0676 |
| 5.56969907 | 14.53 | 27.362 | 5.75766204 | 14.43 | 25.4736 | 5.94550926 | 13.67 | 16.6538 |
| 5.56981482 | 14.47 | 29.4774 | 5.75777778 | 14.43 | 25.6596 | 5.945625 | 13.68 | 17.2106 |
| 5.56993056 | 14.46 | 29.7961 | 5.75789352 | 14.43 | 25.7645 | 5.94574074 | 13.67 | 16.8189 |
| 5.5700463 | 14.44 | 29.9737 | 5.75800926 | 14.43 | 25.8859 | 5.94585648 | 13.67 | 16.5693 |
| 5.57016204 | 14.46 | 29.9207 | 5.758125 | 14.44 | 25.8449 | 5.94597222 | 13.66 | 16.6727 |
| 5.57027778 | 14.46 | 29.8583 | 5.75824074 | 14.44 | 25.8668 | 5.94608796 | 13.63 | 16.1421 |
| 5.57039352 | 14.46 | 29.7714 | 5.75835648 | 14.44 | 25.2987 | 5.9462037 | 13.61 | 15.4519 |
| 5.57050926 | 14.46 | 29.7384 | 5.75847222 | 14.44 | 25.6438 | 5.94631944 | 13.61 | 15.6706 |
| 5.570625 | 14.46 | 29.5744 | 5.75858796 | 14.46 | 25.8347 | 5.94643519 | 13.6 | 15.333 |
| 5.57074074 | 14.51 | 28.1559 | 5.7587037 | 14.44 | 25.3886 | 5.94655093 | 13.61 | 15.583 |
| 5.57085648 | 14.54 | 28.075 | 5.75881944 | 14.43 | 26.296 | 5.94666667 | 13.66 | 16.8139 |
| 5.57097222 | 14.6 | 26.3141 | 5.75893519 | 14.44 | 25.5125 | 5.94678241 | 13.68 | 17.3286 |
| 5.57108796 | 14.51 | 29.1305 | 5.75905093 | 14.43 | 25.7552 | 5.94689815 | 13.68 | 17.5229 |
| 5.5712037 | 14.5 | 29.0155 | 5.75916667 | 14.44 | 25.7486 | 5.94701389 | 13.68 | 17.058 |
| 5.57131944 | 14.53 | 28.1934 | 5.75928241 | 14.44 | 25.9388 | 5.94712963 | 13.76 | 18.6816 |
| 5.57143519 | 14.53 | 28.6703 | 5.75939815 | 14.44 | 25.5307 | 5.94724537 | 13.8 | 20.3893 |
| 5.57155093 | 14.53 | 28.7823 | 5.75951389 | 14.46 | 22.0836 | 5.94736111 | 13.76 | 18.5593 |
| 5.57166667 | 14.53 | 28.4906 | 5.75962963 | 14.44 | 25.2333 | 5.94747685 | 13.74 | 18.3957 |
| 5.57178241 | 14.51 | 28.7584 | 5.75974537 | 14.44 | 25.5703 | 5.94759259 | 13.82 | 19.3624 |
| 5.57189815 | 14.5 | 28.8278 | 5.75986111 | 14.44 | 25.4398 | 5.94770833 | 13.8 | 19.4282 |
| 5.57201389 | 14.49 | 29.1336 | 5.75997685 | 14.44 | 25.3436 | 5.94782407 | 13.84 | 19.8653 |
| 5.57212963 | 14.47 | 29.3723 | 5.76009259 | 14.46 | 25.2262 | 5.94793982 | 13.9 | 21.518 |
| 5.57224537 | 14.47 | 29.4167 | 5.76020833 | 14.44 | 25.0916 | 5.94805556 | 13.86 | 20.4117 |
| 5.57236111 | 14.53 | 28.864 | 5.76032407 | 14.44 | 25.4731 | 5.9481713 | 13.89 | 20.7748 |
| 5.57247685 | 14.56 | 28.7718 | 5.76043982 | 14.41 | 25.4867 | 5.94828704 | 13.92 | 20.8639 |
| 5.57259259 | 14.57 | 28.5757 | 5.76055556 | 14.44 | 24.969 | 5.94840278 | 13.83 | 19.2936 |
| 5.57270833 | 14.59 | 28.4164 | 5.7606713 | 14.46 | 25.111 | 5.94851852 | 14.02 | 22.7986 |
| 5.57282407 | 14.57 | 28.2728 | 5.76078704 | 14.44 | 25.4037 | 5.94863426 | 13.96 | 21.4554 |
| 5.57293982 | 14.6 | 27.9876 | 5.76090278 | 14.44 | 25.118 | 5.94875 | 13.96 | 21.7935 |
| 5.57305556 | 14.62 | 27.7327 | 5.76101852 | 14.46 | 25.1847 | 5.94886574 | 13.98 | 22.2275 |
| 5.5731713 | 14.6 | 27.9472 | 5.76113426 | 14.44 | 25.1888 | 5.94898148 | 13.99 | 21.952 |
| 5.57328704 | 14.57 | 27.9687 | 5.76125 | 14.44 | 25.0799 | 5.94909722 | 14.02 | 22.2449 |
| 5.57340278 | 14.54 | 28.5939 | 5.76136574 | 14.46 | 25.2233 | 5.94921296 | 14 | 22.056 |
| 5.57351852 | 14.57 | 27.521 | 5.76148148 | 14.44 | 25.177 | 5.9493287 | 13.99 | 21.8542 |
| 5.57363426 | 14.59 | 27.0699 | 5.76159722 | 14.46 | 25.1405 | 5.94944444 | 14.02 | 22.1421 |
| 5.57375 | 14.65 | 26.0871 | 5.76171296 | 14.44 | 25.3047 | 5.94956019 | 14.11 | 23.1304 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.57386574 | 14.65 | 26.1737 | 5.7618287 | 14.44 | 25.1534 | 5.94967593 | 14.12 | 23.1539 |
| 5.57398148 | 14.67 | 25.8929 | 5.76194444 | 14.46 | 25.1405 | 5.94979167 | 14.09 | 22.9771 |
| 5.57409722 | 14.69 | 25.6487 | 5.76206019 | 14.44 | 24.7846 | 5.94990741 | 14.09 | 22.9819 |
| 5.57421296 | 14.72 | 23.4239 | 5.76217593 | 14.44 | 24.3936 | 5.95002315 | 14.09 | 22.8834 |
| 5.5743287 | 14.69 | 25.0014 | 5.76229167 | 14.46 | 24.4643 | 5.95013889 | 14.08 | 22.8583 |
| 5.57444444 | 14.67 | 25.0406 | 5.76240741 | 14.44 | 25.8793 | 5.95025463 | 14.06 | 22.7892 |
| 5.57456019 | 14.65 | 26.1898 | 5.76252315 | 14.43 | 25.6412 | 5.95037037 | 14.08 | 22.832 |
| 5.57467593 | 14.6 | 27.0389 | 5.76263889 | 14.44 | 25.0799 | 5.95048611 | 14.06 | 22.794 |
| 5.57479167 | 14.63 | 25.7534 | 5.76275463 | 14.43 | 25.6873 | 5.95060185 | 14.06 | 22.6177 |
| 5.57490741 | 14.6 | 27.2604 | 5.76287037 | 14.44 | 25.6899 | 5.95071759 | 14.08 | 22.8989 |
| 5.57502315 | 14.54 | 28.3171 | 5.76298611 | 14.43 | 26.2123 | 5.95083333 | 14.02 | 22.2742 |
| 5.57513889 | 14.54 | 28.529 | 5.76310185 | 14.43 | 25.9204 | 5.95094907 | 14 | 22.0936 |
| 5.57525463 | 14.51 | 28.7082 | 5.76321759 | 14.46 | 25.7323 | 5.95106482 | 13.9 | 20.1087 |
| 5.57537037 | 14.49 | 29.0505 | 5.76333333 | 14.44 | 25.7331 | 5.95118056 | 13.8 | 18.7588 |
| 5.57548611 | 14.49 | 29.1217 | 5.76344907 | 14.44 | 26.1033 | 5.9512963 | 13.87 | 20.1007 |
| 5.57560185 | 14.49 | 29.0112 | 5.76356482 | 14.46 | 25.7881 | 5.95141204 | 13.86 | 20.166 |
| 5.57571759 | 14.5 | 28.8356 | 5.76368056 | 14.44 | 25.9451 | 5.95152778 | 13.82 | 19.0782 |
| 5.57583333 | 14.51 | 28.5053 | 5.7637963 | 14.46 | 24.2765 | 5.95164352 | 13.73 | 18.2224 |
| 5.57594907 | 14.75 | 18.8819 | 5.76391204 | 14.49 | 22.6656 | 5.95175926 | 13.89 | 20.9056 |
| 5.57606482 | 14.57 | 26.923 | 5.76402778 | 14.44 | 25.3616 | 5.951875 | 13.82 | 19.8278 |
| 5.57618056 | 14.56 | 27.6494 | 5.76414352 | 14.47 | 22.309 | 5.95199074 | 13.76 | 18.5999 |
| 5.5762963 | 14.54 | 27.9866 | 5.76425926 | 14.44 | 25.3946 | 5.95210648 | 13.74 | 18.4511 |
| 5.57641204 | 14.79 | 18.3122 | 5.764375 | 14.46 | 22.3606 | 5.95222222 | 13.74 | 18.3758 |
| 5.57652778 | 14.57 | 26.1567 | 5.76449074 | 14.46 | 25.4237 | 5.95233796 | 13.82 | 19.5032 |
| 5.57664352 | 14.69 | 23.7483 | 5.76460648 | 14.46 | 23.4397 | 5.9524537 | 13.8 | 19.4656 |
| 5.57675926 | 14.53 | 27.9535 | 5.76472222 | 14.47 | 23.2246 | 5.95256944 | 13.77 | 19.187 |
| 5.576875 | 14.46 | 29.3317 | 5.76483796 | 14.47 | 23.5847 | 5.95268519 | 13.77 | 19.0964 |
| 5.57699074 | 14.46 | 29.4243 | 5.7649537 | 14.49 | 22.2907 | 5.95280093 | 13.77 | 18.8885 |
| 5.57710648 | 14.46 | 29.4485 | 5.76506944 | 14.51 | 20.5686 | 5.95291667 | 13.77 | 19.1013 |
| 5.57722222 | 14.53 | 25.5204 | 5.76518519 | 14.47 | 24.2566 | 5.95303241 | 13.82 | 19.9289 |
| 5.57733796 | 14.62 | 25.1614 | 5.76530093 | 14.5 | 19.5391 | 5.95314815 | 13.83 | 19.9255 |
| 5.5774537 | 14.6 | 26.1976 | 5.76541667 | 14.46 | 24.855 | 5.95326389 | 13.83 | 19.8245 |
| 5.57756944 | 14.69 | 19.5524 | 5.76553241 | 14.5 | 20.6867 | 5.95337963 | 13.8 | 19.2918 |
| 5.57768519 | 14.62 | 24.9643 | 5.76564815 | 14.5 | 19.2403 | 5.95349537 | 13.82 | 19.812 |
| 5.57780093 | 14.62 | 24.8049 | 5.76576389 | 14.47 | 24.4442 | 5.95361111 | 13.8 | 19.5682 |
| 5.57791667 | 14.6 | 25.8356 | 5.76587963 | 14.49 | 21.7751 | 5.95372685 | 13.87 | 20.4646 |
| 5.57803241 | 14.57 | 26.6137 | 5.76599537 | 14.5 | 20.9985 | 5.95384259 | 13.89 | 20.3865 |
| 5.57814815 | 14.62 | 25.7072 | 5.76611111 | 14.47 | 23.2196 | 5.95395833 | 13.92 | 21.2757 |
| 5.57826389 | 14.51 | 28.2415 | 5.76622685 | 14.51 | 20.9348 | 5.95407407 | 13.89 | 20.5826 |
| 5.57837963 | 14.51 | 28.0671 | 5.76634259 | 14.5 | 21.5138 | 5.95418982 | 13.8 | 19.1226 |
| 5.57849537 | 14.53 | 27.3901 | 5.76645833 | 14.5 | 21.5223 | 5.95430556 | 13.98 | 22.3651 |
| 5.57861111 | 14.59 | 26.0538 | 5.76657407 | 14.5 | 21.6119 | 5.9544213 | 13.93 | 21.1486 |
| 5.57872685 | 14.6 | 25.8419 | 5.76668982 | 14.5 | 21.0775 | 5.95453704 | 13.89 | 20.3567 |
| 5.57884259 | 14.56 | 27.3094 | 5.76680556 | 14.5 | 20.6049 | 5.95465278 | 13.99 | 22.0265 |
| 5.57895833 | 14.59 | 26.3827 | 5.7669213 | 14.49 | 22.4707 | 5.95476852 | 14.03 | 22.5887 |
| 5.57907407 | 14.59 | 25.883 | 5.76703704 | 14.5 | 22.2279 | 5.95488426 | 14.06 | 23.3109 |
| 5.57918982 | 14.81 | 18.4751 | 5.76715278 | 14.5 | 22.767 | 5.955 | 14.05 | 22.8212 |
| 5.57930556 | 14.65 | 24.0581 | 5.76726852 | 14.5 | 22.6835 | 5.95511574 | 14.06 | 22.465 |
| 5.5794213 | 14.63 | 25.3281 | 5.76738426 | 14.49 | 25.2276 | 5.95523148 | 14.09 | 23.3251 |
| 5.57953704 | 14.63 | 25.3401 | 5.7675 | 14.47 | 24.584 | 5.95534722 | 14.03 | 22.4847 |
| 5.57965278 | 14.73 | 21.9626 | 5.76761574 | 14.46 | 25.2947 | 5.95546296 | 13.96 | 21.082 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.57976852 | 14.67 | 23.6295 | 5.76773148 | 14.49 | 23.974 | 5.9555787 | 14.02 | 22.342 |
| 5.57988426 | 14.79 | 18.2766 | 5.76784722 | 14.46 | 24.4532 | 5.95569444 | 14.11 | 23.2659 |
| 5.58 | 14.75 | 20.7075 | 5.76796296 | 14.44 | 26.2796 | 5.95581019 | 14.12 | 23.1269 |
| 5.58011574 | 14.69 | 22.4372 | 5.7680787 | 14.46 | 26.0296 | 5.95592593 | 14.09 | 22.9554 |
| 5.58023148 | 14.78 | 19.341 | 5.76819444 | 14.46 | 26.8196 | 5.95604167 | 14.12 | 23.2549 |
| 5.58034722 | 14.83 | 17.3633 | 5.76831019 | 14.44 | 26.9348 | 5.95615741 | 14.15 | 23.6198 |
| 5.58046296 | 14.76 | 20.6924 | 5.76842593 | 14.46 | 26.7458 | 5.95627315 | 14.27 | 25.134 |
| 5.5805787 | 14.65 | 25.1302 | 5.76854167 | 14.46 | 26.6126 | 5.95638889 | 14.21 | 24.0508 |
| 5.58069444 | 14.6 | 26.2492 | 5.76865741 | 14.46 | 25.5694 | 5.95650463 | 14.21 | 24.0722 |
| 5.58081019 | 14.51 | 27.8911 | 5.76877315 | 14.46 | 25.9318 | 5.95662037 | 14.21 | 24.1688 |
| 5.58092593 | 14.5 | 27.2329 | 5.76888889 | 14.46 | 24.7148 | 5.95673611 | 14.15 | 23.4898 |
| 5.58104167 | 14.5 | 28.4367 | 5.76900463 | 14.46 | 24.5763 | 5.95685185 | 14.12 | 22.7824 |
| 5.58115741 | 14.46 | 29.0888 | 5.76912037 | 14.47 | 23.0661 | 5.95696759 | 14.14 | 23.2405 |
| 5.58127315 | 14.44 | 29.1354 | 5.76923611 | 14.47 | 25.3211 | 5.95708333 | 14.12 | 23.1098 |
| 5.58138889 | 14.44 | 29.3669 | 5.76935185 | 14.47 | 24.7198 | 5.95719907 | 14.12 | 23.0829 |
| 5.58150463 | 14.44 | 29.3548 | 5.76946759 | 14.46 | 25.8347 | 5.95731482 | 14.12 | 23.0878 |
| 5.58162037 | 14.44 | 29.3749 | 5.76958333 | 14.47 | 24.1207 | 5.95743056 | 14.09 | 22.0799 |
| 5.58173611 | 14.43 | 29.3986 | 5.76969907 | 14.47 | 24.4358 | 5.9575463 | 13.86 | 21.0287 |
| 5.58185185 | 14.44 | 29.4152 | 5.76981482 | 14.49 | 24.2442 | 5.95766204 | 13.73 | 17.5101 |
| 5.58196759 | 14.43 | 29.4308 | 5.76993056 | 14.49 | 23.8122 | 5.95777778 | 13.76 | 19.2019 |
| 5.58208333 | 14.44 | 29.3709 | 5.7700463 | 14.49 | 24.0409 | 5.95789352 | 13.76 | 18.1615 |
| 5.58219907 | 14.43 | 29.4107 | 5.77016204 | 14.49 | 24.3072 | 5.95800926 | 13.61 | 15.4141 |
| 5.58231482 | 14.44 | 29.3107 | 5.77027778 | 14.49 | 23.9047 | 5.958125 | 13.73 | 18.0501 |
| 5.58243056 | 14.46 | 29.2476 | 5.77039352 | 14.49 | 24.1353 | 5.95824074 | 13.73 | 18.3913 |
| 5.5825463 | 14.44 | 29.2148 | 5.77050926 | 14.49 | 24.0221 | 5.95835648 | 13.57 | 15.1303 |
| 5.58266204 | 14.44 | 29.2667 | 5.770625 | 14.49 | 24.9051 | 5.95847222 | 13.54 | 14.9334 |
| 5.58277778 | 14.44 | 29.2667 | 5.77074074 | 14.49 | 24.7871 | 5.95858796 | 13.71 | 19.028 |
| 5.58289352 | 14.43 | 29.4107 | 5.77085648 | 14.47 | 25.2198 | 5.9587037 | 13.58 | 15.7039 |
| 5.58300926 | 14.44 | 29.2029 | 5.77097222 | 14.47 | 25.4353 | 5.95881944 | 13.6 | 16.2264 |
| 5.583125 | 14.44 | 29.2228 | 5.77108796 | 14.47 | 25.4686 | 5.95893519 | 13.52 | 14.5883 |
| 5.58324074 | 14.49 | 27.7028 | 5.7712037 | 14.47 | 25.4021 | 5.95905093 | 13.51 | 14.3602 |
| 5.58335648 | 14.53 | 26.7446 | 5.77131944 | 14.47 | 25.3271 | 5.95916667 | 13.52 | 14.368 |
| 5.58347222 | 14.5 | 27.4641 | 5.77143519 | 14.47 | 25.5537 | 5.95928241 | 13.54 | 14.3963 |
| 5.58358796 | 14.51 | 27.457 | 5.77155093 | 14.47 | 25.6148 | 5.95939815 | 13.61 | 17.6604 |
| 5.5837037 | 14.5 | 27.7424 | 5.77166667 | 14.47 | 24.8659 | 5.95951389 | 13.68 | 17.5598 |
| 5.58381944 | 14.51 | 26.9747 | 5.77178241 | 14.47 | 25.348 | 5.95962963 | 13.6 | 16.3371 |
| 5.58393519 | 14.83 | 10.7843 | 5.77189815 | 14.46 | 25.3876 | 5.95974537 | 13.64 | 17.1911 |
| 5.58405093 | 14.6 | 24.7201 | 5.77201389 | 14.46 | 25.5908 | 5.95986111 | 13.6 | 16.4396 |
| 5.58416667 | 14.53 | 27.3164 | 5.77212963 | 14.46 | 25.5024 | 5.95997685 | 13.63 | 18.1733 |
| 5.58428241 | 14.51 | 27.3095 | 5.77224537 | 14.46 | 25.1346 | 5.96009259 | 13.57 | 16.5152 |
| 5.58439815 | 14.53 | 26.9438 | 5.77236111 | 14.46 | 25.2887 | 5.96020833 | 13.57 | 16.4629 |
| 5.58451389 | 14.51 | 27.2085 | 5.77247685 | 14.46 | 26.1569 | 5.96032407 | 13.57 | 16.5887 |
| 5.58462963 | 14.53 | 27.0498 | 5.77259259 | 14.44 | 25.7208 | 5.96043982 | 13.54 | 16.4888 |
| 5.58474537 | 14.53 | 27.278 | 5.77270833 | 14.46 | 25.2708 | 5.96055556 | 13.55 | 16.1821 |
| 5.58486111 | 14.53 | 27.2501 | 5.77282407 | 14.46 | 25.5633 | 5.9606713 | 13.6 | 16.6934 |
| 5.58497685 | 14.5 | 27.6276 | 5.77293982 | 14.46 | 25.7601 | 5.96078704 | 13.96 | 22.834 |
| 5.58509259 | 14.51 | 27.7642 | 5.77305556 | 14.44 | 26.5767 | 5.96090278 | 13.8 | 19.5545 |
| 5.58520833 | 14.51 | 27.5598 | 5.7731713 | 14.44 | 25.942 | 5.96101852 | 13.58 | 16.3858 |
| 5.58532407 | 14.51 | 27.4889 | 5.77328704 | 14.46 | 26.2758 | 5.96113426 | 13.55 | 15.9751 |
| 5.58543982 | 14.5 | 27.7749 | 5.77340278 | 14.46 | 26.0138 | 5.96125 | 13.67 | 18.7585 |
| 5.58555556 | 14.51 | 27.5172 | 5.77351852 | 14.44 | 25.2958 | 5.96136574 | 13.89 | 20.8978 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.5856713 | 14.59 | 24.6979 | 5.77363426 | 14.44 | 24.5861 | 5.96148148 | 13.87 | 21.1875 |
| 5.58578704 | 14.51 | 27.2016 | 5.77375 | 14.44 | 25.0799 | 5.96159722 | 13.66 | 17.5121 |
| 5.58590278 | 14.49 | 27.9749 | 5.77386574 | 14.44 | 26.0335 | 5.96171296 | 13.79 | 20.6093 |
| 5.58601852 | 14.5 | 27.5883 | 5.77398148 | 14.44 | 26.132 | 5.9618287 | 13.92 | 21.461 |
| 5.58613426 | 14.49 | 28.2486 | 5.77409722 | 14.44 | 26.3184 | 5.96194444 | 13.76 | 19.049 |
| 5.58625 | 14.46 | 28.603 | 5.77421296 | 14.44 | 26.4878 | 5.96206019 | 13.71 | 18.0773 |
| 5.58636574 | 14.46 | 28.7993 | 5.7743287 | 14.44 | 26.1416 | 5.96217593 | 13.9 | 21.6609 |
| 5.58648148 | 14.47 | 28.1403 | 5.77444444 | 14.44 | 26.3833 | 5.96229167 | 13.87 | 21.4452 |
| 5.58659722 | 14.46 | 28.6643 | 5.77456019 | 14.46 | 26.5564 | 5.96240741 | 13.92 | 21.5991 |
| 5.58671296 | 14.47 | 28.3343 | 5.77467593 | 14.44 | 26.4845 | 5.96252315 | 13.87 | 20.8284 |
| 5.5868287 | 14.46 | 28.6489 | 5.77479167 | 14.44 | 25.964 | 5.96263889 | 13.86 | 20.0138 |
| 5.58694444 | 14.47 | 28.4928 | 5.77490741 | 14.44 | 26.2538 | 5.96275463 | 13.86 | 20.5891 |
| 5.58706019 | 14.47 | 28.588 | 5.77502315 | 14.44 | 26.2377 | 5.96287037 | 13.96 | 22.2368 |
| 5.58717593 | 14.47 | 28.3831 | 5.77513889 | 14.46 | 26.3081 | 5.96298611 | 13.82 | 19.2785 |
| 5.58729167 | 14.46 | 28.4433 | 5.77525463 | 14.44 | 26.3476 | 5.96310185 | 13.92 | 21.4797 |
| 5.58740741 | 14.49 | 28.0263 | 5.77537037 | 14.43 | 26.1803 | 5.96321759 | 14 | 22.4975 |
| 5.58752315 | 14.46 | 28.8575 | 5.77548611 | 14.46 | 26.2435 | 5.96333333 | 13.9 | 21.4327 |
| 5.58763889 | 14.47 | 28.5156 | 5.77560185 | 14.44 | 26.2281 | 5.96344907 | 14 | 22.4998 |
| 5.58775463 | 14.46 | 28.4812 | 5.77571759 | 14.44 | 26.257 | 5.96356482 | 13.99 | 22.1015 |
| 5.58787037 | 14.47 | 28.703 | 5.77583333 | 14.44 | 24.7903 | 5.96368056 | 13.98 | 22.241 |
| 5.58798611 | 14.47 | 28.6416 | 5.77594907 | 14.44 | 24.8678 | 5.9637963 | 13.95 | 21.3473 |
| 5.58810185 | 14.5 | 27.334 | 5.77606482 | 14.46 | 22.824 | 5.96391204 | 13.96 | 22.0678 |
| 5.58821759 | 14.47 | 28.237 | 5.77618056 | 14.47 | 22.5102 | 5.96402778 | 13.98 | 22.2388 |
| 5.58833333 | 14.47 | 28.1292 | 5.7762963 | 14.47 | 23.0784 | 5.96414352 | 13.96 | 22.0414 |
| 5.58844907 | 14.47 | 28.3493 | 5.77641204 | 14.47 | 22.7105 | 5.96425926 | 13.95 | 21.6647 |
| 5.58856482 | 14.46 | 28.6145 | 5.77652778 | 14.47 | 23.0956 | 5.964375 | 13.93 | 21.5117 |
| 5.58868056 | 14.49 | 27.8146 | 5.77664352 | 14.47 | 23.0121 | 5.96449074 | 13.95 | 21.6287 |
| 5.5887963 | 14.46 | 28.8225 | 5.77675926 | 14.47 | 23.2421 | 5.96460648 | 13.95 | 21.9202 |
| 5.58891204 | 14.46 | 28.9355 | 5.776875 | 14.47 | 23.0956 | 5.96472222 | 13.92 | 21.2574 |
| 5.58902778 | 14.46 | 28.842 | 5.77699074 | 14.47 | 23.4413 | 5.96483796 | 13.8 | 18.218 |
| 5.58914352 | 14.53 | 25.8476 | 5.77710648 | 14.47 | 23.5461 | 5.9649537 | 13.86 | 20.0228 |
| 5.58925926 | 14.46 | 28.7066 | 5.77722222 | 14.47 | 23.8905 | 5.96506944 | 13.83 | 19.0848 |
| 5.589375 | 14.44 | 29.084 | 5.77733796 | 14.47 | 22.3181 | 5.96518519 | 13.83 | 19.634 |
| 5.58949074 | 14.44 | 29.0998 | 5.7774537 | 14.47 | 23.9676 | 5.96530093 | 13.92 | 21.4382 |
| 5.58960648 | 14.46 | 28.8148 | 5.77756944 | 14.47 | 25.3301 | 5.96541667 | 13.87 | 20.6009 |
| 5.58972222 | 14.46 | 28.5153 | 5.77768519 | 14.46 | 24.9156 | 5.96553241 | 13.84 | 19.8706 |
| 5.58983796 | 14.44 | 28.5871 | 5.77780093 | 14.46 | 25.5511 | 5.96564815 | 13.84 | 20.3812 |
| 5.5899537 | 14.46 | 28.561 | 5.77791667 | 14.47 | 24.9672 | 5.96576389 | 13.83 | 19.488 |
| 5.59006944 | 14.46 | 28.7413 | 5.77803241 | 14.46 | 25.0993 | 5.96587963 | 13.79 | 18.7859 |
| 5.59018519 | 14.46 | 28.8536 | 5.77814815 | 14.46 | 23.8596 | 5.96599537 | 13.77 | 18.1493 |
| 5.59030093 | 14.43 | 29.2064 | 5.77826389 | 14.46 | 24.2028 | 5.96611111 | 13.89 | 21.0821 |
| 5.59041667 | 14.41 | 29.3815 | 5.77837963 | 14.46 | 25.5969 | 5.96622685 | 13.82 | 19.2468 |
| 5.59053241 | 14.41 | 29.3574 | 5.77849537 | 14.46 | 25.6552 | 5.96634259 | 13.83 | 19.9469 |
| 5.59064815 | 14.44 | 29.0682 | 5.77861111 | 14.46 | 25.5572 | 5.96645833 | 13.89 | 20.8821 |
| 5.59076389 | 14.44 | 29.0328 | 5.77872685 | 14.46 | 25.4298 | 5.96657407 | 13.79 | 18.0681 |
| 5.59087963 | 14.44 | 29.088 | 5.77884259 | 14.44 | 26.1479 | 5.96668982 | 13.76 | 18.1826 |
| 5.59099537 | 14.44 | 29.088 | 5.77895833 | 14.46 | 25.5725 | 5.96680556 | 13.82 | 18.5742 |
| 5.59111111 | 14.44 | 29.0959 | 5.77907407 | 14.46 | 26.0899 | 5.9669213 | 13.89 | 21.5717 |
| 5.59122685 | 14.44 | 29.0288 | 5.77918982 | 14.44 | 26.196 | 5.96703704 | 13.9 | 21.4244 |
| 5.59134259 | 14.44 | 28.9857 | 5.77930556 | 14.44 | 26.2538 | 5.96715278 | 13.86 | 20.2448 |
| 5.59145833 | 14.46 | 29.01 | 5.7794213 | 14.46 | 25.7292 | 5.96726852 | 13.87 | 20.8968 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59157407 | 14.44 | 28.9621 | 5.77953704 | 14.43 | 26.6033 | 5.96738426 | 13.87 | 21.089 |
| 5.59168982 | 14.46 | 29.0178 | 5.77965278 | 14.46 | 25.3336 | 5.9675 | 13.9 | 21.4534 |
| 5.59180556 | 14.46 | 28.9121 | 5.77976852 | 14.44 | 25.848 | 5.96761574 | 13.89 | 21.4964 |
| 5.5919213 | 14.46 | 29.0178 | 5.77988426 | 14.46 | 26.3178 | 5.96773148 | 13.9 | 21.6187 |
| 5.59203704 | 14.46 | 28.9786 | 5.78 | 14.46 | 26.563 | 5.96784722 | 13.89 | 21.3086 |
| 5.59215278 | 14.44 | 29.1156 | 5.78011574 | 14.44 | 26.2056 | 5.96796296 | 13.9 | 21.6356 |
| 5.59226852 | 14.44 | 29.084 | 5.78023148 | 14.44 | 26.9858 | 5.9680787 | 13.89 | 21.4902 |
| 5.59238426 | 14.46 | 29.0178 | 5.78034722 | 14.46 | 26.074 | 5.96819444 | 13.89 | 21.4258 |
| 5.5925 | 14.46 | 29.0533 | 5.78046296 | 14.44 | 26.1767 | 5.96831019 | 13.87 | 21.3545 |
| 5.59261574 | 14.44 | 29.0959 | 5.7805787 | 14.46 | 25.8816 | 5.96842593 | 13.9 | 21.6927 |
| 5.59273148 | 14.44 | 29.0761 | 5.78069444 | 14.46 | 26.1377 | 5.96854167 | 13.87 | 21.111 |
| 5.59284722 | 14.46 | 28.9982 | 5.78081019 | 14.46 | 23.857 | 5.96865741 | 13.83 | 20.0203 |
| 5.59296296 | 14.46 | 28.9903 | 5.78092593 | 14.46 | 25.8691 | 5.96877315 | 13.89 | 21.1927 |
| 5.5930787 | 14.46 | 29.006 | 5.78104167 | 14.47 | 23.4032 | 5.96888889 | 13.84 | 20.2332 |
| 5.59319444 | 14.44 | 29.0722 | 5.78115741 | 14.46 | 25.8192 | 5.96900463 | 13.87 | 21.3053 |
| 5.59331019 | 14.43 | 29.1271 | 5.78127315 | 14.47 | 22.9999 | 5.96912037 | 13.98 | 22.9894 |
| 5.59342593 | 14.46 | 29.0218 | 5.78138889 | 14.47 | 23.3349 | 5.96923611 | 13.93 | 21.5661 |
| 5.59354167 | 14.43 | 29.1429 | 5.78150463 | 14.47 | 22.7582 | 5.96935185 | 13.89 | 21.0143 |
| 5.59365741 | 14.43 | 29.2144 | 5.78162037 | 14.47 | 21.1263 | 5.96946759 | 13.98 | 22.5368 |
| 5.59377315 | 14.43 | 29.2263 | 5.78173611 | 14.47 | 22.1048 | 5.96958333 | 14 | 22.6949 |
| 5.59388889 | 14.43 | 29.2104 | 5.78185185 | 14.47 | 23.2546 | 5.96969907 | 14.03 | 23.4716 |
| 5.59400463 | 14.44 | 29.0919 | 5.78196759 | 14.47 | 25.005 | 5.96981482 | 13.96 | 22.152 |
| 5.59412037 | 14.44 | 29.1077 | 5.78208333 | 14.47 | 24.2868 | 5.96993056 | 13.93 | 21.383 |
| 5.59423611 | 14.44 | 29.1632 | 5.78219907 | 14.47 | 23.4159 | 5.9700463 | 13.9 | 21.877 |
| 5.59435185 | 14.44 | 29.088 | 5.78231482 | 14.47 | 23.6157 | 5.97016204 | 13.92 | 21.4423 |
| 5.59446759 | 14.49 | 28.5123 | 5.78243056 | 14.46 | 24.551 | 5.97027778 | 13.87 | 21.232 |
| 5.59458333 | 14.47 | 28.8812 | 5.7825463 | 14.46 | 25.9161 | 5.97039352 | 13.84 | 20.1782 |
| 5.59469907 | 14.46 | 28.8458 | 5.78266204 | 14.46 | 24.2219 | 5.97050926 | 13.96 | 22.5393 |
| 5.59481482 | 14.46 | 29.006 | 5.78277778 | 14.46 | 24.0998 | 5.970625 | 13.98 | 22.3085 |
| 5.59493056 | 14.49 | 28.3874 | 5.78289352 | 14.47 | 24.1207 | 5.97074074 | 13.96 | 22.4978 |
| 5.5950463 | 14.46 | 29.006 | 5.78300926 | 14.46 | 24.6241 | 5.97085648 | 14.05 | 23.1418 |
| 5.59516204 | 14.44 | 29.1592 | 5.783125 | 14.47 | 24.0157 | 5.97097222 | 13.98 | 22.1117 |
| 5.59527778 | 14.44 | 29.1156 | 5.78324074 | 14.46 | 26.2467 | 5.97108796 | 13.84 | 20.1472 |
| 5.59539352 | 14.47 | 28.6224 | 5.78335648 | 14.47 | 24.1152 | 5.9712037 | 14.02 | 23.4752 |
| 5.59550926 | 14.47 | 28.6646 | 5.78347222 | 14.46 | 24.0326 | 5.97131944 | 13.89 | 20.9273 |
| 5.595625 | 14.46 | 28.9512 | 5.78358796 | 14.47 | 24.3225 | 5.97143519 | 13.92 | 21.8614 |
| 5.59574074 | 14.44 | 29.0643 | 5.7837037 | 14.46 | 24.4171 | 5.97155093 | 13.93 | 22.0299 |
| 5.59585648 | 14.46 | 28.8848 | 5.78381944 | 14.46 | 25.957 | 5.97166667 | 13.95 | 21.8638 |
| 5.59597222 | 14.46 | 28.9199 | 5.78393519 | 14.44 | 25.7486 | 5.97178241 | 14.02 | 23.1036 |
| 5.59608796 | 14.46 | 28.9394 | 5.78405093 | 14.44 | 25.3586 | 5.97189815 | 13.96 | 22.311 |
| 5.5962037 | 14.46 | 29.0769 | 5.78416667 | 14.46 | 23.3636 | 5.97201389 | 13.98 | 22.4449 |
| 5.59631944 | 14.44 | 28.9778 | 5.78428241 | 14.46 | 25.3906 | 5.97212963 | 13.96 | 22.2077 |
| 5.59643519 | 14.44 | 28.9935 | 5.78439815 | 14.46 | 25.7508 | 5.97224537 | 13.9 | 21.6419 |
| 5.59655093 | 14.44 | 29.0801 | 5.78451389 | 14.46 | 25.4147 | 5.97236111 | 13.9 | 21.6081 |
| 5.59666667 | 14.44 | 29.0682 | 5.78462963 | 14.46 | 25.4873 | 5.97247685 | 13.87 | 21.3648 |
| 5.59678241 | 14.44 | 29.1077 | 5.78474537 | 14.46 | 26.1697 | 5.97259259 | 13.9 | 21.7289 |
| 5.59689815 | 14.43 | 29.1192 | 5.78486111 | 14.46 | 26.1953 | 5.97270833 | 13.93 | 21.9163 |
| 5.59701389 | 14.43 | 29.1033 | 5.78497685 | 14.46 | 25.6583 | 5.97282407 | 13.93 | 21.8406 |
| 5.59712963 | 14.44 | 29.1513 | 5.78509259 | 14.44 | 25.8106 | 5.97293982 | 13.93 | 21.9098 |
| 5.59724537 | 14.43 | 29.1548 | 5.78520833 | 14.46 | 25.1346 | 5.97305556 | 13.95 | 22.1288 |
| 5.59736111 | 14.43 | 29.1073 | 5.78532407 | 14.46 | 26.0201 | 5.9731713 | 13.93 | 21.9403 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59747685 | 14.43 | 29.135 | 5.78543982 | 14.44 | 25.4037 | 5.97328704 | 13.93 | 21.9817 |
| 5.59759259 | 14.43 | 29.131 | 5.78555556 | 14.44 | 24.6821 | 5.97340278 | 13.95 | 22.0207 |
| 5.59770833 | 14.44 | 29.1632 | 5.7856713 | 14.44 | 24.7817 | 5.97351852 | 13.95 | 22.1333 |
| 5.59782407 | 14.43 | 29.1152 | 5.78578704 | 14.46 | 24.7833 | 5.97363426 | 13.96 | 22.1164 |
| 5.59793982 | 14.44 | 28.9857 | 5.78590278 | 14.46 | 24.7233 | 5.97375 | 13.96 | 22.132 |
| 5.59805556 | 14.46 | 28.8965 | 5.78601852 | 14.46 | 24.7034 | 5.97386574 | 13.95 | 22.0559 |
| 5.5981713 | 14.46 | 28.8264 | 5.78613426 | 14.46 | 24.4783 | 5.97398148 | 13.93 | 21.9229 |
| 5.59828704 | 14.47 | 28.4473 | 5.78625 | 14.47 | 24.8027 | 5.97409722 | 13.92 | 21.857 |
| 5.59840278 | 14.46 | 28.6605 | 5.78636574 | 14.47 | 24.8084 | 5.97421296 | 13.9 | 21.8619 |
| 5.59851852 | 14.44 | 28.8219 | 5.78648148 | 14.46 | 24.8291 | 5.9743287 | 13.89 | 21.846 |
| 5.59863426 | 14.43 | 29.1112 | 5.78659722 | 14.46 | 24.6354 | 5.97444444 | 13.87 | 21.7864 |
| 5.59875 | 14.43 | 29.1945 | 5.78671296 | 14.46 | 24.8435 | 5.97456019 | 13.87 | 21.8401 |
| 5.59886574 | 14.43 | 29.2463 | 5.7868287 | 14.46 | 24.8493 | 5.97467593 | 13.93 | 23.1063 |
| 5.59898148 | 14.41 | 29.2893 | 5.78694444 | 14.46 | 24.8637 | 5.97479167 | 13.9 | 22.0844 |
| 5.59909722 | 14.43 | 29.1588 | 5.78706019 | 14.46 | 24.8867 | 5.97490741 | 13.89 | 21.9848 |
| 5.59921296 | 14.41 | 29.2893 | 5.78717593 | 14.46 | 24.8925 | 5.97502315 | 13.93 | 22.1447 |
| 5.5993287 | 14.41 | 29.2454 | 5.78729167 | 14.44 | 24.634 | 5.97513889 | 13.89 | 22.1167 |
| 5.59944444 | 14.41 | 29.2215 | 5.78740741 | 14.46 | 24.5314 | 5.97525463 | 13.92 | 22.2868 |
| 5.59956019 | 14.43 | 28.9461 | 5.78752315 | 14.46 | 24.6921 | 5.97537037 | 13.95 | 22.5013 |
| 5.59967593 | 14.43 | 28.9149 | 5.78763889 | 14.46 | 25.0494 | 5.97548611 | 13.89 | 22.0242 |
| 5.59979167 | 14.41 | 29.1144 | 5.78775463 | 14.44 | 24.6736 | 5.97560185 | 13.9 | 22.4502 |
| 5.59990741 | 14.41 | 29.1104 | 5.78787037 | 14.44 | 23.8112 | 5.97571759 | 13.95 | 22.7666 |
| 5.60002315 | 14.41 | 29.1144 | 5.78798611 | 14.43 | 23.1986 | 5.97583333 | 13.98 | 23.1397 |
| 5.60013889 | 14.43 | 29.1588 | 5.78810185 | 14.44 | 24.1853 | 5.97594907 | 14 | 23.1791 |
| 5.60025463 | 14.41 | 29.1897 | 5.78821759 | 14.44 | 24.0476 | 5.97606482 | 13.98 | 23.0618 |
| 5.60037037 | 14.41 | 29.2573 | 5.78833333 | 14.44 | 23.9727 | 5.97618056 | 13.96 | 22.9364 |
| 5.60048611 | 14.41 | 29.2454 | 5.78844907 | 14.44 | 24.7019 | 5.9762963 | 13.98 | 22.9773 |
| 5.60060185 | 14.41 | 29.2533 | 5.78856482 | 14.44 | 23.9914 | 5.97641204 | 13.96 | 22.6903 |
| 5.60071759 | 14.41 | 29.2533 | 5.78868056 | 14.43 | 23.4019 | 5.97652778 | 14.02 | 23.445 |
| 5.60083333 | 14.41 | 29.1936 | 5.7887963 | 14.46 | 24.6807 | 5.97664352 | 14.05 | 23.9539 |
| 5.60094907 | 14.43 | 29.1112 | 5.78891204 | 14.43 | 24.0458 | 5.97675926 | 13.99 | 22.969 |
| 5.60106482 | 14.43 | 29.0875 | 5.78902778 | 14.41 | 22.2089 | 5.976875 | 13.95 | 22.5937 |
| 5.60118056 | 14.43 | 29.0049 | 5.78914352 | 14.44 | 24.7503 | 5.97699074 | 14.02 | 23.7818 |
| 5.6012963 | 14.43 | 28.997 | 5.78925926 | 14.38 | 20.8987 | 5.97710648 | 13.99 | 22.957 |
| 5.60141204 | 14.44 | 28.9621 | 5.789375 | 14.37 | 19.845 | 5.97722222 | 13.96 | 22.6506 |
| 5.60152778 | 14.44 | 28.8763 | 5.78949074 | 14.4 | 23.1892 | 5.97733796 | 13.93 | 22.3555 |
| 5.60164352 | 14.44 | 28.9035 | 5.78960648 | 14.41 | 22.9233 | 5.9774537 | 13.96 | 22.6576 |
| 5.60175926 | 14.44 | 28.8646 | 5.78972222 | 14.38 | 22.6398 | 5.97756944 | 13.99 | 22.7855 |
| 5.601875 | 14.46 | 28.8497 | 5.78983796 | 14.41 | 23.7902 | 5.97768519 | 13.99 | 22.7525 |
| 5.60199074 | 14.44 | 28.818 | 5.7899537 | 14.41 | 23.8322 | 5.97780093 | 14 | 22.8555 |
| 5.60210648 | 14.43 | 28.8448 | 5.79006944 | 14.44 | 24.9719 | 5.97791667 | 14.03 | 22.9573 |
| 5.60222222 | 14.43 | 28.837 | 5.79018519 | 14.44 | 24.5272 | 5.97803241 | 14.02 | 22.7043 |
| 5.60233796 | 14.43 | 28.8876 | 5.79030093 | 14.44 | 24.7646 | 5.97814815 | 14.02 | 22.956 |
| 5.6024537 | 14.43 | 28.806 | 5.79041667 | 14.43 | 24.1698 | 5.97826389 | 14 | 22.9103 |
| 5.60256944 | 14.43 | 28.9266 | 5.79053241 | 14.43 | 24.5587 | 5.97837963 | 14 | 22.9727 |
| 5.60268519 | 14.43 | 28.9853 | 5.79064815 | 14.44 | 24.8419 | 5.97849537 | 14 | 22.9895 |
| 5.60280093 | 14.43 | 28.9305 | 5.79076389 | 14.44 | 24.9952 | 5.97861111 | 14.02 | 23.0744 |
| 5.60291667 | 14.44 | 28.8529 | 5.79087963 | 14.44 | 24.5692 | 5.97872685 | 14.03 | 23.1587 |
| 5.60303241 | 14.44 | 28.8879 | 5.79099537 | 14.46 | 25.0085 | 5.97884259 | 14.02 | 23.055 |
| 5.60314815 | 14.46 | 28.8342 | 5.79111111 | 14.44 | 24.862 | 5.97895833 | 14.03 | 23.144 |
| 5.60326389 | 14.46 | 28.7606 | 5.79122685 | 14.46 | 24.9823 | 5.97907407 | 14.02 | 23.0987 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60337963 | 14.46 | 28.7838 | 5.79134259 | 14.46 | 25.2619 | 5.97918982 | 14.02 | 23.1353 |
| 5.60349537 | 14.47 | 28.8074 | 5.79145833 | 14.46 | 25.2084 | 5.97930556 | 14.02 | 23.1744 |
| 5.60361111 | 14.46 | 28.7993 | 5.79157407 | 14.44 | 24.6594 | 5.9794213 | 14.09 | 24.4621 |
| 5.60372685 | 14.46 | 28.6912 | 5.79168982 | 14.46 | 25.0641 | 5.97953704 | 14.08 | 23.683 |
| 5.60384259 | 14.46 | 28.7567 | 5.79180556 | 14.46 | 25.1346 | 5.97965278 | 14.09 | 23.7751 |
| 5.60395833 | 14.47 | 28.5537 | 5.7919213 | 14.46 | 25.1316 | 5.97976852 | 14.14 | 24.5161 |
| 5.60407407 | 14.46 | 28.4055 | 5.79203704 | 14.46 | 25.0875 | 5.97988426 | 14.15 | 24.6913 |
| 5.60418982 | 14.44 | 28.7677 | 5.79215278 | 14.46 | 25.2708 | 5.98 | 14.14 | 24.1936 |
| 5.60430556 | 14.46 | 28.6068 | 5.79226852 | 14.46 | 25.0377 | 5.98011574 | 14.18 | 25.1134 |
| 5.6044213 | 14.46 | 28.6106 | 5.79238426 | 14.44 | 24.5356 | 5.98023148 | 14.21 | 25.2731 |
| 5.60453704 | 14.46 | 28.7297 | 5.7925 | 14.43 | 24.353 | 5.98034722 | 14.22 | 25.2164 |
| 5.60465278 | 14.46 | 28.7297 | 5.79261574 | 14.43 | 24.159 | 5.98046296 | 14.21 | 25.2406 |
| 5.60476852 | 14.44 | 28.8646 | 5.79273148 | 14.44 | 24.8764 | 5.9805787 | 14.21 | 25.1905 |
| 5.60488426 | 14.46 | 28.7645 | 5.79284722 | 14.4 | 22.0527 | 5.98069444 | 14.21 | 25.0503 |
| 5.605 | 14.46 | 28.7915 | 5.79296296 | 14.43 | 24.4888 | 5.98081019 | 14.17 | 24.5082 |
| 5.60511574 | 14.44 | 28.8374 | 5.7930787 | 14.43 | 24.8138 | 5.98092593 | 14.14 | 24.1694 |
| 5.60523148 | 14.46 | 28.6528 | 5.79319444 | 14.43 | 24.9609 | 5.98104167 | 14.12 | 23.7049 |
| 5.60534722 | 14.44 | 28.6906 | 5.79331019 | 14.41 | 23.9832 | 5.98115741 | 14.12 | 23.7308 |
| 5.60546296 | 14.46 | 28.5648 | 5.79342593 | 14.41 | 23.381 | 5.98127315 | 14.09 | 23.5873 |
| 5.6055787 | 14.44 | 28.7137 | 5.79354167 | 14.41 | 24.5882 | 5.98138889 | 14.11 | 23.6956 |
| 5.60569444 | 14.46 | 28.8109 | 5.79365741 | 14.43 | 24.9812 | 5.98150463 | 14.12 | 23.6998 |
| 5.60581019 | 14.44 | 28.8996 | 5.79377315 | 14.43 | 24.9001 | 5.98162037 | 14.12 | 23.9211 |
| 5.60592593 | 14.44 | 28.8724 | 5.79388889 | 14.4 | 23.3618 | 5.98173611 | 14.14 | 23.9009 |
| 5.60604167 | 14.44 | 28.8568 | 5.79400463 | 14.37 | 21.7078 | 5.98185185 | 14.14 | 23.8537 |
| 5.60615741 | 14.44 | 28.9309 | 5.79412037 | 14.38 | 23.036 | 5.98196759 | 14.14 | 24.0463 |
| 5.60627315 | 14.44 | 28.8763 | 5.79423611 | 14.38 | 22.7821 | 5.98208333 | 14.14 | 23.8668 |
| 5.60638889 | 14.46 | 28.7258 | 5.79435185 | 14.38 | 22.628 | 5.98219907 | 14.11 | 23.7317 |
| 5.60650463 | 14.46 | 28.7104 | 5.79446759 | 14.38 | 23.1614 | 5.98231482 | 14.11 | 23.7861 |
| 5.60662037 | 14.47 | 28.7919 | 5.79458333 | 14.37 | 22.8551 | 5.98243056 | 14.12 | 23.9264 |
| 5.60673611 | 14.44 | 28.8957 | 5.79469907 | 14.41 | 24.4902 | 5.9825463 | 14.14 | 23.98 |
| 5.60685185 | 14.46 | 28.749 | 5.79481482 | 14.4 | 23.6582 | 5.98266204 | 14.14 | 24.0197 |
| 5.60696759 | 14.47 | 28.68 | 5.79493056 | 14.38 | 22.4598 | 5.98277778 | 14.12 | 24.0428 |
| 5.60708333 | 14.47 | 28.6492 | 5.7950463 | 14.37 | 21.6755 | 5.98289352 | 14.14 | 24.1532 |
| 5.60719907 | 14.47 | 28.6646 | 5.79516204 | 14.35 | 21.6716 | 5.98300926 | 14.17 | 24.4695 |
| 5.60731482 | 14.46 | 28.7799 | 5.79527778 | 14.35 | 22.275 | 5.983125 | 14.15 | 24.394 |
| 5.60743056 | 14.46 | 28.7645 | 5.79539352 | 14.35 | 21.7665 | 5.98324074 | 14.15 | 24.3775 |
| 5.6075463 | 14.46 | 28.7606 | 5.79550926 | 14.38 | 22.3148 | 5.98335648 | 14.15 | 24.3556 |
| 5.60766204 | 14.46 | 28.7761 | 5.795625 | 14.38 | 22.5529 | 5.98347222 | 14.14 | 24.2666 |
| 5.60777778 | 14.46 | 28.5267 | 5.79574074 | 14.35 | 21.8689 | 5.98358796 | 14.15 | 24.5737 |
| 5.60789352 | 14.46 | 28.4395 | 5.79585648 | 14.37 | 22.0787 | 5.9837037 | 14.14 | 24.3455 |
| 5.60800926 | 14.47 | 28.2444 | 5.79597222 | 14.38 | 22.483 | 5.98381944 | 14.15 | 24.6044 |
| 5.608125 | 14.46 | 28.5496 | 5.79608796 | 14.4 | 23.2016 | 5.98393519 | 14.15 | 24.4242 |
| 5.60824074 | 14.46 | 28.561 | 5.7962037 | 14.41 | 23.1436 | 5.98405093 | 14.19 | 25.0429 |
| 5.60835648 | 14.46 | 28.6451 | 5.79631944 | 14.4 | 23.2864 | 5.98416667 | 14.18 | 24.977 |
| 5.60847222 | 14.44 | 28.5795 | 5.79643519 | 14.41 | 23.1907 | 5.98428241 | 14.18 | 25.0522 |
| 5.60858796 | 14.46 | 28.5001 | 5.79655093 | 14.41 | 23.2255 | 5.98439815 | 14.18 | 24.9741 |
| 5.6087037 | 14.44 | 28.7368 | 5.79666667 | 14.4 | 23.4962 | 5.98451389 | 14.15 | 24.3803 |
| 5.60881944 | 14.44 | 28.7793 | 5.79678241 | 14.41 | 23.3457 | 5.98462963 | 14.17 | 24.7859 |
| 5.60893519 | 14.46 | 28.5992 | 5.79689815 | 14.41 | 23.8691 | 5.98474537 | 14.19 | 25.4471 |
| 5.60905093 | 14.46 | 28.6106 | 5.79701389 | 14.41 | 23.8586 | 5.98486111 | 14.21 | 25.3742 |
| 5.60916667 | 14.44 | 28.5833 | 5.79712963 | 14.4 | 23.6427 | 5.98497685 | 14.21 | 25.428 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60928241 | 14.44 | 28.7329 | 5.79724537 | 14.4 | 24.232 | 5.98509259 | 14.21 | 25.458 |
| 5.60939815 | 14.46 | 28.722 | 5.79736111 | 14.41 | 23.8612 | 5.98520833 | 14.19 | 25.2596 |
| 5.60951389 | 14.44 | 28.7291 | 5.79747685 | 14.41 | 24.0367 | 5.98532407 | 14.19 | 25.23 |
| 5.60962963 | 14.44 | 28.7947 | 5.79759259 | 14.41 | 24.2557 | 5.98543982 | 14.19 | 25.3604 |
| 5.60974537 | 14.44 | 28.849 | 5.79770833 | 14.41 | 24.418 | 5.98555556 | 14.17 | 24.9431 |
| 5.60986111 | 14.44 | 28.8724 | 5.79782407 | 14.38 | 22.8541 | 5.9856713 | 14.17 | 24.7406 |
| 5.60997685 | 14.44 | 28.8568 | 5.79793982 | 14.38 | 23.2235 | 5.98578704 | 14.15 | 24.449 |
| 5.61009259 | 14.44 | 28.8685 | 5.79805556 | 14.41 | 24.2831 | 5.98590278 | 14.15 | 24.4297 |
| 5.61020833 | 14.44 | 28.9113 | 5.7981713 | 14.43 | 25.1805 | 5.98601852 | 14.14 | 24.5773 |
| 5.61032407 | 14.43 | 28.9657 | 5.79828704 | 14.41 | 24.185 | 5.98613426 | 14.15 | 24.5626 |
| 5.61043982 | 14.43 | 28.997 | 5.79840278 | 14.41 | 24.9072 | 5.98625 | 14.17 | 24.6029 |
| 5.61055556 | 14.43 | 28.9774 | 5.79851852 | 14.43 | 25.2606 | 5.98636574 | 14.17 | 24.6224 |
| 5.6106713 | 14.43 | 28.9344 | 5.79863426 | 14.43 | 25.4102 | 5.98648148 | 14.17 | 24.6589 |
| 5.61078704 | 14.43 | 28.9579 | 5.79875 | 14.44 | 25.464 | 5.98659722 | 14.17 | 24.511 |
| 5.61090278 | 14.43 | 28.9539 | 5.79886574 | 14.43 | 25.3561 | 5.98671296 | 14.17 | 24.6561 |
| 5.61101852 | 14.44 | 28.8413 | 5.79898148 | 14.43 | 24.9812 | 5.9868287 | 14.18 | 24.661 |
| 5.61113426 | 14.44 | 28.8918 | 5.79909722 | 14.41 | 24.8409 | 5.98694444 | 14.18 | 24.6835 |
| 5.61125 | 14.44 | 28.8802 | 5.79921296 | 14.4 | 23.9521 | 5.98706019 | 14.17 | 24.628 |
| 5.61136574 | 14.44 | 28.1732 | 5.7993287 | 14.4 | 23.9043 | 5.98717593 | 14.17 | 24.5889 |
| 5.61148148 | 14.46 | 27.4853 | 5.79944444 | 14.38 | 22.9144 | 5.98729167 | 14.15 | 24.4077 |
| 5.61159722 | 14.46 | 27.927 | 5.79956019 | 14.4 | 24.0993 | 5.98740741 | 14.15 | 24.383 |
| 5.61171296 | 14.46 | 28.3115 | 5.79967593 | 14.4 | 24.0912 | 5.98752315 | 14.17 | 24.511 |
| 5.6118287 | 14.44 | 28.7793 | 5.79979167 | 14.41 | 24.3407 | 5.98763889 | 14.14 | 24.3346 |
| 5.61194444 | 14.43 | 28.9461 | 5.79990741 | 14.4 | 23.0977 | 5.98775463 | 14.15 | 24.4242 |
| 5.61206019 | 14.44 | 28.5186 | 5.80002315 | 14.4 | 24.0294 | 5.98787037 | 14.14 | 24.3074 |
| 5.61217593 | 14.44 | 28.633 | 5.80013889 | 14.41 | 24.3848 | 5.98798611 | 14.12 | 24.2115 |
| 5.61229167 | 14.44 | 28.6791 | 5.80025463 | 14.4 | 24.0214 | 5.98810185 | 14.11 | 24.033 |
| 5.61240741 | 14.5 | 25.5218 | 5.80037037 | 14.4 | 24.0858 | 5.98821759 | 14.14 | 24.3619 |
| 5.61252315 | 14.51 | 26.5223 | 5.80048611 | 14.41 | 24.2694 | 5.98833333 | 14.14 | 24.414 |
| 5.61263889 | 14.56 | 24.1001 | 5.80060185 | 14.43 | 25.0746 | 5.98844907 | 14.14 | 24.4443 |
| 5.61275463 | 14.46 | 28.4357 | 5.80071759 | 14.41 | 24.8582 | 5.98856482 | 14.15 | 24.532 |
| 5.61287037 | 14.49 | 26.9307 | 5.80083333 | 14.41 | 25.4474 | 5.98868056 | 14.11 | 24.1989 |
| 5.61298611 | 14.47 | 27.7566 | 5.80094907 | 14.41 | 24.9708 | 5.9887963 | 14.12 | 24.3281 |
| 5.61310185 | 14.46 | 27.8942 | 5.80106482 | 14.41 | 25.1875 | 5.98891204 | 14.05 | 23.7815 |
| 5.61321759 | 14.47 | 26.9446 | 5.80118056 | 14.41 | 25.3272 | 5.98902778 | 14.09 | 24.171 |
| 5.61333333 | 14.46 | 28.2704 | 5.8012963 | 14.43 | 25.5069 | 5.98914352 | 14.12 | 24.6711 |
| 5.61344907 | 14.44 | 28.6944 | 5.80141204 | 14.41 | 25.3812 | 5.98925926 | 14.14 | 24.7541 |
| 5.61356482 | 14.43 | 28.8954 | 5.80152778 | 14.43 | 25.1953 | 5.989375 | 14.14 | 24.6471 |
| 5.61368056 | 14.43 | 28.872 | 5.80164352 | 14.44 | 25.5978 | 5.98949074 | 14.15 | 25.0629 |
| 5.6137963 | 14.43 | 28.9071 | 5.80175926 | 14.41 | 23.9859 | 5.98960648 | 14.15 | 24.91 |
| 5.61391204 | 14.43 | 28.9422 | 5.801875 | 14.41 | 24.3986 | 5.98972222 | 14.14 | 24.8507 |
| 5.61402778 | 14.43 | 28.9266 | 5.80199074 | 14.43 | 25.2784 | 5.98983796 | 14.17 | 25.2107 |
| 5.61414352 | 14.44 | 28.8529 | 5.80210648 | 14.41 | 24.6078 | 5.9899537 | 14.15 | 25.0137 |
| 5.61425926 | 14.43 | 28.9188 | 5.80222222 | 14.38 | 23.1416 | 5.99006944 | 14.15 | 24.91 |
| 5.614375 | 14.44 | 28.7406 | 5.80233796 | 14.41 | 24.1443 | 5.99018519 | 14.15 | 25.1416 |
| 5.61449074 | 14.44 | 27.2958 | 5.8024537 | 14.41 | 24.7181 | 5.99030093 | 14.18 | 25.3105 |
| 5.61460648 | 14.44 | 28.3561 | 5.80256944 | 14.41 | 23.7301 | 5.99041667 | 14.18 | 25.5622 |
| 5.61472222 | 14.5 | 26.1844 | 5.80268519 | 14.41 | 23.827 | 5.99053241 | 14.17 | 25.2313 |
| 5.61483796 | 14.49 | 26.2458 | 5.80280093 | 14.41 | 24.2913 | 5.99064815 | 14.15 | 25.2119 |
| 5.6149537 | 14.5 | 26.5555 | 5.80291667 | 14.43 | 25.4373 | 5.99076389 | 14.14 | 24.9912 |
| 5.61506944 | 14.67 | 15.6325 | 5.80303241 | 14.43 | 23.4832 | 5.99087963 | 14.14 | 24.7654 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61518519 | 14.56 | 24.2143 | 5.80314815 | 14.41 | 23.3633 | 5.99099537 | 14.14 | 24.4801 |
| 5.61530093 | 14.65 | 16.9886 | 5.80326389 | 14.41 | 24.0501 | 5.99111111 | 14.14 | 24.5912 |
| 5.61541667 | 14.46 | 27.9379 | 5.80337963 | 14.41 | 24.4208 | 5.99122685 | 14.12 | 24.3608 |
| 5.61553241 | 14.46 | 28.1772 | 5.80349537 | 14.4 | 23.2115 | 5.99134259 | 14.11 | 24.1183 |
| 5.61564815 | 14.51 | 25.7705 | 5.80361111 | 14.4 | 23.1693 | 5.99145833 | 14.12 | 24.2873 |
| 5.61576389 | 14.47 | 27.3516 | 5.80372685 | 14.43 | 25.4283 | 5.99157407 | 14.12 | 24.2412 |
| 5.61587963 | 14.5 | 25.5157 | 5.80384259 | 14.4 | 23.056 | 5.99168982 | 14.09 | 24.1227 |
| 5.61599537 | 14.63 | 18.8432 | 5.80395833 | 14.4 | 23.5834 | 5.99180556 | 14.09 | 24.1147 |
| 5.61611111 | 14.51 | 26.4369 | 5.80407407 | 14.41 | 24.8496 | 5.9919213 | 14.09 | 24.072 |
| 5.61622685 | 14.47 | 27.1949 | 5.80418982 | 14.4 | 23.8594 | 5.99203704 | 14.06 | 24.0987 |
| 5.61634259 | 14.46 | 27.6417 | 5.80430556 | 14.37 | 22.7928 | 5.99215278 | 14.09 | 24.2302 |
| 5.61645833 | 14.46 | 27.7457 | 5.8044213 | 14.35 | 22.2341 | 5.99226852 | 14.09 | 24.2438 |
| 5.61657407 | 14.44 | 28.5871 | 5.80453704 | 14.38 | 23.6782 | 5.99238426 | 14.11 | 24.2691 |
| 5.61668982 | 14.44 | 28.7484 | 5.80465278 | 14.4 | 24.0482 | 5.9925 | 14.08 | 24.0463 |
| 5.61680556 | 14.44 | 28.7252 | 5.80476852 | 14.4 | 23.653 | 5.99261574 | 13.99 | 23.1337 |
| 5.6169213 | 14.44 | 28.5072 | 5.80488426 | 14.4 | 25.2711 | 5.99273148 | 14.03 | 23.7938 |
| 5.61703704 | 14.44 | 28.7754 | 5.805 | 14.4 | 24.3994 | 5.99284722 | 14.05 | 23.9565 |
| 5.61715278 | 14.44 | 28.8957 | 5.80511574 | 14.38 | 24.0659 | 5.99296296 | 14.08 | 24.397 |
| 5.61726852 | 14.44 | 28.8802 | 5.80523148 | 14.4 | 24.1073 | 5.9930787 | 14.08 | 24.0676 |
| 5.61738426 | 14.44 | 28.8568 | 5.80534722 | 14.38 | 23.2061 | 5.99319444 | 13.98 | 23.0425 |
| 5.6175 | 14.44 | 28.8996 | 5.80546296 | 14.37 | 22.4656 | 5.99331019 | 14 | 23.3023 |
| 5.61761574 | 14.44 | 28.8685 | 5.8055787 | 14.37 | 22.4586 | 5.99342593 | 14.03 | 23.9137 |
| 5.61773148 | 14.44 | 28.8724 | 5.80569444 | 14.4 | 24.7843 | 5.99354167 | 14.06 | 24.2598 |
| 5.61784722 | 14.44 | 28.6829 | 5.80581019 | 14.41 | 25.4263 | 5.99365741 | 14.02 | 23.8624 |
| 5.61796296 | 14.44 | 28.3938 | 5.80592593 | 14.38 | 24.0767 | 5.99377315 | 14 | 23.5075 |
| 5.6180787 | 14.49 | 26.4702 | 5.80604167 | 14.43 | 25.1098 | 5.99388889 | 13.99 | 23.2465 |
| 5.61819444 | 14.63 | 19.195 | 5.80615741 | 14.44 | 25.0506 | 5.99400463 | 13.96 | 23.1175 |
| 5.61831019 | 14.59 | 21.9455 | 5.80627315 | 14.44 | 25.8324 | 5.99412037 | 13.96 | 23.0981 |
| 5.61842593 | 14.5 | 26.6983 | 5.80638889 | 14.44 | 25.6745 | 5.99423611 | 13.98 | 23.2797 |
| 5.61854167 | 14.49 | 26.6485 | 5.80650463 | 14.46 | 25.6644 | 5.99435185 | 13.96 | 23.1982 |
| 5.61865741 | 14.54 | 24.5483 | 5.80662037 | 14.43 | 25.5769 | 5.99446759 | 13.96 | 23.1982 |
| 5.61877315 | 14.51 | 26.2808 | 5.80673611 | 14.44 | 25.607 | 5.99458333 | 13.95 | 23.2805 |
| 5.61888889 | 14.49 | 26.3332 | 5.80685185 | 14.41 | 24.3572 | 5.99469907 | 13.98 | 23.2674 |
| 5.61900463 | 14.54 | 24.2295 | 5.80696759 | 14.43 | 24.5643 | 5.99481482 | 13.96 | 23.3339 |
| 5.61912037 | 14.51 | 25.5335 | 5.80708333 | 14.38 | 23.4548 | 5.99493056 | 13.95 | 23.0846 |
| 5.61923611 | 14.53 | 24.1458 | 5.80719907 | 14.41 | 23.9273 | 5.9950463 | 13.96 | 23.1639 |
| 5.61935185 | 14.49 | 27.2608 | 5.80731482 | 14.44 | 25.3556 | 5.99516204 | 13.96 | 23.159 |
| 5.61946759 | 14.49 | 26.9988 | 5.80743056 | 14.43 | 25.2279 | 5.99527778 | 13.96 | 23.1029 |
| 5.61958333 | 14.46 | 28.3791 | 5.8075463 | 14.4 | 24.0858 | 5.99539352 | 13.95 | 23.1454 |
| 5.61969907 | 14.44 | 28.6791 | 5.80766204 | 14.38 | 24.0552 | 5.99550926 | 13.93 | 23.1038 |
| 5.61981482 | 14.44 | 28.7793 | 5.80777778 | 14.31 | 21.8717 | 5.995625 | 13.95 | 23.0676 |
| 5.61993056 | 14.44 | 28.8452 | 5.80789352 | 14.3 | 21.897 | 5.99574074 | 13.93 | 23.0893 |
| 5.6200463 | 14.44 | 28.8957 | 5.80800926 | 14.31 | 22.3871 | 5.99585648 | 13.93 | 22.9902 |
| 5.62016204 | 14.43 | 28.9032 | 5.808125 | 14.28 | 21.6678 | 5.99597222 | 13.92 | 22.8909 |
| 5.62027778 | 14.44 | 28.8529 | 5.80824074 | 14.33 | 23.3459 | 5.99608796 | 13.93 | 23.0288 |
| 5.62039352 | 14.44 | 28.9113 | 5.80835648 | 14.38 | 25.0192 | 5.9962037 | 13.92 | 22.9219 |
| 5.62050926 | 14.46 | 28.8926 | 5.80847222 | 14.31 | 22.2956 | 5.99631944 | 13.83 | 22.0584 |
| 5.620625 | 14.46 | 28.8809 | 5.80858796 | 14.3 | 21.9014 | 5.99643519 | 13.87 | 22.4175 |
| 5.62074074 | 14.46 | 28.807 | 5.8087037 | 14.3 | 22.0738 | 5.99655093 | 13.87 | 22.6382 |
| 5.62085648 | 14.46 | 27.7566 | 5.80881944 | 14.31 | 22.2865 | 5.99666667 | 13.89 | 22.666 |
| 5.62097222 | 14.51 | 25.2891 | 5.80893519 | 14.3 | 21.775 | 5.99678241 | 13.86 | 22.4165 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62108796 | 14.49 | 27.2468 | 5.80905093 | 14.28 | 21.4181 | 5.99689815 | 13.86 | 22.6046 |
| 5.6212037 | 14.57 | 23.245 | 5.80916667 | 14.3 | 21.9058 | 5.99701389 | 13.84 | 22.3986 |
| 5.62131944 | 14.47 | 27.9893 | 5.80928241 | 14.28 | 21.7927 | 5.99712963 | 13.89 | 22.8209 |
| 5.62143519 | 14.51 | 25.0495 | 5.80939815 | 14.27 | 21.4174 | 5.99724537 | 13.84 | 22.2813 |
| 5.62155093 | 14.56 | 23.9924 | 5.80951389 | 14.3 | 21.7685 | 5.99736111 | 13.92 | 23.2566 |
| 5.62166667 | 14.6 | 21.7661 | 5.80962963 | 14.3 | 22.8386 | 5.99747685 | 13.96 | 23.3513 |
| 5.62178241 | 14.53 | 25.0074 | 5.80974537 | 14.34 | 23.6069 | 5.99759259 | 13.93 | 22.9951 |
| 5.62189815 | 14.56 | 23.4535 | 5.80986111 | 14.37 | 25.1456 | 5.99770833 | 13.95 | 23.2263 |
| 5.62201389 | 14.56 | 22.8909 | 5.80997685 | 14.37 | 24.755 | 5.99782407 | 14 | 24.0802 |
| 5.62212963 | 14.59 | 22.4294 | 5.81009259 | 14.37 | 24.4653 | 5.99793982 | 13.95 | 23.2484 |
| 5.62224537 | 14.5 | 27.1291 | 5.81020833 | 14.34 | 23.4434 | 5.99805556 | 13.98 | 23.4241 |
| 5.62236111 | 14.5 | 26.447 | 5.81032407 | 14.34 | 23.7415 | 5.9981713 | 13.99 | 23.7692 |
| 5.62247685 | 14.47 | 27.8834 | 5.81043982 | 14.38 | 24.9698 | 5.99828704 | 13.93 | 23.0167 |
| 5.62259259 | 14.46 | 28.3115 | 5.81055556 | 14.38 | 24.9582 | 5.99840278 | 13.89 | 22.722 |
| 5.62270833 | 14.46 | 28.7027 | 5.8106713 | 14.37 | 24.2834 | 5.99851852 | 13.98 | 23.9657 |
| 5.62282407 | 14.44 | 28.7522 | 5.81078704 | 14.35 | 24.2196 | 5.99863426 | 13.95 | 23.165 |
| 5.62293982 | 14.43 | 28.7403 | 5.81090278 | 14.4 | 25.1704 | 5.99875 | 13.92 | 23.1512 |
| 5.62305556 | 14.44 | 28.4051 | 5.81101852 | 14.4 | 25.1557 | 5.99886574 | 13.92 | 23.122 |
| 5.6231713 | 14.44 | 28.7175 | 5.81113426 | 14.35 | 23.806 | 5.99898148 | 13.95 | 23.165 |
| 5.62328704 | 14.43 | 28.7828 | 5.81125 | 14.35 | 24.0096 | 5.99909722 | 14 | 24.043 |
| 5.62340278 | 14.44 | 28.7175 | 5.81136574 | 14.38 | 25.1745 | 5.99921296 | 14.03 | 24.1147 |
| 5.62351852 | 14.43 | 28.7403 | 5.81148148 | 14.37 | 24.3163 | 5.9993287 | 14 | 24.0007 |
| 5.62363426 | 14.46 | 27.4606 | 5.81159722 | 14.34 | 23.2498 | 5.99944444 | 14.05 | 24.3912 |
| 5.62375 | 14.43 | 28.8798 | 5.81171296 | 14.37 | 24.3547 | 5.99956019 | 14.03 | 24.1334 |
| 5.62386574 | 14.44 | 28.2812 | 5.8118287 | 14.38 | 24.8228 | 5.99967593 | 14.02 | 23.9936 |
| 5.62398148 | 14.49 | 25.362 | 5.81194444 | 14.37 | 24.33 | 5.99979167 | 14 | 23.8538 |
| 5.62409722 | 14.49 | 26.1751 | 5.81206019 | 14.33 | 23.007 | 5.99990741 | 13.96 | 23.5825 |
| 5.62421296 | 14.47 | 25.4293 | 5.81217593 | 14.33 | 23.0045 | 6.00002315 | 13.95 | 23.5963 |
| 5.6243287 | 14.46 | 28.6758 | 5.81229167 | 14.33 | 22.7661 | 6.00013889 | 13.96 | 23.5116 |
| 5.62444444 | 14.51 | 24.849 | 5.81240741 | 14.31 | 22.7066 | 6.00025463 | 13.89 | 22.6637 |
| 5.62456019 | 14.49 | 27.1326 | 5.81252315 | 14.31 | 22.4956 | 6.00037037 | 13.87 | 22.5941 |
| 5.62467593 | 14.46 | 28.3228 | 5.81263889 | 14.34 | 23.553 | 6.00048611 | 13.9 | 23.0226 |
| 5.62479167 | 14.46 | 27.818 | 5.81275463 | 14.35 | 23.8796 | 6.00060185 | 13.89 | 22.8683 |
| 5.62490741 | 14.47 | 27.6417 | 5.81287037 | 14.33 | 22.6571 | 6.00071759 | 13.95 | 23.5253 |
| 5.62502315 | 14.47 | 27.5065 | 5.81298611 | 14.3 | 21.7772 | 6.00083333 | 13.98 | 23.7934 |
| 5.62513889 | 14.43 | 28.748 | 5.81310185 | 14.28 | 21.6957 | 6.00094907 | 14.02 | 24.1183 |
| 5.62525463 | 14.46 | 28.3603 | 5.81321759 | 14.28 | 21.4726 | 6.00106482 | 14.02 | 24.0783 |
| 5.62537037 | 14.44 | 28.5034 | 5.81333333 | 14.31 | 22.5445 | 6.00118056 | 13.93 | 23.1672 |
| 5.62548611 | 14.46 | 27.4747 | 5.81344907 | 14.33 | 22.135 | 6.0012963 | 13.87 | 22.8162 |
| 5.62560185 | 14.47 | 27.2296 | 5.81356482 | 14.3 | 21.9497 | 6.00141204 | 13.9 | 23.2761 |
| 5.62571759 | 14.46 | 28.4055 | 5.81368056 | 14.34 | 23.9784 | 6.00152778 | 13.9 | 23.1121 |
| 5.62583333 | 14.46 | 28.0626 | 5.8137963 | 14.34 | 23.1358 | 6.00164352 | 13.92 | 23.1415 |
| 5.62594907 | 14.44 | 28.2961 | 5.81391204 | 14.33 | 21.9835 | 6.00175926 | 13.92 | 23.2173 |
| 5.62606482 | 14.43 | 28.748 | 5.81402778 | 14.31 | 22.1374 | 6.001875 | 13.9 | 22.9601 |
| 5.62618056 | 14.46 | 26.8634 | 5.81414352 | 14.34 | 23.553 | 6.00199074 | 13.9 | 23.1121 |
| 5.6262963 | 14.43 | 28.806 | 5.81425926 | 14.34 | 23.0377 | 6.00210648 | 13.9 | 23.1803 |
| 5.62641204 | 14.41 | 28.9571 | 5.814375 | 14.33 | 23.5847 | 6.00222222 | 13.89 | 22.9996 |
| 5.62652778 | 14.43 | 28.5335 | 5.81449074 | 14.37 | 24.4016 | 6.00233796 | 13.9 | 22.9099 |
| 5.62664352 | 14.43 | 28.7983 | 5.81460648 | 14.37 | 24.4625 | 6.0024537 | 13.92 | 23.0565 |
| 5.62675926 | 14.41 | 28.8597 | 5.81472222 | 14.38 | 24.5819 | 6.00256944 | 13.89 | 22.9278 |
| 5.626875 | 14.41 | 28.4875 | 5.81483796 | 14.37 | 24.5238 | 6.00268519 | 13.9 | 23.1925 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62699074 | 14.43 | 28.4766 | 5.8149537 | 14.38 | 24.7258 | 6.00280093 | 13.93 | 23.2481 |
| 5.62710648 | 14.41 | 28.6974 | 5.81506944 | 14.37 | 24.1773 | 6.00291667 | 13.93 | 23.3919 |
| 5.62722222 | 14.43 | 28.2847 | 5.81518519 | 14.35 | 24.0122 | 6.00303241 | 13.92 | 23.3085 |
| 5.62733796 | 14.41 | 28.922 | 5.81530093 | 14.37 | 24.6332 | 6.00314815 | 13.92 | 23.2296 |
| 5.6274537 | 14.41 | 28.961 | 5.81541667 | 14.35 | 23.8559 | 6.00326389 | 13.9 | 23.0563 |
| 5.62756944 | 14.41 | 28.9337 | 5.81553241 | 14.37 | 24.2262 | 6.00337963 | 13.9 | 23.0878 |
| 5.62768519 | 14.41 | 28.8286 | 5.81564815 | 14.37 | 24.0293 | 6.00349537 | 13.89 | 22.9469 |
| 5.62780093 | 14.41 | 28.7513 | 5.81576389 | 14.37 | 23.6016 | 6.00361111 | 13.87 | 22.9015 |
| 5.62791667 | 14.41 | 28.9064 | 5.81587963 | 14.34 | 21.7895 | 6.00372685 | 13.87 | 22.9253 |
| 5.62803241 | 14.41 | 28.8054 | 5.81599537 | 14.33 | 21.4555 | 6.00384259 | 13.92 | 23.2001 |
| 5.62814815 | 14.43 | 28.564 | 5.81611111 | 14.34 | 22.7365 | 6.00395833 | 13.9 | 23.0999 |
| 5.62826389 | 14.41 | 28.8947 | 5.81622685 | 14.35 | 22.7093 | 6.00407407 | 13.83 | 22.0914 |
| 5.62837963 | 14.43 | 28.1582 | 5.81634259 | 14.35 | 23.7146 | 6.00418982 | 13.86 | 22.6626 |
| 5.62849537 | 14.41 | 28.8558 | 5.81645833 | 14.37 | 23.5144 | 6.00430556 | 13.86 | 22.6069 |
| 5.62861111 | 14.43 | 28.6366 | 5.81657407 | 14.33 | 21.9857 | 6.0044213 | 13.84 | 22.419 |
| 5.62872685 | 14.41 | 28.9298 | 5.81668982 | 14.33 | 21.5061 | 6.00453704 | 13.79 | 21.7845 |
| 5.62884259 | 14.41 | 28.6974 | 5.81680556 | 14.35 | 22.2341 | 6.00465278 | 13.84 | 22.8836 |
| 5.62895833 | 14.41 | 28.3705 | 5.8169213 | 14.33 | 21.5103 | 6.00476852 | 13.83 | 22.5047 |
| 5.62907407 | 14.41 | 28.7899 | 5.81703704 | 14.33 | 21.6892 | 6.00488426 | 13.8 | 22.3089 |
| 5.62918982 | 14.4 | 28.9333 | 5.81715278 | 14.33 | 21.2785 | 6.005 | 13.83 | 22.4362 |
| 5.62930556 | 14.4 | 28.836 | 5.81726852 | 14.33 | 21.7821 | 6.00511574 | 13.82 | 22.219 |
| 5.6294213 | 14.43 | 28.4501 | 5.81738426 | 14.31 | 21.2257 | 6.00523148 | 13.8 | 22.2194 |
| 5.62953704 | 14.41 | 28.3217 | 5.8175 | 14.31 | 21.148 | 6.00534722 | 13.79 | 21.9872 |
| 5.62965278 | 14.41 | 28.636 | 5.81761574 | 14.3 | 20.6333 | 6.00546296 | 13.79 | 22.0309 |
| 5.62976852 | 14.41 | 28.514 | 5.81773148 | 14.3 | 20.6527 | 6.0055787 | 13.83 | 22.5737 |
| 5.62988426 | 14.41 | 28.5254 | 5.81784722 | 14.3 | 20.3453 | 6.00569444 | 13.82 | 22.3989 |
| 5.63 | 14.41 | 28.5635 | 5.81796296 | 14.3 | 20.2592 | 6.00581019 | 13.82 | 22.568 |
| 5.63011574 | 14.4 | 28.8865 | 5.8180787 | 14.28 | 20.1547 | 6.00592593 | 13.84 | 22.6465 |
| 5.63023148 | 14.4 | 28.8982 | 5.81819444 | 14.28 | 20.5457 | 6.00604167 | 13.84 | 22.7187 |
| 5.63034722 | 14.41 | 28.5482 | 5.81831019 | 14.28 | 20.3521 | 6.00615741 | 13.9 | 23.0588 |
| 5.63046296 | 14.4 | 28.8865 | 5.81842593 | 14.28 | 20.2865 | 6.00627315 | 13.87 | 22.9039 |
| 5.6305787 | 14.4 | 28.9099 | 5.81854167 | 14.27 | 19.9845 | 6.00638889 | 13.89 | 23.0575 |
| 5.63069444 | 14.4 | 28.906 | 5.81865741 | 14.28 | 20.279 | 6.00650463 | 13.86 | 22.8599 |
| 5.63081019 | 14.4 | 28.9489 | 5.81877315 | 14.3 | 21.1758 | 6.00662037 | 14.02 | 24.4211 |
| 5.63092593 | 14.4 | 28.9529 | 5.81888889 | 14.3 | 21.1493 | 6.00673611 | 14.03 | 24.3793 |
| 5.63104167 | 14.4 | 28.9177 | 5.81900463 | 14.33 | 23.7789 | 6.00685185 | 13.9 | 22.8718 |
| 5.63115741 | 14.4 | 28.945 | 5.81912037 | 14.33 | 22.3549 | 6.00696759 | 13.9 | 22.9985 |
| 5.63127315 | 14.4 | 28.9411 | 5.81923611 | 14.33 | 22.7566 | 6.00708333 | 13.95 | 23.3847 |
| 5.63138889 | 14.4 | 28.9998 | 5.81935185 | 14.35 | 24.66 | 6.00719907 | 13.96 | 23.6872 |
| 5.63150463 | 14.4 | 29.0077 | 5.81946759 | 14.38 | 25.0396 | 6.00731482 | 14.05 | 24.3068 |
| 5.63162037 | 14.38 | 29.0069 | 5.81958333 | 14.37 | 24.9039 | 6.00743056 | 14 | 23.8982 |
| 5.63173611 | 14.4 | 29.0077 | 5.81969907 | 14.38 | 25.5003 | 6.0075463 | 14.02 | 24.137 |
| 5.63185185 | 14.4 | 28.9998 | 5.81981482 | 14.37 | 25.1987 | 6.00766204 | 13.86 | 22.4188 |
| 5.63196759 | 14.4 | 28.945 | 5.81993056 | 14.35 | 25.0065 | 6.00777778 | 13.92 | 23.105 |
| 5.63208333 | 14.4 | 28.9802 | 5.8200463 | 14.35 | 25.1851 | 6.00789352 | 13.93 | 23.4845 |
| 5.63219907 | 14.38 | 28.9991 | 5.82016204 | 14.35 | 25.1821 | 6.00800926 | 13.8 | 22.0186 |
| 5.63231482 | 14.4 | 28.9529 | 5.82027778 | 14.34 | 25.1739 | 6.008125 | 13.74 | 21.6557 |
| 5.63243056 | 14.4 | 28.9138 | 5.82039352 | 14.35 | 25.1792 | 6.00824074 | 13.8 | 22.4173 |
| 5.6325463 | 14.41 | 28.7822 | 5.82050926 | 14.34 | 24.6297 | 6.00835648 | 13.74 | 21.6768 |
| 5.63266204 | 14.4 | 28.8671 | 5.820625 | 14.34 | 25.1474 | 6.00847222 | 13.71 | 21.6284 |
| 5.63277778 | 14.41 | 28.8247 | 5.82074074 | 14.34 | 24.9405 | 6.00858796 | 13.73 | 21.6319 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63289352 | 14.43 | 28.7095 | 5.82085648 | 14.34 | 24.981 | 6.0087037 | 13.73 | 21.6508 |
| 5.63300926 | 14.43 | 28.6213 | 5.82097222 | 14.33 | 24.4877 | 6.00881944 | 13.73 | 21.6951 |
| 5.633125 | 14.41 | 28.7012 | 5.82108796 | 14.34 | 24.3598 | 6.00893519 | 13.71 | 21.7191 |
| 5.63324074 | 14.43 | 28.6404 | 5.8212037 | 14.33 | 23.8025 | 6.00905093 | 13.71 | 21.7403 |
| 5.63335648 | 14.43 | 28.6136 | 5.82131944 | 14.31 | 23.492 | 6.00916667 | 13.73 | 21.7566 |
| 5.63347222 | 14.43 | 28.6404 | 5.82143519 | 14.31 | 23.669 | 6.00928241 | 13.74 | 21.8599 |
| 5.63358796 | 14.43 | 28.7095 | 5.82155093 | 14.3 | 22.5947 | 6.00939815 | 13.79 | 22.5418 |
| 5.6337037 | 14.44 | 28.3299 | 5.82166667 | 14.28 | 22.1657 | 6.00951389 | 13.84 | 22.782 |
| 5.63381944 | 14.41 | 28.6552 | 5.82178241 | 14.25 | 20.0657 | 6.00962963 | 13.84 | 22.6744 |
| 5.63393519 | 14.41 | 28.7127 | 5.82189815 | 14.24 | 18.8676 | 6.00974537 | 13.82 | 22.417 |
| 5.63405093 | 14.41 | 28.7628 | 5.82201389 | 14.22 | 18.525 | 6.00986111 | 13.79 | 22.2475 |
| 5.63416667 | 14.43 | 28.5602 | 5.82212963 | 14.25 | 19.064 | 6.00997685 | 13.84 | 22.782 |
| 5.63428241 | 14.41 | 28.6935 | 5.82224537 | 14.22 | 18.21 | 6.01009259 | 13.86 | 22.9791 |
| 5.63439815 | 14.43 | 28.7172 | 5.82236111 | 14.22 | 18.2481 | 6.01020833 | 13.89 | 23.179 |
| 5.63451389 | 14.43 | 28.6519 | 5.82247685 | 14.21 | 17.919 | 6.01032407 | 13.92 | 23.4881 |
| 5.63462963 | 14.41 | 28.759 | 5.82259259 | 14.22 | 20.3497 | 6.01043982 | 13.98 | 23.7857 |
| 5.63474537 | 14.4 | 28.7625 | 5.82270833 | 14.21 | 17.9517 | 6.01055556 | 13.96 | 23.7051 |
| 5.63486111 | 14.41 | 28.6475 | 5.82282407 | 14.24 | 19.7598 | 6.0106713 | 13.96 | 23.6207 |
| 5.63497685 | 14.41 | 28.6743 | 5.82293982 | 14.21 | 18.7821 | 6.01078704 | 13.98 | 23.7289 |
| 5.63509259 | 14.41 | 28.7667 | 5.82305556 | 14.21 | 18.5455 | 6.01090278 | 13.99 | 23.8184 |
| 5.63520833 | 14.4 | 28.8749 | 5.8231713 | 14.21 | 18.5376 | 6.01101852 | 13.98 | 23.7109 |
| 5.63532407 | 14.4 | 28.8554 | 5.82328704 | 14.24 | 20.313 | 6.01113426 | 13.96 | 23.6258 |
| 5.63543982 | 14.4 | 28.8671 | 5.82340278 | 14.27 | 21.5838 | 6.01125 | 13.99 | 23.808 |
| 5.63555556 | 14.4 | 28.8593 | 5.82351852 | 14.3 | 24.2263 | 6.01136574 | 13.99 | 23.7433 |
| 5.6356713 | 14.4 | 28.8516 | 5.82363426 | 14.33 | 25.0368 | 6.01148148 | 13.99 | 23.7614 |
| 5.63578704 | 14.41 | 28.8558 | 5.82375 | 14.31 | 24.0878 | 6.01159722 | 14 | 23.8382 |
| 5.63590278 | 14.4 | 28.8399 | 5.82386574 | 14.31 | 25.0264 | 6.01171296 | 14 | 23.8226 |
| 5.63601852 | 14.41 | 28.7127 | 5.82398148 | 14.34 | 25.3729 | 6.0118287 | 13.99 | 23.7382 |
| 5.63613426 | 14.41 | 28.7204 | 5.82409722 | 14.35 | 25.4988 | 6.01194444 | 14 | 23.8721 |
| 5.63625 | 14.43 | 28.5754 | 5.82421296 | 14.34 | 25.165 | 6.01206019 | 13.99 | 23.7795 |
| 5.63636574 | 14.43 | 28.6672 | 5.8243287 | 14.35 | 25.7309 | 6.01217593 | 13.95 | 23.3549 |
| 5.63648148 | 14.44 | 28.6254 | 5.82444444 | 14.35 | 25.5777 | 6.01229167 | 13.96 | 23.4588 |
| 5.63659722 | 14.44 | 28.6215 | 5.82456019 | 14.34 | 24.5847 | 6.01240741 | 13.95 | 23.4122 |
| 5.63671296 | 14.46 | 28.5572 | 5.82467593 | 14.3 | 23.4675 | 6.01252315 | 13.93 | 23.4243 |
| 5.6368287 | 14.47 | 27.6417 | 5.82479167 | 14.31 | 24.5841 | 6.01263889 | 13.9 | 23.0588 |
| 5.63694444 | 14.46 | 28.5419 | 5.82490741 | 14.24 | 19.8487 | 6.01275463 | 13.89 | 22.9254 |
| 5.63706019 | 14.47 | 28.5422 | 5.82502315 | 14.28 | 22.5595 | 6.01287037 | 13.82 | 22.1945 |
| 5.63717593 | 14.46 | 28.2256 | 5.82513889 | 14.31 | 24.6177 | 6.01298611 | 13.8 | 22.4696 |
| 5.63729167 | 14.47 | 27.7206 | 5.82525463 | 14.3 | 23.2464 | 6.01310185 | 13.76 | 22.0262 |
| 5.63740741 | 14.46 | 28.4774 | 5.82537037 | 14.28 | 22.7621 | 6.01321759 | 13.8 | 22.1174 |
| 5.63752315 | 14.46 | 28.4925 | 5.82548611 | 14.3 | 22.9567 | 6.01333333 | 13.79 | 22.0462 |
| 5.63763889 | 14.44 | 28.5338 | 5.82560185 | 14.21 | 17.4665 | 6.01344907 | 13.74 | 21.8192 |
| 5.63775463 | 14.44 | 28.5376 | 5.82571759 | 14.18 | 17.0539 | 6.01356482 | 13.79 | 22.362 |
| 5.63787037 | 14.44 | 28.4807 | 5.82583333 | 14.17 | 16.591 | 6.01368056 | 13.84 | 22.6442 |
| 5.63798611 | 14.46 | 28.4774 | 5.82594907 | 14.18 | 17.0607 | 6.0137963 | 13.79 | 22.132 |
| 5.63810185 | 14.44 | 28.3975 | 5.82606482 | 14.17 | 16.5067 | 6.01391204 | 13.77 | 21.9899 |
| 5.63821759 | 14.44 | 28.4013 | 5.82618056 | 14.15 | 16.3144 | 6.01402778 | 13.83 | 22.7433 |
| 5.63833333 | 14.46 | 28.3153 | 5.8262963 | 14.17 | 16.1978 | 6.01414352 | 13.87 | 22.9827 |
| 5.63844907 | 14.46 | 28.3115 | 5.82641204 | 14.17 | 16.4883 | 6.01425926 | 13.79 | 22.3102 |
| 5.63856482 | 14.46 | 28.3491 | 5.82652778 | 14.17 | 16.6719 | 6.014375 | 13.77 | 22.062 |
| 5.63868056 | 14.44 | 28.5452 | 5.82664352 | 14.14 | 16.0978 | 6.01449074 | 13.82 | 22.6908 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6387963 | 14.44 | 28.3825 | 5.82675926 | 14.14 | 16.2979 | 6.01460648 | 13.89 | 23.2353 |
| 5.63891204 | 14.46 | 28.4131 | 5.826875 | 14.17 | 16.4608 | 6.01472222 | 13.83 | 23.1686 |
| 5.63902778 | 14.46 | 28.4282 | 5.82699074 | 14.15 | 16.192 | 6.01483796 | 13.87 | 23.0622 |
| 5.63914352 | 14.44 | 28.4844 | 5.82710648 | 14.14 | 16.7075 | 6.0149537 | 13.95 | 23.8379 |
| 5.63925926 | 14.44 | 28.4882 | 5.82722222 | 14.17 | 17.9242 | 6.01506944 | 13.99 | 23.9595 |
| 5.639375 | 14.44 | 28.5186 | 5.82733796 | 14.18 | 17.4487 | 6.01518519 | 14 | 23.9954 |
| 5.63949074 | 14.44 | 28.4807 | 5.8274537 | 14.21 | 19.5908 | 6.01530093 | 14 | 24.1281 |
| 5.63960648 | 14.46 | 28.2442 | 5.82756944 | 14.25 | 22.7014 | 6.01541667 | 14 | 24.0324 |
| 5.63972222 | 14.46 | 28.0038 | 5.82768519 | 14.24 | 21.9111 | 6.01553241 | 13.99 | 23.7485 |
| 5.63983796 | 14.46 | 27.9197 | 5.82780093 | 14.28 | 23.8384 | 6.01564815 | 13.99 | 23.8913 |
| 5.6399537 | 14.44 | 28.1029 | 5.82791667 | 14.25 | 22.6967 | 6.01576389 | 13.99 | 23.9437 |
| 5.64006944 | 14.44 | 28.0992 | 5.82803241 | 14.31 | 24.3484 | 6.01587963 | 13.98 | 23.8506 |
| 5.64018519 | 14.44 | 28.125 | 5.82814815 | 14.34 | 25.7963 | 6.01599537 | 13.99 | 23.9018 |
| 5.64030093 | 14.44 | 28.1584 | 5.82826389 | 14.34 | 25.6393 | 6.01611111 | 13.99 | 23.808 |
| 5.64041667 | 14.46 | 28.2442 | 5.82837963 | 14.28 | 23.5127 | 6.01622685 | 13.95 | 23.6039 |
| 5.64053241 | 14.46 | 28.398 | 5.82849537 | 14.33 | 25.4938 | 6.01634259 | 13.95 | 23.5836 |
| 5.64064815 | 14.46 | 28.4433 | 5.82861111 | 14.25 | 21.31 | 6.01645833 | 13.8 | 22.2797 |
| 5.64076389 | 14.46 | 28.2891 | 5.82872685 | 14.3 | 23.8813 | 6.01657407 | 13.77 | 22.0489 |
| 5.64087963 | 14.44 | 28.2476 | 5.82884259 | 14.27 | 22.2776 | 6.01668982 | 13.76 | 21.9327 |
| 5.64099537 | 14.46 | 28.2629 | 5.82895833 | 14.25 | 22.3027 | 6.01680556 | 13.74 | 21.9723 |
| 5.64111111 | 14.44 | 28.1324 | 5.82907407 | 14.27 | 21.3611 | 6.0169213 | 13.73 | 21.9087 |
| 5.64122685 | 14.46 | 28.1847 | 5.82918982 | 14.25 | 21.6503 | 6.01703704 | 13.74 | 21.8406 |
| 5.64134259 | 14.49 | 26.6784 | 5.82930556 | 14.22 | 21.0934 | 6.01715278 | 13.73 | 21.8463 |
| 5.64145833 | 14.47 | 27.9746 | 5.8294213 | 14.25 | 21.7814 | 6.01726852 | 13.73 | 21.8398 |
| 5.64157407 | 14.46 | 28.1032 | 5.82953704 | 14.24 | 21.0523 | 6.01738426 | 13.71 | 21.7998 |
| 5.64168982 | 14.46 | 28.081 | 5.82965278 | 14.24 | 20.8648 | 6.0175 | 13.73 | 21.7949 |
| 5.64180556 | 14.47 | 27.4007 | 5.82976852 | 14.22 | 19.558 | 6.01761574 | 13.71 | 21.7658 |
| 5.6419213 | 14.46 | 27.9708 | 5.82988426 | 14.22 | 20.032 | 6.01773148 | 13.73 | 21.978 |
| 5.64203704 | 14.49 | 27.3691 | 5.83 | 14.19 | 17.7899 | 6.01784722 | 13.73 | 22.0608 |
| 5.64215278 | 14.5 | 25.6196 | 5.83011574 | 14.18 | 18.0057 | 6.01796296 | 13.73 | 21.7438 |
| 5.64226852 | 14.49 | 26.5359 | 5.83023148 | 14.17 | 16.6772 | 6.0180787 | 13.71 | 21.7275 |
| 5.64238426 | 14.54 | 24.1071 | 5.83034722 | 14.21 | 18.6306 | 6.01819444 | 13.76 | 22.4224 |
| 5.6425 | 14.53 | 25.2582 | 5.83046296 | 14.12 | 14.7764 | 6.01831019 | 13.7 | 21.5921 |
| 5.64261574 | 14.53 | 25.2314 | 5.8305787 | 14.15 | 15.3463 | 6.01842593 | 13.68 | 21.6222 |
| 5.64273148 | 14.53 | 24.3153 | 5.83069444 | 14.12 | 14.9165 | 6.01854167 | 13.67 | 21.6089 |
| 5.64284722 | 14.51 | 25.367 | 5.83081019 | 14.14 | 15.1431 | 6.01865741 | 13.77 | 22.0818 |
| 5.64296296 | 14.47 | 27.45 | 5.83092593 | 14.09 | 14.2247 | 6.01877315 | 13.79 | 22.4755 |
| 5.6430787 | 14.5 | 25.8519 | 5.83104167 | 14.09 | 15.5666 | 6.01888889 | 13.84 | 23.0367 |
| 5.64319444 | 14.49 | 27.2921 | 5.83115741 | 14.11 | 15.4071 | 6.01900463 | 13.95 | 23.8665 |
| 5.64331019 | 14.46 | 28.2778 | 5.83127315 | 14.08 | 14.201 | 6.01912037 | 13.9 | 23.3205 |
| 5.64342593 | 14.44 | 28.3336 | 5.83138889 | 14.06 | 14.148 | 6.01923611 | 13.84 | 22.7538 |
| 5.64354167 | 14.46 | 28.0442 | 5.83150463 | 14.14 | 17.8848 | 6.01935185 | 13.83 | 22.7012 |
| 5.64365741 | 14.46 | 28.207 | 5.83162037 | 14.18 | 18.5425 | 6.01946759 | 13.86 | 23.102 |
| 5.64377315 | 14.46 | 27.6203 | 5.83173611 | 14.14 | 16.0215 | 6.01958333 | 13.83 | 22.7106 |
| 5.64388889 | 14.53 | 23.3116 | 5.83185185 | 14.19 | 20.8207 | 6.01969907 | 13.83 | 22.6896 |
| 5.64400463 | 14.56 | 23.0497 | 5.83196759 | 14.21 | 20.0408 | 6.01981482 | 13.87 | 22.9492 |
| 5.64412037 | 14.47 | 27.971 | 5.83208333 | 14.22 | 20.3141 | 6.01993056 | 13.92 | 23.4479 |
| 5.64423611 | 14.47 | 28.2407 | 5.83219907 | 14.22 | 20.6468 | 6.0200463 | 13.95 | 23.6882 |
| 5.64435185 | 14.47 | 28.107 | 5.83231482 | 14.24 | 20.4051 | 6.02016204 | 13.96 | 23.5978 |
| 5.64446759 | 14.47 | 28.1366 | 5.83243056 | 14.22 | 19.8482 | 6.02027778 | 13.95 | 23.5531 |
| 5.64458333 | 14.47 | 27.847 | 5.8325463 | 14.25 | 22.5653 | 6.02039352 | 13.98 | 23.6136 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64469907 | 14.5 | 27.2155 | 5.83266204 | 14.22 | 19.551 | 6.02050926 | 13.99 | 23.8992 |
| 5.64481482 | 14.54 | 24.3726 | 5.83277778 | 14.31 | 25.4797 | 6.020625 | 13.98 | 23.5932 |
| 5.64493056 | 14.59 | 22.4713 | 5.83289352 | 14.27 | 22.8395 | 6.02074074 | 13.99 | 23.6611 |
| 5.6450463 | 14.59 | 23.3642 | 5.83300926 | 14.25 | 20.3415 | 6.02085648 | 13.99 | 23.6662 |
| 5.64516204 | 14.51 | 27.0843 | 5.833125 | 14.33 | 26.325 | 6.02097222 | 14 | 23.7708 |
| 5.64527778 | 14.53 | 25.8601 | 5.83324074 | 14.31 | 25.966 | 6.02108796 | 13.99 | 23.7976 |
| 5.64539352 | 14.51 | 26.3424 | 5.83335648 | 14.33 | 25.8651 | 6.0212037 | 14 | 23.7269 |
| 5.64550926 | 14.57 | 23.3965 | 5.83347222 | 14.22 | 20.7439 | 6.02131944 | 14 | 23.6014 |
| 5.645625 | 14.57 | 22.9825 | 5.83358796 | 14.3 | 25.432 | 6.02143519 | 13.98 | 23.3965 |
| 5.64574074 | 14.51 | 26.4664 | 5.8337037 | 14.3 | 24.6974 | 6.02155093 | 13.98 | 23.302 |
| 5.64585648 | 14.49 | 27.5172 | 5.83381944 | 14.24 | 23.2376 | 6.02166667 | 13.93 | 23.0796 |
| 5.64597222 | 14.49 | 27.7315 | 5.83393519 | 14.25 | 23.0837 | 6.02178241 | 13.96 | 23.3041 |
| 5.64608796 | 14.57 | 23.7136 | 5.83405093 | 14.24 | 22.8932 | 6.02189815 | 13.98 | 23.2995 |
| 5.6462037 | 14.57 | 23.0932 | 5.83416667 | 14.25 | 23.3313 | 6.02201389 | 14 | 23.8356 |
| 5.64631944 | 14.59 | 22.917 | 5.83428241 | 14.21 | 20.873 | 6.02212963 | 13.99 | 23.5414 |
| 5.64643519 | 14.59 | 22.9487 | 5.83439815 | 14.22 | 21.1258 | 6.02224537 | 13.92 | 22.7584 |
| 5.64655093 | 14.59 | 22.7336 | 5.83451389 | 14.22 | 21.3347 | 6.02236111 | 13.9 | 23.217 |
| 5.64666667 | 14.59 | 22.6621 | 5.83462963 | 14.22 | 22.0237 | 6.02247685 | 13.86 | 22.7374 |
| 5.64678241 | 14.6 | 22.7278 | 5.83474537 | 14.22 | 21.397 | 6.02259259 | 13.93 | 23.3669 |
| 5.64689815 | 14.54 | 25.9005 | 5.83486111 | 14.22 | 21.4429 | 6.02270833 | 13.9 | 22.9242 |
| 5.64701389 | 14.5 | 26.9987 | 5.83497685 | 14.21 | 21.2188 | 6.02282407 | 13.95 | 23.3822 |
| 5.64712963 | 14.53 | 25.8601 | 5.83509259 | 14.21 | 20.8237 | 6.02293982 | 13.96 | 23.3987 |
| 5.64724537 | 14.56 | 23.9737 | 5.83520833 | 14.17 | 18.2885 | 6.02305556 | 13.96 | 23.736 |
| 5.64736111 | 14.59 | 23.0616 | 5.83532407 | 14.11 | 15.9618 | 6.0231713 | 13.83 | 22.5139 |
| 5.64747685 | 14.57 | 23.3534 | 5.83543982 | 14.12 | 16.3932 | 6.02328704 | 13.84 | 22.9122 |
| 5.64759259 | 14.49 | 27.5491 | 5.83555556 | 14.17 | 18.2701 | 6.02340278 | 13.93 | 23.4921 |
| 5.64770833 | 14.47 | 28.0113 | 5.8356713 | 14.19 | 18.8692 | 6.02351852 | 13.96 | 23.6744 |
| 5.64782407 | 14.49 | 26.6918 | 5.83578704 | 14.17 | 17.4546 | 6.02363426 | 13.96 | 23.3414 |
| 5.64793982 | 14.51 | 26.7215 | 5.83590278 | 14.19 | 19.4198 | 6.02375 | 13.92 | 23.1683 |
| 5.64805556 | 14.46 | 28.2816 | 5.83601852 | 14.17 | 18.4598 | 6.02386574 | 14.02 | 24.129 |
| 5.6481713 | 14.44 | 28.2961 | 5.83613426 | 14.17 | 17.7363 | 6.02398148 | 13.93 | 23.0215 |
| 5.64828704 | 14.44 | 28.706 | 5.83625 | 14.18 | 17.547 | 6.02409722 | 13.95 | 23.4799 |
| 5.64840278 | 14.44 | 28.6445 | 5.83636574 | 14.14 | 15.6192 | 6.02421296 | 13.93 | 23.1696 |
| 5.64851852 | 14.51 | 25.2206 | 5.83648148 | 14.14 | 18.2461 | 6.0243287 | 13.89 | 23.1132 |
| 5.64863426 | 14.5 | 26.3426 | 5.83659722 | 14.17 | 18.1455 | 6.02444444 | 13.83 | 22.4613 |
| 5.64875 | 14.5 | 26.5985 | 5.83671296 | 14.19 | 19.3874 | 6.02456019 | 13.89 | 22.966 |
| 5.64886574 | 14.5 | 26.635 | 5.8368287 | 14.14 | 15.5294 | 6.02467593 | 13.98 | 24.0528 |
| 5.64898148 | 14.5 | 26.968 | 5.83694444 | 14.22 | 21.9093 | 6.02479167 | 14 | 23.893 |
| 5.64909722 | 14.49 | 27.2782 | 5.83706019 | 14.19 | 19.6445 | 6.02490741 | 13.98 | 23.8142 |
| 5.64921296 | 14.5 | 27.2433 | 5.83717593 | 14.19 | 20.6049 | 6.02502315 | 14.03 | 24.2543 |
| 5.6493287 | 14.5 | 27.1705 | 5.83729167 | 14.21 | 19.9502 | 6.02513889 | 14.03 | 24.2868 |
| 5.64944444 | 14.51 | 26.9407 | 5.83740741 | 14.22 | 21.0853 | 6.02525463 | 14.02 | 23.9619 |
| 5.64956019 | 14.5 | 27.1774 | 5.83752315 | 14.19 | 19.9461 | 6.02537037 | 13.99 | 23.8966 |
| 5.64967593 | 14.5 | 26.951 | 5.83763889 | 14.19 | 19.7076 | 6.02548611 | 13.98 | 23.6085 |
| 5.64979167 | 14.5 | 27.0878 | 5.83775463 | 14.19 | 19.7076 | 6.02560185 | 13.95 | 23.1723 |
| 5.64990741 | 14.5 | 27.369 | 5.83787037 | 14.19 | 19.7111 | 6.02571759 | 13.96 | 23.4087 |
| 5.65002315 | 14.49 | 27.4924 | 5.83798611 | 14.18 | 19.5487 | 6.02583333 | 13.98 | 23.5932 |
| 5.65013889 | 14.5 | 26.3264 | 5.83810185 | 14.19 | 20.2033 | 6.02594907 | 13.98 | 23.5045 |
| 5.65025463 | 14.51 | 26.3034 | 5.83821759 | 14.21 | 20.9205 | 6.02606482 | 13.96 | 23.4137 |
| 5.65037037 | 14.5 | 26.4143 | 5.83833333 | 14.18 | 20.0417 | 6.02618056 | 13.96 | 23.4764 |
| 5.65048611 | 14.51 | 25.7829 | 5.83844907 | 14.21 | 20.9923 | 6.0262963 | 13.96 | 23.5724 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65060185 | 14.51 | 26.4108 | 5.83856482 | 14.19 | 20.4825 | 6.02641204 | 13.96 | 23.6846 |
| 5.65071759 | 14.51 | 26.1681 | 5.83868056 | 14.19 | 21.1604 | 6.02652778 | 13.95 | 23.1845 |
| 5.65083333 | 14.51 | 24.9794 | 5.8387963 | 14.22 | 23.0308 | 6.02664352 | 13.9 | 22.8055 |
| 5.65094907 | 14.51 | 25.9867 | 5.83891204 | 14.19 | 21.195 | 6.02675926 | 13.9 | 22.7772 |
| 5.65106482 | 14.5 | 26.8561 | 5.83902778 | 14.21 | 20.5119 | 6.026875 | 13.92 | 23.1293 |
| 5.65118056 | 14.51 | 26.7115 | 5.83914352 | 14.19 | 19.8994 | 6.02699074 | 13.86 | 22.5977 |
| 5.6512963 | 14.5 | 26.5588 | 5.83925926 | 14.24 | 22.4828 | 6.02710648 | 13.86 | 22.9647 |
| 5.65141204 | 14.5 | 26.4831 | 5.839375 | 14.19 | 19.5974 | 6.02722222 | 13.89 | 23.0044 |
| 5.65152778 | 14.54 | 24.741 | 5.83949074 | 14.21 | 21.9105 | 6.02733796 | 13.8 | 22.1816 |
| 5.65164352 | 14.51 | 26.1906 | 5.83960648 | 14.19 | 21.0231 | 6.0274537 | 13.76 | 22.0546 |
| 5.65175926 | 14.54 | 25.3475 | 5.83972222 | 14.18 | 18.2975 | 6.02756944 | 13.8 | 22.3381 |
| 5.651875 | 14.5 | 26.8798 | 5.83983796 | 14.21 | 22.1743 | 6.02768519 | 13.82 | 22.3627 |
| 5.65199074 | 14.5 | 26.8798 | 5.8399537 | 14.19 | 21.3512 | 6.02780093 | 13.8 | 22.3336 |
| 5.65210648 | 14.5 | 26.7016 | 5.84006944 | 14.18 | 19.8117 | 6.02791667 | 13.79 | 22.4367 |
| 5.65222222 | 14.49 | 27.2191 | 5.84018519 | 14.18 | 20.4064 | 6.02803241 | 13.74 | 21.7957 |
| 5.65233796 | 14.51 | 26.2356 | 5.84030093 | 14.19 | 19.8868 | 6.02814815 | 13.71 | 21.7743 |
| 5.6524537 | 14.5 | 26.2037 | 5.84041667 | 14.18 | 21.2188 | 6.02826389 | 13.73 | 21.5941 |
| 5.65256944 | 14.5 | 26.6816 | 5.84053241 | 14.12 | 15.2542 | 6.02837963 | 13.57 | 19.9427 |
| 5.65268519 | 14.49 | 27.3061 | 5.84064815 | 14.15 | 17.2664 | 6.02849537 | 13.68 | 21.0554 |
| 5.65280093 | 14.49 | 27.5491 | 5.84076389 | 14.14 | 17.1072 | 6.02861111 | 13.68 | 21.6937 |
| 5.65291667 | 14.49 | 27.4429 | 5.84087963 | 14.19 | 21.2461 | 6.02872685 | 13.73 | 21.9801 |
| 5.65303241 | 14.47 | 27.6955 | 5.84099537 | 14.17 | 17.3163 | 6.02884259 | 13.74 | 21.7914 |
| 5.65314815 | 14.49 | 27.5954 | 5.84111111 | 14.18 | 19.4934 | 6.02895833 | 13.71 | 21.5573 |
| 5.65326389 | 14.47 | 27.8652 | 5.84122685 | 14.17 | 18.4179 | 6.02907407 | 13.6 | 20.2713 |
| 5.65337963 | 14.49 | 27.2921 | 5.84134259 | 14.17 | 17.9168 | 6.02918982 | 13.7 | 21.8119 |
| 5.65349537 | 14.49 | 27.5811 | 5.84145833 | 14.17 | 17.5015 | 6.02930556 | 13.79 | 22.4572 |
| 5.65361111 | 14.49 | 27.5101 | 5.84157407 | 14.18 | 18.9375 | 6.0294213 | 13.67 | 21.1445 |
| 5.65372685 | 14.49 | 27.574 | 5.84168982 | 14.18 | 19.1034 | 6.02953704 | 13.64 | 20.9982 |
| 5.65384259 | 14.53 | 23.9921 | 5.84180556 | 14.18 | 18.0851 | 6.02965278 | 13.67 | 21.511 |
| 5.65395833 | 14.51 | 25.1968 | 5.8419213 | 14.17 | 17.9449 | 6.02976852 | 13.67 | 20.8819 |
| 5.65407407 | 14.54 | 24.2404 | 5.84203704 | 14.18 | 20.0781 | 6.02988426 | 13.79 | 23.1805 |
| 5.65418982 | 14.53 | 25.1839 | 5.84215278 | 14.19 | 19.8529 | 6.03 | 13.74 | 21.7064 |
| 5.65430556 | 14.53 | 24.5715 | 5.84226852 | 14.18 | 18.8304 | 6.03011574 | 13.73 | 21.7396 |
| 5.6544213 | 14.54 | 23.7554 | 5.84238426 | 14.18 | 19.9476 | 6.03023148 | 13.76 | 22.0831 |
| 5.65453704 | 14.47 | 27.4641 | 5.8425 | 14.17 | 15.8355 | 6.03034722 | 13.77 | 22.3263 |
| 5.65465278 | 14.49 | 26.8934 | 5.84261574 | 14.19 | 19.5904 | 6.03046296 | 13.83 | 22.7551 |
| 5.65476852 | 14.47 | 27.6167 | 5.84273148 | 14.18 | 18.4815 | 6.0305787 | 13.82 | 22.4648 |
| 5.65488426 | 14.49 | 26.8057 | 5.84284722 | 14.18 | 18.9244 | 6.03069444 | 13.8 | 22.2797 |
| 5.655 | 14.54 | 24.0855 | 5.84296296 | 14.17 | 16.7212 | 6.03081019 | 13.8 | 22.2172 |
| 5.65511574 | 14.57 | 21.9368 | 5.8430787 | 14.18 | 16.98 | 6.03092593 | 13.74 | 21.9766 |
| 5.65523148 | 14.63 | 19.6123 | 5.84319444 | 14.19 | 18.5018 | 6.03104167 | 13.76 | 21.9739 |
| 5.65534722 | 14.6 | 22.1597 | 5.84331019 | 14.18 | 18.2654 | 6.03115741 | 13.73 | 21.9173 |
| 5.65546296 | 14.51 | 25.358 | 5.84342593 | 14.18 | 17.7128 | 6.03127315 | 13.74 | 21.9051 |
| 5.6555787 | 14.5 | 26.1396 | 5.84354167 | 14.19 | 18.9996 | 6.03138889 | 13.73 | 21.8656 |
| 5.65569444 | 14.51 | 25.864 | 5.84365741 | 14.18 | 16.9039 | 6.03150463 | 13.68 | 21.639 |
| 5.65581019 | 14.53 | 24.6449 | 5.84377315 | 14.18 | 17.0443 | 6.03162037 | 13.77 | 22.6366 |
| 5.65592593 | 14.6 | 21.9133 | 5.84388889 | 14.18 | 18.9342 | 6.03173611 | 13.76 | 22.0502 |
| 5.65604167 | 14.6 | 21.9067 | 5.84400463 | 14.17 | 16.0752 | 6.03185185 | 13.71 | 21.8426 |
| 5.65615741 | 14.56 | 23.8328 | 5.84412037 | 14.18 | 17.0374 | 6.03196759 | 13.67 | 21.3997 |
| 5.65627315 | 14.54 | 24.8992 | 5.84423611 | 14.17 | 18.1455 | 6.03208333 | 13.67 | 21.5985 |
| 5.65638889 | 14.56 | 23.5355 | 5.84435185 | 14.18 | 16.7223 | 6.03219907 | 13.7 | 21.6803 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65650463 | 14.56 | 24.2828 | 5.84446759 | 14.18 | 17.5099 | 6.03231482 | 13.64 | 20.8496 |
| 5.65662037 | 14.56 | 24.3518 | 5.84458333 | 14.19 | 18.824 | 6.03243056 | 13.79 | 22.8234 |
| 5.65673611 | 14.56 | 23.6805 | 5.84469907 | 14.18 | 17.4728 | 6.0325463 | 13.71 | 21.7998 |
| 5.65685185 | 14.59 | 22.8394 | 5.84481482 | 14.18 | 17.5141 | 6.03266204 | 13.61 | 20.3728 |
| 5.65696759 | 14.59 | 23.4738 | 5.84493056 | 14.19 | 18.2058 | 6.03277778 | 13.58 | 20.3591 |
| 5.65708333 | 14.54 | 25.1508 | 5.8450463 | 14.18 | 16.866 | 6.03289352 | 13.8 | 23.1186 |
| 5.65719907 | 14.56 | 24.3407 | 5.84516204 | 14.18 | 16.8917 | 6.03300926 | 13.89 | 23.1985 |
| 5.65731482 | 14.56 | 24.2307 | 5.84527778 | 14.19 | 18.6656 | 6.033125 | 13.55 | 19.163 |
| 5.65743056 | 14.54 | 24.6584 | 5.84539352 | 14.18 | 17.0566 | 6.03324074 | 13.73 | 22.1576 |
| 5.6575463 | 14.53 | 25.324 | 5.84550926 | 14.19 | 16.8901 | 6.03335648 | 13.73 | 21.9823 |
| 5.65766204 | 14.53 | 25.9449 | 5.845625 | 14.21 | 16.7441 | 6.03347222 | 13.73 | 21.8313 |
| 5.65777778 | 14.51 | 26.1457 | 5.84574074 | 14.21 | 16.6694 | 6.03358796 | 13.68 | 21.2638 |
| 5.65789352 | 14.53 | 25.6429 | 5.84585648 | 14.19 | 16.0478 | 6.0337037 | 13.73 | 22.1179 |
| 5.65800926 | 14.5 | 25.9839 | 5.84597222 | 14.18 | 16.0291 | 6.03381944 | 13.92 | 23.9033 |
| 5.658125 | 14.5 | 26.7652 | 5.84608796 | 14.19 | 16.5403 | 6.03393519 | 13.84 | 23.5798 |
| 5.65824074 | 14.51 | 25.9867 | 5.8462037 | 14.18 | 15.456 | 6.03405093 | 13.83 | 23.8549 |
| 5.65835648 | 14.51 | 25.5275 | 5.84631944 | 14.18 | 16.7933 | 6.03416667 | 13.89 | 23.4186 |
| 5.65847222 | 14.54 | 24.5146 | 5.84643519 | 14.21 | 17.3688 | 6.03428241 | 13.71 | 21.5448 |
| 5.65858796 | 14.57 | 23.5346 | 5.84655093 | 14.19 | 15.452 | 6.03439815 | 13.74 | 22.2741 |
| 5.6587037 | 14.5 | 26.9646 | 5.84666667 | 14.19 | 15.9655 | 6.03451389 | 13.95 | 24.1781 |
| 5.65881944 | 14.47 | 27.7638 | 5.84678241 | 14.19 | 14.9298 | 6.03462963 | 13.92 | 24.0531 |
| 5.65893519 | 14.47 | 27.45 | 5.84689815 | 14.19 | 15.8049 | 6.03474537 | 13.82 | 22.0883 |
| 5.65905093 | 14.49 | 26.8191 | 5.84701389 | 14.21 | 16.0802 | 6.03486111 | 13.71 | 21.8877 |
| 5.65916667 | 14.5 | 26.7183 | 5.84712963 | 14.21 | 18.7484 | 6.03497685 | 13.71 | 21.9915 |
| 5.65928241 | 14.46 | 27.7493 | 5.84724537 | 14.19 | 16.4917 | 6.03509259 | 13.74 | 22.3369 |
| 5.65939815 | 14.47 | 27.3551 | 5.84736111 | 14.19 | 16.4917 | 6.03520833 | 13.79 | 22.5097 |
| 5.65951389 | 14.47 | 27.6239 | 5.84747685 | 14.21 | 17.6311 | 6.03532407 | 13.76 | 22.2827 |
| 5.65962963 | 14.47 | 27.3937 | 5.84759259 | 14.19 | 16.9212 | 6.03543982 | 13.71 | 22.046 |
| 5.65974537 | 14.49 | 26.9443 | 5.84770833 | 14.22 | 21.3409 | 6.03555556 | 13.68 | 21.7976 |
| 5.65986111 | 14.47 | 27.2122 | 5.84782407 | 14.21 | 19.2387 | 6.0356713 | 13.7 | 21.844 |
| 5.65997685 | 14.47 | 27.2192 | 5.84793982 | 14.21 | 18.6259 | 6.03578704 | 13.68 | 21.8254 |
| 5.66009259 | 14.47 | 27.2678 | 5.84805556 | 14.22 | 20.3873 | 6.03590278 | 13.7 | 21.9322 |
| 5.66020833 | 14.47 | 27.0743 | 5.8481713 | 14.22 | 20.173 | 6.03601852 | 13.7 | 21.8999 |
| 5.66032407 | 14.49 | 26.7051 | 5.84828704 | 14.22 | 21.2523 | 6.03613426 | 13.67 | 21.5734 |
| 5.66043982 | 14.49 | 26.7889 | 5.84840278 | 14.22 | 20.4743 | 6.03625 | 13.6 | 20.715 |
| 5.66055556 | 14.47 | 27.0435 | 5.84851852 | 14.19 | 18.9865 | 6.03636574 | 13.6 | 20.9317 |
| 5.6606713 | 14.47 | 27.0401 | 5.84863426 | 14.24 | 22.0212 | 6.03648148 | 13.71 | 21.9872 |
| 5.66078704 | 14.46 | 27.1225 | 5.84875 | 14.25 | 22.0577 | 6.03659722 | 13.66 | 21.5665 |
| 5.66090278 | 14.47 | 26.8195 | 5.84886574 | 14.22 | 20.1545 | 6.03671296 | 13.64 | 21.3632 |
| 5.66101852 | 14.47 | 27.4924 | 5.84898148 | 14.24 | 20.7313 | 6.0368287 | 13.71 | 22.1625 |
| 5.66113426 | 14.47 | 27.4641 | 5.84909722 | 14.25 | 20.9807 | 6.03694444 | 13.63 | 21.1405 |
| 5.66125 | 14.46 | 27.9855 | 5.84921296 | 14.27 | 23.2072 | 6.03706019 | 13.71 | 22.1162 |
| 5.66136574 | 14.44 | 28.066 | 5.8493287 | 14.27 | 23.9288 | 6.03717593 | 13.71 | 22.9467 |
| 5.66148148 | 14.44 | 28.0734 | 5.84944444 | 14.25 | 23.4724 | 6.03729167 | 13.7 | 21.712 |
| 5.66159722 | 14.44 | 28.1843 | 5.84956019 | 14.25 | 22.5816 | 6.03740741 | 13.68 | 21.8768 |
| 5.66171296 | 14.44 | 28.1509 | 5.84967593 | 14.24 | 21.7849 | 6.03752315 | 13.68 | 21.5075 |
| 5.6618287 | 14.44 | 27.9596 | 5.84979167 | 14.27 | 23.7219 | 6.03763889 | 13.66 | 21.7303 |
| 5.66194444 | 14.46 | 27.7602 | 5.84990741 | 14.27 | 23.942 | 6.03775463 | 13.76 | 22.1824 |
| 5.66206019 | 14.46 | 27.8216 | 5.85002315 | 14.28 | 23.8148 | 6.03787037 | 13.67 | 21.5755 |
| 5.66217593 | 14.46 | 27.9233 | 5.85013889 | 14.28 | 23.6899 | 6.03798611 | 13.52 | 19.9421 |
| 5.66229167 | 14.46 | 27.9124 | 5.85025463 | 14.27 | 23.7219 | 6.03810185 | 13.64 | 21.8695 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66240741 | 14.44 | 27.9414 | 5.85037037 | 14.27 | 23.4502 | 6.03821759 | 13.66 | 21.5916 |
| 5.66252315 | 14.46 | 27.847 | 5.85048611 | 14.28 | 23.8989 | 6.03833333 | 13.67 | 21.8567 |
| 5.66263889 | 14.46 | 27.8942 | 5.85060185 | 14.28 | 23.9969 | 6.03844907 | 13.73 | 22.0237 |
| 5.66275463 | 14.46 | 27.8905 | 5.85071759 | 14.25 | 22.0133 | 6.03856482 | 13.74 | 22.0639 |
| 5.66287037 | 14.44 | 27.9487 | 5.85083333 | 14.24 | 21.4214 | 6.03868056 | 13.64 | 21.4369 |
| 5.66298611 | 14.46 | 27.9124 | 5.85094907 | 14.22 | 19.8411 | 6.0387963 | 13.7 | 21.6993 |
| 5.66310185 | 14.46 | 27.6667 | 5.85106482 | 14.25 | 22.2166 | 6.03891204 | 13.7 | 21.8569 |
| 5.66321759 | 14.46 | 27.9306 | 5.85118056 | 14.24 | 21.5602 | 6.03902778 | 13.71 | 21.8319 |
| 5.66333333 | 14.46 | 27.818 | 5.8512963 | 14.22 | 20.2935 | 6.03914352 | 13.68 | 21.6958 |
| 5.66344907 | 14.46 | 27.8071 | 5.85141204 | 14.22 | 20.3647 | 6.03925926 | 13.73 | 22.1598 |
| 5.66356482 | 14.46 | 27.7457 | 5.85152778 | 14.22 | 20.5066 | 6.039375 | 13.73 | 21.9693 |
| 5.66368056 | 14.46 | 27.8942 | 5.85164352 | 14.21 | 20.3737 | 6.03949074 | 13.63 | 21.3687 |
| 5.6637963 | 14.46 | 28.0332 | 5.85175926 | 14.21 | 19.8444 | 6.03960648 | 13.63 | 21.3402 |
| 5.66391204 | 14.46 | 28.1476 | 5.851875 | 14.22 | 19.9686 | 6.03972222 | 13.6 | 20.9905 |
| 5.66402778 | 14.46 | 28.1847 | 5.85199074 | 14.18 | 18.4847 | 6.03983796 | 13.64 | 21.5986 |
| 5.66414352 | 14.46 | 27.9855 | 5.85210648 | 14.19 | 18.3435 | 6.0399537 | 13.63 | 20.9565 |
| 5.66425926 | 14.46 | 27.7638 | 5.85222222 | 14.22 | 21.2195 | 6.04006944 | 13.55 | 20.7401 |
| 5.664375 | 14.46 | 27.9015 | 5.85233796 | 14.19 | 18.845 | 6.04018519 | 13.77 | 23.5872 |
| 5.66449074 | 14.46 | 27.927 | 5.8524537 | 14.18 | 18.1711 | 6.04030093 | 13.68 | 21.5887 |
| 5.66460648 | 14.44 | 28.0219 | 5.85256944 | 14.18 | 18.2945 | 6.04041667 | 13.63 | 21.6818 |
| 5.66472222 | 14.44 | 27.9962 | 5.85268519 | 14.17 | 18.2289 | 6.04053241 | 13.76 | 22.3952 |
| 5.66483796 | 14.44 | 28.0292 | 5.85280093 | 14.17 | 18.1697 | 6.04064815 | 13.64 | 21.1071 |
| 5.6649537 | 14.46 | 27.8252 | 5.85291667 | 14.17 | 18.9033 | 6.04076389 | 13.76 | 22.5847 |
| 5.66506944 | 14.44 | 28.0439 | 5.85303241 | 14.18 | 18.7693 | 6.04087963 | 13.82 | 22.9312 |
| 5.66518519 | 14.44 | 27.9487 | 5.85314815 | 14.14 | 17.4058 | 6.04099537 | 13.74 | 21.8385 |
| 5.66530093 | 14.46 | 27.9306 | 5.85326389 | 14.17 | 18.6959 | 6.04111111 | 13.7 | 22.2771 |
| 5.66541667 | 14.46 | 28.0589 | 5.85337963 | 14.14 | 17.4667 | 6.04122685 | 13.76 | 22.9478 |
| 5.66553241 | 14.46 | 28.0516 | 5.85349537 | 14.15 | 17.7761 | 6.04134259 | 13.8 | 22.4628 |
| 5.66564815 | 14.46 | 27.9708 | 5.85361111 | 14.15 | 17.4664 | 6.04145833 | 13.76 | 22.2313 |
| 5.66576389 | 14.46 | 28.0958 | 5.85372685 | 14.15 | 17.4593 | 6.04157407 | 13.67 | 21.7756 |
| 5.66587963 | 14.44 | 28.1955 | 5.85384259 | 14.14 | 17.5895 | 6.04168982 | 13.67 | 22.0188 |
| 5.66599537 | 14.46 | 28.1106 | 5.85395833 | 14.14 | 17.3466 | 6.04180556 | 13.83 | 23.2077 |
| 5.66611111 | 14.44 | 28.188 | 5.85407407 | 14.22 | 22.6412 | 6.0419213 | 13.82 | 22.6489 |
| 5.66622685 | 14.44 | 28.1547 | 5.85418982 | 14.12 | 17.436 | 6.04203704 | 13.84 | 23.1432 |
| 5.66634259 | 14.46 | 28.1402 | 5.85430556 | 14.14 | 17.9514 | 6.04215278 | 13.89 | 23.2895 |
| 5.66645833 | 14.46 | 28.1291 | 5.8544213 | 14.12 | 18.2341 | 6.04226852 | 13.87 | 23.2277 |
| 5.66657407 | 14.44 | 28.1806 | 5.85453704 | 14.03 | 16.6829 | 6.04238426 | 13.83 | 22.795 |
| 5.66668982 | 14.46 | 28.0626 | 5.85465278 | 13.98 | 16.3575 | 6.0425 | 13.8 | 22.7493 |
| 5.66680556 | 14.46 | 27.9489 | 5.85476852 | 13.95 | 16.3676 | 6.04261574 | 13.77 | 22.3894 |
| 5.6669213 | 14.46 | 28.0737 | 5.85488426 | 14.05 | 17.6448 | 6.04273148 | 13.76 | 22.2894 |
| 5.66703704 | 14.44 | 28.0403 | 5.855 | 13.99 | 16.6656 | 6.04284722 | 13.8 | 22.8057 |
| 5.66715278 | 14.46 | 28.07 | 5.85511574 | 14.03 | 17.1007 | 6.04296296 | 13.77 | 22.342 |
| 5.66726852 | 14.46 | 28.0589 | 5.85523148 | 14.05 | 16.8888 | 6.0430787 | 13.68 | 21.5908 |
| 5.66738426 | 14.46 | 28.1106 | 5.85534722 | 14 | 17.1236 | 6.04319444 | 13.83 | 22.9874 |
| 5.6675 | 14.46 | 28.0405 | 5.85546296 | 14.08 | 17.9066 | 6.04331019 | 13.74 | 22.0836 |
| 5.66761574 | 14.46 | 28.1291 | 5.8555787 | 14.12 | 18.1523 | 6.04342593 | 13.68 | 21.6264 |
| 5.66773148 | 14.46 | 28.0737 | 5.85569444 | 14.05 | 17.0891 | 6.04354167 | 13.73 | 21.9584 |
| 5.66784722 | 14.46 | 28.0921 | 5.85581019 | 14.09 | 17.8843 | 6.04365741 | 13.83 | 23.0885 |
| 5.66796296 | 14.46 | 28.1291 | 5.85592593 | 14.15 | 19.2215 | 6.04377315 | 13.76 | 21.7801 |
| 5.6680787 | 14.44 | 28.1287 | 5.85604167 | 14.15 | 20.1762 | 6.04388889 | 13.8 | 22.2395 |
| 5.66819444 | 14.44 | 28.1806 | 5.85615741 | 14.22 | 22.6765 | 6.04400463 | 13.87 | 23.2204 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66831019 | 14.44 | 28.1732 | 5.85627315 | 14.17 | 19.7213 | 6.04412037 | 13.84 | 22.9265 |
| 5.66842593 | 14.46 | 28.1032 | 5.85638889 | 14.11 | 19.3933 | 6.04423611 | 13.74 | 21.6473 |
| 5.66854167 | 14.46 | 28.0148 | 5.85650463 | 14.11 | 19.0454 | 6.04435185 | 13.82 | 23.109 |
| 5.66865741 | 14.44 | 28.1176 | 5.85662037 | 14.14 | 19.9538 | 6.04446759 | 13.84 | 23.2335 |
| 5.66877315 | 14.44 | 28.0918 | 5.85673611 | 14.18 | 21.3484 | 6.04458333 | 13.67 | 21.2309 |
| 5.66888889 | 14.46 | 28.0185 | 5.85685185 | 14.18 | 20.3989 | 6.04469907 | 13.66 | 21.5021 |
| 5.66900463 | 14.44 | 28.1287 | 5.85696759 | 14.15 | 19.4108 | 6.04481482 | 13.8 | 22.1351 |
| 5.66912037 | 14.43 | 28.1804 | 5.85708333 | 14.14 | 19.4311 | 6.04493056 | 13.74 | 22.11 |
| 5.66923611 | 14.43 | 28.1434 | 5.85719907 | 14.18 | 21.5935 | 6.0450463 | 13.77 | 22.7179 |
| 5.66935185 | 14.44 | 28.1398 | 5.85731482 | 14.19 | 22.26 | 6.04516204 | 13.71 | 21.9395 |
| 5.66946759 | 14.44 | 28.0771 | 5.85743056 | 14.19 | 22.5234 | 6.04527778 | 13.73 | 22.0324 |
| 5.66958333 | 14.44 | 28.1435 | 5.8575463 | 14.21 | 21.8581 | 6.04539352 | 13.8 | 22.8505 |
| 5.66969907 | 14.43 | 28.099 | 5.85766204 | 14.15 | 20.557 | 6.04550926 | 13.82 | 22.8623 |
| 5.66981482 | 14.44 | 28.0109 | 5.85777778 | 14.19 | 21.3595 | 6.045625 | 13.8 | 22.7096 |
| 5.66993056 | 14.44 | 28.055 | 5.85789352 | 14.21 | 21.6747 | 6.04574074 | 13.77 | 22.4666 |
| 5.6700463 | 14.44 | 28.0366 | 5.85800926 | 14.21 | 21.2803 | 6.04585648 | 13.79 | 22.6666 |
| 5.67016204 | 14.44 | 28.0072 | 5.858125 | 14.22 | 21.3388 | 6.04597222 | 13.82 | 22.8316 |
| 5.67027778 | 14.43 | 28.0843 | 5.85824074 | 14.22 | 21.242 | 6.04608796 | 13.79 | 22.7131 |
| 5.67039352 | 14.44 | 28.1213 | 5.85835648 | 14.21 | 21.0847 | 6.0462037 | 13.77 | 22.4575 |
| 5.67050926 | 14.43 | 28.1842 | 5.85847222 | 14.21 | 20.654 | 6.04631944 | 13.73 | 22.085 |
| 5.670625 | 14.44 | 28.1658 | 5.85858796 | 14.21 | 20.7668 | 6.04643519 | 13.76 | 22.4656 |
| 5.67074074 | 14.43 | 28.0953 | 5.8587037 | 14.17 | 20.3534 | 6.04655093 | 13.76 | 22.4337 |
| 5.67085648 | 14.43 | 28.2064 | 5.85881944 | 14.14 | 18.7422 | 6.04666667 | 13.76 | 22.5456 |
| 5.67097222 | 14.46 | 27.7134 | 5.85893519 | 14.12 | 19.2665 | 6.04678241 | 13.71 | 21.8512 |
| 5.67108796 | 14.44 | 27.9341 | 5.85905093 | 14.15 | 19.698 | 6.04689815 | 13.63 | 21.0511 |
| 5.6712037 | 14.44 | 27.8106 | 5.85916667 | 14.21 | 21.2331 | 6.04701389 | 13.58 | 20.5549 |
| 5.67131944 | 14.44 | 27.5384 | 5.85928241 | 14.18 | 20.4045 | 6.04712963 | 13.58 | 20.5926 |
| 5.67143519 | 14.46 | 26.9753 | 5.85939815 | 14.22 | 21.3886 | 6.04724537 | 13.71 | 22.046 |
| 5.67155093 | 14.46 | 26.9787 | 5.85951389 | 14.22 | 21.2955 | 6.04736111 | 13.55 | 19.9904 |
| 5.67166667 | 14.47 | 26.8195 | 5.85962963 | 14.17 | 19.2015 | 6.04747685 | 13.58 | 20.8066 |
| 5.67178241 | 14.47 | 26.9922 | 5.85974537 | 14.18 | 18.5034 | 6.04759259 | 13.5 | 19.7213 |
| 5.67189815 | 14.47 | 27.1466 | 5.85986111 | 14.17 | 18.2426 | 6.04770833 | 13.52 | 20.0096 |
| 5.67201389 | 14.47 | 27.2053 | 5.85997685 | 14.18 | 18.4085 | 6.04782407 | 13.55 | 20.6599 |
| 5.67212963 | 14.47 | 27.3516 | 5.86009259 | 14.19 | 18.8984 | 6.04793982 | 13.5 | 19.9613 |
| 5.67224537 | 14.46 | 27.45 | 5.86020833 | 14.21 | 18.9033 | 6.04805556 | 13.57 | 20.7025 |
| 5.67236111 | 14.44 | 27.8323 | 5.86032407 | 14.22 | 19.8894 | 6.0481713 | 13.45 | 19.1899 |
| 5.67247685 | 14.44 | 27.9487 | 5.86043982 | 14.22 | 20.2321 | 6.04828704 | 13.44 | 19.1588 |
| 5.67259259 | 14.46 | 28.0884 | 5.86055556 | 14.21 | 19.7928 | 6.04840278 | 13.63 | 22.0635 |
| 5.67270833 | 14.46 | 28.1143 | 5.8606713 | 14.15 | 18.6976 | 6.04851852 | 13.57 | 20.3091 |
| 5.67282407 | 14.46 | 28.1476 | 5.86078704 | 14.08 | 17.545 | 6.04863426 | 13.6 | 20.7765 |
| 5.67293982 | 14.46 | 28.0774 | 5.86090278 | 14.21 | 21.3154 | 6.04875 | 13.6 | 20.9709 |
| 5.67305556 | 14.46 | 28.0332 | 5.86101852 | 14.21 | 20.2894 | 6.04886574 | 13.67 | 21.7841 |
| 5.6731713 | 14.46 | 28.0958 | 5.86113426 | 14.24 | 22.9365 | 6.04898148 | 13.6 | 20.5574 |
| 5.67328704 | 14.46 | 28.0921 | 5.86125 | 14.21 | 20.8849 | 6.04909722 | 13.54 | 20.3821 |
| 5.67340278 | 14.44 | 28.1695 | 5.86136574 | 14.21 | 22.7698 | 6.04921296 | 13.55 | 20.571 |
| 5.67351852 | 14.44 | 27.7889 | 5.86148148 | 14.18 | 21.0286 | 6.0493287 | 13.66 | 21.7176 |
| 5.67363426 | 14.46 | 27.542 | 5.86159722 | 14.25 | 23.9358 | 6.04944444 | 13.67 | 22.1392 |
| 5.67375 | 14.46 | 27.7242 | 5.86171296 | 14.21 | 22.0471 | 6.04956019 | 13.71 | 22.1603 |
| 5.67386574 | 14.44 | 27.9231 | 5.8618287 | 14.25 | 23.3313 | 6.04967593 | 13.74 | 22.2228 |
| 5.67398148 | 14.44 | 27.9852 | 5.86194444 | 14.27 | 23.7037 | 6.04979167 | 13.8 | 23.1964 |
| 5.67409722 | 14.44 | 28.1806 | 5.86206019 | 14.25 | 22.8369 | 6.04990741 | 13.87 | 23.6045 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67421296 | 14.44 | 28.1732 | 5.86217593 | 14.25 | 22.3872 | 6.05002315 | 13.84 | 23.3123 |
| 5.6743287 | 14.44 | 28.0292 | 5.86229167 | 14.22 | 21.8787 | 6.05013889 | 13.83 | 23.2028 |
| 5.67444444 | 14.43 | 28.136 | 5.86240741 | 14.27 | 24.4978 | 6.05025463 | 13.79 | 22.8564 |
| 5.67456019 | 14.44 | 28.0734 | 5.86252315 | 14.14 | 21.527 | 6.05037037 | 13.8 | 23.0702 |
| 5.67467593 | 14.44 | 27.6416 | 5.86263889 | 14.27 | 24.8074 | 6.05048611 | 13.8 | 23.0606 |
| 5.67479167 | 14.44 | 28.0109 | 5.86275463 | 14.25 | 25.2708 | 6.05060185 | 13.71 | 22.4311 |
| 5.67490741 | 14.44 | 27.9779 | 5.86287037 | 14.17 | 21.6586 | 6.05071759 | 13.76 | 22.8082 |
| 5.67502315 | 14.44 | 27.9633 | 5.86298611 | 14.24 | 23.4886 | 6.05083333 | 13.66 | 21.5874 |
| 5.67513889 | 14.44 | 27.9231 | 5.86310185 | 14.24 | 24.8551 | 6.05094907 | 13.67 | 21.958 |
| 5.67525463 | 14.44 | 28.0219 | 5.86321759 | 14.27 | 25.0435 | 6.05106482 | 13.73 | 22.3991 |
| 5.67537037 | 14.44 | 28.0918 | 5.86333333 | 14.24 | 23.6523 | 6.05118056 | 13.63 | 21.1966 |
| 5.67548611 | 14.44 | 28.1066 | 5.86344907 | 14.24 | 23.9526 | 6.0512963 | 13.57 | 20.634 |
| 5.67560185 | 14.43 | 28.2102 | 5.86356482 | 14.27 | 25.3947 | 6.05141204 | 13.54 | 20.5725 |
| 5.67571759 | 14.44 | 28.2364 | 5.86368056 | 14.24 | 24.2475 | 6.05152778 | 13.55 | 20.5427 |
| 5.67583333 | 14.43 | 28.1582 | 5.8637963 | 14.21 | 23.7326 | 6.05164352 | 13.55 | 20.7669 |
| 5.67594907 | 14.44 | 27.6523 | 5.86391204 | 14.28 | 26.1664 | 6.05175926 | 13.5 | 19.8397 |
| 5.67606482 | 14.44 | 27.8577 | 5.86402778 | 14.27 | 25.515 | 6.051875 | 13.5 | 19.8907 |
| 5.67618056 | 14.44 | 28.0586 | 5.86414352 | 14.24 | 23.2376 | 6.05199074 | 13.5 | 20.3425 |
| 5.6762963 | 14.44 | 28.1509 | 5.86425926 | 14.27 | 24.691 | 6.05210648 | 13.42 | 19.0481 |
| 5.67641204 | 14.43 | 27.9888 | 5.864375 | 14.18 | 21.5069 | 6.05222222 | 13.36 | 18.5305 |
| 5.67652778 | 14.43 | 28.1175 | 5.86449074 | 13.98 | 15.8043 | 6.05233796 | 13.41 | 19.4328 |
| 5.67664352 | 14.43 | 28.1804 | 5.86460648 | 14.19 | 23.5852 | 6.0524537 | 13.47 | 20.1595 |
| 5.67675926 | 14.43 | 28.1656 | 5.86472222 | 14.21 | 22.9518 | 6.05256944 | 13.48 | 20.3586 |
| 5.676875 | 14.43 | 28.1767 | 5.86483796 | 14.24 | 24.0376 | 6.05268519 | 13.48 | 19.8834 |
| 5.67699074 | 14.43 | 28.173 | 5.8649537 | 14.25 | 24.7292 | 6.05280093 | 13.41 | 19.0612 |
| 5.67710648 | 14.41 | 28.2135 | 5.86506944 | 14.27 | 24.9248 | 6.05291667 | 13.51 | 20.1115 |
| 5.67722222 | 14.43 | 28.173 | 5.86518519 | 14.15 | 21.4628 | 6.05303241 | 13.57 | 21.6421 |
| 5.67733796 | 14.43 | 28.1508 | 5.86530093 | 14.15 | 21.3898 | 6.05314815 | 13.51 | 20.4333 |
| 5.6774537 | 14.43 | 28.2064 | 5.86541667 | 14.17 | 22.6963 | 6.05326389 | 13.54 | 20.9272 |
| 5.67756944 | 14.43 | 28.1953 | 5.86553241 | 14.19 | 23.1587 | 6.05337963 | 13.61 | 21.8951 |
| 5.67768519 | 14.43 | 28.1767 | 5.86564815 | 14.24 | 24.2611 | 6.05349537 | 13.54 | 20.3507 |
| 5.67780093 | 14.43 | 28.2176 | 5.86576389 | 14.27 | 24.9047 | 6.05361111 | 13.52 | 20.0991 |
| 5.67791667 | 14.43 | 28.2027 | 5.86587963 | 14.28 | 24.9906 | 6.05372685 | 13.58 | 21.4252 |
| 5.67803241 | 14.43 | 28.2176 | 5.86599537 | 14.27 | 25.0493 | 6.05384259 | 13.6 | 21.2898 |
| 5.67814815 | 14.43 | 28.2288 | 5.86611111 | 14.27 | 25.1223 | 6.05395833 | 13.63 | 22.3222 |
| 5.67826389 | 14.43 | 28.2325 | 5.86622685 | 14.05 | 17.0562 | 6.05407407 | 13.6 | 21.3283 |
| 5.67837963 | 14.43 | 28.2362 | 5.86634259 | 14.05 | 18.2671 | 6.05418982 | 13.61 | 21.6113 |
| 5.67849537 | 14.43 | 28.3109 | 5.86645833 | 14.12 | 20.9353 | 6.05430556 | 13.71 | 22.5864 |
| 5.67861111 | 14.43 | 28.3447 | 5.86657407 | 14.18 | 22.7898 | 6.0544213 | 13.64 | 21.9146 |
| 5.67872685 | 14.41 | 28.3517 | 5.86668982 | 14.21 | 22.9325 | 6.05453704 | 13.55 | 20.603 |
| 5.67884259 | 14.41 | 28.3367 | 5.86680556 | 14.24 | 23.7195 | 6.05465278 | 13.52 | 20.4633 |
| 5.67895833 | 14.41 | 28.333 | 5.8669213 | 14.22 | 22.9725 | 6.05476852 | 13.67 | 22.5616 |
| 5.67907407 | 14.43 | 28.3221 | 5.86703704 | 14.27 | 21.3694 | 6.05488426 | 13.64 | 21.63 |
| 5.67918982 | 14.41 | 28.363 | 5.86715278 | 14.27 | 21.2106 | 6.055 | 13.74 | 22.8129 |
| 5.67930556 | 14.43 | 28.3484 | 5.86726852 | 14.28 | 21.4265 | 6.05511574 | 13.64 | 21.891 |
| 5.6794213 | 14.41 | 28.3592 | 5.86738426 | 14.28 | 21.7689 | 6.05523148 | 13.52 | 20.415 |
| 5.67953704 | 14.43 | 28.3221 | 5.8675 | 14.27 | 22.0641 | 6.05534722 | 13.5 | 20.0414 |
| 5.67965278 | 14.43 | 28.2698 | 5.86761574 | 14.25 | 22.3666 | 6.05546296 | 13.58 | 21.6365 |
| 5.67976852 | 14.43 | 28.2288 | 5.86773148 | 14.24 | 22.6554 | 6.0555787 | 13.57 | 21.4554 |
| 5.67988426 | 14.43 | 28.1175 | 5.86784722 | 14.25 | 22.5746 | 6.05569444 | 13.64 | 22.2851 |
| 5.68 | 14.43 | 28.1434 | 5.86796296 | 14.28 | 22.7028 | 6.05581019 | 13.6 | 21.4798 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68011574 | 14.43 | 28.0548 | 5.8680787 | 14.28 | 22.7431 | 6.05592593 | 13.51 | 20.1729 |
| 5.68023148 | 14.41 | 28.0435 | 5.86819444 | 14.27 | 22.8276 | 6.05604167 | 13.48 | 20.2852 |
| 5.68034722 | 14.41 | 28.0325 | 5.86831019 | 14.28 | 22.8169 | 6.05615741 | 13.54 | 21.2001 |
| 5.68046296 | 14.41 | 28.0435 | 5.86842593 | 14.28 | 22.8672 | 6.05627315 | 13.58 | 21.5386 |
| 5.6805787 | 14.41 | 28.0215 | 5.86854167 | 14.28 | 22.8456 | 6.05638889 | 13.51 | 20.4444 |
| 5.68069444 | 14.41 | 28.0509 | 5.86865741 | 14.3 | 22.964 | 6.05650463 | 13.45 | 19.8972 |
| 5.68081019 | 14.41 | 27.9849 | 5.86877315 | 14.3 | 23.0053 | 6.05662037 | 13.5 | 20.3683 |
| 5.68092593 | 14.41 | 28.0068 | 5.86888889 | 14.3 | 23.0296 | 6.05673611 | 13.67 | 22.2588 |
| 5.68104167 | 14.41 | 28.0252 | 5.86900463 | 14.3 | 23.0223 | 6.05685185 | 13.63 | 21.3158 |
| 5.68115741 | 14.41 | 28.0619 | 5.86912037 | 14.3 | 23.0491 | 6.05696759 | 13.48 | 20.185 |
| 5.68127315 | 14.43 | 28.088 | 5.86923611 | 14.3 | 23.0467 | 6.05708333 | 13.44 | 19.8095 |
| 5.68138889 | 14.41 | 28.1172 | 5.86935185 | 14.3 | 23.0712 | 6.05719907 | 13.45 | 20.0443 |
| 5.68150463 | 14.43 | 28.099 | 5.86946759 | 14.28 | 23.0977 | 6.05731482 | 13.51 | 20.7655 |
| 5.68162037 | 14.41 | 28.1172 | 5.86958333 | 14.3 | 23.3539 | 6.05743056 | 13.45 | 19.9413 |
| 5.68173611 | 14.41 | 28.0729 | 5.86969907 | 14.3 | 23.2067 | 6.0575463 | 13.38 | 18.9969 |
| 5.68185185 | 14.41 | 28.0877 | 5.86981482 | 14.28 | 23.0439 | 6.05766204 | 13.67 | 22.9135 |
| 5.68196759 | 14.41 | 28.1283 | 5.86993056 | 14.28 | 23.3634 | 6.05777778 | 13.6 | 21.5814 |
| 5.68208333 | 14.41 | 28.1172 | 5.8700463 | 14.28 | 23.4391 | 6.05789352 | 13.48 | 20.5201 |
| 5.68219907 | 14.41 | 28.084 | 5.87016204 | 14.27 | 23.1332 | 6.05800926 | 13.36 | 19.2317 |
| 5.68231482 | 14.41 | 28.0032 | 5.87027778 | 14.3 | 23.0053 | 6.058125 | 13.44 | 19.9837 |
| 5.68243056 | 14.41 | 28.0509 | 5.87039352 | 14.28 | 23.2708 | 6.05824074 | 13.51 | 20.2001 |
| 5.6825463 | 14.41 | 28.2284 | 5.87050926 | 14.28 | 23.2808 | 6.05835648 | 13.57 | 20.9617 |
| 5.68266204 | 14.41 | 28.1246 | 5.870625 | 14.28 | 23.3158 | 6.05847222 | 13.54 | 20.2608 |
| 5.68277778 | 14.41 | 28.0656 | 5.87074074 | 14.31 | 24.8561 | 6.05858796 | 13.61 | 21.8844 |
| 5.68289352 | 14.41 | 28.0546 | 5.87085648 | 14.3 | 23.7088 | 6.0587037 | 13.61 | 21.5322 |
| 5.68300926 | 14.41 | 28.2769 | 5.87097222 | 14.3 | 23.4599 | 6.05881944 | 13.52 | 20.814 |
| 5.683125 | 14.41 | 28.247 | 5.87108796 | 14.28 | 22.7383 | 6.05893519 | 13.64 | 21.7947 |
| 5.68324074 | 14.41 | 28.1209 | 5.8712037 | 14.28 | 22.8912 | 6.05905093 | 13.66 | 22.1825 |
| 5.68335648 | 14.41 | 28.1653 | 5.87131944 | 14.3 | 23.7582 | 6.05916667 | 13.64 | 22.0425 |
| 5.68347222 | 14.43 | 28.0732 | 5.87143519 | 14.3 | 23.8918 | 6.05928241 | 13.5 | 20.5151 |
| 5.68358796 | 14.41 | 28.1061 | 5.87155093 | 14.31 | 24.2011 | 6.05939815 | 13.54 | 21.3129 |
| 5.6837037 | 14.41 | 28.1838 | 5.87166667 | 14.31 | 24.0986 | 6.05951389 | 13.61 | 21.7883 |
| 5.68381944 | 14.41 | 28.2098 | 5.87178241 | 14.31 | 23.7703 | 6.05962963 | 13.63 | 21.8174 |
| 5.68393519 | 14.41 | 28.0546 | 5.87189815 | 14.31 | 23.6923 | 6.05974537 | 13.54 | 20.5707 |
| 5.68405093 | 14.41 | 28.1431 | 5.87201389 | 14.33 | 24.8892 | 6.05986111 | 13.6 | 22.2171 |
| 5.68416667 | 14.41 | 28.084 | 5.87212963 | 14.33 | 25.3495 | 6.05997685 | 13.58 | 21.4745 |
| 5.68428241 | 14.43 | 28.1064 | 5.87224537 | 14.3 | 23.6544 | 6.06009259 | 13.52 | 20.6438 |
| 5.68439815 | 14.41 | 28.2396 | 5.87236111 | 14.3 | 23.1006 | 6.06020833 | 13.55 | 21.2026 |
| 5.68451389 | 14.4 | 28.2282 | 5.87247685 | 14.3 | 23.5108 | 6.06032407 | 13.58 | 21.3415 |
| 5.68462963 | 14.41 | 28.2024 | 5.87259259 | 14.3 | 22.8963 | 6.06043982 | 13.52 | 20.9186 |
| 5.68474537 | 14.41 | 28.1542 | 5.87270833 | 14.3 | 23.4828 | 6.06055556 | 13.54 | 21.2806 |
| 5.68486111 | 14.41 | 28.0582 | 5.87282407 | 14.3 | 23.7477 | 6.0606713 | 13.54 | 20.9624 |
| 5.68497685 | 14.41 | 28.3143 | 5.87293982 | 14.31 | 23.7208 | 6.06078704 | 13.54 | 20.9331 |
| 5.68509259 | 14.41 | 28.348 | 5.87305556 | 14.31 | 23.6845 | 6.06090278 | 13.63 | 22.273 |
| 5.68520833 | 14.41 | 28.3143 | 5.8731713 | 14.33 | 23.7372 | 6.06101852 | 13.7 | 22.6523 |
| 5.68532407 | 14.41 | 28.3217 | 5.87328704 | 14.33 | 23.6775 | 6.06113426 | 13.67 | 22.4544 |
| 5.68543982 | 14.41 | 28.1542 | 5.87340278 | 14.31 | 23.7573 | 6.06125 | 13.61 | 21.8737 |
| 5.68555556 | 14.41 | 27.9556 | 5.87351852 | 14.33 | 23.7502 | 6.06136574 | 13.6 | 21.6002 |
| 5.6856713 | 14.41 | 28.247 | 5.87363426 | 14.33 | 23.8025 | 6.06148148 | 13.61 | 22.0379 |
| 5.68578704 | 14.41 | 28.3292 | 5.87375 | 14.33 | 23.8234 | 6.06159722 | 13.58 | 21.6344 |
| 5.68590278 | 14.41 | 28.3931 | 5.87386574 | 14.33 | 23.876 | 6.06171296 | 13.64 | 22.0687 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68601852 | 14.41 | 28.3105 | 5.87398148 | 14.31 | 23.9544 | 6.0618287 | 13.58 | 21.2907 |
| 5.68613426 | 14.4 | 28.4759 | 5.87409722 | 14.31 | 23.9996 | 6.06194444 | 13.6 | 21.5108 |
| 5.68625 | 14.4 | 28.457 | 5.87421296 | 14.33 | 23.9686 | 6.06206019 | 13.57 | 21.2559 |
| 5.68636574 | 14.41 | 28.4044 | 5.8743287 | 14.33 | 24.0567 | 6.06217593 | 13.48 | 20.2632 |
| 5.68648148 | 14.4 | 28.4759 | 5.87444444 | 14.31 | 24.061 | 6.06229167 | 13.44 | 19.8673 |
| 5.68659722 | 14.4 | 28.4419 | 5.87456019 | 14.33 | 24.054 | 6.06240741 | 13.42 | 19.8199 |
| 5.68671296 | 14.4 | 28.2655 | 5.87467593 | 14.33 | 24.0701 | 6.06252315 | 13.55 | 22.2704 |
| 5.6868287 | 14.4 | 28.2991 | 5.87479167 | 14.34 | 24.0961 | 6.06263889 | 13.57 | 21.2418 |
| 5.68694444 | 14.41 | 28.0766 | 5.87490741 | 14.33 | 24.0781 | 6.06275463 | 13.39 | 19.0793 |
| 5.68706019 | 14.41 | 28.2359 | 5.87502315 | 14.33 | 24.1265 | 6.06287037 | 13.39 | 19.4833 |
| 5.68717593 | 14.41 | 28.1209 | 5.87513889 | 14.33 | 23.8892 | 6.06298611 | 13.38 | 19.306 |
| 5.68729167 | 14.41 | 28.2433 | 5.87525463 | 14.31 | 23.7494 | 6.06310185 | 13.35 | 18.9635 |
| 5.68740741 | 14.43 | 27.9376 | 5.87537037 | 14.31 | 23.8936 | 6.06321759 | 13.38 | 19.6845 |
| 5.68752315 | 14.44 | 27.6702 | 5.87548611 | 14.31 | 23.841 | 6.06333333 | 13.47 | 20.7929 |
| 5.68763889 | 14.44 | 27.7781 | 5.87560185 | 14.31 | 24.1875 | 6.06344907 | 13.35 | 18.6392 |
| 5.68775463 | 14.44 | 27.8649 | 5.87571759 | 14.31 | 24.3264 | 6.06356482 | 13.28 | 18.1609 |
| 5.68787037 | 14.46 | 27.6417 | 5.87583333 | 14.33 | 24.5351 | 6.06368056 | 13.31 | 18.4394 |
| 5.68798611 | 14.43 | 28.0254 | 5.87594907 | 14.31 | 24.8561 | 6.0637963 | 13.28 | 18.2132 |
| 5.68810185 | 14.44 | 27.7636 | 5.87606482 | 14.33 | 24.591 | 6.06391204 | 13.23 | 17.9936 |
| 5.68821759 | 14.44 | 27.7961 | 5.87618056 | 14.31 | 24.6037 | 6.06402778 | 13.31 | 18.6182 |
| 5.68833333 | 14.44 | 27.8504 | 5.8762963 | 14.31 | 24.7647 | 6.06414352 | 13.23 | 18.0924 |
| 5.68844907 | 14.46 | 27.6024 | 5.87641204 | 14.19 | 19.4403 | 6.06425926 | 13.32 | 18.5715 |
| 5.68856482 | 14.47 | 27.4924 | 5.87652778 | 14.09 | 16.2042 | 6.064375 | 13.28 | 18.5723 |
| 5.68868056 | 14.47 | 27.3866 | 5.87664352 | 14.28 | 23.8463 | 6.06449074 | 13.31 | 18.6213 |
| 5.6887963 | 14.47 | 27.4924 | 5.87675926 | 14.31 | 24.8332 | 6.06460648 | 13.6 | 22.5363 |
| 5.68891204 | 14.46 | 27.4394 | 5.876875 | 14.31 | 24.8963 | 6.06472222 | 13.54 | 21.427 |
| 5.68902778 | 14.46 | 27.5101 | 5.87699074 | 14.33 | 25.1069 | 6.06483796 | 13.55 | 21.4748 |
| 5.68914352 | 14.47 | 27.3796 | 5.87710648 | 14.33 | 24.849 | 6.0649537 | 13.58 | 21.7058 |
| 5.68925926 | 14.47 | 27.3446 | 5.87722222 | 14.33 | 24.667 | 6.06506944 | 13.61 | 22.3092 |
| 5.689375 | 14.5 | 26.9035 | 5.87733796 | 14.31 | 24.5841 | 6.06518519 | 13.64 | 22.194 |
| 5.68949074 | 14.5 | 27.1119 | 5.8774537 | 14.28 | 23.5076 | 6.06530093 | 13.6 | 21.8751 |
| 5.68960648 | 14.47 | 27.3166 | 5.87756944 | 14.28 | 23.2186 | 6.06541667 | 13.6 | 21.9137 |
| 5.68972222 | 14.49 | 27.0844 | 5.87768519 | 14.27 | 23.2097 | 6.06553241 | 13.63 | 22.16 |
| 5.68983796 | 14.5 | 27.0226 | 5.87780093 | 14.3 | 24.1182 | 6.06564815 | 13.7 | 22.7103 |
| 5.6899537 | 14.49 | 27.0536 | 5.87791667 | 14.3 | 24.5652 | 6.06576389 | 13.68 | 22.5649 |
| 5.69006944 | 14.49 | 27.0159 | 5.87803241 | 14.3 | 23.9473 | 6.06587963 | 13.68 | 22.581 |
| 5.69018519 | 14.5 | 26.7719 | 5.87814815 | 14.33 | 24.5128 | 6.06599537 | 13.68 | 22.5032 |
| 5.69030093 | 14.51 | 26.7583 | 5.87826389 | 14.31 | 24.2282 | 6.06611111 | 13.68 | 22.5214 |
| 5.69041667 | 14.49 | 27.341 | 5.87837963 | 14.3 | 23.5567 | 6.06622685 | 13.7 | 22.5716 |
| 5.69053241 | 14.5 | 26.8798 | 5.87849537 | 14.22 | 21.2625 | 6.06634259 | 13.66 | 22.2847 |
| 5.69064815 | 14.47 | 27.3201 | 5.87861111 | 14.3 | 23.9262 | 6.06645833 | 13.68 | 22.1864 |
| 5.69076389 | 14.44 | 27.8468 | 5.87872685 | 14.33 | 24.667 | 6.06657407 | 13.71 | 22.6279 |
| 5.69087963 | 14.46 | 27.4782 | 5.87884259 | 14.34 | 24.7371 | 6.06668982 | 13.67 | 22.3012 |
| 5.69099537 | 14.49 | 27.0638 | 5.87895833 | 14.31 | 24.1389 | 6.06680556 | 13.68 | 22.5032 |
| 5.69111111 | 14.47 | 27.2609 | 5.87907407 | 14.31 | 23.5328 | 6.0669213 | 13.7 | 22.5578 |
| 5.69122685 | 14.46 | 27.5136 | 5.87918982 | 14.34 | 24.3984 | 6.06703704 | 13.76 | 22.8553 |
| 5.69134259 | 14.46 | 27.8035 | 5.87930556 | 14.33 | 24.1077 | 6.06715278 | 13.74 | 22.6195 |
| 5.69145833 | 14.43 | 27.9559 | 5.8794213 | 14.31 | 22.9872 | 6.06726852 | 13.73 | 22.7883 |
| 5.69157407 | 14.41 | 28.1801 | 5.87953704 | 14.31 | 24.2581 | 6.06738426 | 13.83 | 23.5884 |
| 5.69168982 | 14.41 | 28.1616 | 5.87965278 | 14.33 | 24.3331 | 6.0675 | 13.71 | 22.3184 |
| 5.69180556 | 14.41 | 27.9776 | 5.87976852 | 14.33 | 23.8025 | 6.06761574 | 13.71 | 22.8025 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6919213 | 14.4 | 28.232 | 5.87988426 | 14.31 | 23.6768 | 6.06773148 | 13.77 | 23.1124 |
| 5.69203704 | 14.41 | 28.1616 | 5.88 | 14.28 | 21.5613 | 6.06784722 | 13.64 | 21.748 |
| 5.69215278 | 14.4 | 28.2171 | 5.88011574 | 14.27 | 21.4216 | 6.06796296 | 13.58 | 21.522 |
| 5.69226852 | 14.41 | 28.2284 | 5.88023148 | 14.17 | 17.3388 | 6.0680787 | 13.57 | 21.2599 |
| 5.69238426 | 14.4 | 28.2245 | 5.88034722 | 14.28 | 21.364 | 6.06819444 | 13.71 | 22.6094 |
| 5.6925 | 14.41 | 28.1764 | 5.88046296 | 14.33 | 23.7685 | 6.06831019 | 13.7 | 22.2081 |
| 5.69261574 | 14.41 | 28.1542 | 5.8805787 | 14.33 | 23.7972 | 6.06842593 | 13.8 | 23.3365 |
| 5.69273148 | 14.41 | 28.1764 | 5.88069444 | 14.34 | 24.3515 | 6.06854167 | 13.66 | 21.9919 |
| 5.69284722 | 14.41 | 28.0509 | 5.88081019 | 14.33 | 24.6698 | 6.06865741 | 13.68 | 22.282 |
| 5.69296296 | 14.41 | 28.2172 | 5.88092593 | 14.33 | 24.4933 | 6.06877315 | 13.74 | 22.6449 |
| 5.6930787 | 14.41 | 28.3442 | 5.88104167 | 14.33 | 24.1751 | 6.06888889 | 13.84 | 23.2901 |
| 5.69319444 | 14.4 | 28.4608 | 5.88115741 | 14.33 | 24.5295 | 6.06900463 | 13.57 | 20.9363 |
| 5.69331019 | 14.41 | 28.4459 | 5.88127315 | 14.33 | 24.849 | 6.06912037 | 13.64 | 21.9362 |
| 5.69342593 | 14.4 | 28.3103 | 5.88138889 | 14.33 | 24.7548 | 6.06923611 | 13.58 | 21.37 |
| 5.69354167 | 14.41 | 28.2731 | 5.88150463 | 14.33 | 23.2533 | 6.06935185 | 13.57 | 21.8067 |
| 5.69365741 | 14.4 | 28.329 | 5.88162037 | 14.34 | 24.6437 | 6.06946759 | 13.63 | 21.8025 |
| 5.69377315 | 14.41 | 28.4648 | 5.88173611 | 14.33 | 24.7662 | 6.06958333 | 13.58 | 21.67 |
| 5.69388889 | 14.4 | 28.3478 | 5.88185185 | 14.34 | 24.9001 | 6.06969907 | 13.7 | 22.6476 |
| 5.69400463 | 14.41 | 28.2172 | 5.88196759 | 14.34 | 24.9839 | 6.06981482 | 13.51 | 20.6833 |
| 5.69412037 | 14.43 | 28.1138 | 5.88208333 | 14.34 | 24.9318 | 6.06993056 | 13.63 | 22.6242 |
| 5.69423611 | 14.44 | 27.7672 | 5.88219907 | 14.34 | 24.8512 | 6.0700463 | 13.7 | 22.2727 |
| 5.69435185 | 14.44 | 27.7564 | 5.88231482 | 14.34 | 24.8599 | 6.07016204 | 13.63 | 21.8816 |
| 5.69446759 | 14.43 | 28.136 | 5.88243056 | 14.34 | 24.9318 | 6.07027778 | 13.45 | 19.2592 |
| 5.69458333 | 14.43 | 27.8866 | 5.8825463 | 14.34 | 24.7798 | 6.07039352 | 13.68 | 22.9218 |
| 5.69469907 | 14.46 | 27.2922 | 5.88266204 | 14.33 | 24.6642 | 6.07050926 | 13.66 | 22.8157 |
| 5.69481482 | 14.47 | 27.2157 | 5.88277778 | 14.31 | 24.2554 | 6.070625 | 13.67 | 22.7793 |
| 5.69493056 | 14.47 | 27.2957 | 5.88289352 | 14.34 | 25.2745 | 6.07074074 | 13.77 | 23.7245 |
| 5.6950463 | 14.47 | 27.0778 | 5.88300926 | 14.34 | 25.1916 | 6.07085648 | 13.76 | 22.986 |
| 5.69516204 | 14.49 | 26.9172 | 5.883125 | 14.34 | 24.8915 | 6.07097222 | 13.68 | 22.3088 |
| 5.69527778 | 14.49 | 26.907 | 5.88324074 | 14.33 | 25.0718 | 6.07108796 | 13.61 | 21.5488 |
| 5.69539352 | 14.49 | 27.0364 | 5.88335648 | 14.34 | 25.0654 | 6.0712037 | 13.6 | 21.6085 |
| 5.69550926 | 14.49 | 26.992 | 5.88347222 | 14.33 | 24.8576 | 6.07131944 | 13.6 | 21.8409 |
| 5.695625 | 14.5 | 26.8358 | 5.88358796 | 14.33 | 24.3798 | 6.07143519 | 13.67 | 22.5685 |
| 5.69574074 | 14.5 | 26.8156 | 5.8837037 | 14.34 | 25.1621 | 6.07155093 | 13.64 | 21.9491 |
| 5.69585648 | 14.49 | 26.8529 | 5.88381944 | 14.34 | 25.0595 | 6.07166667 | 13.73 | 23.0712 |
| 5.69597222 | 14.5 | 26.8291 | 5.88393519 | 14.31 | 24.1848 | 6.07178241 | 13.73 | 22.6023 |
| 5.69608796 | 14.5 | 26.8493 | 5.88405093 | 14.3 | 23.7921 | 6.07189815 | 13.6 | 21.5752 |
| 5.6962037 | 14.5 | 26.8527 | 5.88416667 | 14.3 | 23.103 | 6.07201389 | 13.57 | 21.1376 |
| 5.69631944 | 14.5 | 26.8325 | 5.88428241 | 14.31 | 23.638 | 6.07212963 | 13.58 | 21.3435 |
| 5.69643519 | 14.49 | 26.9273 | 5.88439815 | 14.34 | 25.01 | 6.07224537 | 13.51 | 20.8078 |
| 5.69655093 | 14.49 | 26.9681 | 5.88451389 | 14.34 | 25.2656 | 6.07236111 | 13.52 | 21.0579 |
| 5.69666667 | 14.49 | 26.8901 | 5.88462963 | 14.34 | 25.3639 | 6.07247685 | 13.57 | 21.5111 |
| 5.69678241 | 14.49 | 26.8427 | 5.88474537 | 14.33 | 24.9411 | 6.07259259 | 13.82 | 23.8559 |
| 5.69689815 | 14.47 | 27.1604 | 5.88486111 | 14.33 | 24.9267 | 6.07270833 | 13.68 | 22.1158 |
| 5.69701389 | 14.47 | 27.2331 | 5.88497685 | 14.34 | 25.168 | 6.07282407 | 13.89 | 24.4322 |
| 5.69712963 | 14.46 | 27.2679 | 5.88509259 | 14.34 | 25.4299 | 6.07293982 | 13.74 | 22.682 |
| 5.69724537 | 14.47 | 27.2192 | 5.88520833 | 14.34 | 25.5478 | 6.07305556 | 13.68 | 22.9765 |
| 5.69736111 | 14.46 | 27.2574 | 5.88532407 | 14.34 | 25.6576 | 6.0731713 | 13.74 | 23.1765 |
| 5.69747685 | 14.47 | 27.2783 | 5.88543982 | 14.35 | 25.4988 | 6.07328704 | 13.84 | 23.1189 |
| 5.69759259 | 14.46 | 27.3656 | 5.88555556 | 14.34 | 24.9694 | 6.07340278 | 13.73 | 22.7415 |
| 5.69770833 | 14.46 | 27.4853 | 5.8856713 | 14.33 | 24.2185 | 6.07351852 | 14.05 | 25.3096 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69782407 | 14.46 | 27.3902 | 5.88578704 | 14.33 | 24.9094 | 6.07363426 | 13.92 | 23.8981 |
| 5.69793982 | 14.46 | 27.4853 | 5.88590278 | 14.34 | 25.451 | 6.07375 | 13.92 | 23.6528 |
| 5.69805556 | 14.46 | 27.4782 | 5.88601852 | 14.33 | 25.2632 | 6.07386574 | 14.02 | 24.9508 |
| 5.6981713 | 14.46 | 27.457 | 5.88613426 | 14.33 | 24.9787 | 6.07398148 | 13.84 | 23.5545 |
| 5.69828704 | 14.44 | 27.4008 | 5.88625 | 14.33 | 24.7491 | 6.07409722 | 13.9 | 23.5558 |
| 5.69840278 | 14.46 | 27.3586 | 5.88636574 | 14.34 | 25.2834 | 6.07421296 | 13.74 | 22.7169 |
| 5.69851852 | 14.46 | 27.3902 | 5.88648148 | 14.34 | 25.1827 | 6.0743287 | 13.66 | 21.348 |
| 5.69863426 | 14.46 | 27.4429 | 5.88659722 | 14.34 | 24.9492 | 6.07444444 | 13.67 | 22.1436 |
| 5.69875 | 14.44 | 27.5313 | 5.88671296 | 14.34 | 24.8972 | 6.07456019 | 13.83 | 23.3678 |
| 5.69886574 | 14.44 | 27.6488 | 5.8868287 | 14.35 | 24.7137 | 6.07467593 | 13.77 | 23.2438 |
| 5.69898148 | 14.44 | 27.4818 | 5.88694444 | 14.34 | 24.4232 | 6.07479167 | 13.79 | 22.7458 |
| 5.69909722 | 14.44 | 27.581 | 5.88706019 | 14.34 | 24.857 | 6.07490741 | 13.54 | 20.565 |
| 5.69921296 | 14.44 | 27.5917 | 5.88717593 | 14.35 | 24.7991 | 6.07502315 | 13.64 | 20.9982 |
| 5.6993287 | 14.43 | 27.76 | 5.88729167 | 14.35 | 24.9081 | 6.07513889 | 13.57 | 21.3044 |
| 5.69944444 | 14.43 | 27.8033 | 5.88740741 | 14.35 | 25.1556 | 6.07525463 | 13.77 | 23.2561 |
| 5.69956019 | 14.43 | 27.7024 | 5.88752315 | 14.35 | 25.2058 | 6.07537037 | 13.82 | 23.4736 |
| 5.69967593 | 14.44 | 27.76 | 5.88763889 | 14.35 | 25.1527 | 6.07548611 | 13.84 | 23.6026 |
| 5.69979167 | 14.43 | 27.8975 | 5.88775463 | 14.35 | 25.2531 | 6.07560185 | 13.74 | 23.0171 |
| 5.69990741 | 14.43 | 27.8685 | 5.88787037 | 14.34 | 25.346 | 6.07571759 | 13.71 | 22.4948 |
| 5.70002315 | 14.43 | 27.9012 | 5.88798611 | 14.34 | 24.8255 | 6.07583333 | 13.67 | 22.0974 |
| 5.70013889 | 14.43 | 27.8431 | 5.88810185 | 14.34 | 24.8541 | 6.07594907 | 13.63 | 21.7134 |
| 5.70025463 | 14.43 | 27.7816 | 5.88821759 | 14.33 | 24.2948 | 6.07606482 | 13.57 | 21.0364 |
| 5.70037037 | 14.44 | 27.7817 | 5.88833333 | 14.33 | 24.8118 | 6.07618056 | 13.71 | 23.0856 |
| 5.70048611 | 14.43 | 27.8866 | 5.88844907 | 14.34 | 25.1327 | 6.0762963 | 13.79 | 22.8069 |
| 5.70060185 | 14.44 | 27.9122 | 5.88856482 | 14.34 | 24.1365 | 6.07641204 | 13.63 | 21.5459 |
| 5.70071759 | 14.44 | 27.894 | 5.88868056 | 14.33 | 24.5686 | 6.07652778 | 13.7 | 22.0824 |
| 5.70083333 | 14.44 | 27.76 | 5.8887963 | 14.34 | 25.4239 | 6.07664352 | 13.7 | 22.7756 |
| 5.70094907 | 14.44 | 27.76 | 5.88891204 | 14.35 | 25.5564 | 6.07675926 | 13.66 | 21.968 |
| 5.70106482 | 14.46 | 27.6954 | 5.88902778 | 14.34 | 25.227 | 6.076875 | 13.68 | 22.3066 |
| 5.70118056 | 14.46 | 27.6703 | 5.88914352 | 14.34 | 25.3789 | 6.07699074 | 13.7 | 22.3781 |
| 5.7012963 | 14.46 | 27.6345 | 5.88925926 | 14.35 | 25.5595 | 6.07710648 | 13.67 | 22.221 |
| 5.70141204 | 14.44 | 27.76 | 5.889375 | 14.33 | 24.7776 | 6.07722222 | 13.55 | 21.2488 |
| 5.70152778 | 14.4 | 28.0581 | 5.88949074 | 14.34 | 25.3939 | 6.07733796 | 13.58 | 21.8951 |
| 5.70164352 | 14.41 | 28.1209 | 5.88960648 | 14.34 | 25.2359 | 6.0774537 | 13.7 | 22.4437 |
| 5.70175926 | 14.41 | 28.1209 | 5.88972222 | 14.34 | 25.4781 | 6.07756944 | 13.63 | 21.916 |
| 5.701875 | 14.41 | 28.1061 | 5.88983796 | 14.34 | 24.9001 | 6.07768519 | 13.57 | 21.4082 |
| 5.70199074 | 14.41 | 28.0803 | 5.8899537 | 14.34 | 25.2656 | 6.07780093 | 13.63 | 22.4891 |
| 5.70210648 | 14.41 | 28.1135 | 5.89006944 | 14.33 | 25.2839 | 6.07791667 | 13.83 | 24.0695 |
| 5.70222222 | 14.43 | 28.1175 | 5.89018519 | 14.34 | 25.2745 | 6.07803241 | 13.57 | 20.8603 |
| 5.70233796 | 14.41 | 28.1246 | 5.89030093 | 14.3 | 23.015 | 6.07814815 | 13.68 | 22.4463 |
| 5.7024537 | 14.41 | 28.0951 | 5.89041667 | 14.34 | 25.0654 | 6.07826389 | 13.8 | 23.8243 |
| 5.70256944 | 14.41 | 28.1061 | 5.89053241 | 14.34 | 25.3759 | 6.07837963 | 13.67 | 22.4726 |
| 5.70268519 | 14.41 | 27.8465 | 5.89064815 | 14.34 | 25.3519 | 6.07849537 | 13.82 | 24.1049 |
| 5.70280093 | 14.41 | 28.1061 | 5.89076389 | 14.34 | 25.4963 | 6.07861111 | 13.66 | 21.7176 |
| 5.70291667 | 14.41 | 28.1357 | 5.89087963 | 14.35 | 25.7742 | 6.07872685 | 13.61 | 21.9879 |
| 5.70303241 | 14.41 | 28.1838 | 5.89099537 | 14.34 | 24.4149 | 6.07884259 | 13.68 | 21.9739 |
| 5.70314815 | 14.4 | 28.1651 | 5.89111111 | 14.33 | 24.6163 | 6.07895833 | 13.61 | 21.7332 |
| 5.70326389 | 14.43 | 27.4078 | 5.89122685 | 14.35 | 25.6602 | 6.07907407 | 13.87 | 24.0077 |
| 5.70337963 | 14.43 | 26.8538 | 5.89134259 | 14.34 | 25.1739 | 6.07918982 | 13.64 | 21.559 |
| 5.70349537 | 14.43 | 27.2889 | 5.89145833 | 14.34 | 25.337 | 6.07930556 | 13.57 | 21.4144 |
| 5.70361111 | 14.43 | 27.171 | 5.89157407 | 14.34 | 25.4329 | 6.0794213 | 13.51 | 21.3743 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70372685 | 14.43 | 27.5881 | 5.89168982 | 14.34 | 25.0975 | 6.07953704 | 13.54 | 20.4657 |
| 5.70384259 | 14.41 | 27.8864 | 5.89180556 | 14.33 | 23.8734 | 6.07965278 | 13.48 | 20.5164 |
| 5.70395833 | 14.41 | 27.9556 | 5.8919213 | 14.33 | 24.6079 | 6.07976852 | 13.66 | 22.4557 |
| 5.70407407 | 14.4 | 27.9994 | 5.89203704 | 14.34 | 25.0917 | 6.07988426 | 13.82 | 23.4411 |
| 5.70418982 | 14.41 | 27.8176 | 5.89215278 | 14.33 | 24.752 | 6.08 | 13.73 | 22.1953 |
| 5.70430556 | 14.41 | 27.4079 | 5.89226852 | 14.34 | 25.2478 | 6.08011574 | 13.79 | 23.3698 |
| 5.7044213 | 14.44 | 26.9009 | 5.89238426 | 14.34 | 25.4359 | 6.08023148 | 13.84 | 23.0729 |
| 5.70453704 | 14.44 | 26.5009 | 5.8925 | 14.34 | 25.5084 | 6.08034722 | 13.71 | 21.9981 |
| 5.70465278 | 14.44 | 26.4911 | 5.89261574 | 14.34 | 25.0566 | 6.08046296 | 13.45 | 20.0122 |
| 5.70476852 | 14.44 | 26.4159 | 5.89273148 | 14.34 | 25.1798 | 6.0805787 | 13.48 | 20.4307 |
| 5.70488426 | 14.43 | 27.4008 | 5.89284722 | 14.34 | 25.1122 | 6.08069444 | 13.55 | 20.7631 |
| 5.705 | 14.41 | 27.6737 | 5.89296296 | 14.31 | 22.9145 | 6.08081019 | 13.61 | 22.2047 |
| 5.70511574 | 14.41 | 27.5668 | 5.8930787 | 14.33 | 25.4907 | 6.08092593 | 13.47 | 19.9274 |
| 5.70523148 | 14.43 | 27.45 | 5.89319444 | 14.34 | 25.7468 | 6.08104167 | 13.55 | 22.0049 |
| 5.70534722 | 14.43 | 26.9146 | 5.89331019 | 14.34 | 25.8087 | 6.08115741 | 13.57 | 21.2398 |
| 5.70546296 | 14.44 | 26.5503 | 5.89342593 | 14.34 | 25.7684 | 6.08127315 | 13.55 | 21.2006 |
| 5.7055787 | 14.43 | 26.8977 | 5.89354167 | 14.34 | 25.3789 | 6.08138889 | 13.5 | 21.3372 |
| 5.70569444 | 14.44 | 27.0301 | 5.89365741 | 14.34 | 25.4963 | 6.08150463 | 13.68 | 21.7678 |
| 5.70581019 | 14.44 | 26.996 | 5.89377315 | 14.34 | 25.7839 | 6.08162037 | 13.76 | 22.7075 |
| 5.70592593 | 14.43 | 27.3273 | 5.89388889 | 14.34 | 25.7746 | 6.08173611 | 13.73 | 22.3923 |
| 5.70604167 | 14.43 | 27.1056 | 5.89400463 | 14.34 | 25.7006 | 6.08185185 | 13.51 | 20.0309 |
| 5.70615741 | 14.43 | 27.1331 | 5.89412037 | 14.33 | 24.4461 | 6.08196759 | 13.51 | 20.8735 |
| 5.70627315 | 14.44 | 26.7228 | 5.89423611 | 14.22 | 18.3171 | 6.08208333 | 13.77 | 23.2929 |
| 5.70638889 | 14.43 | 26.8707 | 5.89435185 | 14.18 | 16.3394 | 6.08219907 | 13.66 | 21.9313 |
| 5.70650463 | 14.44 | 26.945 | 5.89446759 | 14.27 | 23.4451 | 6.08231482 | 13.84 | 23.7996 |
| 5.70662037 | 14.44 | 26.8032 | 5.89458333 | 14.3 | 24.6044 | 6.08243056 | 13.87 | 23.5185 |
| 5.70673611 | 14.44 | 27.0336 | 5.89469907 | 14.33 | 25.6612 | 6.0825463 | 13.7 | 22.1153 |
| 5.70685185 | 14.41 | 27.1402 | 5.89481482 | 14.34 | 25.566 | 6.08266204 | 13.61 | 21.6657 |
| 5.70696759 | 14.43 | 27.0303 | 5.89493056 | 14.34 | 25.8304 | 6.08277778 | 13.55 | 21.1906 |
| 5.70708333 | 14.44 | 26.3963 | 5.8950463 | 14.34 | 25.8056 | 6.08289352 | 13.54 | 20.939 |
| 5.70719907 | 14.46 | 25.9129 | 5.89516204 | 14.34 | 25.7252 | 6.08300926 | 13.58 | 21.6323 |
| 5.70731482 | 14.44 | 26.1671 | 5.89527778 | 14.34 | 25.7314 | 6.083125 | 13.58 | 21.5262 |
| 5.70743056 | 14.44 | 26.8739 | 5.89539352 | 14.34 | 25.7407 | 6.08324074 | 13.67 | 21.997 |
| 5.7075463 | 14.43 | 27.1228 | 5.89550926 | 14.33 | 25.3077 | 6.08335648 | 13.7 | 22.3579 |
| 5.70766204 | 14.41 | 27.3413 | 5.895625 | 14.35 | 25.8393 | 6.08347222 | 13.5 | 20.2819 |
| 5.70777778 | 14.44 | 27.1744 | 5.89574074 | 14.35 | 25.9236 | 6.08358796 | 13.47 | 20.0768 |
| 5.70789352 | 14.43 | 26.6365 | 5.89585648 | 14.34 | 25.2982 | 6.0837037 | 13.48 | 20.6482 |
| 5.70800926 | 14.46 | 26.4251 | 5.89597222 | 14.28 | 23.3433 | 6.08381944 | 13.73 | 22.8212 |
| 5.708125 | 14.43 | 26.1611 | 5.89608796 | 14.34 | 25.445 | 6.08393519 | 13.71 | 22.5085 |
| 5.70824074 | 14.44 | 26.82 | 5.8962037 | 14.34 | 25.624 | 6.08405093 | 13.9 | 23.9706 |
| 5.70835648 | 14.44 | 27.0541 | 5.89631944 | 14.33 | 25.4666 | 6.08416667 | 13.93 | 23.9547 |
| 5.70847222 | 14.43 | 27.2403 | 5.89643519 | 14.33 | 25.2306 | 6.08428241 | 13.61 | 20.7365 |
| 5.70858796 | 14.43 | 26.4422 | 5.89655093 | 14.31 | 24.6234 | 6.08439815 | 13.5 | 20.2217 |
| 5.7087037 | 14.46 | 26.3081 | 5.89666667 | 14.31 | 24.8504 | 6.08451389 | 13.9 | 24.3252 |
| 5.70881944 | 14.43 | 26.1803 | 5.89678241 | 14.33 | 25.3644 | 6.08462963 | 13.9 | 23.8844 |
| 5.70893519 | 14.44 | 27.0165 | 5.89689815 | 14.34 | 25.6087 | 6.08474537 | 13.9 | 24.0735 |
| 5.70905093 | 14.44 | 26.0969 | 5.89701389 | 14.34 | 25.7345 | 6.08486111 | 13.93 | 24.2497 |
| 5.70916667 | 14.46 | 25.9916 | 5.89712963 | 14.34 | 25.7777 | 6.08497685 | 13.63 | 21.8473 |
| 5.70928241 | 14.46 | 25.603 | 5.89724537 | 14.34 | 25.7808 | 6.08509259 | 13.89 | 24.1275 |
| 5.70939815 | 14.46 | 25.8628 | 5.89736111 | 14.34 | 25.8647 | 6.08520833 | 13.93 | 24.3633 |
| 5.70951389 | 14.46 | 25.5359 | 5.89747685 | 14.34 | 25.9209 | 6.08532407 | 13.76 | 22.8199 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70962963 | 14.46 | 25.4147 | 5.89759259 | 14.34 | 25.9303 | 6.08543982 | 13.76 | 22.3907 |
| 5.70974537 | 14.46 | 26.0327 | 5.89770833 | 14.34 | 25.753 | 6.08555556 | 13.9 | 24.0285 |
| 5.70986111 | 14.43 | 26.7564 | 5.89782407 | 14.33 | 25.1981 | 6.0856713 | 13.98 | 24.5677 |
| 5.70997685 | 14.44 | 26.7028 | 5.89793982 | 14.35 | 25.8861 | 6.08578704 | 13.93 | 23.6365 |
| 5.71009259 | 14.44 | 26.5272 | 5.89805556 | 14.33 | 25.6306 | 6.08590278 | 13.77 | 23.0472 |
| 5.71020833 | 14.44 | 26.2764 | 5.8981713 | 14.33 | 25.5939 | 6.08601852 | 13.92 | 24.1487 |
| 5.71032407 | 14.43 | 26.6199 | 5.89828704 | 14.33 | 25.2661 | 6.08613426 | 13.82 | 23.2039 |
| 5.71043982 | 14.44 | 27.1158 | 5.89840278 | 14.31 | 25.4616 | 6.08625 | 13.6 | 21.367 |
| 5.71055556 | 14.43 | 26.5242 | 5.89851852 | 14.33 | 25.8807 | 6.08636574 | 13.8 | 23.6245 |
| 5.7106713 | 14.44 | 26.5899 | 5.89863426 | 14.34 | 25.566 | 6.08648148 | 13.6 | 21.8494 |
| 5.71078704 | 14.46 | 25.7045 | 5.89875 | 14.34 | 25.5539 | 6.08659722 | 13.73 | 22.2732 |
| 5.71090278 | 14.44 | 26.1033 | 5.89886574 | 14.33 | 25.0631 | 6.08671296 | 13.28 | 17.9775 |
| 5.71101852 | 14.46 | 25.3636 | 5.89898148 | 14.34 | 25.8304 | 6.0868287 | 13.26 | 18.4957 |
| 5.71113426 | 14.46 | 25.2738 | 5.89909722 | 14.35 | 26.1511 | 6.08694444 | 13.22 | 17.4166 |
| 5.71125 | 14.47 | 25.1635 | 5.89921296 | 14.31 | 25.1081 | 6.08706019 | 13.39 | 19.4328 |
| 5.71136574 | 14.46 | 25.8628 | 5.8993287 | 14.34 | 25.7777 | 6.08717593 | 13.1 | 16.8454 |
| 5.71148148 | 14.43 | 27.0337 | 5.89944444 | 14.31 | 25.4315 | 6.08729167 | 13.57 | 21.7473 |
| 5.71159722 | 14.44 | 27.0267 | 5.89956019 | 14.34 | 25.8211 | 6.08740741 | 13.55 | 21.6199 |
| 5.71171296 | 14.43 | 26.6863 | 5.89967593 | 14.34 | 26.053 | 6.08752315 | 13.26 | 19.1035 |
| 5.7118287 | 14.46 | 25.5542 | 5.89979167 | 14.35 | 26.1224 | 6.08763889 | 13.15 | 17.0036 |
| 5.71194444 | 14.47 | 25.2554 | 5.89990741 | 14.34 | 25.9585 | 6.08775463 | 13.31 | 20.2984 |
| 5.71206019 | 14.43 | 26.673 | 5.90002315 | 14.34 | 26.1737 | 6.08787037 | 13.38 | 19.7052 |
| 5.71217593 | 14.43 | 27.3517 | 5.90013889 | 14.33 | 25.3256 | 6.08798611 | 13.34 | 18.5572 |
| 5.71229167 | 14.41 | 27.8031 | 5.90025463 | 14.27 | 23.1307 | 6.08810185 | 13.48 | 21.1433 |
| 5.71240741 | 14.43 | 27.5384 | 5.90037037 | 14.3 | 23.9792 | 6.08821759 | 13.23 | 17.8217 |
| 5.71252315 | 14.44 | 26.5108 | 5.90048611 | 14.31 | 24.8389 | 6.08833333 | 13.22 | 18.4752 |
| 5.71263889 | 14.46 | 25.2025 | 5.90060185 | 14.28 | 23.965 | 6.08844907 | 13.32 | 19.0509 |
| 5.71275463 | 14.43 | 26.0941 | 5.90071759 | 14.33 | 25.4244 | 6.08856482 | 13.31 | 19.0802 |
| 5.71287037 | 14.44 | 26.0525 | 5.90083333 | 14.33 | 25.9589 | 6.08868056 | 13.42 | 20.3628 |
| 5.71298611 | 14.43 | 26.8572 | 5.90094907 | 14.31 | 24.4365 | 6.0887963 | 13.47 | 20.6214 |
| 5.71310185 | 14.44 | 26.4289 | 5.90106482 | 14.33 | 24.5518 | 6.08891204 | 13.25 | 18.274 |
| 5.71321759 | 14.41 | 27.7239 | 5.90118056 | 14.34 | 25.4089 | 6.08902778 | 13.19 | 17.7451 |
| 5.71333333 | 14.41 | 27.4818 | 5.9012963 | 14.33 | 24.7548 | 6.08914352 | 13.18 | 17.8175 |
| 5.71344907 | 14.44 | 26.7931 | 5.90141204 | 14.33 | 24.5574 | 6.08925926 | 13.18 | 17.6353 |
| 5.71356482 | 14.44 | 26.6562 | 5.90152778 | 14.33 | 24.5854 | 6.089375 | 13.39 | 20.7711 |
| 5.71368056 | 14.43 | 26.9519 | 5.90164352 | 14.33 | 24.7719 | 6.08949074 | 13.32 | 19.3395 |
| 5.7137963 | 14.41 | 27.7887 | 5.90175926 | 14.34 | 25.4299 | 6.08960648 | 13.29 | 18.9723 |
| 5.71391204 | 14.41 | 27.7851 | 5.901875 | 14.34 | 25.0566 | 6.08972222 | 13.25 | 18.6724 |
| 5.71402778 | 14.43 | 27.0816 | 5.90199074 | 14.34 | 25.7037 | 6.08983796 | 13.45 | 20.9979 |
| 5.71414352 | 14.41 | 27.3868 | 5.90210648 | 14.34 | 25.5357 | 6.0899537 | 13.54 | 21.4147 |
| 5.71425926 | 14.41 | 27.6773 | 5.90222222 | 14.28 | 24.6677 | 6.09006944 | 13.55 | 21.3928 |
| 5.714375 | 14.41 | 27.6237 | 5.90233796 | 14.27 | 23.1677 | 6.09018519 | 13.61 | 22.3405 |
| 5.71449074 | 14.41 | 27.5065 | 5.9024537 | 14.33 | 25.6704 | 6.09030093 | 13.47 | 20.4993 |
| 5.71460648 | 14.43 | 26.5242 | 5.90256944 | 14.33 | 25.6 | 6.09041667 | 13.35 | 19.7258 |
| 5.71472222 | 14.44 | 25.8262 | 5.90268519 | 14.34 | 25.7407 | 6.09053241 | 13.41 | 20.5501 |
| 5.71483796 | 14.46 | 24.7347 | 5.90280093 | 14.33 | 25.7011 | 6.09064815 | 13.58 | 22.2642 |
| 5.7149537 | 14.43 | 26.6 | 5.90291667 | 14.33 | 25.7875 | 6.09076389 | 13.47 | 20.9322 |
| 5.71506944 | 14.43 | 26.8639 | 5.90303241 | 14.34 | 25.7283 | 6.09087963 | 13.42 | 20.6786 |
| 5.71518519 | 14.43 | 26.7063 | 5.90314815 | 14.31 | 25.291 | 6.09099537 | 13.5 | 21.0887 |
| 5.71530093 | 14.43 | 27.2125 | 5.90326389 | 14.31 | 25.4827 | 6.09111111 | 13.45 | 20.8577 |
| 5.71541667 | 14.43 | 27.0234 | 5.90337963 | 14.25 | 23.8831 | 6.09122685 | 13.54 | 21.7432 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71553241 | 14.41 | 27.3064 | 5.90349537 | 14.08 | 18.8968 | 6.09134259 | 13.58 | 21.9726 |
| 5.71564815 | 14.41 | 27.5313 | 5.90361111 | 14.27 | 24.691 | 6.09145833 | 13.6 | 22.1048 |
| 5.71576389 | 14.41 | 27.5313 | 5.90372685 | 14.24 | 24.0376 | 6.09157407 | 13.61 | 22.1539 |
| 5.71587963 | 14.41 | 27.5916 | 5.90384259 | 14.3 | 24.5122 | 6.09168982 | 13.45 | 20.6359 |
| 5.71599537 | 14.43 | 26.1995 | 5.90395833 | 14.3 | 24.4761 | 6.09180556 | 13.54 | 21.7538 |
| 5.71611111 | 14.46 | 24.0891 | 5.90407407 | 14.24 | 23.3498 | 6.0919213 | 13.55 | 21.5949 |
| 5.71622685 | 14.41 | 27.1093 | 5.90418982 | 14.3 | 25.0038 | 6.09203704 | 13.6 | 21.8451 |
| 5.71634259 | 14.43 | 27.1194 | 5.90430556 | 14.31 | 25.0585 | 6.09215278 | 13.63 | 22.1666 |
| 5.71645833 | 14.46 | 25.8566 | 5.9044213 | 14.31 | 25.3029 | 6.09226852 | 13.57 | 21.615 |
| 5.71657407 | 14.43 | 26.5078 | 5.90453704 | 14.3 | 24.7796 | 6.09238426 | 13.57 | 21.6233 |
| 5.71668982 | 14.43 | 27.0679 | 5.90465278 | 14.31 | 24.7932 | 6.0925 | 13.44 | 20.1645 |
| 5.71680556 | 14.44 | 26.5009 | 5.90476852 | 14.28 | 24.8553 | 6.09261574 | 13.39 | 19.8686 |
| 5.7169213 | 14.43 | 27.4465 | 5.90488426 | 14.31 | 25.702 | 6.09273148 | 13.32 | 19.1484 |
| 5.71703704 | 14.43 | 26.6298 | 5.905 | 14.3 | 24.5708 | 6.09284722 | 13.58 | 22.2708 |
| 5.71715278 | 14.43 | 27.4113 | 5.90511574 | 14.27 | 23.9394 | 6.09296296 | 13.52 | 21.3504 |
| 5.71726852 | 14.41 | 27.6558 | 5.90523148 | 14.28 | 24.3151 | 6.0930787 | 13.52 | 21.4957 |
| 5.71738426 | 14.41 | 27.7203 | 5.90534722 | 14.21 | 22.5886 | 6.09319444 | 13.45 | 20.3487 |
| 5.7175 | 14.43 | 27.825 | 5.90546296 | 14.28 | 24.0475 | 6.09331019 | 13.42 | 20.4034 |
| 5.71761574 | 14.41 | 27.6273 | 5.9055787 | 14.28 | 24.3261 | 6.09342593 | 13.42 | 20.4237 |
| 5.71773148 | 14.41 | 27.8248 | 5.90569444 | 14.3 | 25.2678 | 6.09354167 | 13.47 | 21.117 |
| 5.71784722 | 14.41 | 27.9812 | 5.90581019 | 14.31 | 24.9742 | 6.09365741 | 13.66 | 22.6411 |
| 5.71796296 | 14.41 | 27.767 | 5.90592593 | 14.31 | 25.3685 | 6.09377315 | 13.6 | 21.998 |
| 5.7180787 | 14.41 | 28.0288 | 5.90604167 | 14.31 | 25.0701 | 6.09388889 | 13.44 | 20.4501 |
| 5.71819444 | 14.41 | 28.0288 | 5.90615741 | 14.3 | 25.062 | 6.09400463 | 13.74 | 23.2546 |
| 5.71831019 | 14.41 | 27.8755 | 5.90627315 | 14.33 | 25.2543 | 6.09412037 | 13.66 | 22.3025 |
| 5.71842593 | 14.43 | 27.7312 | 5.90638889 | 14.31 | 24.7534 | 6.09423611 | 13.48 | 20.3881 |
| 5.71854167 | 14.41 | 27.581 | 5.90650463 | 14.31 | 25.1551 | 6.09435185 | 13.32 | 19.0041 |
| 5.71865741 | 14.41 | 27.8284 | 5.90662037 | 14.31 | 25.0294 | 6.09446759 | 13.32 | 19.2584 |
| 5.71877315 | 14.41 | 27.6773 | 5.90673611 | 14.31 | 25.3805 | 6.09458333 | 13.47 | 21.2992 |
| 5.71888889 | 14.41 | 27.6701 | 5.90685185 | 14.33 | 25.521 | 6.09469907 | 13.7 | 23.1036 |
| 5.71900463 | 14.43 | 27.0885 | 5.90696759 | 14.33 | 25.6336 | 6.09481482 | 13.8 | 24.0197 |
| 5.71912037 | 14.43 | 27.0405 | 5.90708333 | 14.34 | 25.5144 | 6.09493056 | 13.82 | 23.4736 |
| 5.71923611 | 14.44 | 25.9043 | 5.90719907 | 14.34 | 25.6822 | 6.0950463 | 13.5 | 20.5996 |
| 5.71935185 | 14.44 | 26.5701 | 5.90731482 | 14.34 | 25.7715 | 6.09516204 | 13.48 | 21.0542 |
| 5.71946759 | 14.43 | 26.3154 | 5.90743056 | 14.34 | 25.5417 | 6.09527778 | 13.47 | 20.646 |
| 5.71958333 | 14.41 | 26.898 | 5.9075463 | 14.34 | 25.7283 | 6.09539352 | 13.39 | 19.8109 |
| 5.71969907 | 14.46 | 25.1847 | 5.90766204 | 14.34 | 25.673 | 6.09550926 | 13.42 | 20.4701 |
| 5.71981482 | 14.46 | 24.4894 | 5.90777778 | 14.35 | 25.8487 | 6.095625 | 13.41 | 20.2783 |
| 5.71993056 | 14.46 | 23.9524 | 5.90789352 | 14.34 | 25.7592 | 6.09574074 | 13.71 | 23.6874 |
| 5.7200463 | 14.44 | 25.2125 | 5.90800926 | 14.34 | 25.9679 | 6.09585648 | 13.55 | 21.3724 |
| 5.72016204 | 14.43 | 26.7497 | 5.908125 | 14.33 | 25.8402 | 6.09597222 | 13.57 | 21.3552 |
| 5.72027778 | 14.43 | 27.1814 | 5.90824074 | 14.33 | 25.8185 | 6.09608796 | 13.61 | 22.0706 |
| 5.72039352 | 14.41 | 27.2231 | 5.90835648 | 14.34 | 25.7839 | 6.0962037 | 13.47 | 20.4434 |
| 5.72050926 | 14.43 | 27.0268 | 5.90847222 | 14.34 | 25.7314 | 6.09631944 | 13.34 | 19.2516 |
| 5.720625 | 14.44 | 25.7084 | 5.90858796 | 14.34 | 25.7314 | 6.09643519 | 13.54 | 21.8323 |
| 5.72074074 | 14.43 | 26.3966 | 5.9087037 | 14.34 | 25.7098 | 6.09655093 | 13.58 | 21.9187 |
| 5.72085648 | 14.43 | 26.2541 | 5.90881944 | 14.33 | 25.521 | 6.09666667 | 13.58 | 21.8972 |
| 5.72097222 | 14.43 | 26.2316 | 5.90893519 | 14.34 | 25.6668 | 6.09678241 | 13.61 | 22.0597 |
| 5.72108796 | 14.43 | 26.4194 | 5.90905093 | 14.3 | 24.7058 | 6.09689815 | 13.77 | 23.5116 |
| 5.7212037 | 14.43 | 25.6381 | 5.90916667 | 14.33 | 25.5635 | 6.09701389 | 13.82 | 23.7681 |
| 5.72131944 | 14.43 | 26.3771 | 5.90928241 | 14.31 | 25.5311 | 6.09712963 | 13.73 | 22.4104 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72143519 | 14.43 | 26.5505 | 5.90939815 | 14.33 | 25.862 | 6.09724537 | 13.52 | 20.8778 |
| 5.72155093 | 14.43 | 26.5275 | 5.90951389 | 14.33 | 25.7349 | 6.09736111 | 13.67 | 22.5662 |
| 5.72166667 | 14.43 | 26.5934 | 5.90962963 | 14.25 | 23.4775 | 6.09747685 | 13.52 | 21.0975 |
| 5.72178241 | 14.43 | 26.3284 | 5.90974537 | 14.24 | 23.7247 | 6.09759259 | 13.52 | 21.2412 |
| 5.72189815 | 14.43 | 25.8703 | 5.90986111 | 14.27 | 24.5117 | 6.09770833 | 13.41 | 20.0527 |
| 5.72201389 | 14.43 | 25.5922 | 5.90997685 | 14.25 | 23.7862 | 6.09782407 | 13.35 | 19.2532 |
| 5.72212963 | 14.43 | 25.8797 | 5.91009259 | 14.3 | 25.2382 | 6.09793982 | 13.54 | 22.028 |
| 5.72224537 | 14.41 | 25.9274 | 5.91020833 | 14.22 | 23.8385 | 6.09805556 | 13.87 | 24.2255 |
| 5.72236111 | 14.44 | 25.5155 | 5.91032407 | 14.25 | 24.1762 | 6.0981713 | 13.87 | 23.9657 |
| 5.72247685 | 14.44 | 25.3107 | 5.91043982 | 14.22 | 23.7733 | 6.09828704 | 13.61 | 21.9274 |
| 5.72259259 | 14.43 | 25.1864 | 5.91055556 | 14.08 | 17.8228 | 6.09840278 | 13.98 | 25.1442 |
| 5.72270833 | 14.44 | 25.82 | 5.9106713 | 13.98 | 16.8936 | 6.09851852 | 13.64 | 21.8267 |
| 5.72282407 | 14.43 | 26.0338 | 5.91078704 | 14.19 | 24.0606 | 6.09863426 | 13.39 | 19.2959 |
| 5.72293982 | 14.43 | 26.5769 | 5.91090278 | 14.09 | 20.524 | 6.09875 | 13.25 | 18.3859 |
| 5.72305556 | 14.41 | 26.8373 | 5.91101852 | 14.11 | 20.7248 | 6.09886574 | 13.5 | 21.7279 |
| 5.7231713 | 14.41 | 27.0887 | 5.91113426 | 14.19 | 23.598 | 6.09898148 | 13.61 | 22.3787 |
| 5.72328704 | 14.43 | 26.673 | 5.91125 | 14.14 | 21.4349 | 6.09909722 | 13.71 | 23.2801 |
| 5.72340278 | 14.43 | 26.0433 | 5.91136574 | 14.14 | 21.8737 | 6.09921296 | 13.74 | 22.4386 |
| 5.72351852 | 14.43 | 26.5637 | 5.91148148 | 14.27 | 25.7748 | 6.0993287 | 13.52 | 20.9812 |
| 5.72363426 | 14.41 | 26.959 | 5.91159722 | 14.22 | 23.7343 | 6.09944444 | 13.52 | 20.7409 |
| 5.72375 | 14.43 | 25.9991 | 5.91171296 | 14.31 | 25.4045 | 6.09956019 | 13.48 | 20.6748 |
| 5.72386574 | 14.43 | 25.7831 | 5.9118287 | 14.31 | 25.3267 | 6.09967593 | 13.51 | 21.5966 |
| 5.72398148 | 14.43 | 26.5637 | 5.91194444 | 14.33 | 25.6612 | 6.09979167 | 13.73 | 23.6193 |
| 5.72409722 | 14.47 | 22.4149 | 5.91206019 | 14.3 | 25.0766 | 6.09990741 | 13.77 | 23.9728 |
| 5.72421296 | 14.53 | 21.8424 | 5.91217593 | 14.22 | 23.0016 | 6.10002315 | 13.82 | 23.7835 |
| 5.7243287 | 14.51 | 22.5362 | 5.91229167 | 14.27 | 23.8026 | 6.10013889 | 13.68 | 22.3672 |
| 5.72444444 | 14.46 | 25.0319 | 5.91240741 | 14.14 | 22.1605 | 6.10025463 | 13.38 | 19.851 |
| 5.72456019 | 14.43 | 26.837 | 5.91252315 | 14.3 | 25.393 | 6.10037037 | 13.38 | 19.3542 |
| 5.72467593 | 14.41 | 26.6435 | 5.91263889 | 14.28 | 23.2484 | 6.10048611 | 13.58 | 22.8821 |
| 5.72479167 | 14.43 | 27.1918 | 5.91275463 | 14.3 | 25.5407 | 6.10060185 | 13.7 | 22.7126 |
| 5.72490741 | 14.43 | 26.4553 | 5.91287037 | 14.28 | 24.5975 | 6.10071759 | 13.68 | 22.9218 |
| 5.72502315 | 14.43 | 25.6228 | 5.91298611 | 14.17 | 21.6309 | 6.10083333 | 13.79 | 23.6586 |
| 5.72513889 | 14.44 | 24.6991 | 5.91310185 | 14.18 | 23.2413 | 6.10094907 | 13.32 | 18.6336 |
| 5.72525463 | 14.46 | 24.6892 | 5.91321759 | 14.28 | 24.9906 | 6.10106482 | 13.39 | 20.691 |
| 5.72537037 | 14.5 | 23.7484 | 5.91333333 | 14.27 | 24.8445 | 6.10118056 | 13.79 | 23.9735 |
| 5.72548611 | 14.49 | 23.3861 | 5.91344907 | 14.02 | 18.1042 | 6.1012963 | 13.44 | 20.1374 |
| 5.72560185 | 14.46 | 26.5037 | 5.91356482 | 14.11 | 19.6222 | 6.10141204 | 13.82 | 24.0494 |
| 5.72571759 | 14.44 | 26.7529 | 5.91368056 | 13.99 | 17.0991 | 6.10152778 | 13.64 | 22.9456 |
| 5.72583333 | 14.46 | 25.1228 | 5.9137963 | 14.18 | 23.5071 | 6.10164352 | 13.45 | 20.5568 |
| 5.72594907 | 14.46 | 24.8378 | 5.91391204 | 14.27 | 24.1827 | 6.10175926 | 13.39 | 19.9072 |
| 5.72606482 | 14.47 | 25.0723 | 5.91402778 | 14.15 | 21.7965 | 6.101875 | 13.44 | 20.9136 |
| 5.72618056 | 14.41 | 27.8176 | 5.91414352 | 14.11 | 20.1016 | 6.10199074 | 13.45 | 20.6435 |
| 5.7262963 | 14.43 | 27.8286 | 5.91425926 | 14.14 | 21.4808 | 6.10210648 | 13.42 | 20.1804 |
| 5.72641204 | 14.43 | 27.6881 | 5.914375 | 14.21 | 22.3714 | 6.10222222 | 13.77 | 24.0753 |
| 5.72652778 | 14.5 | 23.5975 | 5.91449074 | 14.11 | 20.5419 | 6.10233796 | 13.82 | 24.0652 |
| 5.72664352 | 14.44 | 27.5348 | 5.91460648 | 14.08 | 20.7001 | 6.1024537 | 13.63 | 22.4982 |
| 5.72675926 | 14.44 | 26.0683 | 5.91472222 | 14.17 | 22.6446 | 6.10256944 | 13.44 | 20.5434 |
| 5.726875 | 14.5 | 23.1495 | 5.91483796 | 14.12 | 21.2783 | 6.10268519 | 13.29 | 18.7326 |
| 5.72699074 | 14.43 | 27.9449 | 5.9149537 | 13.98 | 18.0465 | 6.10280093 | 13.67 | 23.4129 |
| 5.72710648 | 14.43 | 27.8286 | 5.91506944 | 14.06 | 20.1514 | 6.10291667 | 13.77 | 23.9337 |
| 5.72722222 | 14.51 | 22.8645 | 5.91518519 | 13.98 | 17.6263 | 6.10303241 | 13.36 | 19.2597 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72733796 | 14.46 | 26.9855 | 5.91530093 | 13.99 | 18.6652 | 6.10314815 | 13.61 | 23.2671 |
| 5.7274537 | 14.53 | 22.1949 | 5.91541667 | 13.92 | 17.4779 | 6.10326389 | 13.79 | 23.9239 |
| 5.72756944 | 14.54 | 21.117 | 5.91553241 | 13.84 | 16.8751 | 6.10337963 | 13.63 | 22.0744 |
| 5.72768519 | 14.5 | 25.1796 | 5.91564815 | 13.98 | 18.2559 | 6.10349537 | 13.39 | 19.8214 |
| 5.72780093 | 14.53 | 22.0417 | 5.91576389 | 14.08 | 21.9447 | 6.10361111 | 13.51 | 21.5841 |
| 5.72791667 | 14.56 | 21.0838 | 5.91587963 | 13.98 | 19.0896 | 6.10372685 | 13.63 | 22.9113 |
| 5.72803241 | 14.56 | 20.9864 | 5.91599537 | 13.92 | 18.6595 | 6.10384259 | 13.68 | 22.3133 |
| 5.72814815 | 14.57 | 21.0377 | 5.91611111 | 13.86 | 17.1856 | 6.10395833 | 13.64 | 22.4856 |
| 5.72826389 | 14.56 | 21.1636 | 5.91622685 | 13.89 | 17.5969 | 6.10407407 | 13.79 | 23.7532 |
| 5.72837963 | 14.56 | 20.9703 | 5.91634259 | 14 | 21.5944 | 6.10418982 | 13.76 | 23.3187 |
| 5.72849537 | 14.57 | 20.7635 | 5.91645833 | 13.9 | 17.6225 | 6.10430556 | 13.8 | 23.526 |
| 5.72861111 | 14.56 | 21.3984 | 5.91657407 | 13.93 | 19.5437 | 6.1044213 | 13.61 | 21.7311 |
| 5.72872685 | 14.56 | 21.4279 | 5.91668982 | 13.92 | 17.8863 | 6.10453704 | 13.66 | 22.6204 |
| 5.72884259 | 14.56 | 21.3251 | 5.91680556 | 14.02 | 21.8697 | 6.10465278 | 13.54 | 21.1861 |
| 5.72895833 | 14.54 | 21.3444 | 5.9169213 | 14.02 | 21.3436 | 6.10476852 | 13.51 | 20.8697 |
| 5.72907407 | 14.53 | 21.7224 | 5.91703704 | 13.95 | 17.8666 | 6.10488426 | 13.77 | 23.4516 |
| 5.72918982 | 14.56 | 21.83 | 5.91715278 | 13.96 | 18.4635 | 6.105 | 13.71 | 22.3363 |
| 5.72930556 | 14.56 | 21.4152 | 5.91726852 | 14.02 | 20.2884 | 6.10511574 | 13.61 | 21.9836 |
| 5.7294213 | 14.53 | 23.0502 | 5.91738426 | 14.02 | 19.488 | 6.10523148 | 13.39 | 19.2943 |
| 5.72953704 | 14.53 | 22.8191 | 5.9175 | 13.93 | 18.4407 | 6.10534722 | 13.39 | 20.8421 |
| 5.72965278 | 14.56 | 20.874 | 5.91761574 | 13.93 | 18.6405 | 6.10546296 | 13.36 | 19.4531 |
| 5.72976852 | 14.5 | 24.3451 | 5.91773148 | 13.92 | 18.4238 | 6.1055787 | 13.5 | 20.4312 |
| 5.72988426 | 14.5 | 22.1667 | 5.91784722 | 13.9 | 18.0168 | 6.10569444 | 13.6 | 22.2726 |
| 5.73 | 14.51 | 24.3388 | 5.91796296 | 13.87 | 18.1579 | 6.10581019 | 13.55 | 20.6182 |
| 5.73011574 | 14.51 | 22.8887 | 5.9180787 | 13.86 | 17.7027 | 6.10592593 | 13.48 | 20.6028 |
| 5.73023148 | 14.46 | 25.1523 | 5.91819444 | 13.98 | 19.7917 | 6.10604167 | 13.26 | 18.8009 |
| 5.73034722 | 14.46 | 25.5237 | 5.91831019 | 13.9 | 17.9634 | 6.10615741 | 13.34 | 19.1646 |
| 5.73046296 | 14.47 | 25.2644 | 5.91842593 | 13.89 | 17.7642 | 6.10627315 | 13.77 | 23.4017 |
| 5.7305787 | 14.47 | 24.5728 | 5.91854167 | 14.02 | 22.0116 | 6.10638889 | 13.44 | 19.5121 |
| 5.73069444 | 14.46 | 24.6496 | 5.91865741 | 13.96 | 20.0286 | 6.10650463 | 13.63 | 22.1733 |
| 5.73081019 | 14.47 | 25.2138 | 5.91877315 | 13.92 | 18.0939 | 6.10662037 | 13.6 | 21.9116 |
| 5.73092593 | 14.46 | 25.2708 | 5.91888889 | 13.95 | 18.7624 | 6.10673611 | 13.61 | 21.7628 |
| 5.73104167 | 14.46 | 26.4611 | 5.91900463 | 13.93 | 18.0251 | 6.10685185 | 13.42 | 20.1299 |
| 5.73115741 | 14.44 | 27.4606 | 5.91912037 | 14.15 | 23.4898 | 6.10696759 | 13.83 | 23.9617 |
| 5.73127315 | 14.43 | 27.1641 | 5.91923611 | 14.05 | 21.6767 | 6.10708333 | 13.82 | 23.4137 |
| 5.73138889 | 14.43 | 27.4606 | 5.91935185 | 14.05 | 21.7493 | 6.10719907 | 13.51 | 20.5284 |
| 5.73150463 | 14.41 | 27.5952 | 5.91946759 | 14.06 | 21.858 | 6.10731482 | 13.51 | 21.491 |
| 5.73162037 | 14.46 | 25.6337 | 5.91958333 | 14 | 19.6518 | 6.10743056 | 13.63 | 21.9527 |
| 5.73173611 | 14.47 | 25.2554 | 5.91969907 | 14.02 | 21.1196 | 6.1075463 | 13.48 | 20.6577 |
| 5.73185185 | 14.43 | 27.3203 | 5.91981482 | 14.15 | 23.3815 | 6.10766204 | 13.54 | 21.2282 |
| 5.73196759 | 14.53 | 21.5568 | 5.91993056 | 14.06 | 21.5001 | 6.10777778 | 13.47 | 20.6973 |
| 5.73208333 | 14.54 | 20.5297 | 5.9200463 | 14 | 20.5546 | 6.10789352 | 13.7 | 22.9669 |
| 5.73219907 | 14.51 | 22.9348 | 5.92016204 | 13.99 | 20.3581 | 6.10800926 | 13.76 | 22.9836 |
| 5.73231482 | 14.51 | 23.7292 | 5.92027778 | 13.99 | 20.4481 | 6.108125 | 13.74 | 22.8082 |
| 5.73243056 | 14.59 | 18.268 | 5.92039352 | 13.99 | 20.5162 | 6.10824074 | 13.71 | 22.737 |
| 5.7325463 | 14.47 | 25.7102 | 5.92050926 | 13.98 | 20.4365 | 6.10835648 | 13.7 | 22.4892 |
| 5.73266204 | 14.51 | 22.385 | 5.920625 | 13.98 | 20.5329 | 6.10847222 | 13.55 | 21.1546 |
| 5.73277778 | 14.56 | 20.6608 | 5.92074074 | 13.96 | 20.4753 | 6.10858796 | 13.5 | 20.9588 |
| 5.73289352 | 14.54 | 21.6606 | 5.92085648 | 14 | 21.0662 | 6.1087037 | 13.55 | 22.057 |
| 5.73300926 | 14.46 | 26.9074 | 5.92097222 | 14.02 | 21.2943 | 6.10881944 | 13.64 | 22.5861 |
| 5.733125 | 14.46 | 26.2725 | 5.92108796 | 14.02 | 21.282 | 6.10893519 | 13.67 | 22.6722 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73324074 | 14.5 | 23.0091 | 5.9212037 | 14.03 | 21.2684 | 6.10905093 | 13.76 | 23.1038 |
| 5.73335648 | 14.5 | 22.9092 | 5.92131944 | 14.02 | 21.2841 | 6.10916667 | 13.8 | 23.3984 |
| 5.73347222 | 14.46 | 26.904 | 5.92143519 | 14.03 | 21.3484 | 6.10928241 | 13.77 | 23.0979 |
| 5.73358796 | 14.5 | 23.5924 | 5.92155093 | 14.03 | 21.427 | 6.10939815 | 13.84 | 23.3717 |
| 5.7337037 | 14.49 | 25.0418 | 5.92166667 | 14.03 | 21.5042 | 6.10951389 | 13.95 | 24.0318 |
| 5.73381944 | 14.47 | 25.3961 | 5.92178241 | 14.02 | 21.4951 | 6.10962963 | 13.92 | 23.5385 |
| 5.73393519 | 14.49 | 24.9776 | 5.92189815 | 14.12 | 23.0343 | 6.10974537 | 13.8 | 22.9074 |
| 5.73405093 | 14.49 | 23.6996 | 5.92201389 | 14.08 | 22.3824 | 6.10986111 | 13.71 | 22.6256 |
| 5.73416667 | 14.47 | 24.306 | 5.92212963 | 14.03 | 21.8273 | 6.10997685 | 13.71 | 22.5864 |
| 5.73428241 | 14.47 | 23.785 | 5.92224537 | 14.12 | 23.2031 | 6.11009259 | 13.58 | 21.9251 |
| 5.73439815 | 14.49 | 24.1407 | 5.92236111 | 14.15 | 23.8659 | 6.11020833 | 13.55 | 21.4954 |
| 5.73451389 | 14.44 | 26.081 | 5.92247685 | 14.12 | 23.337 | 6.11032407 | 13.71 | 22.4788 |
| 5.73462963 | 14.5 | 22.2553 | 5.92259259 | 14.02 | 21.0313 | 6.11043982 | 13.8 | 22.9288 |
| 5.73474537 | 14.53 | 21.5739 | 5.92270833 | 14.03 | 21.9446 | 6.11055556 | 13.82 | 22.6931 |
| 5.73486111 | 14.46 | 25.1375 | 5.92282407 | 14.18 | 24.3368 | 6.1106713 | 13.57 | 20.8332 |
| 5.73497685 | 14.44 | 27.4218 | 5.92293982 | 14.06 | 21.9933 | 6.11078704 | 13.34 | 18.9974 |
| 5.73509259 | 14.44 | 26.8638 | 5.92305556 | 14.08 | 22.3824 | 6.11090278 | 13.5 | 20.8403 |
| 5.73520833 | 14.46 | 26.5861 | 5.9231713 | 14.05 | 21.4409 | 6.11101852 | 13.5 | 20.3738 |
| 5.73532407 | 14.47 | 24.1179 | 5.92328704 | 14.05 | 21.9682 | 6.11113426 | 13.2 | 18.1022 |
| 5.73543982 | 14.54 | 20.7716 | 5.92340278 | 13.99 | 21.4181 | 6.11125 | 13.13 | 17.7184 |
| 5.73555556 | 14.57 | 18.7859 | 5.92351852 | 13.98 | 20.3298 | 6.11136574 | 13.28 | 19.3365 |
| 5.7356713 | 14.6 | 17.9943 | 5.92363426 | 14.06 | 22.3735 | 6.11148148 | 13.12 | 17.7446 |
| 5.73578704 | 14.49 | 25.9716 | 5.92375 | 14.05 | 22.5261 | 6.11159722 | 13.09 | 17.5774 |
| 5.73590278 | 14.46 | 26.3535 | 5.92386574 | 14.11 | 22.8788 | 6.11171296 | 13.12 | 17.8803 |
| 5.73601852 | 14.47 | 25.6517 | 5.92398148 | 14.09 | 22.5444 | 6.1118287 | 13.07 | 17.6534 |
| 5.73613426 | 14.56 | 17.0622 | 5.92409722 | 14.15 | 23.7227 | 6.11194444 | 13.09 | 17.6513 |
| 5.73625 | 14.57 | 18.8967 | 5.92421296 | 14.11 | 22.7456 | 6.11206019 | 13.07 | 17.5343 |
| 5.73636574 | 14.5 | 23.5743 | 5.9243287 | 14.03 | 21.7284 | 6.11217593 | 13.07 | 17.547 |
| 5.73648148 | 14.54 | 20.8052 | 5.92444444 | 14.14 | 23.115 | 6.11229167 | 13.07 | 17.547 |
| 5.73659722 | 14.6 | 14.9524 | 5.92456019 | 14.05 | 21.0791 | 6.11240741 | 13.12 | 17.9663 |
| 5.73671296 | 14.57 | 13.52 | 5.92467593 | 13.96 | 19.9998 | 6.11252315 | 13.2 | 18.75 |
| 5.7368287 | 14.57 | 15.3978 | 5.92479167 | 14 | 21.4208 | 6.11263889 | 13.12 | 17.7403 |
| 5.73694444 | 14.51 | 22.6067 | 5.92490741 | 14.02 | 21.5244 | 6.11275463 | 13.1 | 17.8548 |
| 5.73706019 | 14.47 | 24.3998 | 5.92502315 | 14.05 | 21.9202 | 6.11287037 | 13.19 | 17.8099 |
| 5.73717593 | 14.5 | 23.408 | 5.92513889 | 14.03 | 21.8901 | 6.11298611 | 13.15 | 18.0108 |
| 5.73729167 | 14.49 | 24.0221 | 5.92525463 | 14.03 | 21.603 | 6.11310185 | 13.26 | 19.6774 |
| 5.73740741 | 14.46 | 26.3437 | 5.92537037 | 14.03 | 21.6794 | 6.11321759 | 13.26 | 19.0694 |
| 5.73752315 | 14.44 | 25.848 | 5.92548611 | 14.05 | 21.8875 | 6.11333333 | 13.38 | 20.3161 |
| 5.73763889 | 14.5 | 20.0816 | 5.92560185 | 14.02 | 21.3704 | 6.11344907 | 13.42 | 20.5167 |
| 5.73775463 | 14.51 | 15.3692 | 5.92571759 | 14.03 | 21.5461 | 6.11356482 | 13.42 | 20.5973 |
| 5.73787037 | 14.46 | 24.8033 | 5.92583333 | 14.03 | 21.6136 | 6.11368056 | 13.39 | 20.32 |
| 5.73798611 | 14.47 | 22.8446 | 5.92594907 | 14 | 21.3259 | 6.1137963 | 13.5 | 21.1065 |
| 5.73810185 | 14.53 | 18.7148 | 5.92606482 | 14 | 21.3423 | 6.11391204 | 13.45 | 20.7081 |
| 5.73821759 | 14.51 | 19.8042 | 5.92618056 | 14 | 20.7429 | 6.11402778 | 13.47 | 20.8992 |
| 5.73833333 | 14.51 | 19.4698 | 5.9262963 | 13.99 | 20.3862 | 6.11414352 | 13.48 | 20.9443 |
| 5.73844907 | 14.51 | 18.8051 | 5.92641204 | 13.96 | 20.5796 | 6.11425926 | 13.48 | 21.005 |
| 5.73856482 | 14.46 | 26.1729 | 5.92652778 | 14.03 | 21.2868 | 6.114375 | 13.51 | 21.2891 |
| 5.73868056 | 14.44 | 27.5278 | 5.92664352 | 14.02 | 21.5181 | 6.11449074 | 13.5 | 21.1841 |
| 5.7387963 | 14.44 | 27.3692 | 5.92675926 | 14 | 20.5984 | 6.11460648 | 13.55 | 21.6597 |
| 5.73891204 | 14.47 | 24.005 | 5.926875 | 13.96 | 18.8891 | 6.11472222 | 13.61 | 21.8501 |
| 5.73902778 | 14.49 | 24.6334 | 5.92699074 | 14 | 21.1628 | 6.11483796 | 13.76 | 22.8246 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73914352 | 14.47 | 24.064 | 5.92710648 | 14.05 | 22.3975 | 6.1149537 | 13.73 | 22.2866 |
| 5.73925926 | 14.47 | 23.5667 | 5.92722222 | 14.05 | 22.1829 | 6.11506944 | 13.57 | 21.4451 |
| 5.739375 | 14.47 | 24.005 | 5.92733796 | 14.03 | 21.8036 | 6.11518519 | 13.8 | 22.7657 |
| 5.73949074 | 14.51 | 19.6515 | 5.9274537 | 13.99 | 20.1548 | 6.11530093 | 13.86 | 23.1069 |
| 5.73960648 | 14.53 | 18.5998 | 5.92756944 | 14.02 | 21.8286 | 6.11541667 | 13.89 | 22.9876 |
| 5.73972222 | 14.5 | 22.2827 | 5.92768519 | 14.02 | 21.6552 | 6.11553241 | 13.87 | 22.7057 |
| 5.73983796 | 14.51 | 18.98 | 5.92780093 | 14.03 | 21.949 | 6.11564815 | 13.87 | 22.8044 |
| 5.7399537 | 14.51 | 21.292 | 5.92791667 | 14.05 | 22.2165 | 6.11576389 | 13.87 | 23.1714 |
| 5.74006944 | 14.51 | 20.0765 | 5.92803241 | 13.96 | 21.0021 | 6.11587963 | 13.98 | 23.8897 |
| 5.74018519 | 14.54 | 18.6524 | 5.92814815 | 14.03 | 21.9752 | 6.11599537 | 13.77 | 22.5466 |
| 5.74030093 | 14.54 | 15.9838 | 5.92826389 | 13.96 | 19.4123 | 6.11611111 | 13.82 | 23.0029 |
| 5.74041667 | 14.56 | 17.4378 | 5.92837963 | 13.83 | 15.3494 | 6.11622685 | 13.83 | 23.5077 |
| 5.74053241 | 14.51 | 21.7749 | 5.92849537 | 14.02 | 22.1421 | 6.11634259 | 13.73 | 22.3 |
| 5.74064815 | 14.5 | 23.2667 | 5.92861111 | 13.99 | 21.6021 | 6.11645833 | 13.71 | 22.3453 |
| 5.74076389 | 14.47 | 23.8693 | 5.92872685 | 14 | 22.0076 | 6.11657407 | 13.67 | 22.1878 |
| 5.74087963 | 14.5 | 14.3849 | 5.92884259 | 13.92 | 17.8716 | 6.11668982 | 13.6 | 21.7135 |
| 5.74099537 | 14.46 | 24.6666 | 5.92895833 | 13.99 | 21.672 | 6.11680556 | 13.58 | 21.6806 |
| 5.74111111 | 14.44 | 26.9077 | 5.92907407 | 13.96 | 20.4961 | 6.1169213 | 13.68 | 22.5169 |
| 5.74122685 | 14.53 | 15.5419 | 5.92918982 | 14.09 | 22.893 | 6.11703704 | 13.8 | 23.1477 |
| 5.74134259 | 14.56 | 15.0174 | 5.92930556 | 13.87 | 16.7227 | 6.11715278 | 13.77 | 22.7343 |
| 5.74145833 | 14.54 | 16.9542 | 5.9294213 | 13.99 | 22.2757 | 6.11726852 | 13.57 | 21.3572 |
| 5.74157407 | 14.53 | 18.3751 | 5.92953704 | 14.02 | 21.8459 | 6.11738426 | 13.76 | 23.3138 |
| 5.74168982 | 14.57 | 14.9875 | 5.92965278 | 14 | 21.3361 | 6.1175 | 13.71 | 22.4402 |
| 5.74180556 | 14.57 | 14.9721 | 5.92976852 | 13.96 | 20.1925 | 6.11761574 | 13.63 | 22.4279 |
| 5.7419213 | 14.53 | 19.2815 | 5.92988426 | 13.99 | 21.4742 | 6.11773148 | 13.52 | 21.8671 |
| 5.74203704 | 14.56 | 15.584 | 5.93 | 14.02 | 22.1532 | 6.11784722 | 13.73 | 22.9229 |
| 5.74215278 | 14.51 | 21.7596 | 5.93011574 | 14 | 21.9725 | 6.11796296 | 13.64 | 22.6575 |
| 5.74226852 | 14.53 | 16.9681 | 5.93023148 | 14 | 21.7839 | 6.1180787 | 13.58 | 21.3863 |
| 5.74238426 | 14.51 | 22.6516 | 5.93034722 | 14 | 21.8702 | 6.11819444 | 13.7 | 22.5029 |
| 5.7425 | 14.51 | 21.1149 | 5.93046296 | 14.03 | 22.4091 | 6.11831019 | 13.66 | 22.0747 |
| 5.74261574 | 14.56 | 16.8979 | 5.9305787 | 14.02 | 22.4859 | 6.11842593 | 13.58 | 21.3476 |
| 5.74273148 | 14.47 | 24.8256 | 5.93069444 | 14.03 | 22.5887 | 6.11854167 | 13.48 | 20.7281 |
| 5.74284722 | 14.54 | 15.4108 | 5.93081019 | 14.02 | 22.2046 | 6.11865741 | 13.57 | 21.7473 |
| 5.74296296 | 14.49 | 24.5995 | 5.93092593 | 14.02 | 22.424 | 6.11877315 | 13.51 | 21.2367 |
| 5.7430787 | 14.5 | 22.0363 | 5.93104167 | 14 | 22.2475 | 6.11888889 | 13.51 | 21.0476 |
| 5.74319444 | 14.54 | 16.6601 | 5.93115741 | 14.03 | 22.6539 | 6.11900463 | 13.5 | 21.2765 |
| 5.74331019 | 14.51 | 20.208 | 5.93127315 | 14.03 | 22.4985 | 6.11912037 | 13.48 | 21.1672 |
| 5.74342593 | 14.47 | 24.5475 | 5.93138889 | 14.05 | 22.6469 | 6.11923611 | 13.48 | 20.9132 |
| 5.74354167 | 14.53 | 17.9636 | 5.93150463 | 14.03 | 22.5516 | 6.11935185 | 13.47 | 20.8837 |
| 5.74365741 | 14.51 | 22.1024 | 5.93162037 | 14.02 | 22.1221 | 6.11946759 | 13.45 | 20.9588 |
| 5.74377315 | 14.49 | 23.3482 | 5.93173611 | 13.99 | 21.2883 | 6.11958333 | 13.42 | 20.709 |
| 5.74388889 | 14.47 | 24.8141 | 5.93185185 | 13.99 | 21.6127 | 6.11969907 | 13.39 | 20.4452 |
| 5.74400463 | 14.47 | 24.2785 | 5.93196759 | 13.99 | 21.4077 | 6.11981482 | 13.38 | 20.5606 |
| 5.74412037 | 14.49 | 22.089 | 5.93208333 | 14 | 21.7882 | 6.11993056 | 13.41 | 20.7832 |
| 5.74423611 | 14.49 | 24.9225 | 5.93219907 | 13.99 | 20.9027 | 6.1200463 | 13.44 | 20.9252 |
| 5.74435185 | 14.47 | 25.134 | 5.93231482 | 13.98 | 20.8885 | 6.12016204 | 13.41 | 20.7488 |
| 5.74446759 | 14.47 | 24.7284 | 5.93243056 | 13.95 | 20.1793 | 6.12027778 | 13.38 | 20.5456 |
| 5.74458333 | 14.46 | 24.6129 | 5.9325463 | 13.92 | 19.1473 | 6.12039352 | 13.41 | 20.7469 |
| 5.74469907 | 14.47 | 24.5812 | 5.93266204 | 13.86 | 17.3653 | 6.12050926 | 13.42 | 20.8663 |
| 5.74481482 | 14.5 | 21.9784 | 5.93277778 | 13.84 | 16.9156 | 6.120625 | 13.41 | 20.812 |
| 5.74493056 | 14.46 | 25.3696 | 5.93289352 | 13.82 | 16.8018 | 6.12074074 | 13.42 | 20.8451 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7450463 | 14.46 | 24.7518 | 5.93300926 | 13.82 | 16.8125 | 6.12085648 | 13.45 | 21.0038 |
| 5.74516204 | 14.46 | 25.8285 | 5.933125 | 13.82 | 17.5531 | 6.12097222 | 13.42 | 20.9615 |
| 5.74527778 | 14.49 | 23.5495 | 5.93324074 | 13.86 | 18.5956 | 6.12108796 | 13.48 | 20.9834 |
| 5.74539352 | 14.47 | 24.4497 | 5.93335648 | 13.8 | 17.2971 | 6.1212037 | 13.55 | 21.9466 |
| 5.74550926 | 14.46 | 25.8379 | 5.93347222 | 13.79 | 16.9687 | 6.12131944 | 13.55 | 21.8714 |
| 5.745625 | 14.46 | 25.8254 | 5.93358796 | 13.74 | 16.3321 | 6.12143519 | 13.48 | 21.0799 |
| 5.74574074 | 14.46 | 25.9948 | 5.9337037 | 13.73 | 16.7127 | 6.12155093 | 13.47 | 20.9615 |
| 5.74585648 | 14.46 | 26.5366 | 5.93381944 | 13.86 | 18.8013 | 6.12166667 | 13.93 | 24.309 |
| 5.74597222 | 14.47 | 24.7626 | 5.93393519 | 13.83 | 19.2169 | 6.12178241 | 13.8 | 23.0269 |
| 5.74608796 | 14.46 | 24.9069 | 5.93405093 | 13.67 | 15.8301 | 6.12189815 | 13.71 | 22.8826 |
| 5.7462037 | 14.46 | 26.7224 | 5.93416667 | 13.76 | 16.5071 | 6.12201389 | 13.87 | 23.7811 |
| 5.74631944 | 14.44 | 26.3151 | 5.93428241 | 13.77 | 17.9706 | 6.12212963 | 13.77 | 23.2536 |
| 5.74643519 | 14.46 | 25.8535 | 5.93439815 | 13.84 | 20.2497 | 6.12224537 | 13.87 | 23.9264 |
| 5.74655093 | 14.46 | 25.7045 | 5.93451389 | 13.95 | 21.9747 | 6.12236111 | 13.87 | 23.9029 |
| 5.74666667 | 14.49 | 23.4905 | 5.93462963 | 13.73 | 16.6676 | 6.12247685 | 13.89 | 23.5442 |
| 5.74678241 | 14.47 | 24.3528 | 5.93474537 | 13.68 | 17.4437 | 6.12259259 | 13.74 | 23.9497 |
| 5.74689815 | 14.44 | 26.6396 | 5.93486111 | 13.99 | 22.7055 | 6.12270833 | 13.84 | 23.3742 |
| 5.74701389 | 14.46 | 25.3756 | 5.93497685 | 13.83 | 19.4675 | 6.12282407 | 13.67 | 22.1216 |
| 5.74712963 | 14.47 | 24.6206 | 5.93509259 | 13.77 | 19.423 | 6.12293982 | 13.67 | 22.4272 |
| 5.74724537 | 14.47 | 24.889 | 5.93520833 | 13.74 | 17.9418 | 6.12305556 | 13.71 | 22.4356 |
| 5.74736111 | 14.46 | 24.6072 | 5.93532407 | 13.83 | 19.7122 | 6.1231713 | 13.64 | 22.4311 |
| 5.74747685 | 14.46 | 25.5481 | 5.93543982 | 13.82 | 19.6669 | 6.12328704 | 13.58 | 21.7883 |
| 5.74759259 | 14.44 | 25.9734 | 5.93555556 | 13.89 | 20.6898 | 6.12340278 | 13.68 | 22.6501 |
| 5.74770833 | 14.44 | 25.1888 | 5.9356713 | 13.84 | 21.3342 | 6.12351852 | 13.83 | 23.1808 |
| 5.74782407 | 14.46 | 24.6213 | 5.93578704 | 13.98 | 22.0278 | 6.12363426 | 13.74 | 22.5206 |
| 5.74793982 | 14.44 | 25.5795 | 5.93590278 | 13.98 | 21.9817 | 6.12375 | 13.52 | 20.8255 |
| 5.74805556 | 14.44 | 25.4217 | 5.93601852 | 14.02 | 23.0817 | 6.12386574 | 13.71 | 23.0135 |
| 5.7481713 | 14.44 | 25.5338 | 5.93613426 | 14.03 | 22.8902 | 6.12398148 | 13.61 | 21.8973 |
| 5.74828704 | 14.43 | 25.6565 | 5.93625 | 14 | 22.4425 | 6.12409722 | 13.51 | 21.0634 |
| 5.74840278 | 14.44 | 24.8793 | 5.93636574 | 13.98 | 22.0939 | 6.12421296 | 13.54 | 21.6968 |
| 5.74851852 | 14.46 | 15.682 | 5.93648148 | 13.98 | 22.4839 | 6.1243287 | 13.51 | 21.1726 |
| 5.74863426 | 14.49 | 21.8079 | 5.93659722 | 14.03 | 23.1342 | 6.12444444 | 13.51 | 21.1149 |
| 5.74875 | 14.46 | 25.3786 | 5.93671296 | 14.02 | 23.0283 | 6.12456019 | 13.5 | 20.8848 |
| 5.74886574 | 14.46 | 25.46 | 5.9368287 | 14 | 22.6902 | 6.12467593 | 13.48 | 20.8241 |
| 5.74898148 | 14.47 | 24.4442 | 5.93694444 | 14.03 | 23.0442 | 6.12479167 | 13.64 | 22.35 |
| 5.74909722 | 14.46 | 24.4088 | 5.93706019 | 14.03 | 23.0296 | 6.12490741 | 13.55 | 21.5679 |
| 5.74921296 | 14.47 | 18.7452 | 5.93717593 | 14.02 | 22.6621 | 6.12502315 | 13.47 | 20.5348 |
| 5.7493287 | 14.47 | 23.8482 | 5.93729167 | 13.98 | 22.125 | 6.12513889 | 13.61 | 21.6594 |
| 5.74944444 | 14.47 | 23.426 | 5.93740741 | 13.77 | 17.1801 | 6.12525463 | 13.48 | 20.7721 |
| 5.74956019 | 14.46 | 24.3205 | 5.93752315 | 13.93 | 21.5998 | 6.12537037 | 13.44 | 20.6243 |
| 5.74967593 | 14.46 | 23.886 | 5.93763889 | 13.98 | 21.9773 | 6.12548611 | 13.42 | 20.485 |
| 5.74979167 | 14.46 | 24.7633 | 5.93775463 | 13.95 | 21.0634 | 6.12560185 | 13.41 | 20.381 |
| 5.74990741 | 14.46 | 24.5931 | 5.93787037 | 14.03 | 23.193 | 6.12571759 | 13.41 | 20.5726 |
| 5.75002315 | 14.44 | 24.6481 | 5.93798611 | 14.09 | 24.104 | 6.12583333 | 13.41 | 20.567 |
| 5.75013889 | 14.44 | 24.7332 | 5.93810185 | 13.8 | 17.9818 | 6.12594907 | 13.41 | 20.5764 |
| 5.75025463 | 14.46 | 24.7604 | 5.93821759 | 13.77 | 17.7367 | 6.12606482 | 13.41 | 20.6234 |
| 5.75037037 | 14.46 | 23.7361 | 5.93833333 | 13.74 | 17.7578 | 6.12618056 | 13.41 | 20.6348 |
| 5.75048611 | 14.46 | 24.2629 | 5.93844907 | 13.79 | 18.0965 | 6.1262963 | 13.42 | 20.7071 |
| 5.75060185 | 14.47 | 24.5615 | 5.93856482 | 13.77 | 18.0745 | 6.12641204 | 13.42 | 20.6672 |
| 5.75071759 | 14.46 | 24.6439 | 5.93868056 | 13.76 | 17.9856 | 6.12652778 | 13.42 | 20.7166 |
| 5.75083333 | 14.46 | 24.1214 | 5.9387963 | 13.68 | 16.7371 | 6.12664352 | 13.42 | 20.7319 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.75094907 | 14.46 | 24.4421 | 5.93891204 | 13.73 | 17.7349 | 6.12675926 | 13.42 | 20.6786 |
| 5.75106482 | 14.46 | 24.5146 | 5.93902778 | 13.74 | 17.8436 | 6.126875 | 13.42 | 20.7701 |
| 5.75118056 | 14.46 | 23.658 | 5.93914352 | 13.7 | 17.2765 | 6.12699074 | 13.44 | 20.7497 |
| 5.7512963 | 14.46 | 24.61 | 5.93925926 | 13.66 | 16.0431 | 6.12710648 | 13.42 | 20.7893 |
| 5.75141204 | 14.46 | 24.4978 | 5.939375 | 13.67 | 16.8605 | 6.12722222 | 13.44 | 20.813 |
| 5.75152778 | 14.46 | 24.6581 | 5.93949074 | 13.86 | 21.5465 | 6.12733796 | 13.44 | 20.8342 |
| 5.75164352 | 14.46 | 24.8263 | 5.93960648 | 13.76 | 17.6118 | 6.1274537 | 13.48 | 21.2352 |
| 5.75175926 | 14.44 | 24.6707 | 5.93972222 | 13.68 | 15.6929 | 6.12756944 | 13.5 | 21.325 |
| 5.751875 | 14.46 | 24.5763 | 5.93983796 | 13.84 | 20.5333 | 6.12768519 | 13.48 | 21.1912 |
| 5.75199074 | 14.46 | 23.3359 | 5.9399537 | 13.64 | 15.0705 | 6.12780093 | 13.55 | 22.1555 |
| 5.75210648 | 14.46 | 23.0966 | 5.94006944 | 13.58 | 14.7092 | 6.12791667 | 13.8 | 23.4858 |
| 5.75222222 | 14.46 | 24.8177 | 5.94018519 | 13.61 | 15.3181 | 6.12803241 | 13.76 | 23.3014 |
| 5.75233796 | 14.44 | 24.0181 | 5.94030093 | 13.58 | 14.4831 | 6.12814815 | 13.93 | 24.2497 |
| 5.7524537 | 14.46 | 23.9791 | 5.94041667 | 13.8 | 19.3186 | 6.12826389 | 13.5 | 20.9315 |
| 5.75256944 | 14.44 | 23.0519 | 5.94053241 | 13.66 | 15.499 | 6.12837963 | 13.68 | 22.8015 |
| 5.75268519 | 14.43 | 19.9097 | 5.94064815 | 13.67 | 15.9745 | 6.12849537 | 13.84 | 23.6636 |
| 5.75280093 | 14.46 | 24.456 | 5.94076389 | 13.79 | 17.7275 | 6.12861111 | 13.96 | 24.377 |
| 5.75291667 | 14.46 | 23.2831 | 5.94087963 | 13.77 | 18.2504 | 6.12872685 | 13.63 | 21.5688 |
| 5.75303241 | 14.46 | 24.5314 | 5.94099537 | 13.67 | 15.9329 | 6.12884259 | 13.71 | 22.8166 |
| 5.75314815 | 14.46 | 25.2828 | 5.94111111 | 13.73 | 17.4634 | 6.12895833 | 13.83 | 23.1346 |
| 5.75326389 | 14.44 | 25.2451 | 5.94122685 | 13.67 | 16.292 | 6.12907407 | 13.54 | 21.0667 |
| 5.75337963 | 14.46 | 24.3784 | 5.94134259 | 13.67 | 16.2251 | 6.12918982 | 13.55 | 21.4789 |
| 5.75349537 | 14.46 | 24.1838 | 5.94145833 | 13.89 | 19.6712 | 6.12930556 | 13.61 | 21.9403 |
| 5.75361111 | 14.46 | 21.8509 | 5.94157407 | 13.8 | 19.2584 | 6.1294213 | 13.54 | 21.1961 |
| 5.75372685 | 14.47 | 24.6094 | 5.94168982 | 13.96 | 22.5323 | 6.12953704 | 13.48 | 20.9893 |
| 5.75384259 | 14.46 | 24.7804 | 5.94180556 | 13.98 | 22.1539 | 6.12965278 | 13.54 | 21.2262 |
| 5.75395833 | 14.46 | 24.6326 | 5.9419213 | 14.05 | 23.5785 | 6.12976852 | 13.48 | 20.8918 |
| 5.75407407 | 14.47 | 24.3942 | 5.94203704 | 14.06 | 23.6107 | 6.12988426 | 13.47 | 21.0498 |
| 5.75418982 | 14.47 | 22.7558 | 5.94215278 | 14.11 | 23.9616 | 6.13 | 13.51 | 21.0772 |
| 5.75430556 | 14.47 | 24.4887 | 5.94226852 | 14.08 | 23.6496 | 6.13011574 | 13.44 | 20.2351 |
| 5.7544213 | 14.46 | 24.855 | 5.94238426 | 14.09 | 23.7104 | 6.13023148 | 13.58 | 22.0116 |
| 5.75453704 | 14.46 | 24.9012 | 5.9425 | 14.09 | 23.511 | 6.13034722 | 13.55 | 21.5243 |
| 5.75465278 | 14.46 | 24.7461 | 5.94261574 | 14.11 | 23.7162 | 6.13046296 | 13.52 | 21.3179 |
| 5.75476852 | 14.46 | 24.523 | 5.94273148 | 14.08 | 23.3636 | 6.1305787 | 13.55 | 21.4071 |
| 5.75488426 | 14.46 | 24.7947 | 5.94284722 | 14.05 | 23.0081 | 6.13069444 | 13.52 | 21.1911 |
| 5.755 | 14.46 | 24.7861 | 5.94296296 | 14.03 | 23.0417 | 6.13081019 | 13.52 | 21.2795 |
| 5.75511574 | 14.47 | 24.7227 | 5.9430787 | 14.02 | 22.7207 | 6.13092593 | 13.52 | 21.322 |
| 5.75523148 | 14.46 | 24.7861 | 5.94319444 | 13.96 | 21.4888 | 6.13104167 | 13.18 | 17.2086 |
| 5.75534722 | 14.46 | 24.6978 | 5.94331019 | 13.98 | 22.2186 | 6.13115741 | 13.26 | 18.7426 |
| 5.75546296 | 14.47 | 24.5671 | 5.94342593 | 13.92 | 20.3112 | 6.13127315 | 13.2 | 17.6261 |
| 5.7555787 | 14.46 | 24.8867 | 5.94354167 | 13.92 | 20.0385 | 6.13138889 | 13.71 | 23.4183 |
| 5.75569444 | 14.47 | 24.7028 | 5.94365741 | 13.87 | 19.8693 | 6.13150463 | 13.66 | 22.0179 |
| 5.75581019 | 14.46 | 24.6213 | 5.94377315 | 13.71 | 16.4396 | 6.13162037 | 13.61 | 21.6364 |
| 5.75592593 | 14.46 | 24.7063 | | | | | | |

DrEx 114

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.58424769 | 14.99 | 1.9042 | 5.7621412 | 14.39 | 26.2888 | 5.94003472 | 13.83 | 17.5712 |
| 5.58436343 | 14.89 | 8.28 | 5.76225694 | 14.38 | 26.016 | 5.94015046 | 13.86 | 18.2224 |
| 5.58447917 | 14.98 | 4.919 | 5.76237269 | 14.39 | 26.4678 | 5.9402662 | 13.7 | 12.7039 |
| 5.58459491 | 14.96 | 6.3421 | 5.76248843 | 14.38 | 26.024 | 5.94038194 | 14.09 | 24.1942 |
| 5.58471065 | 14.99 | 4.7382 | 5.76260417 | 14.37 | 24.072 | 5.94049769 | 13.91 | 18.7947 |
| 5.58482639 | 14.94 | 7.1916 | 5.76271991 | 14.38 | 25.8236 | 5.94061343 | 13.7 | 13.5372 |
| 5.58494213 | 14.94 | 7.4514 | 5.76283565 | 14.35 | 23.2006 | 5.94072917 | 13.68 | 13.7903 |
| 5.58505787 | 14.93 | 6.4656 | 5.76295139 | 14.34 | 21.7401 | 5.94084491 | 13.69 | 13.7372 |
| 5.58517361 | 14.9 | 10.1203 | 5.76306713 | 14.37 | 25.5748 | 5.94096065 | 13.68 | 13.3498 |
| 5.58528935 | 14.94 | 8.1622 | 5.76318287 | 14.37 | 24.8935 | 5.94107639 | 13.63 | 11.9357 |
| 5.58540509 | 14.87 | 9.929 | 5.76329861 | 14.37 | 23.6909 | 5.94119213 | 13.64 | 12.2248 |
| 5.58552083 | 14.95 | 6.7691 | 5.76341435 | 14.35 | 20.5108 | 5.94130787 | 13.61 | 10.117 |
| 5.58563657 | 14.83 | 18.172 | 5.76353009 | 14.37 | 23.3915 | 5.94142361 | 13.64 | 12.2755 |
| 5.58575232 | 14.93 | 5.4928 | 5.76364583 | 14.35 | 21.2136 | 5.94153935 | 13.63 | 10.82 |
| 5.58586806 | 14.9 | 10.4983 | 5.76376157 | 14.37 | 22.0778 | 5.94165509 | 13.57 | 9.0455 |
| 5.5859838 | 14.72 | 15.8588 | 5.76387732 | 14.37 | 23.0654 | 5.94177083 | 13.57 | 8.3912 |
| 5.58609954 | 14.94 | 6.2146 | 5.76399306 | 14.38 | 23.6231 | 5.94188657 | 13.56 | 8.3322 |
| 5.58621528 | 14.9 | 11.5406 | 5.7641088 | 14.38 | 24.5058 | 5.94200232 | 13.56 | 8.4357 |
| 5.58633102 | 14.87 | 9.9318 | 5.76422454 | 14.38 | 24.8348 | 5.94211806 | 13.55 | 8.8465 |
| 5.58644676 | 14.82 | 16.0519 | 5.76434028 | 14.38 | 24.7877 | 5.9422338 | 13.52 | 9.3244 |
| 5.5865625 | 14.9 | 7.7491 | 5.76445602 | 14.37 | 22.09 | 5.94234954 | 13.55 | 10.352 |
| 5.58667824 | 14.91 | 6.8024 | 5.76457176 | 14.38 | 24.8051 | 5.94246528 | 13.48 | 8.4316 |
| 5.58679398 | 14.93 | 5.1029 | 5.7646875 | 14.38 | 25.4098 | 5.94258102 | 13.52 | 10.6558 |
| 5.58690972 | 14.91 | 9.0427 | 5.76480324 | 14.37 | 25.7693 | 5.94269676 | 13.53 | 10.2431 |
| 5.58702546 | 14.93 | 8.2247 | 5.76491898 | 14.38 | 25.7256 | 5.9428125 | 13.5 | 8.9657 |
| 5.5871412 | 14.87 | 9.6267 | 5.76503472 | 14.38 | 25.7944 | 5.94292824 | 13.5 | 8.7784 |
| 5.58725694 | 14.87 | 11.6978 | 5.76515046 | 14.38 | 25.6362 | 5.94304398 | 13.47 | 8.7494 |
| 5.58737269 | 14.81 | 14.418 | 5.7652662 | 14.38 | 25.8821 | 5.94315972 | 13.46 | 8.7296 |
| 5.58748843 | 14.52 | 27.1842 | 5.76538194 | 14.39 | 25.7006 | 5.94327546 | 13.46 | 8.7219 |
| 5.58760417 | 14.69 | 20.1062 | 5.76549769 | 14.38 | 25.8076 | 5.9433912 | 13.46 | 8.9975 |
| 5.58771991 | 14.68 | 19.3826 | 5.76561343 | 14.38 | 26.2299 | 5.94350694 | 13.46 | 8.7926 |
| 5.58783565 | 14.78 | 12.6646 | 5.76572917 | 14.38 | 26.0699 | 5.94362269 | 13.43 | 8.7875 |
| 5.58795139 | 14.83 | 11.8811 | 5.76584491 | 14.38 | 25.2659 | 5.94373843 | 13.44 | 8.752 |
| 5.58806713 | 14.93 | 6.6939 | 5.76596065 | 14.38 | 26.1077 | 5.94385417 | 13.44 | 8.8229 |
| 5.58818287 | 14.81 | 13.9035 | 5.76607639 | 14.38 | 25.8475 | 5.94396991 | 13.44 | 8.8598 |
| 5.58829861 | 14.73 | 17.4957 | 5.76619213 | 14.38 | 25.7679 | 5.94408565 | 13.42 | 8.7591 |
| 5.58841435 | 14.73 | 17.362 | 5.76630787 | 14.38 | 24.5715 | 5.94420139 | 13.42 | 8.7403 |
| 5.58853009 | 14.85 | 9.084 | 5.76642361 | 14.38 | 25.9088 | 5.94431713 | 13.43 | 9.0123 |
| 5.58864583 | 14.72 | 19.3745 | 5.76653935 | 14.39 | 25.6218 | 5.94443287 | 13.4 | 8.6939 |
| 5.58876157 | 14.85 | 10.3059 | 5.76665509 | 14.38 | 25.8103 | 5.94454861 | 13.38 | 8.6636 |
| 5.58887732 | 14.73 | 17.7806 | 5.76677083 | 14.38 | 25.9061 | 5.94466435 | 13.38 | 8.6425 |
| 5.58899306 | 14.77 | 15.2919 | 5.76688657 | 14.38 | 25.9302 | 5.94478009 | 13.37 | 8.5545 |
| 5.5891088 | 14.8 | 14.817 | 5.76700232 | 14.38 | 26.2682 | 5.94489583 | 13.35 | 8.4743 |
| 5.58922454 | 14.83 | 12.0812 | 5.76711806 | 14.38 | 25.805 | 5.94501157 | 13.34 | 8.4715 |
| 5.58934028 | 14.82 | 13.7061 | 5.7672338 | 14.38 | 24.4041 | 5.94512732 | 13.35 | 8.5195 |
| 5.58945602 | 14.81 | 15.0616 | 5.76734954 | 14.38 | 25.5187 | 5.94524306 | 13.37 | 8.5856 |
| 5.58957176 | 14.77 | 15.8895 | 5.76746528 | 14.38 | 26.1429 | 5.9453588 | 13.37 | 8.5966 |
| 5.5896875 | 14.85 | 12.8272 | 5.76758102 | 14.38 | 26.1945 | 5.94547454 | 13.37 | 8.5949 |
| 5.58980324 | 14.78 | 15.5748 | 5.76769676 | 14.38 | 26.3065 | 5.94559028 | 13.35 | 8.6019 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58991898 | 14.85 | 11.263 | 5.7678125 | 14.38 | 26.0618 | 5.94570602 | 13.35 | 8.6137 |
| 5.59003472 | 14.9 | 9.7665 | 5.76792824 | 14.37 | 26.2312 | 5.94582176 | 13.34 | 8.621 |
| 5.59015046 | 14.85 | 11.495 | 5.76804398 | 14.38 | 26.024 | 5.9459375 | 13.34 | 8.665 |
| 5.5902662 | 14.76 | 16.7609 | 5.76815972 | 14.37 | 24.3215 | 5.94605324 | 13.42 | 9.2742 |
| 5.59038194 | 14.7 | 18.7745 | 5.76827546 | 14.38 | 25.5161 | 5.94616898 | 13.4 | 9.2586 |
| 5.59049769 | 14.77 | 15.8869 | 5.7683912 | 14.38 | 26.1483 | 5.94628472 | 13.43 | 9.677 |
| 5.59061343 | 14.64 | 22.264 | 5.76850694 | 14.38 | 26.3724 | 5.94640046 | 13.4 | 9.3144 |
| 5.59072917 | 14.74 | 16.5299 | 5.76862269 | 14.38 | 26.3752 | 5.9465162 | 13.39 | 9.3746 |
| 5.59084491 | 14.8 | 13.9151 | 5.76873843 | 14.38 | 26.5107 | 5.94663194 | 13.39 | 9.0749 |
| 5.59096065 | 14.78 | 15.1814 | 5.76885417 | 14.38 | 26.312 | 5.94674769 | 13.39 | 9.1466 |
| 5.59107639 | 14.8 | 13.0201 | 5.76896991 | 14.38 | 26.4996 | 5.94686343 | 13.39 | 9.0461 |
| 5.59119213 | 14.74 | 15.5357 | 5.76908565 | 14.38 | 26.4719 | 5.94697917 | 13.38 | 8.9963 |
| 5.59130787 | 14.7 | 19.3492 | 5.76920139 | 14.39 | 25.9502 | 5.94709491 | 13.37 | 8.964 |
| 5.59142361 | 14.78 | 14.2548 | 5.76931713 | 14.38 | 26.312 | 5.94721065 | 13.37 | 8.8441 |
| 5.59153935 | 14.74 | 17.108 | 5.76943287 | 14.37 | 25.6297 | 5.94732639 | 13.38 | 9.011 |
| 5.59165509 | 14.65 | 21.503 | 5.76954861 | 14.39 | 26.2232 | 5.94744213 | 13.37 | 8.9527 |
| 5.59177083 | 14.74 | 15.8925 | 5.76966435 | 14.38 | 26.6811 | 5.94755787 | 13.37 | 9.0909 |
| 5.59188657 | 14.61 | 21.7051 | 5.76978009 | 14.38 | 26.6026 | 5.94767361 | 13.38 | 9.1104 |
| 5.59200232 | 14.57 | 21.8596 | 5.76989583 | 14.37 | 25.5591 | 5.94778935 | 13.38 | 9.0546 |
| 5.59211806 | 14.54 | 23.274 | 5.77001157 | 14.37 | 26.2585 | 5.94790509 | 13.39 | 9.1396 |
| 5.5922338 | 14.61 | 19.0789 | 5.77012732 | 14.38 | 26.5719 | 5.94802083 | 13.38 | 9.1929 |
| 5.59234954 | 14.64 | 20.4167 | 5.77024306 | 14.37 | 26.4704 | 5.94813657 | 13.38 | 9.0537 |
| 5.59246528 | 14.5 | 25.6175 | 5.7703588 | 14.37 | 26.7301 | 5.94825232 | 13.35 | 9.0242 |
| 5.59258102 | 14.6 | 23.2337 | 5.77047454 | 14.37 | 26.8659 | 5.94836806 | 13.37 | 9.0901 |
| 5.59269676 | 14.44 | 27.8702 | 5.77059028 | 14.37 | 26.8177 | 5.9484838 | 13.37 | 8.9544 |
| 5.5928125 | 14.54 | 26.4823 | 5.77070602 | 14.37 | 26.7442 | 5.94859954 | 13.37 | 9.0726 |
| 5.59292824 | 14.39 | 28.6192 | 5.77082176 | 14.37 | 26.6151 | 5.94871528 | 13.38 | 9.2343 |
| 5.59304398 | 14.41 | 28.2783 | 5.7709375 | 14.38 | 26.3257 | 5.94883102 | 13.37 | 9.084 |
| 5.59315972 | 14.39 | 28.5024 | 5.77105324 | 14.37 | 26.4372 | 5.94894676 | 13.35 | 9.073 |
| 5.59327546 | 14.39 | 28.4177 | 5.77116898 | 14.38 | 26.6895 | 5.9490625 | 13.35 | 9.1009 |
| 5.5933912 | 14.39 | 28.4835 | 5.77128472 | 14.37 | 26.6207 | 5.94917824 | 13.35 | 9.1491 |
| 5.59350694 | 14.46 | 27.3754 | 5.77140046 | 14.38 | 26.6362 | 5.94929398 | 13.35 | 9.1351 |
| 5.59362269 | 14.43 | 27.8895 | 5.7715162 | 14.38 | 26.6222 | 5.94940972 | 13.35 | 9.1816 |
| 5.59373843 | 14.42 | 28.0062 | 5.77163194 | 14.38 | 26.6138 | 5.94952546 | 13.35 | 9.1368 |
| 5.59385417 | 14.43 | 27.2998 | 5.77174769 | 14.38 | 26.5413 | 5.9496412 | 13.35 | 9.276 |
| 5.59396991 | 14.43 | 27.932 | 5.77186343 | 14.37 | 26.6655 | 5.94975694 | 13.37 | 9.2615 |
| 5.59408565 | 14.54 | 24.6442 | 5.77197917 | 14.37 | 26.6291 | 5.94987269 | 13.35 | 9.2371 |
| 5.59420139 | 14.44 | 27.7344 | 5.77209491 | 14.38 | 26.8221 | 5.94998843 | 13.35 | 9.1878 |
| 5.59431713 | 14.43 | 28.2111 | 5.77221065 | 14.38 | 26.6362 | 5.95010417 | 13.35 | 9.1904 |
| 5.59443287 | 14.41 | 28.4218 | 5.77232639 | 14.38 | 26.712 | 5.95021991 | 13.35 | 9.1992 |
| 5.59454861 | 14.41 | 28.3999 | 5.77244213 | 14.38 | 26.667 | 5.95033565 | 13.35 | 9.2151 |
| 5.59466435 | 14.41 | 28.1608 | 5.77255787 | 14.38 | 26.7995 | 5.95045139 | 13.35 | 9.2283 |
| 5.59478009 | 14.56 | 20.9482 | 5.77267361 | 14.38 | 26.5024 | 5.95056713 | 13.35 | 9.1957 |
| 5.59489583 | 14.5 | 26.2473 | 5.77278935 | 14.38 | 26.2791 | 5.95068287 | 13.34 | 9.1849 |
| 5.59501157 | 14.42 | 28.2556 | 5.77290509 | 14.38 | 26.653 | 5.95079861 | 13.35 | 9.2362 |
| 5.59512732 | 14.44 | 27.7885 | 5.77302083 | 14.38 | 26.7853 | 5.95091435 | 13.35 | 9.2151 |
| 5.59524306 | 14.43 | 24.3319 | 5.77313657 | 14.38 | 26.7176 | 5.95103009 | 13.35 | 9.1412 |
| 5.5953588 | 14.52 | 24.7804 | 5.77325232 | 14.38 | 26.743 | 5.95114583 | 13.35 | 9.0913 |
| 5.59547454 | 14.41 | 28.5223 | 5.77336806 | 14.37 | 25.756 | 5.95126157 | 13.35 | 9.1509 |
| 5.59559028 | 14.39 | 28.5907 | 5.7734838 | 14.38 | 26.5024 | 5.95137732 | 13.37 | 9.1058 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59570602 | 14.43 | 25.8968 | 5.77359954 | 14.38 | 26.4331 | 5.95149306 | 13.35 | 8.9972 |
| 5.59582176 | 14.51 | 25.0926 | 5.77371528 | 14.38 | 26.8051 | 5.9516088 | 13.37 | 8.8828 |
| 5.5959375 | 14.51 | 25.1918 | 5.77383102 | 14.38 | 26.7345 | 5.95172454 | 13.35 | 9.0616 |
| 5.59605324 | 14.57 | 23.0239 | 5.77394676 | 14.38 | 26.6334 | 5.95184028 | 13.35 | 9.025 |
| 5.59616898 | 14.42 | 28.4741 | 5.7740625 | 14.37 | 26.8319 | 5.95195602 | 13.37 | 9.1119 |
| 5.59628472 | 14.5 | 23.5004 | 5.77417824 | 14.38 | 26.4746 | 5.95207176 | 13.37 | 9.0099 |
| 5.59640046 | 14.42 | 28.3926 | 5.77429398 | 14.42 | 21.1164 | 5.9521875 | 13.38 | 9.1017 |
| 5.5965162 | 14.43 | 27.0877 | 5.77440972 | 14.38 | 16.859 | 5.95230324 | 13.38 | 9.3575 |
| 5.59663194 | 14.56 | 21.4897 | 5.77452546 | 14.38 | 26.5552 | 5.95241898 | 13.37 | 9.1435 |
| 5.59674769 | 14.54 | 25.8158 | 5.7746412 | 14.37 | 24.1831 | 5.95253472 | 13.38 | 9.1542 |
| 5.59686343 | 14.46 | 27.5557 | 5.77475694 | 14.37 | 24.8512 | 5.95265046 | 13.37 | 9.0377 |
| 5.59697917 | 14.43 | 26.3468 | 5.77487269 | 14.37 | 24.951 | 5.9527662 | 13.38 | 9.1569 |
| 5.59709491 | 14.41 | 28.0808 | 5.77498843 | 14.38 | 23.3295 | 5.95288194 | 13.38 | 9.244 |
| 5.59721065 | 14.44 | 25.1963 | 5.77510417 | 14.39 | 17.2004 | 5.95299769 | 13.37 | 9.1093 |
| 5.59732639 | 14.48 | 22.7426 | 5.77521991 | 14.38 | 23.9532 | 5.95311343 | 13.38 | 9.1402 |
| 5.59744213 | 14.39 | 28.1537 | 5.77533565 | 14.37 | 25.5487 | 5.95322917 | 13.38 | 9.1841 |
| 5.59755787 | 14.39 | 28.2805 | 5.77545139 | 14.38 | 26.2381 | 5.95334491 | 13.38 | 9.1911 |
| 5.59767361 | 14.39 | 28.2062 | 5.77556713 | 14.37 | 26.4178 | 5.95346065 | 13.38 | 9.3184 |
| 5.59778935 | 14.41 | 28.1177 | 5.77568287 | 14.38 | 24.3704 | 5.95357639 | 13.38 | 9.2017 |
| 5.59790509 | 14.38 | 28.4093 | 5.77579861 | 14.39 | 24.6165 | 5.95369213 | 13.38 | 9.2423 |
| 5.59802083 | 14.39 | 28.3895 | 5.77591435 | 14.39 | 22.2533 | 5.95380787 | 13.42 | 9.523 |
| 5.59813657 | 14.38 | 28.3126 | 5.77603009 | 14.38 | 25.1258 | 5.95392361 | 13.4 | 9.5037 |
| 5.59825232 | 14.38 | 28.2599 | 5.77614583 | 14.39 | 24.0126 | 5.95403935 | 13.4 | 9.5649 |
| 5.59836806 | 14.38 | 28.5223 | 5.77626157 | 14.39 | 25.244 | 5.95415509 | 13.42 | 9.5491 |
| 5.5984838 | 14.38 | 28.4595 | 5.77637732 | 14.42 | 21.9459 | 5.95427083 | 13.4 | 9.7657 |
| 5.59859954 | 14.38 | 28.5318 | 5.77649306 | 14.39 | 23.7269 | 5.95438657 | 13.38 | 9.665 |
| 5.59871528 | 14.37 | 28.6213 | 5.7766088 | 14.41 | 21.9819 | 5.95450232 | 13.37 | 9.549 |
| 5.59883102 | 14.37 | 28.6055 | 5.77672454 | 14.42 | 22.739 | 5.95461806 | 13.34 | 9.4763 |
| 5.59894676 | 14.37 | 28.6467 | 5.77684028 | 14.41 | 22.6041 | 5.9547338 | 13.33 | 9.4429 |
| 5.5990625 | 14.37 | 28.7166 | 5.77695602 | 14.41 | 24.118 | 5.95484954 | 13.31 | 9.5026 |
| 5.59917824 | 14.37 | 28.6816 | 5.77707176 | 14.42 | 22.3544 | 5.95496528 | 13.3 | 9.4629 |
| 5.59929398 | 14.38 | 28.3251 | 5.7771875 | 14.41 | 24.4336 | 5.95508102 | 13.31 | 9.4649 |
| 5.59940972 | 14.38 | 28.375 | 5.77730324 | 14.41 | 23.2247 | 5.95519676 | 13.31 | 9.4721 |
| 5.59952546 | 14.37 | 28.5865 | 5.77741898 | 14.41 | 23.9324 | 5.9553125 | 13.31 | 9.4963 |
| 5.5996412 | 14.37 | 28.577 | 5.77753472 | 14.41 | 24.853 | 5.95542824 | 13.33 | 9.6612 |
| 5.59975694 | 14.37 | 28.6625 | 5.77765046 | 14.39 | 25.2491 | 5.95554398 | 13.31 | 9.4918 |
| 5.59987269 | 14.37 | 28.6086 | 5.7777662 | 14.39 | 24.6999 | 5.95565972 | 13.31 | 9.4819 |
| 5.59998843 | 14.37 | 28.6498 | 5.77788194 | 14.38 | 26.6811 | 5.95577546 | 13.31 | 9.464 |
| 5.60010417 | 14.38 | 28.516 | 5.77799769 | 14.39 | 25.7243 | 5.9558912 | 13.31 | 9.4685 |
| 5.60021991 | 14.37 | 28.5802 | 5.77811343 | 14.39 | 25.3491 | 5.95600694 | 13.31 | 9.4335 |
| 5.60033565 | 14.37 | 28.6784 | 5.77822917 | 14.39 | 25.7058 | 5.95612269 | 13.31 | 9.3425 |
| 5.60045139 | 14.37 | 28.723 | 5.77834491 | 14.39 | 25.16 | 5.95623843 | 13.31 | 9.4505 |
| 5.60056713 | 14.37 | 28.6848 | 5.77846065 | 14.39 | 25.7878 | 5.95635417 | 13.31 | 9.4156 |
| 5.60068287 | 14.38 | 28.5918 | 5.77857639 | 14.39 | 25.6218 | 5.95646991 | 13.31 | 9.3398 |
| 5.60079861 | 14.37 | 28.7007 | 5.77869213 | 14.39 | 24.9031 | 5.95658565 | 13.33 | 9.4009 |
| 5.60091435 | 14.37 | 28.5833 | 5.77880787 | 14.38 | 25.9703 | 5.95670139 | 13.31 | 9.307 |
| 5.60103009 | 14.37 | 28.6498 | 5.77892361 | 14.39 | 26.3052 | 5.95681713 | 13.33 | 9.2375 |
| 5.60114583 | 14.37 | 28.6816 | 5.77903935 | 14.38 | 26.2109 | 5.95693287 | 13.33 | 9.3288 |
| 5.60126157 | 14.38 | 28.5255 | 5.77915509 | 14.39 | 25.8462 | 5.95704861 | 13.55 | 12.6774 |
| 5.60137732 | 14.61 | 18.9307 | 5.77927083 | 14.39 | 25.5903 | 5.95716435 | 13.35 | 9.4739 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60149306 | 14.42 | 27.8815 | 5.77938657 | 14.39 | 26.2041 | 5.95728009 | 13.38 | 9.952 |
| 5.6016088 | 14.42 | 27.3536 | 5.77950232 | 14.39 | 25.344 | 5.95739583 | 13.39 | 10.1647 |
| 5.60172454 | 14.41 | 28.353 | 5.77961806 | 14.39 | 25.719 | 5.95751157 | 13.42 | 10.4289 |
| 5.60184028 | 14.39 | 28.4145 | 5.7797338 | 14.39 | 26.3574 | 5.95762732 | 13.37 | 9.5697 |
| 5.60195602 | 14.39 | 28.4114 | 5.77984954 | 14.38 | 25.9757 | 5.95774306 | 13.35 | 9.4264 |
| 5.60207176 | 14.39 | 28.3396 | 5.77996528 | 14.39 | 25.4576 | 5.9578588 | 13.37 | 9.8798 |
| 5.6021875 | 14.41 | 27.9585 | 5.78008102 | 14.38 | 25.4797 | 5.95797454 | 13.34 | 9.2466 |
| 5.60230324 | 14.43 | 28.1001 | 5.78019676 | 14.39 | 25.6769 | 5.95809028 | 13.35 | 9.3221 |
| 5.60241898 | 14.39 | 28.4835 | 5.7803125 | 14.39 | 25.1523 | 5.95820602 | 13.33 | 9.0768 |
| 5.60253472 | 14.39 | 28.4427 | 5.78042824 | 14.39 | 25.8834 | 5.95832176 | 13.31 | 9.12 |
| 5.60265046 | 14.39 | 28.4271 | 5.78054398 | 14.39 | 25.089 | 5.9584375 | 13.33 | 9.0228 |
| 5.6027662 | 14.41 | 28.3968 | 5.78065972 | 14.38 | 24.5715 | 5.95855324 | 13.31 | 8.7228 |
| 5.60288194 | 14.41 | 28.4218 | 5.78077546 | 14.39 | 24.816 | 5.95866898 | 13.38 | 9.9659 |
| 5.60299769 | 14.41 | 28.4437 | 5.7808912 | 14.41 | 23.123 | 5.95878472 | 13.33 | 8.8344 |
| 5.60311343 | 14.41 | 28.2721 | 5.78100694 | 14.41 | 23.6757 | 5.95890046 | 13.35 | 9.4148 |
| 5.60322917 | 14.41 | 28.0532 | 5.78112269 | 14.42 | 23.5328 | 5.9590162 | 13.37 | 10.1681 |
| 5.60334491 | 14.41 | 28.325 | 5.78123843 | 14.41 | 23.548 | 5.95913194 | 13.37 | 9.4099 |
| 5.60346065 | 14.39 | 28.3583 | 5.78135417 | 14.42 | 23.8449 | 5.95924769 | 13.39 | 10.2635 |
| 5.60357639 | 14.44 | 27.1096 | 5.78146991 | 14.42 | 23.8309 | 5.95936343 | 13.42 | 10.1755 |
| 5.60369213 | 14.44 | 27.4425 | 5.78158565 | 14.42 | 23.9426 | 5.95947917 | 13.46 | 11.2658 |
| 5.60380787 | 14.6 | 20.2344 | 5.78170139 | 14.42 | 23.9613 | 5.95959491 | 13.37 | 9.3974 |
| 5.60392361 | 14.64 | 21.5144 | 5.78181713 | 14.43 | 23.8387 | 5.95971065 | 13.66 | 14.8777 |
| 5.60403935 | 14.72 | 14.8485 | 5.78193287 | 14.42 | 23.6034 | 5.95982639 | 13.81 | 16.482 |
| 5.60415509 | 14.47 | 27.4864 | 5.78204861 | 14.42 | 23.5487 | 5.95994213 | 13.64 | 12.3084 |
| 5.60427083 | 14.55 | 23.0774 | 5.78216435 | 14.41 | 24.052 | 5.96005787 | 13.63 | 13.2784 |
| 5.60438657 | 14.55 | 23.2635 | 5.78228009 | 14.42 | 24.1782 | 5.96017361 | 13.69 | 14.4947 |
| 5.60450232 | 14.55 | 24.0574 | 5.78239583 | 14.41 | 23.9862 | 5.96028935 | 13.69 | 14.1783 |
| 5.60461806 | 14.6 | 22.105 | 5.78251157 | 14.41 | 24.1844 | 5.96040509 | 13.55 | 11.9293 |
| 5.6047338 | 14.51 | 25.4128 | 5.78262732 | 14.41 | 24.4312 | 5.96052083 | 13.46 | 10.2325 |
| 5.60484954 | 14.47 | 27.2017 | 5.78274306 | 14.39 | 25.1727 | 5.96063657 | 13.61 | 12.553 |
| 5.60496528 | 14.44 | 27.4042 | 5.7828588 | 14.39 | 25.2824 | 5.96075232 | 13.59 | 12.131 |
| 5.60508102 | 14.44 | 27.1356 | 5.78297454 | 14.41 | 24.7094 | 5.96086806 | 13.78 | 15.5972 |
| 5.60519676 | 14.44 | 26.9515 | 5.78309028 | 14.39 | 25.2875 | 5.9609838 | 13.82 | 16.0229 |
| 5.6053125 | 14.43 | 27.5117 | 5.78320602 | 14.39 | 25.4576 | 5.96109954 | 13.89 | 16.7034 |
| 5.60542824 | 14.46 | 26.9262 | 5.78332176 | 14.39 | 25.6953 | 5.96121528 | 13.86 | 16.1067 |
| 5.60554398 | 14.51 | 25.5116 | 5.7834375 | 14.39 | 25.6375 | 5.96133102 | 13.92 | 16.932 |
| 5.60565972 | 14.47 | 26.4883 | 5.78355324 | 14.39 | 25.7164 | 5.96144676 | 13.87 | 16.5325 |
| 5.60577546 | 14.54 | 23.5923 | 5.78366898 | 14.39 | 25.7454 | 5.9615625 | 13.65 | 11.8033 |
| 5.6058912 | 14.52 | 24.8077 | 5.78378472 | 14.39 | 25.8382 | 5.96167824 | 13.89 | 16.0295 |
| 5.60600694 | 14.51 | 25.956 | 5.78390046 | 14.38 | 25.7019 | 5.96179398 | 13.72 | 13.2061 |
| 5.60612269 | 14.46 | 27.0294 | 5.7840162 | 14.39 | 25.4058 | 5.96190972 | 13.73 | 14.0123 |
| 5.60623843 | 14.55 | 22.3842 | 5.78413194 | 14.41 | 25.0483 | 5.96202546 | 13.69 | 12.7604 |
| 5.60635417 | 14.43 | 27.2822 | 5.78424769 | 14.39 | 25.7217 | 5.9621412 | 13.77 | 14.9681 |
| 5.60646991 | 14.47 | 25.5927 | 5.78436343 | 14.39 | 25.3569 | 5.96225694 | 13.77 | 15.532 |
| 5.60658565 | 14.54 | 23.9789 | 5.78447917 | 14.39 | 25.4809 | 5.96237269 | 13.78 | 15.5689 |
| 5.60670139 | 14.51 | 24.5285 | 5.78459491 | 14.39 | 25.2824 | 5.96248843 | 13.77 | 14.3774 |
| 5.60681713 | 14.46 | 26.8549 | 5.78471065 | 14.39 | 25.1956 | 5.96260417 | 13.65 | 13.1399 |
| 5.60693287 | 14.43 | 27.6665 | 5.78482639 | 14.39 | 25.3672 | 5.96271991 | 13.6 | 11.2509 |
| 5.60704861 | 14.41 | 27.621 | 5.78494213 | 14.39 | 25.8302 | 5.96283565 | 13.68 | 12.6542 |
| 5.60716435 | 14.39 | 28.1969 | 5.78505787 | 14.39 | 25.4835 | 5.96295139 | 13.6 | 11.2209 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60728009 | 14.37 | 28.4323 | 5.78517361 | 14.39 | 25.0739 | 5.96306713 | 13.77 | 15.3705 |
| 5.60739583 | 14.42 | 26.7946 | 5.78528935 | 14.39 | 25.6191 | 5.96318287 | 13.76 | 14.3644 |
| 5.60751157 | 14.41 | 27.1277 | 5.78540509 | 14.39 | 25.5642 | 5.96329861 | 13.51 | 8.725 |
| 5.60762732 | 14.38 | 28.2909 | 5.78552083 | 14.39 | 24.6925 | 5.96341435 | 13.69 | 12.5797 |
| 5.60774306 | 14.38 | 28.1209 | 5.78563657 | 14.41 | 24.8555 | 5.96353009 | 13.56 | 9.7634 |
| 5.6078588 | 14.38 | 28.1579 | 5.78575232 | 14.41 | 24.7094 | 5.96364583 | 13.5 | 8.5726 |
| 5.60797454 | 14.37 | 28.4323 | 5.78586806 | 14.41 | 23.8232 | 5.96376157 | 13.52 | 9.0869 |
| 5.60809028 | 14.38 | 28.2754 | 5.7859838 | 14.41 | 24.7291 | 5.96387732 | 13.78 | 14.6573 |
| 5.60820602 | 14.38 | 28.2351 | 5.78609954 | 14.42 | 24.5755 | 5.96399306 | 13.81 | 15.279 |
| 5.60832176 | 14.38 | 28.4125 | 5.78621528 | 14.42 | 24.283 | 5.9641088 | 13.82 | 15.8069 |
| 5.6084375 | 14.37 | 28.5391 | 5.78633102 | 14.41 | 25.0837 | 5.96422454 | 13.81 | 15.4167 |
| 5.60855324 | 14.37 | 28.5234 | 5.78644676 | 14.41 | 25.0761 | 5.96434028 | 13.83 | 15.8784 |
| 5.60866898 | 14.38 | 28.3718 | 5.7865625 | 14.42 | 24.2257 | 5.96445602 | 13.82 | 15.7459 |
| 5.60878472 | 14.37 | 28.5517 | 5.78667824 | 14.42 | 24.869 | 5.96457176 | 13.86 | 16.2519 |
| 5.60890046 | 14.37 | 28.6308 | 5.78679398 | 14.42 | 24.9941 | 5.9646875 | 13.86 | 16.0222 |
| 5.6090162 | 14.35 | 28.5917 | 5.78690972 | 14.43 | 25.0481 | 5.96480324 | 13.86 | 16.1798 |
| 5.60913194 | 14.38 | 27.2735 | 5.78702546 | 14.42 | 25.245 | 5.96491898 | 13.87 | 16.4632 |
| 5.60924769 | 14.37 | 28.5612 | 5.7871412 | 14.42 | 25.3553 | 5.96503472 | 13.91 | 17.8787 |
| 5.60936343 | 14.37 | 28.5833 | 5.78725694 | 14.41 | 25.3954 | 5.96515046 | 13.9 | 17.429 |
| 5.60947917 | 14.39 | 27.469 | 5.78737269 | 14.42 | 25.1279 | 5.9652662 | 13.91 | 17.7983 |
| 5.60959491 | 14.46 | 24.9333 | 5.78748843 | 14.42 | 25.1812 | 5.96538194 | 13.92 | 17.6916 |
| 5.60971065 | 14.39 | 27.9943 | 5.78760417 | 14.43 | 25.1163 | 5.96549769 | 13.92 | 17.8145 |
| 5.60982639 | 14.38 | 28.3282 | 5.78771991 | 14.42 | 25.2629 | 5.96561343 | 13.99 | 20.3152 |
| 5.60994213 | 14.37 | 28.6118 | 5.78783565 | 14.41 | 25.5746 | 5.96572917 | 13.94 | 18.6913 |
| 5.61005787 | 14.38 | 28.516 | 5.78795139 | 14.41 | 25.4445 | 5.96584491 | 14 | 20.7849 |
| 5.61017361 | 14.37 | 28.2392 | 5.78806713 | 14.41 | 25.3412 | 5.96596065 | 14 | 20.5435 |
| 5.61028935 | 14.38 | 28.3937 | 5.78818287 | 14.39 | 24.5043 | 5.96607639 | 14.02 | 21.0687 |
| 5.61040509 | 14.37 | 28.4951 | 5.78829861 | 14.42 | 25.2603 | 5.96619213 | 13.96 | 20.2953 |
| 5.61052083 | 14.38 | 28.2475 | 5.78841435 | 14.42 | 25.2578 | 5.96630787 | 13.99 | 21.1834 |
| 5.61063657 | 14.38 | 28.322 | 5.78853009 | 14.39 | 24.9081 | 5.96642361 | 13.96 | 20.3702 |
| 5.61075232 | 14.38 | 28.35 | 5.78864583 | 14.41 | 25.1979 | 5.96653935 | 13.99 | 21.2272 |
| 5.61086806 | 14.38 | 28.4344 | 5.78876157 | 14.39 | 25.1118 | 5.96665509 | 14 | 21.0532 |
| 5.6109838 | 14.37 | 28.5014 | 5.78887732 | 14.41 | 25.4212 | 5.96677083 | 13.99 | 20.5815 |
| 5.61109954 | 14.38 | 28.425 | 5.78899306 | 14.39 | 24.6581 | 5.96688657 | 13.96 | 20.4744 |
| 5.61121528 | 14.38 | 28.4375 | 5.7891088 | 14.39 | 26.0389 | 5.96700232 | 13.92 | 18.7088 |
| 5.61133102 | 14.38 | 28.3781 | 5.78922454 | 14.37 | 23.1115 | 5.96711806 | 14.02 | 21.2565 |
| 5.61144676 | 14.38 | 28.4312 | 5.78934028 | 14.34 | 22.2035 | 5.9672338 | 13.99 | 20.41 |
| 5.6115625 | 14.38 | 28.4187 | 5.78945602 | 14.39 | 25.1676 | 5.96734954 | 14.02 | 21.3044 |
| 5.61167824 | 14.39 | 28.2712 | 5.78957176 | 14.34 | 22.5685 | 5.96746528 | 14.05 | 21.8232 |
| 5.61179398 | 14.39 | 28.1321 | 5.7896875 | 14.29 | 19.8131 | 5.96758102 | 14.07 | 21.8938 |
| 5.61190972 | 14.41 | 28.1577 | 5.78980324 | 14.29 | 21.1566 | 5.96769676 | 14.09 | 21.9629 |
| 5.61202546 | 14.41 | 27.9799 | 5.78991898 | 14.33 | 23.2925 | 5.9678125 | 14.11 | 22.4185 |
| 5.6121412 | 14.41 | 28.0501 | 5.79003472 | 14.3 | 22.666 | 5.96792824 | 14.11 | 22.7069 |
| 5.61225694 | 14.39 | 28.2619 | 5.79015046 | 14.31 | 22.7006 | 5.96804398 | 14.08 | 22.3154 |
| 5.61237269 | 14.39 | 28.0707 | 5.7902662 | 14.28 | 19.6588 | 5.96815972 | 14.07 | 21.3479 |
| 5.61248843 | 14.39 | 28.3116 | 5.79038194 | 14.3 | 22.4611 | 5.96827546 | 13.98 | 20.9143 |
| 5.61260417 | 14.39 | 28.3583 | 5.79049769 | 14.3 | 22.0869 | 5.9683912 | 14.02 | 21.5872 |
| 5.61271991 | 14.39 | 28.3833 | 5.79061343 | 14.25 | 18.0748 | 5.96850694 | 13.92 | 20.1817 |
| 5.61283565 | 14.39 | 28.3833 | 5.79072917 | 14.24 | 17.4022 | 5.96862269 | 13.9 | 19.88 |
| 5.61295139 | 14.39 | 28.3958 | 5.79084491 | 14.22 | 17.1372 | 5.96873843 | 13.91 | 20.445 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61306713 | 14.39 | 28.3958 | 5.79096065 | 14.22 | 16.7129 | 5.96885417 | 13.79 | 16.5777 |
| 5.61318287 | 14.39 | 28.3365 | 5.79107639 | 14.22 | 16.7793 | 5.96896991 | 13.83 | 17.6915 |
| 5.61329861 | 14.43 | 27.0647 | 5.79119213 | 14.24 | 16.8248 | 5.96908565 | 13.82 | 18.2581 |
| 5.61341435 | 14.51 | 23.5945 | 5.79130787 | 14.22 | 16.8572 | 5.96920139 | 13.76 | 15.5143 |
| 5.61353009 | 14.47 | 25.1438 | 5.79142361 | 14.22 | 16.8669 | 5.96931713 | 13.68 | 13.6399 |
| 5.61364583 | 14.47 | 26.3472 | 5.79153935 | 14.22 | 16.913 | 5.96943287 | 13.65 | 11.4664 |
| 5.61376157 | 14.41 | 28.2566 | 5.79165509 | 14.22 | 16.9649 | 5.96954861 | 13.61 | 10.9469 |
| 5.61387732 | 14.41 | 28.2287 | 5.79177083 | 14.22 | 16.9467 | 5.96966435 | 13.69 | 14.5187 |
| 5.61399306 | 14.41 | 28.1978 | 5.79188657 | 14.22 | 16.8279 | 5.96978009 | 13.68 | 13.6479 |
| 5.6141088 | 14.41 | 28.3499 | 5.79200232 | 14.22 | 16.8363 | 5.96989583 | 13.66 | 12.3031 |
| 5.61422454 | 14.41 | 28.2939 | 5.79211806 | 14.24 | 16.9043 | 5.97001157 | 13.64 | 11.8373 |
| 5.61434028 | 14.39 | 28.4177 | 5.7922338 | 14.22 | 16.9102 | 5.97012732 | 13.64 | 12.1636 |
| 5.61445602 | 14.39 | 28.4804 | 5.79234954 | 14.22 | 16.9074 | 5.97024306 | 13.64 | 12.1437 |
| 5.61457176 | 14.39 | 28.3864 | 5.79246528 | 14.22 | 16.9004 | 5.9703588 | 13.63 | 12.0368 |
| 5.6146875 | 14.39 | 27.7731 | 5.79258102 | 14.24 | 17.0463 | 5.97047454 | 13.63 | 11.8084 |
| 5.61480324 | 14.42 | 27.0457 | 5.79269676 | 14.24 | 17.1597 | 5.97059028 | 13.64 | 12.5207 |
| 5.61491898 | 14.43 | 26.9213 | 5.7928125 | 14.25 | 17.4557 | 5.97070602 | 13.64 | 11.9056 |
| 5.61503472 | 14.46 | 25.678 | 5.79292824 | 14.25 | 17.7537 | 5.97082176 | 13.63 | 11.722 |
| 5.61515046 | 14.42 | 27.7637 | 5.79304398 | 14.24 | 17.2139 | 5.9709375 | 13.64 | 11.8198 |
| 5.6152662 | 14.42 | 27.6826 | 5.79315972 | 14.26 | 19.8975 | 5.97105324 | 13.66 | 12.5368 |
| 5.61538194 | 14.42 | 27.7546 | 5.79327546 | 14.26 | 19.6485 | 5.97116898 | 13.66 | 12.4703 |
| 5.61549769 | 14.41 | 28.3001 | 5.7933912 | 14.26 | 18.4969 | 5.97128472 | 13.65 | 12.5293 |
| 5.61561343 | 14.39 | 28.4333 | 5.79350694 | 14.26 | 19.1177 | 5.97140046 | 13.65 | 12.1531 |
| 5.61572917 | 14.39 | 28.2154 | 5.79362269 | 14.25 | 18.1952 | 5.9715162 | 13.7 | 13.4375 |
| 5.61584491 | 14.39 | 28.3271 | 5.79373843 | 14.24 | 17.7375 | 5.97163194 | 13.72 | 13.9752 |
| 5.61596065 | 14.41 | 27.9281 | 5.79385417 | 14.25 | 18.0188 | 5.97174769 | 13.7 | 13.5576 |
| 5.61607639 | 14.39 | 28.2619 | 5.79396991 | 14.25 | 17.9765 | 5.97186343 | 13.73 | 14.01 |
| 5.61619213 | 14.41 | 27.9799 | 5.79408565 | 14.25 | 18.5314 | 5.97197917 | 13.74 | 14.6035 |
| 5.61630787 | 14.41 | 27.8463 | 5.79420139 | 14.26 | 19.1489 | 5.97209491 | 13.78 | 15.6782 |
| 5.61642361 | 14.41 | 28.0226 | 5.79431713 | 14.26 | 18.8359 | 5.97221065 | 13.76 | 15.6657 |
| 5.61653935 | 14.41 | 28.0869 | 5.79443287 | 14.25 | 18.5566 | 5.97232639 | 13.77 | 15.4098 |
| 5.61665509 | 14.39 | 28.3489 | 5.79454861 | 14.25 | 18.2136 | 5.97244213 | 13.77 | 15.4543 |
| 5.61677083 | 14.43 | 26.7763 | 5.79466435 | 14.25 | 18.3755 | 5.97255787 | 13.81 | 17.3959 |
| 5.61688657 | 14.42 | 27.8028 | 5.79478009 | 14.26 | 21.0006 | 5.97267361 | 13.72 | 14.6159 |
| 5.61700232 | 14.39 | 28.2 | 5.79489583 | 14.24 | 17.9405 | 5.97278935 | 13.82 | 18.0966 |
| 5.61711806 | 14.42 | 27.3536 | 5.79501157 | 14.26 | 19.8335 | 5.97290509 | 13.78 | 17.6953 |
| 5.6172338 | 14.41 | 27.7558 | 5.79512732 | 14.24 | 17.7272 | 5.97302083 | 13.79 | 15.6021 |
| 5.61734954 | 14.39 | 28.2805 | 5.79524306 | 14.24 | 18.2106 | 5.97313657 | 13.79 | 17.9643 |
| 5.61746528 | 14.39 | 28.3302 | 5.7953588 | 14.24 | 18.6386 | 5.97325232 | 13.76 | 16.1193 |
| 5.61758102 | 14.38 | 28.4469 | 5.79547454 | 14.25 | 18.6923 | 5.97336806 | 13.66 | 12.3434 |
| 5.61769676 | 14.39 | 27.6741 | 5.79559028 | 14.24 | 18.1297 | 5.9734838 | 13.74 | 16.9508 |
| 5.6178125 | 14.42 | 27.4124 | 5.79570602 | 14.24 | 19.015 | 5.97359954 | 13.7 | 13.8454 |
| 5.61792824 | 14.39 | 28.166 | 5.79582176 | 14.25 | 18.6006 | 5.97371528 | 13.74 | 15.3939 |
| 5.61804398 | 14.39 | 28.1753 | 5.7959375 | 14.25 | 19.5163 | 5.97383102 | 13.79 | 18.6233 |
| 5.61815972 | 14.39 | 27.5995 | 5.79605324 | 14.24 | 17.882 | 5.97394676 | 13.78 | 18.1123 |
| 5.61827546 | 14.41 | 27.615 | 5.79616898 | 14.22 | 17.6477 | 5.9740625 | 13.81 | 20.1423 |
| 5.6183912 | 14.41 | 28.0287 | 5.79628472 | 14.22 | 17.6374 | 5.97417824 | 13.73 | 17.3483 |
| 5.61850694 | 14.39 | 28.2 | 5.79640046 | 14.22 | 18.1359 | 5.97429398 | 13.77 | 18.6613 |
| 5.61862269 | 14.39 | 27.8788 | 5.7965162 | 14.21 | 17.7884 | 5.97440972 | 13.76 | 17.2246 |
| 5.61873843 | 14.39 | 27.6203 | 5.79663194 | 14.22 | 17.7067 | 5.97452546 | 13.78 | 21.1791 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61885417 | 14.41 | 27.6538 | 5.79674769 | 14.22 | 17.9738 | 5.9746412 | 13.76 | 17.1151 |
| 5.61896991 | 14.42 | 27.2892 | 5.79686343 | 14.22 | 18.06 | 5.97475694 | 13.78 | 18.7434 |
| 5.61908565 | 14.41 | 28.0012 | 5.79697917 | 14.24 | 18.2782 | 5.97487269 | 13.7 | 14.1287 |
| 5.61920139 | 14.39 | 28.1383 | 5.79709491 | 14.24 | 18.2813 | 5.97498843 | 13.68 | 13.4693 |
| 5.61931713 | 14.39 | 28.377 | 5.79721065 | 14.24 | 18.2536 | 5.97510417 | 13.72 | 17.9219 |
| 5.61943287 | 14.38 | 28.2971 | 5.79732639 | 14.24 | 18.3245 | 5.97521991 | 13.73 | 16.668 |
| 5.61954861 | 14.44 | 26.4837 | 5.79744213 | 14.22 | 18.3231 | 5.97533565 | 13.77 | 18.4408 |
| 5.61966435 | 14.41 | 27.6538 | 5.79755787 | 14.22 | 18.3015 | 5.97545139 | 13.83 | 22.0928 |
| 5.61978009 | 14.41 | 27.919 | 5.79767361 | 14.22 | 18.3154 | 5.97556713 | 13.72 | 16.3769 |
| 5.61989583 | 14.39 | 28.0799 | 5.79778935 | 14.24 | 18.402 | 5.97568287 | 13.73 | 17.7922 |
| 5.62001157 | 14.38 | 28.3656 | 5.79790509 | 14.24 | 18.3029 | 5.97579861 | 13.7 | 16.5073 |
| 5.62012732 | 14.39 | 28.1876 | 5.79802083 | 14.22 | 18.0675 | 5.97591435 | 13.68 | 15.9193 |
| 5.62024306 | 14.39 | 27.9334 | 5.79813657 | 14.24 | 18.6275 | 5.97603009 | 13.68 | 14.2173 |
| 5.6203588 | 14.39 | 28.2278 | 5.79825232 | 14.24 | 18.4237 | 5.97614583 | 13.72 | 14.8693 |
| 5.62047454 | 14.39 | 27.9638 | 5.79836806 | 14.24 | 18.6639 | 5.97626157 | 13.73 | 17.3612 |
| 5.62059028 | 14.41 | 27.7919 | 5.7984838 | 14.24 | 18.5503 | 5.97637732 | 13.7 | 13.7705 |
| 5.62070602 | 14.38 | 28.3126 | 5.79859954 | 14.22 | 18.7131 | 5.97649306 | 13.68 | 12.3444 |
| 5.62082176 | 14.44 | 24.7891 | 5.79871528 | 14.24 | 18.7975 | 5.9766088 | 13.68 | 12.2448 |
| 5.6209375 | 14.46 | 25.657 | 5.79883102 | 14.25 | 19.7389 | 5.97672454 | 13.68 | 11.8447 |
| 5.62105324 | 14.42 | 27.4183 | 5.79894676 | 14.24 | 18.8648 | 5.97684028 | 13.65 | 11.8456 |
| 5.62116898 | 14.47 | 25.154 | 5.7990625 | 14.24 | 19.1276 | 5.97695602 | 13.72 | 13.8406 |
| 5.62128472 | 14.46 | 26.1488 | 5.79917824 | 14.24 | 19.1653 | 5.97707176 | 13.7 | 11.8613 |
| 5.62140046 | 14.47 | 25.2791 | 5.79929398 | 14.24 | 19.4961 | 5.9771875 | 13.72 | 11.7809 |
| 5.6215162 | 14.48 | 25.1475 | 5.79940972 | 14.24 | 19.1194 | 5.97730324 | 13.73 | 12.7222 |
| 5.62163194 | 14.47 | 25.7692 | 5.79952546 | 14.24 | 19.2245 | 5.97741898 | 13.63 | 10.5754 |
| 5.62174769 | 14.48 | 25.9224 | 5.7996412 | 14.22 | 18.9989 | 5.97753472 | 13.61 | 11.8528 |
| 5.62186343 | 14.51 | 23.8084 | 5.79975694 | 14.24 | 19.4608 | 5.97765046 | 13.64 | 12.2037 |
| 5.62197917 | 14.59 | 19.7624 | 5.79987269 | 14.22 | 18.9648 | 5.9777662 | 13.66 | 12.9981 |
| 5.62209491 | 14.56 | 20.8302 | 5.79998843 | 14.24 | 19.3805 | 5.97788194 | 13.66 | 12.6694 |
| 5.62221065 | 14.48 | 26.4759 | 5.80010417 | 14.24 | 19.4843 | 5.97799769 | 13.66 | 13.1043 |
| 5.62232639 | 14.57 | 20.6912 | 5.80021991 | 14.24 | 19.294 | 5.97811343 | 13.63 | 11.4915 |
| 5.62244213 | 14.48 | 25.2547 | 5.80033565 | 14.24 | 19.4206 | 5.97822917 | 13.65 | 13.7756 |
| 5.62255787 | 14.54 | 22.8411 | 5.80045139 | 14.22 | 18.5207 | 5.97834491 | 13.63 | 10.305 |
| 5.62267361 | 14.48 | 24.5401 | 5.80056713 | 14.21 | 19.0607 | 5.97846065 | 13.65 | 11.8477 |
| 5.62278935 | 14.5 | 24.8403 | 5.80068287 | 14.21 | 18.9843 | 5.97857639 | 13.68 | 12.5905 |
| 5.62290509 | 14.46 | 26.3815 | 5.80079861 | 14.22 | 19.4507 | 5.97869213 | 13.74 | 14.1575 |
| 5.62302083 | 14.46 | 26.4951 | 5.80091435 | 14.2 | 18.2786 | 5.97880787 | 13.68 | 13.6102 |
| 5.62313657 | 14.44 | 26.9515 | 5.80103009 | 14.24 | 19.9303 | 5.97892361 | 13.53 | 10.8863 |
| 5.62325232 | 14.46 | 26.8407 | 5.80114583 | 14.2 | 18.8457 | 5.97903935 | 13.57 | 11.1321 |
| 5.62336806 | 14.42 | 28.2618 | 5.80126157 | 14.2 | 18.4256 | 5.97915509 | 13.63 | 11.3332 |
| 5.6234838 | 14.46 | 26.4562 | 5.80137732 | 14.17 | 18.5807 | 5.97927083 | 13.6 | 10.6838 |
| 5.62359954 | 14.42 | 27.5901 | 5.80149306 | 14.24 | 21.469 | 5.97938657 | 13.53 | 9.679 |
| 5.62371528 | 14.42 | 28.2339 | 5.8016088 | 14.33 | 25.7008 | 5.97950232 | 13.66 | 13.162 |
| 5.62383102 | 14.42 | 27.9666 | 5.80172454 | 14.3 | 23.4291 | 5.97961806 | 13.57 | 10.9337 |
| 5.62394676 | 14.41 | 28.4187 | 5.80184028 | 14.2 | 19.2592 | 5.9797338 | 13.55 | 11.1508 |
| 5.6240625 | 14.41 | 28.4062 | 5.80195602 | 14.29 | 24.0322 | 5.97984954 | 13.47 | 8.6206 |
| 5.62417824 | 14.41 | 28.3811 | 5.80207176 | 14.25 | 21.7925 | 5.97996528 | 13.46 | 8.5471 |
| 5.62429398 | 14.42 | 28.4051 | 5.8021875 | 14.26 | 22.3361 | 5.98008102 | 13.55 | 10.7666 |
| 5.62440972 | 14.41 | 28.4312 | 5.80230324 | 14.24 | 20.4655 | 5.98019676 | 13.6 | 10.8538 |
| 5.62452546 | 14.39 | 28.4741 | 5.80241898 | 14.25 | 21.4849 | 5.9803125 | 13.55 | 9.3757 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6246412 | 14.39 | 28.3645 | 5.80253472 | 14.25 | 21.9288 | 5.98042824 | 13.63 | 10.3173 |
| 5.62475694 | 14.39 | 28.4427 | 5.80265046 | 14.26 | 22.1793 | 5.98054398 | 13.63 | 10.0679 |
| 5.62487269 | 14.41 | 28.4062 | 5.8027662 | 14.26 | 22.075 | 5.98065972 | 13.63 | 9.9946 |
| 5.62498843 | 14.41 | 28.4093 | 5.80288194 | 14.25 | 22.0603 | 5.98077546 | 13.65 | 10.7009 |
| 5.62510417 | 14.38 | 28.45 | 5.80299769 | 14.26 | 21.8148 | 5.9808912 | 13.65 | 10.2394 |
| 5.62521991 | 14.38 | 28.3937 | 5.80311343 | 14.25 | 22.0096 | 5.98100694 | 13.65 | 10.3157 |
| 5.62533565 | 14.38 | 28.4406 | 5.80322917 | 14.26 | 22.2905 | 5.98112269 | 13.7 | 10.9361 |
| 5.62545139 | 14.38 | 28.4281 | 5.80334491 | 14.25 | 21.3279 | 5.98123843 | 13.64 | 10.1418 |
| 5.62556713 | 14.39 | 28.4396 | 5.80346065 | 14.24 | 21.5099 | 5.98135417 | 13.65 | 10.3554 |
| 5.62568287 | 14.38 | 28.4469 | 5.80357639 | 14.24 | 21.1591 | 5.98146991 | 13.6 | 10.1448 |
| 5.62579861 | 14.38 | 28.4438 | 5.80369213 | 14.24 | 21.5295 | 5.98158565 | 13.6 | 9.5369 |
| 5.62591435 | 14.38 | 28.45 | 5.80380787 | 14.21 | 20.7407 | 5.98170139 | 13.53 | 8.8305 |
| 5.62603009 | 14.38 | 28.4218 | 5.80392361 | 14.21 | 20.384 | 5.98181713 | 13.59 | 9.4122 |
| 5.62614583 | 14.38 | 28.4438 | 5.80403935 | 14.21 | 20.7315 | 5.98193287 | 13.55 | 8.8808 |
| 5.62626157 | 14.38 | 28.4187 | 5.80415509 | 14.22 | 21.2789 | 5.98204861 | 13.63 | 10.861 |
| 5.62637732 | 14.38 | 28.4312 | 5.80427083 | 14.22 | 22.3799 | 5.98216435 | 13.48 | 8.3058 |
| 5.62649306 | 14.39 | 28.4396 | 5.80438657 | 14.25 | 22.6441 | 5.98228009 | 13.48 | 8.2557 |
| 5.6266088 | 14.38 | 28.4281 | 5.80450232 | 14.26 | 22.5032 | 5.98239583 | 13.43 | 7.6684 |
| 5.62672454 | 14.39 | 28.3645 | 5.80461806 | 14.24 | 21.8962 | 5.98251157 | 13.44 | 7.8563 |
| 5.62684028 | 14.39 | 28.402 | 5.8047338 | 14.29 | 24.4922 | 5.98262732 | 13.4 | 7.5761 |
| 5.62695602 | 14.38 | 28.4156 | 5.80484954 | 14.2 | 19.9718 | 5.98274306 | 13.4 | 7.5119 |
| 5.62707176 | 14.38 | 28.4093 | 5.80496528 | 14.18 | 19.6839 | 5.9828588 | 13.51 | 10.3164 |
| 5.6271875 | 14.38 | 28.4469 | 5.80508102 | 14.18 | 19.3554 | 5.98297454 | 13.43 | 8.0329 |
| 5.62730324 | 14.37 | 28.5517 | 5.80519676 | 14.22 | 22.0225 | 5.98309028 | 13.43 | 7.5346 |
| 5.62741898 | 14.37 | 28.5612 | 5.8053125 | 14.24 | 22.0803 | 5.98320602 | 13.46 | 8.1529 |
| 5.62753472 | 14.38 | 28.4125 | 5.80542824 | 14.22 | 21.7238 | 5.98332176 | 13.43 | 7.765 |
| 5.62765046 | 14.39 | 28.3958 | 5.80554398 | 14.28 | 23.3002 | 5.9834375 | 13.39 | 7.5719 |
| 5.6277662 | 14.39 | 28.3676 | 5.80565972 | 14.28 | 23.3918 | 5.98355324 | 13.39 | 7.5386 |
| 5.62788194 | 14.41 | 28.3655 | 5.80577546 | 14.29 | 23.5548 | 5.98366898 | 13.39 | 7.6842 |
| 5.62799769 | 14.41 | 27.9829 | 5.8058912 | 14.3 | 24.315 | 5.98378472 | 13.4 | 7.8177 |
| 5.62811343 | 14.38 | 28.35 | 5.80600694 | 14.28 | 22.731 | 5.98390046 | 13.39 | 7.736 |
| 5.62822917 | 14.39 | 28.3739 | 5.80612269 | 14.28 | 22.6628 | 5.9840162 | 13.38 | 7.4381 |
| 5.62834491 | 14.38 | 28.3906 | 5.80623843 | 14.28 | 22.9572 | 5.98413194 | 13.38 | 7.445 |
| 5.62846065 | 14.38 | 28.0045 | 5.80635417 | 14.28 | 22.5105 | 5.98424769 | 13.37 | 7.5263 |
| 5.62857639 | 14.38 | 28.2382 | 5.80646991 | 14.26 | 22.4906 | 5.98436343 | 13.37 | 7.3811 |
| 5.62869213 | 14.39 | 27.0925 | 5.80658565 | 14.26 | 22.5116 | 5.98447917 | 13.38 | 7.7325 |
| 5.62880787 | 14.44 | 24.8662 | 5.80670139 | 14.22 | 20.8111 | 5.98459491 | 13.35 | 7.3552 |
| 5.62892361 | 14.39 | 27.5282 | 5.80681713 | 14.24 | 21.84 | 5.98471065 | 13.35 | 7.4577 |
| 5.62903935 | 14.42 | 26.4142 | 5.80693287 | 14.24 | 21.5432 | 5.98482639 | 13.37 | 7.696 |
| 5.62915509 | 14.44 | 25.686 | 5.80704861 | 14.26 | 22.6893 | 5.98494213 | 13.35 | 7.324 |
| 5.62927083 | 14.41 | 27.0124 | 5.80716435 | 14.25 | 22.6357 | 5.98505787 | 13.33 | 7.1903 |
| 5.62938657 | 14.39 | 27.707 | 5.80728009 | 14.22 | 21.0392 | 5.98517361 | 13.33 | 7.1439 |
| 5.62950232 | 14.37 | 28.2021 | 5.80739583 | 14.25 | 22.1501 | 5.98528935 | 13.33 | 7.1836 |
| 5.62961806 | 14.37 | 28.0118 | 5.80751157 | 14.22 | 20.8334 | 5.98540509 | 13.33 | 7.1506 |
| 5.6297338 | 14.38 | 28.0902 | 5.80762732 | 14.25 | 21.3587 | 5.98552083 | 13.33 | 7.2407 |
| 5.62984954 | 14.37 | 28.2021 | 5.80774306 | 14.25 | 21.5278 | 5.98563657 | 13.33 | 7.2046 |
| 5.62996528 | 14.38 | 27.9315 | 5.8078588 | 14.25 | 22.1256 | 5.98575232 | 13.33 | 7.1806 |
| 5.63008102 | 14.35 | 27.856 | 5.80797454 | 14.22 | 20.4255 | 5.98586806 | 13.33 | 7.1372 |
| 5.63019676 | 14.38 | 27.8194 | 5.80809028 | 14.21 | 20.1102 | 5.9859838 | 13.33 | 7.1357 |
| 5.6303125 | 14.38 | 27.479 | 5.80820602 | 14.28 | 21.4858 | 5.98609954 | 13.33 | 7.132 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63042824 | 14.38 | 27.5738 | 5.80832176 | 14.24 | 20.9439 | 5.98621528 | 13.33 | 7.1357 |
| 5.63054398 | 14.39 | 26.6602 | 5.8084375 | 14.25 | 21.2587 | 5.98633102 | 13.31 | 7.1678 |
| 5.63065972 | 14.37 | 27.6525 | 5.80855324 | 14.25 | 20.916 | 5.98644676 | 13.31 | 7.0932 |
| 5.63077546 | 14.38 | 27.5323 | 5.80866898 | 14.26 | 20.9181 | 5.9865625 | 13.33 | 7.1275 |
| 5.6308912 | 14.35 | 27.9835 | 5.80878472 | 14.28 | 21.035 | 5.98667824 | 13.33 | 7.1237 |
| 5.63100694 | 14.37 | 27.6107 | 5.80890046 | 14.25 | 20.6239 | 5.98679398 | 13.33 | 7.0858 |
| 5.63112269 | 14.37 | 27.9417 | 5.8090162 | 14.26 | 21.0345 | 5.98690972 | 13.33 | 7.0702 |
| 5.63123843 | 14.37 | 28.3013 | 5.80913194 | 14.21 | 20.3535 | 5.98702546 | 13.33 | 7.0798 |
| 5.63135417 | 14.35 | 28.2631 | 5.80924769 | 14.26 | 21.1045 | 5.9871412 | 13.31 | 7.0976 |
| 5.63146991 | 14.37 | 28.119 | 5.80936343 | 14.18 | 19.6839 | 5.98725694 | 13.31 | 7.1043 |
| 5.63158565 | 14.38 | 26.996 | 5.80947917 | 14.2 | 19.9387 | 5.98737269 | 13.31 | 7.0976 |
| 5.63170139 | 14.38 | 27.8647 | 5.80959491 | 14.18 | 19.689 | 5.98748843 | 13.31 | 7.0984 |
| 5.63181713 | 14.35 | 28.2786 | 5.80971065 | 14.18 | 19.7505 | 5.98760417 | 13.33 | 7.0798 |
| 5.63193287 | 14.37 | 27.9447 | 5.80982639 | 14.2 | 20.1118 | 5.98771991 | 13.33 | 7.1103 |
| 5.63204861 | 14.39 | 26.8891 | 5.80994213 | 14.18 | 19.7043 | 5.98783565 | 13.31 | 7.1245 |
| 5.63216435 | 14.35 | 28.3252 | 5.81005787 | 14.18 | 19.8072 | 5.98795139 | 13.31 | 7.0947 |
| 5.63228009 | 14.35 | 28.4094 | 5.81017361 | 14.18 | 19.8192 | 5.98806713 | 13.31 | 7.1327 |
| 5.63239583 | 14.35 | 28.3719 | 5.81028935 | 14.18 | 19.8537 | 5.98818287 | 13.33 | 7.3028 |
| 5.63251157 | 14.35 | 28.4094 | 5.81040509 | 14.18 | 20.0537 | 5.98829861 | 13.31 | 7.1648 |
| 5.63262732 | 14.37 | 28.4104 | 5.81052083 | 14.2 | 20.2143 | 5.98841435 | 13.33 | 7.1686 |
| 5.63274306 | 14.35 | 28.4157 | 5.81063657 | 14.2 | 19.9352 | 5.98853009 | 13.33 | 7.1237 |
| 5.6328588 | 14.37 | 28.3823 | 5.81075232 | 14.18 | 19.8572 | 5.98864583 | 13.31 | 7.1596 |
| 5.63297454 | 14.37 | 28.376 | 5.81086806 | 14.22 | 20.5704 | 5.98876157 | 13.33 | 7.3941 |
| 5.63309028 | 14.37 | 28.4229 | 5.8109838 | 14.18 | 20.0449 | 5.98887732 | 13.34 | 7.3571 |
| 5.63320602 | 14.37 | 28.3791 | 5.81109954 | 14.17 | 19.9506 | 5.98899306 | 13.33 | 7.2944 |
| 5.63332176 | 14.37 | 28.3823 | 5.81121528 | 14.2 | 20.6102 | 5.9891088 | 13.33 | 7.2944 |
| 5.6334375 | 14.37 | 28.3635 | 5.81133102 | 14.17 | 19.8709 | 5.98922454 | 13.34 | 7.2766 |
| 5.63355324 | 14.37 | 28.3448 | 5.81144676 | 14.16 | 19.8294 | 5.98934028 | 13.34 | 7.4151 |
| 5.63366898 | 14.38 | 28.3375 | 5.8115625 | 14.16 | 19.8674 | 5.98945602 | 13.31 | 7.1858 |
| 5.63378472 | 14.37 | 28.3324 | 5.81167824 | 14.18 | 20.3459 | 5.98957176 | 13.31 | 7.2672 |
| 5.63390046 | 14.38 | 28.3282 | 5.81179398 | 14.17 | 19.8795 | 5.9896875 | 13.33 | 7.3834 |
| 5.6340162 | 14.38 | 28.322 | 5.81190972 | 14.17 | 20.3476 | 5.98980324 | 13.33 | 7.2944 |
| 5.63413194 | 14.38 | 28.2506 | 5.81202546 | 14.16 | 19.8708 | 5.98991898 | 13.33 | 7.3126 |
| 5.63424769 | 14.38 | 28.1086 | 5.8121412 | 14.17 | 19.8295 | 5.99003472 | 13.33 | 7.3857 |
| 5.63436343 | 14.38 | 28.1209 | 5.81225694 | 14.16 | 19.8553 | 5.99015046 | 13.34 | 7.6105 |
| 5.63447917 | 14.38 | 28.1455 | 5.81237269 | 14.16 | 19.7727 | 5.9902662 | 13.34 | 7.3746 |
| 5.63459491 | 14.38 | 28.0198 | 5.81248843 | 14.16 | 19.7111 | 5.99038194 | 13.33 | 7.2294 |
| 5.63471065 | 14.38 | 28.0994 | 5.81260417 | 14.16 | 19.7761 | 5.99049769 | 13.33 | 7.237 |
| 5.63482639 | 14.41 | 27.4519 | 5.81271991 | 14.15 | 19.6667 | 5.99061343 | 13.33 | 7.2332 |
| 5.63494213 | 14.42 | 26.7606 | 5.81283565 | 14.15 | 19.6548 | 5.99072917 | 13.31 | 7.2189 |
| 5.63505787 | 14.41 | 27.4814 | 5.81295139 | 14.15 | 19.6463 | 5.99084491 | 13.31 | 7.2732 |
| 5.63517361 | 14.39 | 28.0187 | 5.81306713 | 14.15 | 19.6633 | 5.99096065 | 13.31 | 7.2664 |
| 5.63528935 | 14.43 | 26.7566 | 5.81318287 | 14.15 | 19.7247 | 5.99107639 | 13.31 | 7.274 |
| 5.63540509 | 14.39 | 27.9303 | 5.81329861 | 14.15 | 19.7692 | 5.99119213 | 13.3 | 7.2577 |
| 5.63552083 | 14.41 | 27.7498 | 5.81341435 | 14.15 | 19.7042 | 5.99130787 | 13.31 | 7.2355 |
| 5.63563657 | 14.41 | 27.1856 | 5.81353009 | 14.13 | 19.7468 | 5.99142361 | 13.31 | 7.2506 |
| 5.63575232 | 14.38 | 27.9254 | 5.81364583 | 14.13 | 19.7058 | 5.99153935 | 13.31 | 7.2309 |
| 5.63586806 | 14.39 | 27.8878 | 5.81376157 | 14.13 | 19.7212 | 5.99165509 | 13.3 | 7.2163 |
| 5.6359838 | 14.39 | 27.725 | 5.81387732 | 14.13 | 19.7554 | 5.99177083 | 13.31 | 7.2453 |
| 5.63609954 | 14.41 | 27.6329 | 5.81399306 | 14.15 | 20.189 | 5.99188657 | 13.3 | 7.2585 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63621528 | 14.39 | 27.704 | 5.8141088 | 14.16 | 20.2174 | 5.99200232 | 13.3 | 7.175 |
| 5.63633102 | 14.39 | 28.0279 | 5.81422454 | 14.16 | 20.4318 | 5.99211806 | 13.29 | 7.1881 |
| 5.63644676 | 14.39 | 27.9334 | 5.81434028 | 14.16 | 20.1626 | 5.9922338 | 13.29 | 7.1596 |
| 5.6365625 | 14.39 | 28.0861 | 5.81445602 | 14.15 | 19.8967 | 5.99234954 | 13.27 | 7.1611 |
| 5.63667824 | 14.38 | 28.198 | 5.81457176 | 14.13 | 19.7794 | 5.99246528 | 13.27 | 7.1274 |
| 5.63679398 | 14.38 | 28.2165 | 5.8146875 | 14.16 | 19.9714 | 5.99258102 | 13.27 | 7.1648 |
| 5.63690972 | 14.39 | 28.2154 | 5.81480324 | 14.16 | 19.9593 | 5.99269676 | 13.26 | 7.0801 |
| 5.63702546 | 14.39 | 28.1814 | 5.81491898 | 14.16 | 20.2139 | 5.9928125 | 13.25 | 7.0767 |
| 5.6371412 | 14.39 | 28.1014 | 5.81503472 | 14.16 | 20.1891 | 5.99292824 | 13.25 | 7.0589 |
| 5.63725694 | 14.39 | 28.0861 | 5.81515046 | 14.15 | 19.9853 | 5.99304398 | 13.25 | 7.0946 |
| 5.63737269 | 14.39 | 28.0677 | 5.8152662 | 14.15 | 19.8483 | 5.99315972 | 13.25 | 7.0641 |
| 5.63748843 | 14.39 | 28.0646 | 5.81538194 | 14.15 | 19.869 | 5.99327546 | 13.26 | 7.1547 |
| 5.63760417 | 14.39 | 28.0677 | 5.81549769 | 14.15 | 19.8552 | 5.9933912 | 13.26 | 7.1367 |
| 5.63771991 | 14.39 | 28.034 | 5.81561343 | 14.15 | 19.8432 | 5.99350694 | 13.25 | 7.1117 |
| 5.63783565 | 14.41 | 28.0043 | 5.81572917 | 14.15 | 19.8139 | 5.99362269 | 13.25 | 7.1453 |
| 5.63795139 | 14.39 | 27.9821 | 5.81584491 | 14.15 | 19.7452 | 5.99373843 | 13.26 | 7.2321 |
| 5.63806713 | 14.39 | 28.034 | 5.81596065 | 14.16 | 19.7436 | 5.99385417 | 13.26 | 7.2562 |
| 5.63818287 | 14.41 | 27.9677 | 5.81607639 | 14.16 | 19.735 | 5.99396991 | 13.29 | 7.601 |
| 5.63829861 | 14.39 | 28.1445 | 5.81619213 | 14.15 | 19.7247 | 5.99408565 | 13.29 | 7.4709 |
| 5.63841435 | 14.41 | 27.8917 | 5.81630787 | 14.15 | 19.7281 | 5.99420139 | 13.29 | 7.4417 |
| 5.63853009 | 14.41 | 27.8947 | 5.81642361 | 14.16 | 19.6821 | 5.99431713 | 13.29 | 7.4309 |
| 5.63864583 | 14.41 | 27.8886 | 5.81653935 | 14.16 | 19.6005 | 5.99443287 | 13.27 | 7.3339 |
| 5.63876157 | 14.41 | 27.7407 | 5.81665509 | 14.16 | 19.5161 | 5.99454861 | 13.27 | 7.2914 |
| 5.63887732 | 14.41 | 27.7558 | 5.81677083 | 14.16 | 19.4321 | 5.99466435 | 13.3 | 7.7171 |
| 5.63899306 | 14.44 | 26.1378 | 5.81688657 | 14.16 | 19.4255 | 5.99478009 | 13.27 | 7.3988 |
| 5.6391088 | 14.44 | 26.3648 | 5.81700232 | 14.15 | 19.4656 | 5.99489583 | 13.3 | 7.645 |
| 5.63922454 | 14.43 | 27.1861 | 5.81711806 | 14.16 | 19.6378 | 5.99501157 | 13.3 | 7.7502 |
| 5.63934028 | 14.43 | 27.1311 | 5.8172338 | 14.16 | 19.5887 | 5.99512732 | 13.3 | 7.62 |
| 5.63945602 | 14.42 | 27.3566 | 5.81734954 | 14.15 | 19.5531 | 5.99524306 | 13.37 | 8.8141 |
| 5.63957176 | 14.42 | 27.5573 | 5.81746528 | 14.16 | 19.6175 | 5.9953588 | 13.35 | 8.5279 |
| 5.6396875 | 14.41 | 27.7257 | 5.81758102 | 14.16 | 19.5161 | 5.99547454 | 13.29 | 7.3697 |
| 5.63980324 | 14.42 | 27.339 | 5.81769676 | 14.16 | 19.592 | 5.99559028 | 13.3 | 7.6513 |
| 5.63991898 | 14.42 | 27.263 | 5.8178125 | 14.16 | 19.6667 | 5.99570602 | 13.3 | 7.8246 |
| 5.64003472 | 14.42 | 27.433 | 5.81792824 | 14.16 | 19.6124 | 5.99582176 | 13.27 | 7.408 |
| 5.64015046 | 14.41 | 27.2554 | 5.81804398 | 14.16 | 19.4724 | 5.9959375 | 13.27 | 7.4026 |
| 5.6402662 | 14.43 | 26.7058 | 5.81815972 | 14.16 | 19.4288 | 5.99605324 | 13.27 | 7.3667 |
| 5.64038194 | 14.42 | 27.0572 | 5.81827546 | 14.17 | 19.6005 | 5.99616898 | 13.29 | 7.6736 |
| 5.64049769 | 14.43 | 26.8472 | 5.8183912 | 14.17 | 19.5431 | 5.99628472 | 13.3 | 7.6107 |
| 5.64061343 | 14.46 | 25.3731 | 5.81850694 | 14.16 | 19.5161 | 5.99640046 | 13.3 | 7.6646 |
| 5.64072917 | 14.43 | 26.322 | 5.81862269 | 14.17 | 19.5667 | 5.9965162 | 13.29 | 7.4486 |
| 5.64084491 | 14.42 | 27.3742 | 5.81873843 | 14.18 | 19.6634 | 5.99663194 | 13.29 | 7.4555 |
| 5.64096065 | 14.39 | 27.9334 | 5.81885417 | 14.16 | 19.5447 | 5.99674769 | 13.3 | 7.6317 |
| 5.64107639 | 14.39 | 27.4956 | 5.81896991 | 14.16 | 19.2328 | 5.99686343 | 13.31 | 7.6892 |
| 5.64119213 | 14.38 | 28.1425 | 5.81908565 | 14.17 | 19.3604 | 5.99697917 | 13.31 | 7.6712 |
| 5.64130787 | 14.39 | 27.9212 | 5.81920139 | 14.16 | 19.2394 | 5.99709491 | 13.31 | 7.7711 |
| 5.64142361 | 14.41 | 27.7708 | 5.81931713 | 14.16 | 19.3421 | 5.99721065 | 13.33 | 7.8757 |
| 5.64153935 | 14.39 | 27.8757 | 5.81943287 | 14.17 | 19.3205 | 5.99732639 | 13.34 | 7.9151 |
| 5.64165509 | 14.38 | 28.1486 | 5.81954861 | 14.16 | 19.1933 | 5.99744213 | 13.33 | 7.9092 |
| 5.64177083 | 14.38 | 28.0504 | 5.81966435 | 14.16 | 19.1392 | 5.99755787 | 13.33 | 7.8964 |
| 5.64188657 | 14.39 | 28.0432 | 5.81978009 | 14.17 | 19.3837 | 5.99767361 | 13.34 | 7.9023 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64200232 | 14.38 | 28.1486 | 5.81989583 | 14.17 | 19.1686 | 5.99778935 | 13.33 | 7.9076 |
| 5.64211806 | 14.39 | 27.9608 | 5.82001157 | 14.17 | 19.6804 | 5.99790509 | 13.34 | 7.8482 |
| 5.6422338 | 14.38 | 28.0473 | 5.82012732 | 14.17 | 19.3721 | 5.99802083 | 13.34 | 7.8235 |
| 5.64234954 | 14.39 | 28.0738 | 5.82024306 | 14.17 | 19.2427 | 5.99813657 | 13.34 | 7.884 |
| 5.64246528 | 14.39 | 28.1014 | 5.8203588 | 14.18 | 19.3388 | 5.99825232 | 13.34 | 7.9351 |
| 5.64258102 | 14.39 | 28.0738 | 5.82047454 | 14.18 | 19.0917 | 5.99836806 | 13.34 | 7.9744 |
| 5.64269676 | 14.39 | 28.0983 | 5.82059028 | 14.18 | 19.1097 | 5.9984838 | 13.35 | 7.9723 |
| 5.6428125 | 14.39 | 28.1352 | 5.82070602 | 14.17 | 18.7978 | 5.99859954 | 13.31 | 7.975 |
| 5.64292824 | 14.39 | 28.1445 | 5.82082176 | 14.18 | 18.8298 | 5.99871528 | 13.33 | 8.0255 |
| 5.64304398 | 14.39 | 28.1106 | 5.8209375 | 14.17 | 18.0151 | 5.99883102 | 13.33 | 7.9829 |
| 5.64315972 | 14.39 | 28.0953 | 5.82105324 | 14.17 | 18.6532 | 5.99894676 | 13.33 | 7.9933 |
| 5.64327546 | 14.41 | 27.7859 | 5.82116898 | 14.18 | 18.5398 | 5.9990625 | 13.33 | 7.8812 |
| 5.6433912 | 14.46 | 25.7176 | 5.82128472 | 14.17 | 18.5838 | 5.99917824 | 13.31 | 7.5264 |
| 5.64350694 | 14.43 | 27.2035 | 5.82140046 | 14.17 | 18.446 | 5.99929398 | 13.31 | 7.7135 |
| 5.64362269 | 14.41 | 27.5793 | 5.8215162 | 14.16 | 18.2129 | 5.99940972 | 13.31 | 7.7175 |
| 5.64373843 | 14.41 | 27.7047 | 5.82163194 | 14.18 | 18.8106 | 5.99952546 | 13.31 | 7.6837 |
| 5.64385417 | 14.41 | 27.6031 | 5.82174769 | 14.18 | 18.5602 | 5.9996412 | 13.3 | 7.6255 |
| 5.64396991 | 14.41 | 27.81 | 5.82186343 | 14.18 | 18.2081 | 5.99975694 | 13.3 | 7.5036 |
| 5.64408565 | 14.39 | 27.9091 | 5.82197917 | 14.18 | 18.3637 | 5.99987269 | 13.3 | 7.3854 |
| 5.64420139 | 14.41 | 27.6419 | 5.82209491 | 14.17 | 18.4243 | 5.99998843 | 13.3 | 7.3153 |
| 5.64431713 | 14.41 | 27.7047 | 5.82221065 | 14.17 | 18.4149 | 6.00010417 | 13.3 | 7.6967 |
| 5.64443287 | 14.41 | 27.6568 | 5.82232639 | 14.18 | 18.6816 | 6.00021991 | 13.3 | 7.4075 |
| 5.64454861 | 14.41 | 27.6927 | 5.82244213 | 14.17 | 19.0039 | 6.00033565 | 13.29 | 7.434 |
| 5.64466435 | 14.41 | 27.4519 | 5.82255787 | 14.17 | 19.2345 | 6.00045139 | 13.29 | 7.0404 |
| 5.64478009 | 14.42 | 27.3771 | 5.82267361 | 14.17 | 19.2658 | 6.00056713 | 13.27 | 7.0042 |
| 5.64489583 | 14.41 | 27.81 | 5.82278935 | 14.17 | 18.9812 | 6.00068287 | 13.29 | 6.9321 |
| 5.64501157 | 14.41 | 27.8947 | 5.82290509 | 14.17 | 19.0721 | 6.00079861 | 13.27 | 7.0768 |
| 5.64512732 | 14.41 | 27.8311 | 5.82302083 | 14.17 | 19.0087 | 6.00091435 | 13.27 | 6.7843 |
| 5.64524306 | 14.39 | 27.979 | 5.82313657 | 14.17 | 19.0542 | 6.00103009 | 13.27 | 6.7741 |
| 5.6453588 | 14.41 | 27.7588 | 5.82325232 | 14.17 | 18.8539 | 6.00114583 | 13.27 | 6.7431 |
| 5.64547454 | 14.41 | 27.7107 | 5.82336806 | 14.17 | 18.7341 | 6.00126157 | 13.27 | 6.9394 |
| 5.64559028 | 14.47 | 24.9645 | 5.8234838 | 14.17 | 18.801 | 6.00137732 | 13.27 | 6.9703 |
| 5.64570602 | 14.43 | 27.2881 | 5.82359954 | 14.18 | 19.1555 | 6.00149306 | 13.29 | 7.2732 |
| 5.64582176 | 14.42 | 27.3243 | 5.82371528 | 14.17 | 18.8346 | 6.0016088 | 13.27 | 7.3591 |
| 5.6459375 | 14.43 | 27.2443 | 5.82383102 | 14.17 | 19.1195 | 6.00172454 | 13.29 | 7.3278 |
| 5.64605324 | 14.42 | 27.4626 | 5.82394676 | 14.17 | 18.5618 | 6.00184028 | 13.27 | 7.1528 |
| 5.64616898 | 14.44 | 26.214 | 5.8240625 | 14.18 | 18.4818 | 6.00195602 | 13.27 | 6.9879 |
| 5.64628472 | 14.43 | 27.2152 | 5.82417824 | 14.17 | 18.9391 | 6.00207176 | 13.27 | 7.0411 |
| 5.64640046 | 14.42 | 27.6079 | 5.82429398 | 14.17 | 18.8042 | 6.0021875 | 13.27 | 7.0448 |
| 5.6465162 | 14.41 | 27.804 | 5.82440972 | 14.17 | 18.8154 | 6.00230324 | 13.27 | 7.036 |
| 5.64663194 | 14.41 | 27.7588 | 5.82452546 | 14.18 | 19.0786 | 6.00241898 | 13.27 | 7.0894 |
| 5.64674769 | 14.41 | 27.813 | 5.8246412 | 14.18 | 19.1293 | 6.00253472 | 13.26 | 7.2464 |
| 5.64686343 | 14.41 | 27.7077 | 5.82475694 | 14.17 | 18.742 | 6.00265046 | 13.27 | 7.1791 |
| 5.64697917 | 14.43 | 26.7792 | 5.82487269 | 14.17 | 19.251 | 6.0027662 | 13.27 | 7.1409 |
| 5.64709491 | 14.41 | 27.8826 | 5.82498843 | 14.15 | 18.0925 | 6.00288194 | 13.27 | 7.0827 |
| 5.64721065 | 14.43 | 27.1832 | 5.82510417 | 14.16 | 18.2482 | 6.00299769 | 13.27 | 7.2891 |
| 5.64732639 | 14.43 | 27.1368 | 5.82521991 | 14.17 | 18.2512 | 6.00311343 | 13.29 | 7.3888 |
| 5.64744213 | 14.42 | 27.6318 | 5.82533565 | 14.15 | 17.4629 | 6.00322917 | 13.27 | 7.4202 |
| 5.64755787 | 14.41 | 27.8614 | 5.82545139 | 14.12 | 16.3815 | 6.00334491 | 13.29 | 7.3682 |
| 5.64767361 | 14.42 | 27.5514 | 5.82556713 | 14.13 | 16.9075 | 6.00346065 | 13.29 | 7.4279 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64778935 | 14.41 | 27.9555 | 5.82568287 | 14.13 | 17.1159 | 6.00357639 | 13.27 | 7.3256 |
| 5.64790509 | 14.41 | 27.9372 | 5.82579861 | 14.13 | 17.1812 | 6.00369213 | 13.29 | 7.3225 |
| 5.64802083 | 14.42 | 27.3948 | 5.82591435 | 14.13 | 17.1841 | 6.00380787 | 13.29 | 7.2649 |
| 5.64813657 | 14.39 | 28.0861 | 5.82603009 | 14.13 | 17.3302 | 6.00392361 | 13.27 | 7.2854 |
| 5.64825232 | 14.39 | 28.1445 | 5.82614583 | 14.13 | 17.1528 | 6.00403935 | 13.27 | 7.337 |
| 5.64836806 | 14.38 | 28.2072 | 5.82626157 | 14.13 | 17.4487 | 6.00415509 | 13.27 | 7.4717 |
| 5.6484838 | 14.39 | 27.9364 | 5.82637732 | 14.15 | 17.6133 | 6.00427083 | 13.27 | 7.5692 |
| 5.64859954 | 14.38 | 28.2041 | 5.82649306 | 14.15 | 17.4237 | 6.00438657 | 13.26 | 7.3931 |
| 5.64871528 | 14.38 | 28.2072 | 5.8266088 | 14.16 | 16.9168 | 6.00450232 | 13.27 | 7.6057 |
| 5.64883102 | 14.38 | 28.2134 | 5.82672454 | 14.13 | 16.7461 | 6.00461806 | 13.27 | 7.5327 |
| 5.64894676 | 14.38 | 28.2909 | 5.82684028 | 14.12 | 16.4248 | 6.0047338 | 13.27 | 7.5824 |
| 5.6490625 | 14.38 | 28.2413 | 5.82695602 | 14.09 | 16.1716 | 6.00484954 | 13.27 | 7.4632 |
| 5.64917824 | 14.39 | 28.1691 | 5.82707176 | 14.11 | 16.5432 | 6.00496528 | 13.27 | 7.4786 |
| 5.64929398 | 14.43 | 25.4418 | 5.8271875 | 14.09 | 16.2116 | 6.00508102 | 13.27 | 7.5288 |
| 5.64940972 | 14.39 | 28.0523 | 5.82730324 | 14.11 | 16.379 | 6.00519676 | 13.27 | 7.5863 |
| 5.64952546 | 14.37 | 28.3604 | 5.82741898 | 14.11 | 16.3305 | 6.0053125 | 13.27 | 7.2174 |
| 5.6496412 | 14.39 | 28.1845 | 5.82753472 | 14.09 | 16.8356 | 6.00542824 | 13.27 | 6.9681 |
| 5.64975694 | 14.38 | 28.2878 | 5.82765046 | 14.08 | 16.1452 | 6.00554398 | 13.27 | 7.6049 |
| 5.64987269 | 14.38 | 28.3251 | 5.8277662 | 14.13 | 17.9042 | 6.00565972 | 13.26 | 7.8224 |
| 5.64998843 | 14.38 | 28.2692 | 5.82788194 | 14.09 | 16.6023 | 6.00577546 | 13.29 | 7.243 |
| 5.65010417 | 14.37 | 28.2795 | 5.82799769 | 14.07 | 16.4216 | 6.0058912 | 13.29 | 7.3865 |
| 5.65021991 | 14.39 | 27.8757 | 5.82811343 | 14.07 | 16.45 | 6.00600694 | 13.27 | 7.2506 |
| 5.65033565 | 14.37 | 28.2764 | 5.82822917 | 14.04 | 16.4384 | 6.00612269 | 13.29 | 7.2279 |
| 5.65045139 | 14.38 | 27.8647 | 5.82834491 | 14.04 | 16.7049 | 6.00623843 | 13.29 | 7.3043 |
| 5.65056713 | 14.38 | 28.2011 | 5.82846065 | 14.04 | 16.5526 | 6.00635417 | 13.26 | 6.7506 |
| 5.65068287 | 14.38 | 28.2847 | 5.82857639 | 14.04 | 16.7366 | 6.00646991 | 13.26 | 6.7759 |
| 5.65079861 | 14.37 | 28.3199 | 5.82869213 | 14.04 | 17.1329 | 6.00658565 | 13.25 | 6.7136 |
| 5.65091435 | 14.38 | 28.1332 | 5.82880787 | 14.05 | 17.2296 | 6.00670139 | 13.24 | 6.8164 |
| 5.65103009 | 14.38 | 28.3344 | 5.82892361 | 14.07 | 17.6335 | 6.00681713 | 13.2 | 6.4498 |
| 5.65114583 | 14.39 | 27.3689 | 5.82903935 | 14.05 | 17.1925 | 6.00693287 | 13.16 | 6.1522 |
| 5.65126157 | 14.55 | 21.7106 | 5.82915509 | 14.08 | 18.3321 | 6.00704861 | 13.18 | 6.3618 |
| 5.65137732 | 14.54 | 24.2825 | 5.82927083 | 14.04 | 16.5417 | 6.00716435 | 13.2 | 6.4149 |
| 5.65149306 | 14.43 | 26.947 | 5.82938657 | 14.08 | 18.8784 | 6.00728009 | 13.2 | 6.5053 |
| 5.6516088 | 14.54 | 22.6712 | 5.82950232 | 14.09 | 18.3768 | 6.00739583 | 13.21 | 6.7393 |
| 5.65172454 | 14.39 | 28.2185 | 5.82961806 | 14.07 | 17.7961 | 6.00751157 | 13.21 | 6.5579 |
| 5.65184028 | 14.38 | 28.3002 | 5.8297338 | 14.07 | 17.6144 | 6.00762732 | 13.21 | 6.4783 |
| 5.65195602 | 14.44 | 25.9866 | 5.82984954 | 14.05 | 16.9298 | 6.00774306 | 13.2 | 6.38 |
| 5.65207176 | 14.42 | 26.9768 | 5.82996528 | 14.08 | 17.3496 | 6.0078588 | 13.2 | 6.4295 |
| 5.6521875 | 14.39 | 28.0983 | 5.83008102 | 14.05 | 16.742 | 6.00797454 | 13.2 | 6.454 |
| 5.65230324 | 14.39 | 28.3178 | 5.83019676 | 14.02 | 15.5889 | 6.00809028 | 13.2 | 6.3954 |
| 5.65241898 | 14.37 | 28.3635 | 5.8303125 | 14 | 14.9433 | 6.00820602 | 13.2 | 6.346 |
| 5.65253472 | 14.38 | 28.029 | 5.83042824 | 14 | 15.331 | 6.00832176 | 13.2 | 6.2811 |
| 5.65265046 | 14.39 | 28.0156 | 5.83054398 | 13.99 | 15.2444 | 6.0084375 | 13.18 | 6.2219 |
| 5.6527662 | 14.38 | 28.1486 | 5.83065972 | 13.98 | 14.5167 | 6.00855324 | 13.17 | 6.152 |
| 5.65288194 | 14.38 | 28.1609 | 5.83077546 | 13.96 | 14.5482 | 6.00866898 | 13.17 | 6.1935 |
| 5.65299769 | 14.38 | 27.895 | 5.8308912 | 13.98 | 14.5564 | 6.00878472 | 13.16 | 6.098 |
| 5.65311343 | 14.39 | 28.1907 | 5.83100694 | 13.96 | 14.3497 | 6.00890046 | 13.18 | 6.1769 |
| 5.65322917 | 14.38 | 27.974 | 5.83112269 | 13.98 | 14.4412 | 6.0090162 | 13.18 | 6.2658 |
| 5.65334491 | 14.38 | 28.263 | 5.83123843 | 13.96 | 14.4439 | 6.00913194 | 13.18 | 6.2007 |
| 5.65346065 | 14.39 | 28.0432 | 5.83135417 | 13.96 | 14.3283 | 6.00924769 | 13.17 | 6.1167 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65357639 | 14.41 | 27.6359 | 5.83146991 | 13.98 | 14.3565 | 6.00936343 | 13.16 | 6.0065 |
| 5.65369213 | 14.43 | 26.5629 | 5.83158565 | 13.96 | 14.2005 | 6.00947917 | 13.13 | 5.9392 |
| 5.65380787 | 14.44 | 26.2878 | 5.83170139 | 13.96 | 14.1617 | 6.00959491 | 13.12 | 5.8238 |
| 5.65392361 | 14.42 | 27.3039 | 5.83181713 | 13.95 | 14.1924 | 6.00971065 | 13.12 | 5.8172 |
| 5.65403935 | 14.41 | 27.621 | 5.83193287 | 13.96 | 14.2123 | 6.00982639 | 13.11 | 5.7788 |
| 5.65415509 | 14.41 | 27.5436 | 5.83204861 | 13.95 | 14.3927 | 6.00994213 | 13.09 | 5.7368 |
| 5.65427083 | 14.39 | 27.5846 | 5.83216435 | 13.96 | 14.7005 | 6.01005787 | 13.11 | 5.7208 |
| 5.65438657 | 14.41 | 27.5882 | 5.83228009 | 14 | 16.4431 | 6.01017361 | 13.11 | 5.7351 |
| 5.65450232 | 14.39 | 27.6144 | 5.83239583 | 13.98 | 15.0091 | 6.01028935 | 13.11 | 5.7775 |
| 5.65461806 | 14.39 | 27.7731 | 5.83251157 | 13.98 | 15.122 | 6.01040509 | 13.11 | 5.7202 |
| 5.6547338 | 14.39 | 27.6144 | 5.83262732 | 13.99 | 15.3944 | 6.01052083 | 13.11 | 5.7189 |
| 5.65484954 | 14.41 | 27.1827 | 5.83274306 | 13.98 | 14.9819 | 6.01063657 | 13.12 | 5.791 |
| 5.65496528 | 14.41 | 27.203 | 5.8328588 | 14 | 16.6863 | 6.01075232 | 13.11 | 5.7403 |
| 5.65508102 | 14.41 | 27.3548 | 5.83297454 | 14.03 | 16.7064 | 6.01086806 | 13.11 | 5.7241 |
| 5.65519676 | 14.42 | 26.9825 | 5.83309028 | 14 | 15.7582 | 6.0109838 | 13.11 | 5.7208 |
| 5.6553125 | 14.41 | 27.6359 | 5.83320602 | 14 | 15.7232 | 6.01109954 | 13.12 | 5.6953 |
| 5.65542824 | 14.41 | 27.1132 | 5.83332176 | 14 | 15.6935 | 6.01121528 | 13.11 | 5.6593 |
| 5.65554398 | 14.56 | 21.8874 | 5.8334375 | 13.98 | 14.8209 | 6.01133102 | 13.11 | 5.6619 |
| 5.65565972 | 14.59 | 21.7202 | 5.83355324 | 13.98 | 15.2734 | 6.01144676 | 13.12 | 5.6992 |
| 5.65577546 | 14.44 | 26.492 | 5.83366898 | 13.98 | 14.9165 | 6.0115625 | 13.11 | 5.6561 |
| 5.6558912 | 14.44 | 26.682 | 5.83378472 | 13.99 | 16.0066 | 6.01167824 | 13.11 | 5.6445 |
| 5.65600694 | 14.44 | 26.1107 | 5.83390046 | 13.98 | 15.7248 | 6.01179398 | 13.11 | 5.6651 |
| 5.65612269 | 14.55 | 23.0093 | 5.8340162 | 14.02 | 17.6093 | 6.01190972 | 13.12 | 5.6727 |
| 5.65623843 | 14.46 | 26.7981 | 5.83413194 | 14.02 | 18.4178 | 6.01202546 | 13.11 | 5.6988 |
| 5.65635417 | 14.41 | 27.6031 | 5.83424769 | 14.02 | 17.0794 | 6.0121412 | 13.11 | 5.6426 |
| 5.65646991 | 14.48 | 25.6386 | 5.83436343 | 13.99 | 15.882 | 6.01225694 | 13.11 | 5.6355 |
| 5.65658565 | 14.46 | 25.8929 | 5.83447917 | 13.98 | 14.9843 | 6.01237269 | 13.11 | 5.6316 |
| 5.65670139 | 14.5 | 24.7732 | 5.83459491 | 13.95 | 13.8645 | 6.01248843 | 13.11 | 5.558 |
| 5.65681713 | 14.51 | 24.5504 | 5.83471065 | 13.94 | 13.7632 | 6.01260417 | 13.11 | 5.597 |
| 5.65693287 | 14.47 | 25.7533 | 5.83482639 | 13.94 | 13.5235 | 6.01271991 | 13.11 | 5.6053 |
| 5.65704861 | 14.5 | 25.0056 | 5.83494213 | 13.94 | 13.1134 | 6.01283565 | 13.11 | 5.5261 |
| 5.65716435 | 14.5 | 25.0056 | 5.83505787 | 13.92 | 13.1147 | 6.01295139 | 13.11 | 5.5293 |
| 5.65728009 | 14.46 | 26.2634 | 5.83517361 | 13.92 | 12.9955 | 6.01306713 | 13.11 | 5.5159 |
| 5.65739583 | 14.42 | 27.5217 | 5.83528935 | 13.94 | 13.21 | 6.01318287 | 13.11 | 5.3342 |
| 5.65751157 | 14.47 | 25.0501 | 5.83540509 | 13.94 | 13.0803 | 6.01329861 | 13.11 | 5.3892 |
| 5.65762732 | 14.54 | 23.2829 | 5.83552083 | 13.94 | 12.4676 | 6.01341435 | 13.11 | 5.3492 |
| 5.65774306 | 14.51 | 24.5724 | 5.83563657 | 13.92 | 12.3378 | 6.01353009 | 13.11 | 5.338 |
| 5.6578588 | 14.42 | 27.8361 | 5.83575232 | 13.9 | 11.9841 | 6.01364583 | 13.11 | 5.3094 |
| 5.65797454 | 14.42 | 27.7878 | 5.83586806 | 13.91 | 11.6608 | 6.01376157 | 13.11 | 5.2988 |
| 5.65809028 | 14.43 | 27.0359 | 5.8359838 | 13.91 | 11.4952 | 6.01387732 | 13.11 | 5.3019 |
| 5.65820602 | 14.39 | 28.1414 | 5.83609954 | 13.91 | 11.5956 | 6.01399306 | 13.11 | 5.315 |
| 5.65832176 | 14.44 | 26.6203 | 5.83621528 | 13.92 | 12.2807 | 6.0141088 | 13.11 | 5.2964 |
| 5.6584375 | 14.43 | 27.16 | 5.83633102 | 13.94 | 14.2102 | 6.01422454 | 13.11 | 5.279 |
| 5.65855324 | 14.41 | 28.0471 | 5.83644676 | 13.92 | 12.635 | 6.01434028 | 13.11 | 5.2951 |
| 5.65866898 | 14.39 | 28.1137 | 5.8365625 | 13.96 | 14.1711 | 6.01445602 | 13.11 | 5.3181 |
| 5.65878472 | 14.41 | 28.1146 | 5.83667824 | 14.02 | 15.9823 | 6.01457176 | 13.11 | 5.3286 |
| 5.65890046 | 14.42 | 27.2309 | 5.83679398 | 13.96 | 13.7986 | 6.0146875 | 13.12 | 5.308 |
| 5.6590162 | 14.47 | 25.1565 | 5.83690972 | 13.96 | 14.6436 | 6.01480324 | 13.11 | 5.3019 |
| 5.65913194 | 14.46 | 26.0973 | 5.83702546 | 14.07 | 20.5826 | 6.01491898 | 13.11 | 5.2982 |
| 5.65924769 | 14.44 | 26.4781 | 5.8371412 | 14.11 | 21.8873 | 6.01503472 | 13.11 | 5.3106 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65936343 | 14.43 | 26.8728 | 5.83725694 | 14.04 | 17.8366 | 6.01515046 | 13.11 | 5.3143 |
| 5.65947917 | 14.46 | 26.138 | 5.83737269 | 14 | 16.1201 | 6.0152662 | 13.11 | 5.3044 |
| 5.65959491 | 14.46 | 26.3017 | 5.83748843 | 14.05 | 19.5109 | 6.01538194 | 13.09 | 5.3103 |
| 5.65971065 | 14.42 | 27.3801 | 5.83760417 | 13.99 | 15.0671 | 6.01549769 | 13.11 | 5.3075 |
| 5.65982639 | 14.42 | 27.7126 | 5.83771991 | 13.99 | 15.3615 | 6.01561343 | 13.09 | 5.314 |
| 5.65994213 | 14.41 | 27.6359 | 5.83783565 | 13.95 | 13.014 | 6.01572917 | 13.11 | 5.3143 |
| 5.66005787 | 14.42 | 27.3683 | 5.83795139 | 13.95 | 13.5915 | 6.01584491 | 13.11 | 5.315 |
| 5.66017361 | 14.42 | 27.4242 | 5.83806713 | 13.98 | 13.5776 | 6.01596065 | 13.11 | 5.3249 |
| 5.66028935 | 14.43 | 26.6272 | 5.83818287 | 13.95 | 13.5313 | 6.01607639 | 13.11 | 5.3579 |
| 5.66040509 | 14.5 | 24.8628 | 5.83829861 | 14.08 | 22.2454 | 6.01619213 | 13.11 | 5.3467 |
| 5.66052083 | 14.44 | 27.0203 | 5.83841435 | 14 | 15.1354 | 6.01630787 | 13.11 | 5.343 |
| 5.66063657 | 14.43 | 26.5908 | 5.83853009 | 13.96 | 13.5721 | 6.01642361 | 13.11 | 5.3436 |
| 5.66075232 | 14.46 | 25.8876 | 5.83864583 | 14.11 | 20.9019 | 6.01653935 | 13.11 | 5.3454 |
| 5.66086806 | 14.46 | 26.5006 | 5.83876157 | 14.08 | 18.8255 | 6.01665509 | 13.11 | 5.3392 |
| 5.6609838 | 14.41 | 27.807 | 5.83887732 | 14.09 | 17.2447 | 6.01677083 | 13.09 | 5.3795 |
| 5.66109954 | 14.42 | 27.4803 | 5.83899306 | 14 | 13.9764 | 6.01688657 | 13.11 | 5.3873 |
| 5.66121528 | 14.41 | 27.4874 | 5.8391088 | 14.13 | 21.4851 | 6.01700232 | 13.11 | 5.3873 |
| 5.66133102 | 14.41 | 27.8765 | 5.83922454 | 14.09 | 19.8652 | 6.01711806 | 13.11 | 5.3936 |
| 5.66144676 | 14.41 | 27.8977 | 5.83934028 | 14.05 | 15.6256 | 6.0172338 | 13.11 | 5.4356 |
| 5.6615625 | 14.41 | 28.1023 | 5.83945602 | 14.08 | 18.1085 | 6.01734954 | 13.11 | 5.4143 |
| 5.66167824 | 14.41 | 27.8402 | 5.83957176 | 14.09 | 18.3598 | 6.01746528 | 13.11 | 5.418 |
| 5.66179398 | 14.39 | 28.1229 | 5.8396875 | 14.05 | 14.8688 | 6.01758102 | 13.11 | 5.4552 |
| 5.66190972 | 14.41 | 28.0043 | 5.83980324 | 14.05 | 13.6841 | 6.01769676 | 13.11 | 5.4338 |
| 5.66202546 | 14.42 | 27.436 | 5.83991898 | 14.04 | 13.3098 | 6.0178125 | 13.11 | 5.4583 |
| 5.6621412 | 14.41 | 27.7227 | 5.84003472 | 14.03 | 12.9641 | 6.01792824 | 13.09 | 5.458 |
| 5.66225694 | 14.41 | 27.9494 | 5.84015046 | 14.03 | 12.7243 | 6.01804398 | 13.11 | 5.4338 |
| 5.66237269 | 14.41 | 27.8311 | 5.8402662 | 14.05 | 13.0652 | 6.01815972 | 13.11 | 5.4571 |
| 5.66248843 | 14.41 | 27.7919 | 5.84038194 | 14.05 | 13.4028 | 6.01827546 | 13.11 | 5.4748 |
| 5.66260417 | 14.41 | 28.0012 | 5.84049769 | 14.07 | 13.3062 | 6.0183912 | 13.09 | 5.4846 |
| 5.66271991 | 14.41 | 27.9129 | 5.84061343 | 14.08 | 13.2648 | 6.01850694 | 13.11 | 5.4571 |
| 5.66283565 | 14.43 | 27.0819 | 5.84072917 | 14.08 | 13.2949 | 6.01862269 | 13.09 | 5.4523 |
| 5.66295139 | 14.41 | 27.5734 | 5.84084491 | 14.08 | 13.3947 | 6.01873843 | 13.11 | 5.4514 |
| 5.66306713 | 14.42 | 27.6706 | 5.84096065 | 14.08 | 13.7996 | 6.01885417 | 13.11 | 5.4609 |
| 5.66318287 | 14.44 | 26.3868 | 5.84107639 | 14.04 | 12.5144 | 6.01896991 | 13.09 | 5.4612 |
| 5.66329861 | 14.44 | 26.6315 | 5.84119213 | 14 | 11.9014 | 6.01908565 | 13.09 | 5.4707 |
| 5.66341435 | 14.44 | 26.4062 | 5.84130787 | 14.03 | 14.4644 | 6.01920139 | 13.09 | 5.4707 |
| 5.66353009 | 14.46 | 26.0432 | 5.84142361 | 14.09 | 18.7552 | 6.01931713 | 13.09 | 5.5099 |
| 5.66364583 | 14.44 | 26.8545 | 5.84153935 | 14.09 | 17.2047 | 6.01943287 | 13.11 | 5.4994 |
| 5.66376157 | 14.43 | 26.9098 | 5.84165509 | 14.08 | 18.467 | 6.01954861 | 13.11 | 5.5172 |
| 5.66387732 | 14.43 | 27.4466 | 5.84177083 | 14.08 | 18.8415 | 6.01966435 | 13.11 | 5.4925 |
| 5.66399306 | 14.42 | 27.1178 | 5.84188657 | 14.05 | 14.6943 | 6.01978009 | 13.11 | 5.5001 |
| 5.6641088 | 14.42 | 27.6079 | 5.84200232 | 14.02 | 14.6463 | 6.01989583 | 13.11 | 5.4963 |
| 5.66422454 | 14.41 | 27.6329 | 5.84211806 | 14.02 | 13.7428 | 6.02001157 | 13.11 | 5.4823 |
| 5.66434028 | 14.41 | 27.4136 | 5.8422338 | 14.02 | 14.2552 | 6.02012732 | 13.09 | 5.4884 |
| 5.66445602 | 14.41 | 27.5763 | 5.84234954 | 14.05 | 16.8711 | 6.02024306 | 13.09 | 5.5125 |
| 5.66457176 | 14.41 | 27.7799 | 5.84246528 | 14.22 | 26.5423 | 6.0203588 | 13.11 | 5.4975 |
| 5.6646875 | 14.41 | 27.8614 | 5.84258102 | 14.18 | 24.7008 | 6.02047454 | 13.11 | 5.5026 |
| 5.66480324 | 14.39 | 28.0677 | 5.84269676 | 14.22 | 25.9462 | 6.02059028 | 13.11 | 5.528 |
| 5.66491898 | 14.41 | 27.4933 | 5.8428125 | 14.09 | 19.8273 | 6.02070602 | 13.11 | 5.535 |
| 5.66503472 | 14.41 | 27.5436 | 5.84292824 | 14.16 | 22.9935 | 6.02082176 | 13.11 | 5.5407 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66515046 | 14.39 | 27.9882 | 5.84304398 | 14.09 | 18.2581 | 6.0209375 | 13.11 | 5.5172 |
| 5.6652662 | 14.39 | 28.0677 | 5.84315972 | 14.15 | 21.4487 | 6.02105324 | 13.09 | 5.4941 |
| 5.66538194 | 14.41 | 27.5615 | 5.84327546 | 14.2 | 25.973 | 6.02116898 | 13.09 | 5.5182 |
| 5.66549769 | 14.41 | 27.7678 | 5.8433912 | 14.09 | 18.9137 | 6.02128472 | 13.11 | 5.5548 |
| 5.66561343 | 14.41 | 27.6538 | 5.84350694 | 14.21 | 25.5707 | 6.02140046 | 13.11 | 5.5064 |
| 5.66572917 | 14.42 | 27.5544 | 5.84362269 | 14.13 | 21.0692 | 6.0215162 | 13.09 | 5.4903 |
| 5.66584491 | 14.41 | 27.5555 | 5.84373843 | 14.04 | 15.7057 | 6.02163194 | 13.09 | 5.4991 |
| 5.66596065 | 14.41 | 27.6718 | 5.84385417 | 14.02 | 13.9506 | 6.02174769 | 13.11 | 5.4944 |
| 5.66607639 | 14.41 | 27.6329 | 5.84396991 | 14.04 | 15.6708 | 6.02186343 | 13.11 | 5.5944 |
| 5.66619213 | 14.41 | 27.6509 | 5.84408565 | 14.03 | 14.7335 | 6.02197917 | 13.09 | 5.5042 |
| 5.66630787 | 14.41 | 27.7558 | 5.84420139 | 14.13 | 22.0696 | 6.02209491 | 13.09 | 5.4827 |
| 5.66642361 | 14.41 | 27.7347 | 5.84431713 | 14.11 | 19.4924 | 6.02221065 | 13.11 | 5.4994 |
| 5.66653935 | 14.39 | 27.6651 | 5.84443287 | 14 | 14.1412 | 6.02232639 | 13.11 | 5.521 |
| 5.66665509 | 14.39 | 27.5816 | 5.84454861 | 14.08 | 19.0026 | 6.02244213 | 13.09 | 5.4795 |
| 5.66677083 | 14.42 | 27.3243 | 5.84466435 | 14.09 | 21.2315 | 6.02255787 | 13.11 | 5.6181 |
| 5.66688657 | 14.41 | 27.5466 | 5.84478009 | 14.12 | 21.8997 | 6.02267361 | 13.09 | 5.5074 |
| 5.66700232 | 14.41 | 27.5466 | 5.84489583 | 13.99 | 12.844 | 6.02278935 | 13.09 | 5.503 |
| 5.66711806 | 14.41 | 27.4136 | 5.84501157 | 13.98 | 12.3431 | 6.02290509 | 13.09 | 5.4637 |
| 5.6672338 | 14.42 | 27.2922 | 5.84512732 | 13.98 | 12.6747 | 6.02302083 | 13.09 | 5.4738 |
| 5.66734954 | 14.42 | 27.2863 | 5.84524306 | 13.98 | 12.2733 | 6.02313657 | 13.09 | 5.4865 |
| 5.66746528 | 14.42 | 27.2396 | 5.8453588 | 13.98 | 12.3282 | 6.02325232 | 13.09 | 5.4681 |
| 5.66758102 | 14.43 | 27.1224 | 5.84547454 | 13.98 | 12.7809 | 6.02336806 | 13.09 | 5.4656 |
| 5.66769676 | 14.43 | 27.1948 | 5.84559028 | 13.98 | 12.2564 | 6.0234838 | 13.09 | 5.4846 |
| 5.6678125 | 14.43 | 27.1513 | 5.84570602 | 13.96 | 12.103 | 6.02359954 | 13.09 | 5.4757 |
| 5.66792824 | 14.43 | 27.1832 | 5.84582176 | 13.95 | 11.7766 | 6.02371528 | 13.09 | 5.6089 |
| 5.66804398 | 14.42 | 27.2193 | 5.8459375 | 13.98 | 12.6964 | 6.02383102 | 13.09 | 5.7017 |
| 5.66815972 | 14.42 | 27.2426 | 5.84605324 | 13.99 | 12.7635 | 6.02394676 | 13.09 | 5.5392 |
| 5.66827546 | 14.43 | 27.2501 | 5.84616898 | 13.98 | 12.6812 | 6.0240625 | 13.09 | 5.5042 |
| 5.6683912 | 14.43 | 27.2822 | 5.84628472 | 14 | 13.028 | 6.02417824 | 13.11 | 5.7794 |
| 5.66850694 | 14.42 | 27.3214 | 5.84640046 | 13.99 | 12.6931 | 6.02429398 | 13.11 | 5.7182 |
| 5.66862269 | 14.41 | 27.4874 | 5.8465162 | 14.02 | 12.9554 | 6.02440972 | 13.11 | 5.767 |
| 5.66873843 | 14.41 | 27.5674 | 5.84663194 | 14 | 12.8113 | 6.02452546 | 13.09 | 5.6462 |
| 5.66885417 | 14.41 | 27.627 | 5.84674769 | 13.99 | 12.6628 | 6.0246412 | 13.12 | 5.6257 |
| 5.66896991 | 14.41 | 27.6568 | 5.84686343 | 13.98 | 12.2163 | 6.02475694 | 13.11 | 5.7514 |
| 5.66908565 | 14.41 | 27.6987 | 5.84697917 | 13.99 | 11.9988 | 6.02487269 | 13.11 | 5.7683 |
| 5.66920139 | 14.41 | 27.5674 | 5.84709491 | 13.96 | 11.3898 | 6.02498843 | 13.12 | 5.7317 |
| 5.66931713 | 14.39 | 27.722 | 5.84721065 | 13.95 | 11.9915 | 6.02510417 | 13.11 | 5.5899 |
| 5.66943287 | 14.41 | 27.6808 | 5.84732639 | 14.02 | 12.9576 | 6.02521991 | 13.12 | 5.9474 |
| 5.66954861 | 14.38 | 27.9223 | 5.84744213 | 14.02 | 13.0533 | 6.02533565 | 13.14 | 6.4796 |
| 5.66966435 | 14.41 | 27.7197 | 5.84755787 | 14.03 | 13.1417 | 6.02545139 | 13.11 | 5.5842 |
| 5.66978009 | 14.42 | 27.596 | 5.84767361 | 14.03 | 13.0885 | 6.02556713 | 13.11 | 5.5439 |
| 5.66989583 | 14.39 | 27.9334 | 5.84778935 | 14.04 | 13.4412 | 6.02568287 | 13.11 | 5.6008 |
| 5.67001157 | 14.39 | 27.683 | 5.84790509 | 14.03 | 12.9422 | 6.02579861 | 13.09 | 5.536 |
| 5.67012732 | 14.41 | 27.7588 | 5.84802083 | 14.03 | 13.1306 | 6.02591435 | 13.12 | 5.9447 |
| 5.67024306 | 14.39 | 27.722 | 5.84813657 | 13.99 | 12.6888 | 6.02603009 | 13.16 | 6.8845 |
| 5.6703588 | 14.39 | 27.8364 | 5.84825232 | 14.03 | 13.4695 | 6.02614583 | 13.21 | 7.9364 |
| 5.67047454 | 14.39 | 27.8002 | 5.84836806 | 14.03 | 13.4593 | 6.02626157 | 13.18 | 7.3253 |
| 5.67059028 | 14.38 | 27.9832 | 5.8484838 | 14.03 | 13.2897 | 6.02637732 | 13.14 | 6.2731 |
| 5.67070602 | 14.38 | 27.9649 | 5.84859954 | 14.05 | 14.4893 | 6.02649306 | 13.16 | 6.9255 |
| 5.67082176 | 14.39 | 27.8848 | 5.84871528 | 14.03 | 12.846 | 6.0266088 | 13.13 | 6.0872 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6709375 | 14.41 | 27.4578 | 5.84883102 | 14.04 | 13.1993 | 6.02672454 | 13.11 | 5.7306 |
| 5.67105324 | 14.44 | 26.431 | 5.84894676 | 14.05 | 14.3496 | 6.02684028 | 13.12 | 5.8284 |
| 5.67116898 | 14.39 | 27.9151 | 5.8490625 | 14.07 | 14.7341 | 6.02695602 | 13.11 | 5.6878 |
| 5.67128472 | 14.39 | 27.903 | 5.84917824 | 14.07 | 13.8481 | 6.02707176 | 13.14 | 6.6375 |
| 5.67140046 | 14.39 | 27.8424 | 5.84929398 | 14.08 | 15.2492 | 6.0271875 | 13.16 | 6.6369 |
| 5.6715162 | 14.39 | 27.704 | 5.84940972 | 14.08 | 15.5252 | 6.02730324 | 13.18 | 7.2578 |
| 5.67163194 | 14.41 | 27.5882 | 5.84952546 | 14.05 | 13.3399 | 6.02741898 | 13.13 | 5.7934 |
| 5.67174769 | 14.42 | 27.3126 | 5.8496412 | 14.07 | 14.5274 | 6.02753472 | 13.11 | 5.6336 |
| 5.67186343 | 14.41 | 27.5259 | 5.84975694 | 14.05 | 13.7127 | 6.02765046 | 13.21 | 8.075 |
| 5.67197917 | 14.41 | 27.7528 | 5.84987269 | 14.04 | 12.9816 | 6.0277662 | 13.13 | 5.7627 |
| 5.67209491 | 14.41 | 27.7949 | 5.84998843 | 14.03 | 12.963 | 6.02788194 | 13.11 | 5.649 |
| 5.67221065 | 14.39 | 28.0095 | 5.85010417 | 14.02 | 12.1817 | 6.02799769 | 13.2 | 7.4969 |
| 5.67232639 | 14.41 | 27.8432 | 5.85021991 | 14.02 | 12.6326 | 6.02811343 | 13.12 | 5.7681 |
| 5.67244213 | 14.39 | 27.9273 | 5.85033565 | 14 | 11.4052 | 6.02822917 | 13.09 | 5.5589 |
| 5.67255787 | 14.41 | 27.7949 | 5.85045139 | 14.02 | 12.5938 | 6.02834491 | 13.13 | 6.274 |
| 5.67267361 | 14.39 | 27.7701 | 5.85056713 | 14.02 | 11.9646 | 6.02846065 | 13.13 | 6.1815 |
| 5.67278935 | 14.41 | 27.7678 | 5.85068287 | 14.02 | 12.5241 | 6.02857639 | 13.11 | 5.8694 |
| 5.67290509 | 14.41 | 27.7799 | 5.85079861 | 14.03 | 12.5016 | 6.02869213 | 13.42 | 10.6371 |
| 5.67302083 | 14.41 | 27.7979 | 5.85091435 | 14.03 | 12.4899 | 6.02880787 | 13.17 | 6.4129 |
| 5.67313657 | 14.41 | 27.8402 | 5.85103009 | 14.03 | 12.2553 | 6.02892361 | 13.26 | 8.4308 |
| 5.67325232 | 14.39 | 27.8909 | 5.85114583 | 14.03 | 12.248 | 6.02903935 | 13.12 | 5.8659 |
| 5.67336806 | 14.41 | 27.7468 | 5.85126157 | 14.04 | 12.288 | 6.02915509 | 13.24 | 7.7718 |
| 5.6734838 | 14.41 | 27.7407 | 5.85137732 | 14.03 | 12.2859 | 6.02927083 | 13.47 | 13.0149 |
| 5.67359954 | 14.39 | 27.7701 | 5.85149306 | 14.08 | 14.9125 | 6.02938657 | 13.48 | 12.3831 |
| 5.67371528 | 14.41 | 27.7017 | 5.8516088 | 14.03 | 12.1251 | 6.02950232 | 13.59 | 13.3517 |
| 5.67383102 | 14.41 | 27.7347 | 5.85172454 | 14.03 | 12.5637 | 6.02961806 | 13.22 | 6.5146 |
| 5.67394676 | 14.41 | 27.7347 | 5.85184028 | 14.04 | 12.4397 | 6.0297338 | 13.47 | 10.4478 |
| 5.6740625 | 14.41 | 27.7708 | 5.85195602 | 14.03 | 12.3219 | 6.02984954 | 13.52 | 11.7751 |
| 5.67417824 | 14.39 | 27.734 | 5.85207176 | 14.04 | 12.1722 | 6.02996528 | 13.61 | 13.2037 |
| 5.67429398 | 14.41 | 27.6598 | 5.8521875 | 14.02 | 12.2058 | 6.03008102 | 13.48 | 10.5916 |
| 5.67440972 | 14.39 | 27.8727 | 5.85230324 | 14.03 | 12.4344 | 6.03019676 | 13.51 | 11.1833 |
| 5.67452546 | 14.39 | 27.8334 | 5.85241898 | 14.02 | 12.1733 | 6.0303125 | 13.24 | 6.6966 |
| 5.6746412 | 14.41 | 27.7347 | 5.85253472 | 14.03 | 11.9844 | 6.03042824 | 13.2 | 6.8518 |
| 5.67475694 | 14.42 | 27.3185 | 5.85265046 | 14.02 | 12.028 | 6.03054398 | 13.14 | 6.6747 |
| 5.67487269 | 14.42 | 27.4389 | 5.8527662 | 14.02 | 12.2511 | 6.03065972 | 13.34 | 10.1864 |
| 5.67498843 | 14.41 | 27.6568 | 5.85288194 | 14.02 | 12.2458 | 6.03077546 | 13.25 | 8.1478 |
| 5.67510417 | 14.41 | 27.6091 | 5.85299769 | 14.03 | 12.3611 | 6.0308912 | 13.35 | 10.7477 |
| 5.67521991 | 14.41 | 27.7047 | 5.85311343 | 14.03 | 12.2912 | 6.03100694 | 13.22 | 0.2083 |
| 5.67533565 | 14.41 | 27.8281 | 5.85322917 | 14.03 | 12.2332 | 6.03112269 | 13.17 | 8.1673 |
| 5.67545139 | 14.39 | 27.689 | 5.85334491 | 14.09 | 19.3471 | 6.03123843 | 13.18 | 0.3178 |
| 5.67556713 | 14.41 | 27.81 | 5.85346065 | 14.03 | 11.8324 | 6.03135417 | 13.08 | 0.0123 |
| 5.67568287 | 14.39 | 27.8666 | 5.85357639 | 14.04 | 14.1842 | 6.03146991 | 13.09 | 0.7461 |
| 5.67579861 | 14.39 | 27.9364 | 5.85369213 | 14.03 | 11.7759 | 6.03158565 | 13.25 | 8.2181 |
| 5.67591435 | 14.38 | 28.1271 | 5.85380787 | 14.07 | 15.9054 | 6.03170139 | 13.3 | 9.5556 |
| 5.67603009 | 14.38 | 28.1302 | 5.85392361 | 14.04 | 12.4333 | 6.03181713 | 13.56 | 17.2341 |
| 5.67614583 | 14.37 | 28.2114 | 5.85403935 | 14.04 | 12.3865 | 6.03193287 | 13.38 | 10.8641 |
| 5.67626157 | 14.38 | 28.164 | 5.85415509 | 14.05 | 14.8222 | 6.03204861 | 13.31 | 9.5413 |
| 5.67637732 | 14.37 | 28.1836 | 5.85427083 | 14.03 | 12.7038 | 6.03216435 | 13.27 | 8.7242 |
| 5.67649306 | 14.37 | 28.0546 | 5.85438657 | 14.05 | 13.9781 | 6.03228009 | 13.25 | 8.2484 |
| 5.6766088 | 14.38 | 28.0076 | 5.85450232 | 14.03 | 12.1 | 6.03239583 | 13.33 | 9.2119 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67672454 | 14.39 | 27.9638 | 5.85461806 | 14.02 | 12.0103 | 6.03251157 | 13.43 | 11.3862 |
| 5.67684028 | 14.39 | 27.9516 | 5.8547338 | 14.02 | 11.8313 | 6.03262732 | 13.7 | 18.8764 |
| 5.67695602 | 14.39 | 27.9364 | 5.85484954 | 14.13 | 20.8038 | 6.03274306 | 13.44 | 9.303 |
| 5.67707176 | 14.39 | 28.0095 | 5.85496528 | 14.09 | 16.6971 | 6.0328588 | 13.42 | 10.1099 |
| 5.6771875 | 14.38 | 27.9954 | 5.85508102 | 14.12 | 19.8654 | 6.03297454 | 13.5 | 10.1815 |
| 5.67730324 | 14.38 | 28.1056 | 5.85519676 | 14.09 | 16.8732 | 6.03309028 | 13.5 | 11.5976 |
| 5.67741898 | 14.38 | 28.081 | 5.8553125 | 14.15 | 18.518 | 6.03320602 | 13.31 | 7.9629 |
| 5.67753472 | 14.39 | 28.0738 | 5.85542824 | 14.12 | 17.9433 | 6.03332176 | 13.5 | 11.5284 |
| 5.67765046 | 14.38 | 28.0841 | 5.85554398 | 14.17 | 21.6824 | 6.0334375 | 13.31 | 8.1571 |
| 5.6777662 | 14.38 | 28.0872 | 5.85565972 | 14.2 | 21.4892 | 6.03355324 | 13.34 | 8.9545 |
| 5.67788194 | 14.39 | 28.0248 | 5.85577546 | 14.05 | 16.3895 | 6.03366898 | 13.39 | 9.7299 |
| 5.67799769 | 14.39 | 28.0309 | 5.8558912 | 14.13 | 20.1164 | 6.03378472 | 13.47 | 11.1611 |
| 5.67811343 | 14.39 | 28.0493 | 5.85600694 | 14.16 | 20.1679 | 6.03390046 | 13.35 | 9.261 |
| 5.67822917 | 14.38 | 28.1117 | 5.85612269 | 14.2 | 21.7747 | 6.0340162 | 13.44 | 10.6876 |
| 5.67834491 | 14.38 | 28.0198 | 5.85623843 | 14.15 | 18.1748 | 6.03413194 | 13.34 | 7.9359 |
| 5.67846065 | 14.39 | 28.0156 | 5.85635417 | 14.16 | 18.3051 | 6.03424769 | 13.48 | 10.7434 |
| 5.67857639 | 14.38 | 28.0381 | 5.85646991 | 14.15 | 18.1595 | 6.03436343 | 13.29 | 7.654 |
| 5.67869213 | 14.38 | 27.8526 | 5.85658565 | 14.17 | 20.4032 | 6.03447917 | 13.43 | 9.6651 |
| 5.67880787 | 14.38 | 27.9345 | 5.85670139 | 14.18 | 19.5161 | 6.03459491 | 13.53 | 11.3959 |
| 5.67892361 | 14.39 | 27.8848 | 5.85681713 | 14.15 | 18.2606 | 6.03471065 | 13.51 | 12.7907 |
| 5.67903935 | 14.39 | 27.8969 | 5.85693287 | 14.15 | 19.6531 | 6.03482639 | 13.26 | 7.6194 |
| 5.67915509 | 14.39 | 27.8848 | 5.85704861 | 14.2 | 22.7821 | 6.03494213 | 13.42 | 10.9588 |
| 5.67927083 | 14.39 | 27.9273 | 5.85716435 | 14.21 | 22.5112 | 6.03505787 | 13.31 | 8.1091 |
| 5.67938657 | 14.39 | 27.8848 | 5.85728009 | 14.24 | 24.2285 | 6.03517361 | 13.26 | 7.6632 |
| 5.67950232 | 14.41 | 27.7738 | 5.85739583 | 14.08 | 20.0232 | 6.03528935 | 13.31 | 8.3592 |
| 5.67961806 | 14.42 | 27.498 | 5.85751157 | 14.21 | 23.3066 | 6.03540509 | 13.24 | 7.3511 |
| 5.6797338 | 14.41 | 27.6778 | 5.85762732 | 14.24 | 24.8202 | 6.03552083 | 13.21 | 7.3553 |
| 5.67984954 | 14.42 | 27.3859 | 5.85774306 | 14.25 | 25.2865 | 6.03563657 | 13.2 | 7.1106 |
| 5.67996528 | 14.42 | 27.3859 | 5.8578588 | 14.18 | 22.3407 | 6.03575232 | 13.13 | 6.3576 |
| 5.68008102 | 14.41 | 27.4874 | 5.85797454 | 14.22 | 24.551 | 6.03586806 | 13.22 | 8.4346 |
| 5.68019676 | 14.41 | 27.4933 | 5.85809028 | 14.26 | 25.3005 | 6.0359838 | 13.14 | 6.577 |
| 5.6803125 | 14.41 | 27.5199 | 5.85820602 | 14.26 | 25.7603 | 6.03609954 | 13.18 | 6.9146 |
| 5.68042824 | 14.41 | 27.5436 | 5.85832176 | 14.24 | 24.1409 | 6.03621528 | 13.3 | 9.5285 |
| 5.68054398 | 14.41 | 27.4814 | 5.8584375 | 14.24 | 25.0849 | 6.03633102 | 13.2 | 7.0384 |
| 5.68065972 | 14.39 | 27.4572 | 5.85855324 | 14.25 | 25.6121 | 6.03644676 | 13.13 | 6.5603 |
| 5.68077546 | 14.41 | 27.4224 | 5.85866898 | 14.24 | 24.2666 | 6.0365625 | 13.11 | 6.2018 |
| 5.6808912 | 14.39 | 27.4719 | 5.85878472 | 14.18 | 23.9321 | 6.03667824 | 13.13 | 6.4799 |
| 5.68100694 | 14.39 | 27.5222 | 5.85890046 | 14.2 | 24.2678 | 6.03679398 | 13.17 | 7.0781 |
| 5.68112269 | 14.39 | 27.4897 | 5.8590162 | 14.25 | 25.7275 | 6.03690972 | 13.46 | 13.623 |
| 5.68123843 | 14.39 | 27.4572 | 5.85913194 | 14.26 | 25.5846 | 6.03702546 | 13.51 | 13.8594 |
| 5.68135417 | 14.39 | 27.4631 | 5.85924769 | 14.29 | 26.5861 | 6.0371412 | 13.65 | 17.3815 |
| 5.68146991 | 14.39 | 27.4926 | 5.85936343 | 14.28 | 26.7471 | 6.03725694 | 13.69 | 18.2415 |
| 5.68158565 | 14.39 | 27.466 | 5.85947917 | 14.28 | 25.8211 | 6.03737269 | 13.33 | 9.5094 |
| 5.68170139 | 14.38 | 27.4495 | 5.85959491 | 14.29 | 26.628 | 6.03748843 | 13.46 | 13.1436 |
| 5.68181713 | 14.39 | 27.4808 | 5.85971065 | 14.29 | 26.7261 | 6.03760417 | 13.37 | 11.3748 |
| 5.68193287 | 14.39 | 27.4986 | 5.85982639 | 14.28 | 26.5986 | 6.03771991 | 13.35 | 11.3364 |
| 5.68204861 | 14.38 | 27.5204 | 5.85994213 | 14.28 | 26.156 | 6.03783565 | 13.37 | 11.544 |
| 5.68216435 | 14.39 | 27.4365 | 5.86005787 | 14.28 | 26.2948 | 6.03795139 | 13.4 | 11.6463 |
| 5.68228009 | 14.39 | 27.5045 | 5.86017361 | 14.29 | 26.614 | 6.03806713 | 13.29 | 9.2923 |
| 5.68239583 | 14.39 | 27.5371 | 5.86028935 | 14.28 | 26.303 | 6.03818287 | 13.3 | 10.0127 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68251157 | 14.38 | 27.4142 | 5.86040509 | 14.29 | 26.5611 | 6.03829861 | 13.33 | 10.7134 |
| 5.68262732 | 14.39 | 27.4749 | 5.86052083 | 14.29 | 26.5917 | 6.03841435 | 13.4 | 11.7479 |
| 5.68274306 | 14.39 | 27.4513 | 5.86063657 | 14.29 | 26.5973 | 6.03853009 | 13.14 | 6.5253 |
| 5.6828588 | 14.39 | 27.4218 | 5.86075232 | 14.26 | 25.7419 | 6.03864583 | 13.18 | 7.6525 |
| 5.68297454 | 14.39 | 27.4365 | 5.86086806 | 14.28 | 24.9938 | 6.03876157 | 13.37 | 12.3919 |
| 5.68309028 | 14.38 | 27.5323 | 5.8609838 | 14.28 | 25.8928 | 6.03887732 | 13.2 | 7.4008 |
| 5.68320602 | 14.38 | 27.5501 | 5.86109954 | 14.29 | 26.464 | 6.03899306 | 13.13 | 7.3554 |
| 5.68332176 | 14.37 | 27.7423 | 5.86121528 | 14.28 | 25.5402 | 6.0391088 | 13.39 | 13.0387 |
| 5.6834375 | 14.35 | 27.859 | 5.86133102 | 14.25 | 24.5368 | 6.03922454 | 13.21 | 8.0079 |
| 5.68355324 | 14.37 | 27.6256 | 5.86144676 | 14.25 | 23.9984 | 6.03934028 | 13.16 | 7.5753 |
| 5.68366898 | 14.35 | 27.9439 | 5.8615625 | 14.21 | 22.5385 | 6.03945602 | 13.27 | 10.9691 |
| 5.68378472 | 14.35 | 27.8409 | 5.86167824 | 14.09 | 15.7695 | 6.03957176 | 13.12 | 6.5062 |
| 5.68390046 | 14.34 | 28.1962 | 5.86179398 | 14.09 | 14.6525 | 6.0396875 | 13.27 | 11.3853 |
| 5.6840162 | 14.35 | 27.9591 | 5.86190972 | 14.12 | 18.1659 | 6.03980324 | 13.14 | 7.0963 |
| 5.68413194 | 14.34 | 27.833 | 5.86202546 | 14.26 | 25.9435 | 6.03991898 | 13.14 | 7.4032 |
| 5.68424769 | 14.37 | 27.7483 | 5.8621412 | 14.17 | 18.103 | 6.04003472 | 13.33 | 12.0523 |
| 5.68436343 | 14.35 | 27.9257 | 5.86225694 | 14.2 | 22.5275 | 6.04015046 | 13.25 | 9.4474 |
| 5.68447917 | 14.34 | 28.0732 | 5.86237269 | 14.21 | 23.2711 | 6.0402662 | 13.17 | 8.0478 |
| 5.68459491 | 14.34 | 28.1376 | 5.86248843 | 14.22 | 24.9424 | 6.04038194 | 13.53 | 16.2212 |
| 5.68471065 | 14.33 | 28.2096 | 5.86260417 | 14.2 | 23.3997 | 6.04049769 | 13.17 | 7.7213 |
| 5.68482639 | 14.35 | 27.9591 | 5.86271991 | 14.22 | 24.3077 | 6.04061343 | 13.33 | 11.9425 |
| 5.68494213 | 14.37 | 27.7573 | 5.86283565 | 14.18 | 22.8928 | 6.04072917 | 13.17 | 7.533 |
| 5.68505787 | 14.34 | 28.1469 | 5.86295139 | 14.22 | 25.2042 | 6.04084491 | 13.14 | 6.9519 |
| 5.68517361 | 14.33 | 28.0835 | 5.86306713 | 14.25 | 25.5287 | 6.04096065 | 13.38 | 13.4339 |
| 5.68528935 | 14.34 | 27.9816 | 5.86318287 | 14.25 | 25.402 | 6.04107639 | 13.4 | 13.2334 |
| 5.68540509 | 14.37 | 27.7273 | 5.86329861 | 14.17 | 21.6351 | 6.04119213 | 13.16 | 7.2548 |
| 5.68552083 | 14.34 | 28.0762 | 5.86341435 | 14.25 | 25.8623 | 6.04130787 | 13.12 | 6.8903 |
| 5.68563657 | 14.34 | 27.9694 | 5.86353009 | 14.13 | 20.4531 | 6.04142361 | 13.09 | 6.5141 |
| 5.68575232 | 14.34 | 28.0732 | 5.86364583 | 14.2 | 24.2725 | 6.04153935 | 13.14 | 7.6081 |
| 5.68586806 | 14.34 | 28.009 | 5.86376157 | 14.2 | 24.3777 | 6.04165509 | 13.21 | 8.8854 |
| 5.6859838 | 14.33 | 28.1911 | 5.86387732 | 14.22 | 25.3959 | 6.04177083 | 13.12 | 7.1179 |
| 5.68609954 | 14.35 | 27.8621 | 5.86399306 | 14.09 | 22.5053 | 6.04188657 | 13.11 | 6.9309 |
| 5.68621528 | 14.35 | 27.8439 | 5.8641088 | 14 | 16.1147 | 6.04200232 | 13.18 | 8.4125 |
| 5.68633102 | 14.33 | 28.1787 | 5.86422454 | 14.18 | 25.1617 | 6.04211806 | 13.11 | 6.3909 |
| 5.68644676 | 14.34 | 27.8753 | 5.86434028 | 14.11 | 20.9747 | 6.0422338 | 13.11 | 6.906 |
| 5.6865625 | 14.34 | 28.0304 | 5.86445602 | 14.24 | 25.8982 | 6.04234954 | 13.2 | 8.7803 |
| 5.68667824 | 14.35 | 27.7836 | 5.86457176 | 14.04 | 15.9334 | 6.04246528 | 13.14 | 7.659 |
| 5.68679398 | 14.37 | 27.7753 | 5.8646875 | 14.02 | 15.798 | 6.04258102 | 13.11 | 7.0855 |
| 5.68690972 | 14.35 | 27.8077 | 5.86480324 | 14.18 | 25.187 | 6.04269676 | 13.11 | 7.6618 |
| 5.68702546 | 14.35 | 27.859 | 5.86491898 | 14.18 | 23.9623 | 6.0428125 | 13.14 | 7.9364 |
| 5.6871412 | 14.35 | 27.8681 | 5.86503472 | 14.24 | 25.5094 | 6.04292824 | 13.11 | 6.8061 |
| 5.68725694 | 14.37 | 27.7784 | 5.86515046 | 13.89 | 11.3742 | 6.04304398 | 13.07 | 6.3906 |
| 5.68737269 | 14.37 | 27.7213 | 5.8652662 | 14.08 | 21.2408 | 6.04315972 | 13.05 | 6.202 |
| 5.68748843 | 14.37 | 27.6734 | 5.86538194 | 14.04 | 19.9359 | 6.04327546 | 13.05 | 6.417 |
| 5.68760417 | 14.37 | 27.6913 | 5.86549769 | 14.21 | 25.369 | 6.0433912 | 13.09 | 7.0245 |
| 5.68771991 | 14.37 | 27.7093 | 5.86561343 | 14.22 | 25.5381 | 6.04350694 | 13.05 | 6.2239 |
| 5.68783565 | 14.37 | 27.7303 | 5.86572917 | 14.25 | 26.0225 | 6.04362269 | 13.07 | 6.5027 |
| 5.68795139 | 14.37 | 27.8266 | 5.86584491 | 14.24 | 25.5587 | 6.04373843 | 13.05 | 6.2961 |
| 5.68806713 | 14.37 | 27.6973 | 5.86596065 | 14.13 | 21.812 | 6.04385417 | 13.05 | 6.1753 |
| 5.68818287 | 14.37 | 27.6793 | 5.86607639 | 14.17 | 23.9569 | 6.04396991 | 13.12 | 7.9093 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68829861 | 14.37 | 27.6913 | 5.86619213 | 14.2 | 24.9852 | 6.04408565 | 13.08 | 6.5561 |
| 5.68841435 | 14.37 | 27.7153 | 5.86630787 | 14.2 | 24.2583 | 6.04420139 | 13.05 | 6.5478 |
| 5.68853009 | 14.37 | 27.7063 | 5.86642361 | 14.13 | 22.5114 | 6.04431713 | 13.12 | 7.9309 |
| 5.68864583 | 14.37 | 27.7063 | 5.86653935 | 14.22 | 25.3368 | 6.04443287 | 13.2 | 9.1015 |
| 5.68876157 | 14.37 | 27.7213 | 5.86665509 | 14.24 | 25.6239 | 6.04454861 | 13.12 | 8.0227 |
| 5.68887732 | 14.35 | 27.8047 | 5.86677083 | 14.26 | 26.2783 | 6.04466435 | 13.18 | 8.157 |
| 5.68899306 | 14.37 | 27.7543 | 5.86688657 | 14.25 | 25.3096 | 6.04478009 | 13.13 | 7.155 |
| 5.6891088 | 14.37 | 27.7453 | 5.86700232 | 14.25 | 25.985 | 6.04489583 | 13.08 | 6.834 |
| 5.68922454 | 14.37 | 27.7423 | 5.86711806 | 14.26 | 26.5622 | 6.04501157 | 13.13 | 7.8961 |
| 5.68934028 | 14.37 | 27.7543 | 5.8672338 | 14.26 | 26.6906 | 6.04512732 | 13.05 | 6.3515 |
| 5.68945602 | 14.37 | 27.7543 | 5.86734954 | 14.26 | 26.4155 | 6.04524306 | 13.04 | 6.3531 |
| 5.68957176 | 14.37 | 27.7453 | 5.86746528 | 14.25 | 25.7538 | 6.0453588 | 13.05 | 6.3023 |
| 5.6896875 | 14.37 | 27.7633 | 5.86758102 | 14.26 | 26.3467 | 6.04547454 | 13.04 | 6.4452 |
| 5.68980324 | 14.37 | 27.7693 | 5.86769676 | 14.26 | 26.4513 | 6.04559028 | 13.03 | 6.1534 |
| 5.68991898 | 14.37 | 27.8417 | 5.8678125 | 14.26 | 26.2538 | 6.04570602 | 13.03 | 6.0599 |
| 5.69003472 | 14.37 | 27.8659 | 5.86792824 | 14.26 | 26.5622 | 6.04582176 | 13.04 | 6.2029 |
| 5.69015046 | 14.35 | 27.847 | 5.86804398 | 14.25 | 26.1438 | 6.0459375 | 13.03 | 6.0512 |
| 5.6902662 | 14.35 | 27.85 | 5.86815972 | 14.25 | 25.857 | 6.04605324 | 13.03 | 6.0109 |
| 5.69038194 | 14.37 | 27.8477 | 5.86827546 | 14.25 | 25.3788 | 6.04616898 | 13.03 | 6.0849 |
| 5.69049769 | 14.35 | 27.8439 | 5.8683912 | 14.24 | 25.2344 | 6.04628472 | 13.03 | 6.1602 |
| 5.69061343 | 14.35 | 27.8954 | 5.86850694 | 14.22 | 24.8528 | 6.04640046 | 13.04 | 6.2002 |
| 5.69072917 | 14.35 | 27.9318 | 5.86862269 | 14.25 | 26.2687 | 6.0465162 | 13.07 | 6.5699 |
| 5.69084491 | 14.35 | 27.9014 | 5.86873843 | 14.26 | 26.0749 | 6.04663194 | 13.07 | 6.7958 |
| 5.69096065 | 14.35 | 27.8681 | 5.86885417 | 14.25 | 25.7828 | 6.04674769 | 13.09 | 7.4583 |
| 5.69107639 | 14.35 | 27.8984 | 5.86896991 | 14.21 | 24.7998 | 6.04686343 | 13.14 | 8.115 |
| 5.69119213 | 14.35 | 27.8742 | 5.86908565 | 14.22 | 24.4493 | 6.04697917 | 13.17 | 8.8671 |
| 5.69130787 | 14.35 | 27.9257 | 5.86920139 | 14.26 | 26.3962 | 6.04709491 | 13.13 | 8.0513 |
| 5.69142361 | 14.35 | 27.9105 | 5.86931713 | 14.28 | 26.6461 | 6.04721065 | 13.05 | 6.6467 |
| 5.69153935 | 14.35 | 27.9835 | 5.86943287 | 14.26 | 26.2756 | 6.04732639 | 13.08 | 6.8733 |
| 5.69165509 | 14.34 | 28.012 | 5.86954861 | 14.28 | 26.8658 | 6.04744213 | 13.04 | 6.1879 |
| 5.69177083 | 14.34 | 28.0701 | 5.86966435 | 14.26 | 26.908 | 6.04755787 | 13.03 | 6.1309 |
| 5.69188657 | 14.34 | 28.0609 | 5.86978009 | 14.26 | 26.9707 | 6.04767361 | 13.04 | 6.2468 |
| 5.69200232 | 14.34 | 28.113 | 5.86989583 | 14.25 | 26.4058 | 6.04778935 | 13.11 | 7.6313 |
| 5.69211806 | 14.34 | 28.0977 | 5.87001157 | 14.25 | 26.9834 | 6.04790509 | 13.04 | 6.6042 |
| 5.6922338 | 14.34 | 27.9907 | 5.87012732 | 14.25 | 26.6723 | 6.04802083 | 13.03 | 6.1909 |
| 5.69234954 | 14.34 | 28.0793 | 5.87024306 | 14.25 | 26.2851 | 6.04813657 | 13.05 | 6.4998 |
| 5.69246528 | 14.34 | 27.9907 | 5.8703588 | 14.25 | 26.7734 | 6.04825232 | 13.03 | 6.2615 |
| 5.69258102 | 14.33 | 28.0865 | 5.87047454 | 14.26 | 26.9565 | 6.04836806 | 13.04 | 6.3921 |
| 5.69269676 | 14.34 | 28.0334 | 5.87059028 | 14.25 | 26.8016 | 6.0484838 | 13.05 | 6.699 |
| 5.6928125 | 14.34 | 28.0426 | 5.87070602 | 14.26 | 26.9936 | 6.04859954 | 13.04 | 6.1661 |
| 5.69292824 | 14.33 | 28.0071 | 5.87082176 | 14.26 | 26.4568 | 6.04871528 | 13.13 | 8.4854 |
| 5.69304398 | 14.35 | 27.95 | 5.8709375 | 14.26 | 26.9024 | 6.04883102 | 13.09 | 7.2733 |
| 5.69315972 | 14.34 | 27.9633 | 5.87105324 | 14.25 | 26.5357 | 6.04894676 | 13.05 | 6.6074 |
| 5.69327546 | 14.35 | 27.9622 | 5.87116898 | 14.26 | 26.4928 | 6.0490625 | 13.17 | 9.1464 |
| 5.6933912 | 14.35 | 27.9896 | 5.87128472 | 14.25 | 25.081 | 6.04917824 | 13.09 | 7.1168 |
| 5.69350694 | 14.35 | 27.9743 | 5.87140046 | 14.24 | 24.648 | 6.04929398 | 13.05 | 6.6024 |
| 5.69362269 | 14.34 | 27.9238 | 5.8715162 | 14.21 | 23.729 | 6.04940972 | 13.03 | 6.221 |
| 5.69373843 | 14.35 | 27.947 | 5.87163194 | 14.2 | 23.1402 | 6.04952546 | 13.03 | 6.1187 |
| 5.69385417 | 14.33 | 27.9492 | 5.87174769 | 14.2 | 23.7787 | 6.0496412 | 13.03 | 6.1384 |
| 5.69396991 | 14.35 | 27.9652 | 5.87186343 | 14.21 | 23.9345 | 6.04975694 | 13.01 | 6.0651 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69408565 | 14.34 | 27.9694 | 5.87197917 | 14.21 | 22.9986 | 6.04987269 | 13.01 | 6.1084 |
| 5.69420139 | 14.35 | 27.9713 | 5.87209491 | 14.11 | 18.6868 | 6.04998843 | 13.05 | 6.958 |
| 5.69431713 | 14.34 | 27.9663 | 5.87221065 | 14.21 | 23.4903 | 6.05010417 | 13.03 | 6.5668 |
| 5.69443287 | 14.35 | 27.9105 | 5.87232639 | 14.18 | 22.1553 | 6.05021991 | 13.03 | 6.1309 |
| 5.69454861 | 14.34 | 27.9633 | 5.87244213 | 14.21 | 22.5596 | 6.05033565 | 13.03 | 6.3938 |
| 5.69466435 | 14.35 | 27.9105 | 5.87255787 | 14.2 | 22.3956 | 6.05045139 | 13.03 | 6.1677 |
| 5.69478009 | 14.35 | 27.8923 | 5.87267361 | 14.22 | 24.1628 | 6.05056713 | 13.03 | 6.221 |
| 5.69489583 | 14.35 | 27.8802 | 5.87278935 | 14.18 | 22.4552 | 6.05068287 | 13.01 | 6.018 |
| 5.69501157 | 14.34 | 27.9511 | 5.87290509 | 14.2 | 22.5844 | 6.05079861 | 13.03 | 6.2244 |
| 5.69512732 | 14.34 | 28.0151 | 5.87302083 | 14.22 | 23.5068 | 6.05091435 | 13.03 | 6.1187 |
| 5.69524306 | 14.34 | 27.9299 | 5.87313657 | 14.22 | 23.254 | 6.05103009 | 13.09 | 7.3838 |
| 5.6953588 | 14.35 | 27.9105 | 5.87325232 | 14.24 | 23.6443 | 6.05114583 | 13.07 | 6.6776 |
| 5.69547454 | 14.34 | 27.939 | 5.87336806 | 14.24 | 23.0484 | 6.05126157 | 13.01 | 6.1077 |
| 5.69559028 | 14.34 | 27.9937 | 5.8734838 | 14.24 | 23.3756 | 6.05137732 | 13.03 | 6.0687 |
| 5.69570602 | 14.34 | 28.0029 | 5.87359954 | 14.22 | 22.5159 | 6.05149306 | 13.01 | 6.0806 |
| 5.69582176 | 14.34 | 27.9937 | 5.87371528 | 14.24 | 23.2531 | 6.0516088 | 13.01 | 5.9906 |
| 5.6959375 | 14.35 | 27.9318 | 5.87383102 | 14.24 | 23.0135 | 6.05172454 | 13.01 | 6.0147 |
| 5.69605324 | 14.34 | 28.009 | 5.87394676 | 14.24 | 23.5716 | 6.05184028 | 13.14 | 8.6221 |
| 5.69616898 | 14.33 | 28.0071 | 5.8740625 | 14.24 | 24.0467 | 6.05195602 | 13.07 | 6.8576 |
| 5.69628472 | 14.34 | 27.9785 | 5.87417824 | 14.24 | 23.9044 | 6.05207176 | 13.03 | 6.0404 |
| 5.69640046 | 14.34 | 27.9481 | 5.87429398 | 14.24 | 24.0702 | 6.0521875 | 13.01 | 6.0442 |
| 5.6965162 | 14.33 | 28.0651 | 5.87440972 | 14.25 | 24.4521 | 6.05230324 | 13.08 | 7.4841 |
| 5.69663194 | 14.33 | 28.1449 | 5.87452546 | 14.22 | 23.6611 | 6.05241898 | 13.31 | 12.7329 |
| 5.69674769 | 14.34 | 28.0762 | 5.8746412 | 14.24 | 24.5553 | 6.05253472 | 13.05 | 6.4393 |
| 5.69686343 | 14.33 | 28.148 | 5.87475694 | 14.25 | 24.7152 | 6.05265046 | 13.04 | 6.8171 |
| 5.69697917 | 14.33 | 28.151 | 5.87487269 | 14.25 | 25.0684 | 6.0527662 | 13.24 | 13.6703 |
| 5.69709491 | 14.31 | 28.1656 | 5.87498843 | 14.24 | 25.0698 | 6.05288194 | 13.03 | 6.1799 |
| 5.69721065 | 14.33 | 28.1633 | 5.87510417 | 14.25 | 24.8237 | 6.05299769 | 13.05 | 7.2999 |
| 5.69732639 | 14.33 | 28.1787 | 5.87521991 | 14.25 | 24.6489 | 6.05311343 | 13.25 | 10.6108 |
| 5.69744213 | 14.33 | 28.151 | 5.87533565 | 14.24 | 24.648 | 6.05322917 | 13.05 | 6.5563 |
| 5.69755787 | 14.33 | 28.1142 | 5.87545139 | 14.25 | 25.1062 | 6.05334491 | 13.03 | 6.2932 |
| 5.69767361 | 14.33 | 28.1387 | 5.87556713 | 14.25 | 25.3788 | 6.05346065 | 13.08 | 7.1351 |
| 5.69778935 | 14.31 | 28.144 | 5.87568287 | 14.25 | 25.0106 | 6.05357639 | 13.14 | 8.5335 |
| 5.69790509 | 14.31 | 28.1164 | 5.87579861 | 14.26 | 25.4548 | 6.05369213 | 13.11 | 7.306 |
| 5.69802083 | 14.34 | 28.0609 | 5.87591435 | 14.26 | 25.1934 | 6.05380787 | 13.13 | 8.1807 |
| 5.69813657 | 14.33 | 28.0804 | 5.87603009 | 14.26 | 24.9117 | 6.05392361 | 13.18 | 9.711 |
| 5.69825232 | 14.33 | 28.0284 | 5.87614583 | 14.25 | 25.2942 | 6.05403935 | 13.16 | 8.626 |
| 5.69836806 | 14.33 | 28.0193 | 5.87626157 | 14.26 | 24.9916 | 6.05415509 | 13.04 | 6.3691 |
| 5.6984838 | 14.33 | 28.0284 | 5.87637732 | 14.25 | 25.1568 | 6.05427083 | 13.03 | 6.1411 |
| 5.69859954 | 14.34 | 27.9998 | 5.87649306 | 14.25 | 25.1847 | 6.05438657 | 13.04 | 6.3303 |
| 5.69871528 | 14.34 | 27.9998 | 5.8766088 | 14.25 | 25.0031 | 6.05450232 | 13.03 | 6.3402 |
| 5.69883102 | 14.34 | 27.9511 | 5.87672454 | 14.25 | 24.851 | 6.05461806 | 13.07 | 6.8656 |
| 5.69894676 | 14.34 | 27.9755 | 5.87684028 | 14.24 | 24.5068 | 6.0547338 | 13.05 | 6.552 |
| 5.6990625 | 14.33 | 28.0529 | 5.87695602 | 14.22 | 24.9374 | 6.05484954 | 13.03 | 6.3333 |
| 5.69917824 | 14.34 | 27.9998 | 5.87707176 | 14.25 | 24.7348 | 6.05496528 | 13.05 | 6.9727 |
| 5.69929398 | 14.33 | 28.0406 | 5.8771875 | 14.25 | 24.5538 | 6.05508102 | 13.07 | 7.2061 |
| 5.69940972 | 14.34 | 28.012 | 5.87730324 | 14.24 | 24.565 | 6.05519676 | 13.07 | 7.0319 |
| 5.69952546 | 14.33 | 28.0376 | 5.87741898 | 14.24 | 24.7535 | 6.0553125 | 13.2 | 9.8002 |
| 5.6996412 | 14.33 | 28.0223 | 5.87753472 | 14.22 | 24.2101 | 6.05542824 | 13.07 | 6.9595 |
| 5.69975694 | 14.33 | 28.0315 | 5.87765046 | 14.24 | 24.4198 | 6.05554398 | 13.09 | 8.0662 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69987269 | 14.34 | 27.9968 | 5.8777662 | 14.22 | 24.1368 | 6.05565972 | 13.12 | 7.9534 |
| 5.69998843 | 14.34 | 28.009 | 5.87788194 | 14.22 | 23.9469 | 6.05577546 | 13.21 | 9.8777 |
| 5.70010417 | 14.34 | 27.8693 | 5.87799769 | 14.24 | 24.2238 | 6.0558912 | 13.12 | 7.7211 |
| 5.70021991 | 14.34 | 27.7547 | 5.87811343 | 14.22 | 24.0662 | 6.05600694 | 13.14 | 8.7633 |
| 5.70033565 | 14.34 | 27.7697 | 5.87822917 | 14.24 | 23.9579 | 6.05612269 | 13.12 | 7.9945 |
| 5.70045139 | 14.34 | 27.7487 | 5.87834491 | 14.24 | 24.174 | 6.05623843 | 13.26 | 12.7779 |
| 5.70056713 | 14.34 | 27.6978 | 5.87846065 | 14.24 | 23.9113 | 6.05635417 | 13.35 | 13.3293 |
| 5.70068287 | 14.34 | 27.7277 | 5.87857639 | 14.25 | 24.2484 | 6.05646991 | 13.27 | 11.1455 |
| 5.70079861 | 14.34 | 27.7637 | 5.87869213 | 14.25 | 24.4497 | 6.05658565 | 13.11 | 7.6305 |
| 5.70091435 | 14.34 | 27.7247 | 5.87880787 | 14.26 | 24.6426 | 6.05670139 | 13.21 | 8.8389 |
| 5.70103009 | 14.34 | 27.7427 | 5.87892361 | 14.26 | 24.499 | 6.05681713 | 13.34 | 11.5918 |
| 5.70114583 | 14.34 | 27.7637 | 5.87903935 | 14.26 | 24.5451 | 6.05693287 | 13.3 | 13.2612 |
| 5.70126157 | 14.34 | 27.7367 | 5.87915509 | 14.26 | 24.499 | 6.05704861 | 13.5 | 17.2796 |
| 5.70137732 | 14.34 | 27.7397 | 5.87927083 | 14.26 | 24.5014 | 6.05716435 | 13.17 | 9.0335 |
| 5.70149306 | 14.34 | 27.7307 | 5.87938657 | 14.26 | 24.9641 | 6.05728009 | 13.25 | 10.0128 |
| 5.7016088 | 14.35 | 27.3824 | 5.87950232 | 14.26 | 24.5402 | 6.05739583 | 13.07 | 6.4367 |
| 5.70172454 | 14.34 | 27.3133 | 5.87961806 | 14.25 | 24.515 | 6.05751157 | 13.26 | 10.6913 |
| 5.70184028 | 14.34 | 27.5281 | 5.8797338 | 14.25 | 24.9906 | 6.05762732 | 13.46 | 16.2267 |
| 5.70195602 | 14.35 | 27.4059 | 5.87984954 | 14.26 | 25.5144 | 6.05774306 | 13.33 | 12.1279 |
| 5.70207176 | 14.35 | 27.5981 | 5.87996528 | 14.26 | 25.5273 | 6.0578588 | 13.22 | 9.1301 |
| 5.7021875 | 14.34 | 27.641 | 5.88008102 | 14.26 | 25.5325 | 6.05797454 | 13.18 | 8.4242 |
| 5.70230324 | 14.34 | 27.5251 | 5.88019676 | 14.26 | 25.6133 | 6.05809028 | 13.12 | 7.6418 |
| 5.70241898 | 14.35 | 27.456 | 5.8803125 | 14.26 | 25.6919 | 6.05820602 | 13.07 | 6.6254 |
| 5.70253472 | 14.34 | 27.6888 | 5.88042824 | 14.26 | 25.6709 | 6.05832176 | 13.16 | 9.1954 |
| 5.70265046 | 14.34 | 27.827 | 5.88054398 | 14.26 | 25.7024 | 6.0584375 | 13.13 | 8.2102 |
| 5.7027662 | 14.34 | 27.8089 | 5.88065972 | 14.26 | 25.8079 | 6.05855324 | 13.14 | 8.5444 |
| 5.70288194 | 14.34 | 27.7607 | 5.88077546 | 14.26 | 25.8159 | 6.05866898 | 13.17 | 9.2859 |
| 5.70299769 | 14.34 | 27.6918 | 5.8808912 | 14.26 | 25.8106 | 6.05878472 | 13.14 | 8.159 |
| 5.70311343 | 14.34 | 27.6948 | 5.88100694 | 14.26 | 25.8982 | 6.05890046 | 13.11 | 7.1572 |
| 5.70322917 | 14.34 | 27.7127 | 5.88112269 | 14.26 | 25.705 | 6.0590162 | 13.18 | 9.3244 |
| 5.70334491 | 14.34 | 27.6112 | 5.88123843 | 14.26 | 25.9328 | 6.05913194 | 13.14 | 8.3698 |
| 5.70346065 | 14.34 | 27.5518 | 5.88135417 | 14.26 | 25.7235 | 6.05924769 | 13.16 | 9.7581 |
| 5.70357639 | 14.34 | 27.5251 | 5.88146991 | 14.25 | 25.6618 | 6.05936343 | 13.11 | 7.7887 |
| 5.70369213 | 14.33 | 27.5589 | 5.88158565 | 14.26 | 25.7868 | 6.05947917 | 13.07 | 6.8169 |
| 5.70380787 | 14.34 | 27.5577 | 5.88170139 | 14.26 | 25.8079 | 6.05959491 | 13.07 | 6.8576 |
| 5.70392361 | 14.34 | 27.5103 | 5.88181713 | 14.26 | 25.7445 | 6.05971065 | 13.09 | 7.125 |
| 5.70403935 | 14.35 | 27.2189 | 5.88193287 | 14.25 | 25.366 | 6.05982639 | 13.07 | 6.6711 |
| 5.70415509 | 14.35 | 27.1464 | 5.88204861 | 14.26 | 25.7683 | 6.05994213 | 13.11 | 8.656 |
| 5.70427083 | 14.35 | 27.1986 | 5.88216435 | 14.26 | 25.5742 | 6.06005787 | 13.27 | 10.7828 |
| 5.70438657 | 14.34 | 27.4483 | 5.88228009 | 14.26 | 25.4988 | 6.06017361 | 13.29 | 11.5121 |
| 5.70450232 | 14.35 | 27.2829 | 5.88239583 | 14.26 | 25.504 | 6.06028935 | 13.21 | 10.0652 |
| 5.70461806 | 14.37 | 27.0949 | 5.88251157 | 14.25 | 25.5339 | 6.06040509 | 13.13 | 8.5753 |
| 5.7047338 | 14.37 | 27.0029 | 5.88262732 | 14.25 | 25.3583 | 6.06052083 | 13.14 | 8.413 |
| 5.70484954 | 14.37 | 26.9286 | 5.88274306 | 14.26 | 25.6316 | 6.06063657 | 13.18 | 10.6777 |
| 5.70496528 | 14.35 | 27.1378 | 5.8828588 | 14.26 | 25.6316 | 6.06075232 | 13.22 | 10.7306 |
| 5.70508102 | 14.34 | 27.2637 | 5.88297454 | 14.25 | 25.1264 | 6.06086806 | 13.12 | 7.6152 |
| 5.70519676 | 14.34 | 27.4778 | 5.88309028 | 14.25 | 25.0886 | 6.0609838 | 13.26 | 11.0036 |
| 5.7053125 | 14.34 | 27.5073 | 5.88320602 | 14.24 | 24.7363 | 6.06109954 | 13.4 | 14.6237 |
| 5.70542824 | 14.34 | 27.534 | 5.88332176 | 14.25 | 24.9131 | 6.06121528 | 13.44 | 15.5655 |
| 5.70554398 | 14.33 | 27.7079 | 5.8834375 | 14.09 | 20.1319 | 6.06133102 | 13.37 | 13.2987 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70565972 | 14.34 | 27.3309 | 5.88355324 | 14.09 | 20.6797 | 6.06144676 | 13.43 | 16.6413 |
| 5.70577546 | 14.34 | 27.4454 | 5.88366898 | 14.18 | 24.1051 | 6.0615625 | 13.21 | 10.1438 |
| 5.7058912 | 14.34 | 27.3046 | 5.88378472 | 14.22 | 24.7417 | 6.06167824 | 13.4 | 15.7623 |
| 5.70600694 | 14.35 | 27.3297 | 5.88390046 | 14.24 | 25.1001 | 6.06179398 | 13.39 | 12.6619 |
| 5.70612269 | 14.35 | 27.2917 | 5.8840162 | 14.25 | 25.4226 | 6.06190972 | 13.12 | 7.1636 |
| 5.70623843 | 14.35 | 27.359 | 5.88413194 | 14.26 | 25.3287 | 6.06202546 | 13.12 | 7.4979 |
| 5.70635417 | 14.34 | 27.3719 | 5.88424769 | 14.26 | 25.7235 | 6.0621412 | 13.29 | 12.4767 |
| 5.70646991 | 14.34 | 27.2987 | 5.88436343 | 14.26 | 25.5481 | 6.06225694 | 13.11 | 7.1168 |
| 5.70658565 | 14.34 | 27.5963 | 5.88447917 | 14.22 | 24.6827 | 6.06237269 | 13.09 | 7.2703 |
| 5.70670139 | 14.35 | 27.5358 | 5.88459491 | 14.11 | 20.7591 | 6.06248843 | 13.24 | 10.2686 |
| 5.70681713 | 14.34 | 27.5281 | 5.88471065 | 14.18 | 23.814 | 6.06260417 | 13.21 | 9.5554 |
| 5.70693287 | 14.34 | 27.5488 | 5.88482639 | 14.22 | 24.7195 | 6.06271991 | 13.09 | 7.2061 |
| 5.70704861 | 14.34 | 27.6142 | 5.88494213 | 14.22 | 25.0878 | 6.06283565 | 13.34 | 12.5961 |
| 5.70716435 | 14.34 | 27.5399 | 5.88505787 | 14.25 | 25.4639 | 6.06295139 | 13.25 | 10.7982 |
| 5.70728009 | 14.35 | 27.3912 | 5.88517361 | 14.24 | 25.1937 | 6.06306713 | 13.33 | 12.7742 |
| 5.70739583 | 14.35 | 27.3238 | 5.88528935 | 14.24 | 25.2803 | 6.06318287 | 13.38 | 13.8484 |
| 5.70751157 | 14.35 | 27.1464 | 5.88540509 | 14.21 | 24.3259 | 6.06329861 | 13.47 | 16.6404 |
| 5.70762732 | 14.35 | 26.64 | 5.88552083 | 14.21 | 24.4677 | 6.06341435 | 13.31 | 11.687 |
| 5.70774306 | 14.37 | 27.1007 | 5.88563657 | 14.18 | 23.7542 | 6.06353009 | 13.4 | 15.6305 |
| 5.7078588 | 14.34 | 27.3572 | 5.88575232 | 14.2 | 24.445 | 6.06364583 | 13.18 | 8.3743 |
| 5.70797454 | 14.37 | 26.7048 | 5.88586806 | 14.2 | 24.1257 | 6.06376157 | 13.16 | 8.5947 |
| 5.70809028 | 14.35 | 27.0772 | 5.8859838 | 14.18 | 23.8602 | 6.06387732 | 13.39 | 14.6384 |
| 5.70820602 | 14.34 | 27.7217 | 5.88609954 | 14.18 | 24.2684 | 6.06399306 | 13.43 | 15.8448 |
| 5.70832176 | 14.37 | 27.2252 | 5.88621528 | 14.21 | 24.7161 | 6.0641088 | 13.43 | 14.8524 |
| 5.7084375 | 14.35 | 27.5625 | 5.88633102 | 14.22 | 24.7761 | 6.06422454 | 13.56 | 18.442 |
| 5.70855324 | 14.34 | 27.7547 | 5.88644676 | 14.17 | 22.8298 | 6.06434028 | 13.47 | 17.1791 |
| 5.70866898 | 14.35 | 26.8883 | 5.8865625 | 14.2 | 23.811 | 6.06445602 | 13.42 | 16.4738 |
| 5.70878472 | 14.37 | 25.9985 | 5.88667824 | 14.17 | 23.4133 | 6.06457176 | 13.53 | 17.5825 |
| 5.70890046 | 14.37 | 26.7048 | 5.88679398 | 14.04 | 18.4425 | 6.0646875 | 13.61 | 19.6143 |
| 5.7090162 | 14.37 | 27.0115 | 5.88690972 | 14.08 | 21.1324 | 6.06480324 | 13.68 | 20.856 |
| 5.70913194 | 14.35 | 27.3502 | 5.88702546 | 13.98 | 16.3019 | 6.06491898 | 13.64 | 20.5345 |
| 5.70924769 | 14.34 | 27.4365 | 5.8871412 | 14.05 | 19.5058 | 6.06503472 | 13.64 | 19.5284 |
| 5.70936343 | 14.34 | 27.6142 | 5.88725694 | 14.09 | 20.9238 | 6.06515046 | 13.52 | 15.2618 |
| 5.70947917 | 14.35 | 27.3942 | 5.88737269 | 14.17 | 23.2353 | 6.0652662 | 13.57 | 18.787 |
| 5.70959491 | 14.35 | 26.8429 | 5.88748843 | 14.18 | 23.4904 | 6.06538194 | 13.48 | 17.1193 |
| 5.70971065 | 14.37 | 26.8347 | 5.88760417 | 14.2 | 23.9174 | 6.06549769 | 13.5 | 17.8378 |
| 5.70982639 | 14.35 | 27.2742 | 5.88771991 | 14.21 | 23.9345 | 6.06561343 | 13.53 | 17.7558 |
| 5.70994213 | 14.35 | 27.359 | 5.88783565 | 14.24 | 24.5675 | 6.06572917 | 13.4 | 14.7562 |
| 5.71005787 | 14.34 | 27.4218 | 5.88795139 | 14.24 | 24.5553 | 6.06584491 | 13.51 | 15.7017 |
| 5.71017361 | 14.35 | 26.894 | 5.88806713 | 14.18 | 23.216 | 6.06596065 | 13.35 | 11.6133 |
| 5.71028935 | 14.35 | 27.0628 | 5.88818287 | 14.22 | 24.3915 | 6.06607639 | 13.31 | 12.4949 |
| 5.71040509 | 14.35 | 27.0571 | 5.88829861 | 14.24 | 25.0422 | 6.06619213 | 13.46 | 15.44 |
| 5.71052083 | 14.37 | 26.6403 | 5.88841435 | 14.25 | 25.3865 | 6.06630787 | 13.25 | 10.1764 |
| 5.71063657 | 14.38 | 26.2873 | 5.88853009 | 14.24 | 25.0045 | 6.06642361 | 13.12 | 7.6779 |
| 5.71075232 | 14.39 | 25.5694 | 5.88864583 | 14.18 | 23.1983 | 6.06653935 | 13.16 | 8.835 |
| 5.71086806 | 14.38 | 25.9516 | 5.88876157 | 14.24 | 25.0045 | 6.06665509 | 13.38 | 15.6438 |
| 5.7109838 | 14.38 | 25.9034 | 5.88887732 | 14.17 | 22.3423 | 6.06677083 | 13.42 | 15.8229 |
| 5.71109954 | 14.38 | 26.1782 | 5.88899306 | 14.24 | 24.8103 | 6.06688657 | 13.47 | 16.0486 |
| 5.71121528 | 14.38 | 25.973 | 5.8891088 | 14.21 | 24.0794 | 6.06700232 | 13.44 | 15.872 |
| 5.71133102 | 14.38 | 25.8209 | 5.88922454 | 14.24 | 24.972 | 6.06711806 | 13.5 | 17.3585 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71144676 | 14.38 | 26.2081 | 5.88934028 | 14.25 | 25.3147 | 6.0672338 | 13.39 | 13.3807 |
| 5.7115625 | 14.38 | 26.1728 | 5.88945602 | 14.24 | 25.4498 | 6.06734954 | 13.27 | 11.1595 |
| 5.71167824 | 14.37 | 26.6123 | 5.88957176 | 14.25 | 25.4536 | 6.06746528 | 13.46 | 17.4198 |
| 5.71179398 | 14.37 | 26.8802 | 5.8896875 | 14.26 | 25.4729 | 6.06758102 | 13.5 | 18.0714 |
| 5.71190972 | 14.37 | 26.7866 | 5.88980324 | 14.25 | 25.3506 | 6.06769676 | 13.55 | 18.5761 |
| 5.71202546 | 14.38 | 25.8103 | 5.88991898 | 14.2 | 23.742 | 6.0678125 | 13.64 | 20.3589 |
| 5.7121412 | 14.37 | 26.5453 | 5.89003472 | 14.26 | 25.2954 | 6.06792824 | 13.69 | 20.8709 |
| 5.71225694 | 14.37 | 25.8302 | 5.89015046 | 14.25 | 25.0432 | 6.06804398 | 13.69 | 20.9116 |
| 5.71237269 | 14.38 | 25.9088 | 5.8902662 | 14.26 | 25.4057 | 6.06815972 | 13.7 | 20.8581 |
| 5.71248843 | 14.38 | 25.5943 | 5.89038194 | 14.25 | 25.1695 | 6.06827546 | 13.7 | 20.8618 |
| 5.71260417 | 14.39 | 25.3286 | 5.89049769 | 14.25 | 25.0432 | 6.0683912 | 13.66 | 20.133 |
| 5.71271991 | 14.38 | 25.4719 | 5.89061343 | 14.24 | 24.7634 | 6.06850694 | 13.68 | 20.6471 |
| 5.71283565 | 14.37 | 26.0119 | 5.89072917 | 14.21 | 25.0389 | 6.06862269 | 13.66 | 20.3644 |
| 5.71295139 | 14.34 | 26.8924 | 5.89084491 | 14.18 | 24.1287 | 6.06873843 | 13.63 | 19.5873 |
| 5.71306713 | 14.37 | 26.1469 | 5.89096065 | 14.26 | 25.6238 | 6.06885417 | 13.66 | 20.1681 |
| 5.71318287 | 14.38 | 24.9095 | 5.89107639 | 14.24 | 25.09 | 6.06896991 | 13.65 | 20.0145 |
| 5.71329861 | 14.41 | 24.4288 | 5.89119213 | 14.28 | 26.3113 | 6.06908565 | 13.61 | 19.5001 |
| 5.71341435 | 14.41 | 24.9629 | 5.89130787 | 14.25 | 25.804 | 6.06920139 | 13.55 | 17.7894 |
| 5.71353009 | 14.38 | 25.7441 | 5.89142361 | 14.24 | 25.1506 | 6.06931713 | 13.53 | 17.8462 |
| 5.71364583 | 14.41 | 24.2582 | 5.89153935 | 14.25 | 25.5834 | 6.06943287 | 13.52 | 17.4736 |
| 5.71376157 | 14.42 | 24.4927 | 5.89165509 | 14.24 | 25.4137 | 6.06954861 | 13.56 | 18.391 |
| 5.71387732 | 14.41 | 24.6087 | 5.89177083 | 14.25 | 25.5157 | 6.06966435 | 13.59 | 19.0448 |
| 5.71399306 | 14.43 | 23.6155 | 5.89188657 | 14.21 | 24.6572 | 6.06978009 | 13.57 | 18.4388 |
| 5.7141088 | 14.44 | 23.5685 | 5.89200232 | 14.13 | 23.0636 | 6.06989583 | 13.64 | 19.9141 |
| 5.71422454 | 14.43 | 23.6224 | 5.89211806 | 14.21 | 25.1954 | 6.07001157 | 13.68 | 20.3877 |
| 5.71434028 | 14.43 | 23.6155 | 5.8922338 | 14.24 | 25.4679 | 6.07012732 | 13.68 | 20.709 |
| 5.71445602 | 14.44 | 23.7794 | 5.89234954 | 14.21 | 24.7112 | 6.07024306 | 13.63 | 19.5168 |
| 5.71457176 | 14.43 | 23.9809 | 5.89246528 | 14.16 | 23.8102 | 6.0703588 | 13.65 | 20.1558 |
| 5.7146875 | 14.43 | 24.4816 | 5.89258102 | 14.2 | 24.7274 | 6.07047454 | 13.65 | 19.7548 |
| 5.71480324 | 14.43 | 24.2267 | 5.89269676 | 14.18 | 23.981 | 6.07059028 | 13.63 | 19.3471 |
| 5.71491898 | 14.43 | 23.9833 | 5.8928125 | 14.2 | 24.8433 | 6.07070602 | 13.65 | 20.2191 |
| 5.71503472 | 14.43 | 24.1696 | 5.89292824 | 14.21 | 25.1701 | 6.07082176 | 13.42 | 15.0998 |
| 5.71515046 | 14.43 | 24.1293 | 5.89304398 | 14.24 | 25.5171 | 6.0709375 | 13.46 | 15.4808 |
| 5.7152662 | 14.38 | 25.7706 | 5.89315972 | 14.2 | 24.5904 | 6.07105324 | 13.35 | 11.9467 |
| 5.71538194 | 14.43 | 24.1506 | 5.89327546 | 14.22 | 25.4707 | 6.07116898 | 13.24 | 10.6001 |
| 5.71549769 | 14.44 | 23.4303 | 5.8933912 | 14.21 | 25.0766 | 6.07128472 | 13.3 | 12.4092 |
| 5.71561343 | 14.44 | 23.7287 | 5.89350694 | 14.09 | 21.3504 | 6.07140046 | 13.35 | 13.9825 |
| 5.71572917 | 14.39 | 26.1878 | 5.89362269 | 14.2 | 25.1083 | 6.0715162 | 13.33 | 13.7681 |
| 5.71584491 | 14.39 | 25.4291 | 5.89373843 | 14.21 | 24.6572 | 6.07163194 | 13.29 | 12.0922 |
| 5.71596065 | 14.42 | 24.5608 | 5.89385417 | 14.24 | 25.5068 | 6.07174769 | 13.25 | 11.1364 |
| 5.71607639 | 14.41 | 25.3696 | 5.89396991 | 14.25 | 25.6775 | 6.07186343 | 13.25 | 11.6385 |
| 5.71619213 | 14.42 | 24.6171 | 5.89408565 | 14.15 | 22.3787 | 6.07197917 | 13.4 | 16.6105 |
| 5.71630787 | 14.39 | 26.0335 | 5.89420139 | 14.21 | 24.8344 | 6.07209491 | 13.48 | 16.9519 |
| 5.71642361 | 14.39 | 25.6427 | 5.89431713 | 14.22 | 25.1763 | 6.07221065 | 13.56 | 18.9195 |
| 5.71653935 | 14.41 | 25.961 | 5.89443287 | 14.25 | 25.5834 | 6.07232639 | 13.63 | 20.4231 |
| 5.71665509 | 14.39 | 25.4887 | 5.89454861 | 14.25 | 25.6775 | 6.07244213 | 13.61 | 20.1137 |
| 5.71677083 | 14.37 | 26.94 | 5.89466435 | 14.16 | 21.3426 | 6.07255787 | 13.63 | 20.091 |
| 5.71688657 | 14.35 | 27.7416 | 5.89478009 | 14.16 | 21.3658 | 6.07267361 | 13.64 | 20.3892 |
| 5.71700232 | 14.37 | 26.9058 | 5.89489583 | 14.2 | 23.1621 | 6.07278935 | 13.68 | 21.0045 |
| 5.71711806 | 14.37 | 26.1714 | 5.89501157 | 14.16 | 18.658 | 6.07290509 | 13.66 | 20.6796 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7172338 | 14.39 | 25.6244 | 5.89512732 | 14.17 | 21.5311 | 6.07302083 | 13.65 | 20.3964 |
| 5.71734954 | 14.38 | 26.0699 | 5.89524306 | 14.12 | 13.9239 | 6.07313657 | 13.65 | 20.265 |
| 5.71746528 | 14.39 | 26.1579 | 5.8953588 | 14.17 | 21.2469 | 6.07325232 | 13.63 | 19.7907 |
| 5.71758102 | 14.38 | 26.078 | 5.89547454 | 14.17 | 18.5775 | 6.07336806 | 13.63 | 19.9193 |
| 5.71769676 | 14.37 | 26.8149 | 5.89559028 | 14.21 | 24.0349 | 6.0734838 | 13.6 | 19.1747 |
| 5.7178125 | 14.35 | 27.3472 | 5.89570602 | 14.2 | 22.0015 | 6.07359954 | 13.61 | 19.5303 |
| 5.71792824 | 14.38 | 26.1077 | 5.89582176 | 14.17 | 20.5224 | 6.07371528 | 13.61 | 19.6565 |
| 5.71804398 | 14.35 | 27.4619 | 5.8959375 | 14.22 | 24.4012 | 6.07383102 | 13.64 | 19.9383 |
| 5.71815972 | 14.37 | 27.0115 | 5.89605324 | 14.24 | 25.0547 | 6.07394676 | 13.63 | 19.7055 |
| 5.71827546 | 14.37 | 27.0402 | 5.89616898 | 14.22 | 25.4914 | 6.0740625 | 13.69 | 20.6417 |
| 5.7183912 | 14.35 | 27.4501 | 5.89628472 | 14.18 | 22.6235 | 6.07417824 | 13.68 | 20.6944 |
| 5.71850694 | 14.35 | 27.4619 | 5.89640046 | 14.03 | 13.1961 | 6.07429398 | 13.66 | 20.3983 |
| 5.71862269 | 14.35 | 27.0714 | 5.8965162 | 14.16 | 23.998 | 6.07440972 | 13.64 | 19.9435 |
| 5.71873843 | 14.37 | 26.9029 | 5.89663194 | 14.16 | 23.716 | 6.07452546 | 13.64 | 19.8814 |
| 5.71885417 | 14.37 | 26.5788 | 5.89674769 | 14.17 | 23.7534 | 6.0746412 | 13.63 | 19.6108 |
| 5.71896991 | 14.35 | 27.4855 | 5.89686343 | 14.17 | 23.621 | 6.07475694 | 13.64 | 19.8814 |
| 5.71908565 | 14.34 | 27.7277 | 5.89697917 | 14.22 | 24.7244 | 6.07487269 | 13.66 | 20.327 |
| 5.71920139 | 14.34 | 27.5666 | 5.89709491 | 14.21 | 23.7175 | 6.07498843 | 13.65 | 20.2809 |
| 5.71931713 | 14.34 | 27.6828 | 5.89721065 | 14.22 | 26.0158 | 6.07510417 | 13.69 | 20.7037 |
| 5.71943287 | 14.37 | 26.4565 | 5.89732639 | 14.21 | 25.6254 | 6.07521991 | 13.68 | 20.6507 |
| 5.71954861 | 14.34 | 27.7367 | 5.89744213 | 14.16 | 23.3545 | 6.07533565 | 13.57 | 18.3939 |
| 5.71966435 | 14.35 | 27.0628 | 5.89755787 | 14.22 | 26.4841 | 6.07545139 | 13.56 | 18.0387 |
| 5.71978009 | 14.34 | 27.4365 | 5.89767361 | 14.25 | 27.0005 | 6.07556713 | 13.61 | 18.9833 |
| 5.71989583 | 14.35 | 27.0255 | 5.89778935 | 14.16 | 22.4542 | 6.07568287 | 13.61 | 19.3455 |
| 5.72001157 | 14.35 | 26.9339 | 5.89790509 | 14.15 | 22.9257 | 6.07579861 | 13.63 | 19.9159 |
| 5.72012732 | 14.35 | 27.5654 | 5.89802083 | 14.21 | 25.7435 | 6.07591435 | 13.65 | 20.3146 |
| 5.72024306 | 14.34 | 27.6888 | 5.89813657 | 14.16 | 23.6293 | 6.07603009 | 13.66 | 20.5527 |
| 5.7203588 | 14.35 | 27.7476 | 5.89825232 | 14.25 | 26.9235 | 6.07614583 | 13.57 | 18.8236 |
| 5.72047454 | 14.35 | 27.5387 | 5.89836806 | 14.22 | 25.7737 | 6.07626157 | 13.57 | 17.9394 |
| 5.72059028 | 14.37 | 26.5648 | 5.8984838 | 14.25 | 26.9634 | 6.07637732 | 13.61 | 19.7805 |
| 5.72070602 | 14.35 | 27.5121 | 5.89859954 | 14.24 | 26.4843 | 6.07649306 | 13.7 | 21.2573 |
| 5.72082176 | 14.37 | 26.6655 | 5.89871528 | 14.21 | 25.977 | 6.0766088 | 13.66 | 20.1839 |
| 5.7209375 | 14.37 | 26.7725 | 5.89883102 | 14.22 | 26.4427 | 6.07672454 | 13.69 | 20.7512 |
| 5.72105324 | 14.35 | 27.7596 | 5.89894676 | 14.25 | 26.8327 | 6.07684028 | 13.61 | 19.2812 |
| 5.72116898 | 14.35 | 27.1551 | 5.8990625 | 14.24 | 26.4043 | 6.07695602 | 13.52 | 17.3955 |
| 5.72128472 | 14.37 | 26.2968 | 5.89917824 | 14.16 | 24.2334 | 6.07707176 | 13.53 | 17.4098 |
| 5.72140046 | 14.37 | 26.8745 | 5.89929398 | 14.18 | 24.8264 | 6.0771875 | 13.55 | 18.7619 |
| 5.7215162 | 14.37 | 26.6235 | 5.89940972 | 14.2 | 24.2725 | 6.07730324 | 13.61 | 19.692 |
| 5.72163194 | 14.34 | 27.6708 | 5.89952546 | 14.17 | 25.2622 | 6.07741898 | 13.64 | 19.765 |
| 5.72174769 | 14.34 | 27.7217 | 5.8996412 | 14.12 | 22.7756 | 6.07753472 | 13.65 | 20.5544 |
| 5.72186343 | 14.34 | 27.7247 | 5.89975694 | 14.21 | 26.1518 | 6.07765046 | 13.65 | 20.4304 |
| 5.72197917 | 14.35 | 27.7596 | 5.89987269 | 14.17 | 24.351 | 6.0777662 | 13.7 | 21.2668 |
| 5.72209491 | 14.34 | 27.7397 | 5.89998843 | 14.16 | 24.25 | 6.07788194 | 13.73 | 21.4823 |
| 5.72221065 | 14.34 | 27.7998 | 5.90010417 | 14.16 | 24.2286 | 6.07799769 | 13.57 | 17.9859 |
| 5.72232639 | 14.35 | 27.7176 | 5.90021991 | 14.16 | 22.7244 | 6.07811343 | 13.27 | 10.2786 |
| 5.72244213 | 14.35 | 27.4412 | 5.90033565 | 14.2 | 24.888 | 6.07822917 | 13.27 | 10.7224 |
| 5.72255787 | 14.35 | 27.2888 | 5.90045139 | 14.16 | 21.051 | 6.07834491 | 13.53 | 18.9632 |
| 5.72267361 | 14.34 | 27.8089 | 5.90056713 | 14.18 | 24.0981 | 6.07846065 | 13.69 | 21.2895 |
| 5.72278935 | 14.35 | 27.7596 | 5.90068287 | 14.17 | 20.4608 | 6.07857639 | 13.79 | 22.6596 |
| 5.72290509 | 14.35 | 27.4737 | 5.90079861 | 14.17 | 19.9506 | 6.07869213 | 13.87 | 23.6681 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72302083 | 14.35 | 27.6906 | 5.90091435 | 14.16 | 18.7612 | 6.07880787 | 13.92 | 24.2109 |
| 5.72313657 | 14.34 | 27.6142 | 5.90103009 | 14.21 | 23.064 | 6.07892361 | 13.81 | 21.9251 |
| 5.72325232 | 14.35 | 27.359 | 5.90114583 | 14.2 | 22.6861 | 6.07903935 | 13.64 | 18.8307 |
| 5.72336806 | 14.35 | 27.7326 | 5.90126157 | 14.22 | 22.9492 | 6.07915509 | 13.17 | 8.6899 |
| 5.7234838 | 14.37 | 27.7693 | 5.90137732 | 14.24 | 22.5379 | 6.07927083 | 13.51 | 17.8778 |
| 5.72359954 | 14.37 | 27.2718 | 5.90149306 | 14.21 | 20.1755 | 6.07938657 | 13.64 | 20.5724 |
| 5.72371528 | 14.35 | 27.2771 | 5.9016088 | 14.21 | 21.4331 | 6.07950232 | 13.46 | 15.8364 |
| 5.72383102 | 14.35 | 27.2131 | 5.90172454 | 14.21 | 20.0715 | 6.07961806 | 13.53 | 17.3392 |
| 5.72394676 | 14.38 | 26.0429 | 5.90184028 | 14.18 | 18.8667 | 6.0797338 | 13.63 | 20.1997 |
| 5.7240625 | 14.35 | 27.7446 | 5.90195602 | 14.2 | 19.8694 | 6.07984954 | 13.57 | 18.6763 |
| 5.72417824 | 14.35 | 27.6816 | 5.90207176 | 14.2 | 19.5044 | 6.07996528 | 13.56 | 18.9532 |
| 5.72429398 | 14.35 | 27.4295 | 5.9021875 | 14.16 | 17.8545 | 6.08008102 | 13.55 | 18.2544 |
| 5.72440972 | 14.35 | 27.4265 | 5.90230324 | 14.15 | 20.3348 | 6.08019676 | 13.64 | 20.3198 |
| 5.72452546 | 14.35 | 27.5358 | 5.90241898 | 14.24 | 23.4474 | 6.0803125 | 13.73 | 21.9306 |
| 5.7246412 | 14.35 | 27.7146 | 5.90253472 | 14.18 | 19.6753 | 6.08042824 | 13.76 | 22.133 |
| 5.72475694 | 14.35 | 27.5952 | 5.90265046 | 14.2 | 20.1913 | 6.08054398 | 13.61 | 19.5386 |
| 5.72487269 | 14.37 | 27.0489 | 5.9027662 | 14.21 | 20.3177 | 6.08065972 | 13.64 | 20.4017 |
| 5.72498843 | 14.35 | 27.6787 | 5.90288194 | 14.22 | 20.9378 | 6.08077546 | 13.61 | 19.3836 |
| 5.72510417 | 14.35 | 27.4265 | 5.90299769 | 14.21 | 20.0961 | 6.0808912 | 13.65 | 20.4393 |
| 5.72521991 | 14.37 | 26.9001 | 5.90311343 | 14.21 | 19.8366 | 6.08100694 | 13.61 | 19.5621 |
| 5.72533565 | 14.34 | 27.4542 | 5.90322917 | 14.21 | 19.8504 | 6.08112269 | 13.65 | 19.9279 |
| 5.72545139 | 14.35 | 27.1233 | 5.90334491 | 14.21 | 21.2442 | 6.08123843 | 13.6 | 19.2468 |
| 5.72556713 | 14.37 | 26.3435 | 5.90346065 | 14.24 | 22.6203 | 6.08135417 | 13.24 | 9.5769 |
| 5.72568287 | 14.39 | 25.3388 | 5.90357639 | 14.16 | 15.8464 | 6.08146991 | 13.26 | 11.5741 |
| 5.72579861 | 14.41 | 25.0938 | 5.90369213 | 14.16 | 15.8542 | 6.08158565 | 13.24 | 11.459 |
| 5.72591435 | 14.38 | 25.9542 | 5.90380787 | 14.09 | 11.5854 | 6.08170139 | 13.31 | 13.9761 |
| 5.72603009 | 14.37 | 26.702 | 5.90392361 | 14.12 | 12.4588 | 6.08181713 | 13.46 | 17.4458 |
| 5.72614583 | 14.38 | 25.8528 | 5.90403935 | 14.18 | 19.7625 | 6.08193287 | 13.72 | 21.6847 |
| 5.72626157 | 14.37 | 26.5565 | 5.90415509 | 14.18 | 19.4959 | 6.08204861 | 13.64 | 21.0637 |
| 5.72637732 | 14.37 | 26.9172 | 5.90427083 | 14.25 | 23.0381 | 6.08216435 | 13.73 | 21.7322 |
| 5.72649306 | 14.37 | 27.1527 | 5.90438657 | 14.24 | 21.5726 | 6.08228009 | 13.82 | 22.9768 |
| 5.7266088 | 14.35 | 27.2334 | 5.90450232 | 14.25 | 22.7165 | 6.08239583 | 13.78 | 22.1825 |
| 5.72672454 | 14.37 | 26.4233 | 5.90461806 | 14.18 | 17.8947 | 6.08251157 | 13.76 | 22.1797 |
| 5.72684028 | 14.38 | 26.0187 | 5.9047338 | 14.22 | 20.6838 | 6.08262732 | 13.59 | 17.9645 |
| 5.72695602 | 14.37 | 26.1523 | 5.90484954 | 14.26 | 23.719 | 6.08274306 | 13.53 | 19.0373 |
| 5.72707176 | 14.37 | 26.2094 | 5.90496528 | 14.28 | 23.5269 | 6.0828588 | 13.66 | 21.2053 |
| 5.7271875 | 14.37 | 26.371 | 5.90508102 | 14.25 | 23.7872 | 6.08297454 | 13.61 | 20.0231 |
| 5.72730324 | 14.37 | 26.4344 | 5.90519676 | 14.17 | 18.2742 | 6.08309028 | 13.72 | 21.4705 |
| 5.72741898 | 14.37 | 24.7323 | 5.9053125 | 14.26 | 24.5354 | 6.08320602 | 13.74 | 21.7206 |
| 5.72753472 | 14.37 | 25.7772 | 5.90542824 | 14.26 | 24.5718 | 6.08332176 | 13.76 | 21.672 |
| 5.72765046 | 14.37 | 26.2503 | 5.90554398 | 14.24 | 22.9613 | 6.0834375 | 13.74 | 21.8036 |
| 5.7277662 | 14.37 | 26.4537 | 5.90565972 | 14.17 | 19.968 | 6.08355324 | 13.76 | 21.9636 |
| 5.72788194 | 14.35 | 26.5646 | 5.90577546 | 14.24 | 23.5285 | 6.08366898 | 13.78 | 22.2601 |
| 5.72799769 | 14.37 | 25.8648 | 5.9058912 | 14.24 | 23.7404 | 6.08378472 | 13.81 | 22.5386 |
| 5.72811343 | 14.35 | 26.283 | 5.90600694 | 14.21 | 21.668 | 6.08390046 | 13.81 | 22.6183 |
| 5.72822917 | 14.35 | 26.0441 | 5.90612269 | 14.22 | 22.4446 | 6.0840162 | 13.85 | 22.8579 |
| 5.72834491 | 14.35 | 26.136 | 5.90623843 | 14.21 | 24.6793 | 6.08413194 | 13.85 | 22.9223 |
| 5.72846065 | 14.35 | 26.5228 | 5.90635417 | 14.21 | 22.173 | 6.08424769 | 13.85 | 22.7491 |
| 5.72857639 | 14.35 | 26.3076 | 5.90646991 | 14.12 | 17.1075 | 6.08436343 | 13.85 | 22.7704 |
| 5.72869213 | 14.35 | 26.668 | 5.90658565 | 14.16 | 20.9796 | 6.08447917 | 13.85 | 22.828 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72880787 | 14.35 | 25.7825 | 5.90670139 | 14.17 | 21.6312 | 6.08459491 | 13.86 | 22.9142 |
| 5.72892361 | 14.35 | 25.3752 | 5.90681713 | 14.02 | 10.5789 | 6.08471065 | 13.86 | 22.953 |
| 5.72903935 | 14.37 | 25.1551 | 5.90693287 | 14.09 | 16.9669 | 6.08482639 | 13.86 | 23.007 |
| 5.72915509 | 14.37 | 24.8114 | 5.90704861 | 14.16 | 19.1999 | 6.08494213 | 13.81 | 22.1999 |
| 5.72927083 | 14.35 | 25.9958 | 5.90716435 | 14.17 | 21.3564 | 6.08505787 | 13.47 | 13.6194 |
| 5.72938657 | 14.35 | 25.1706 | 5.90728009 | 14.16 | 19.7778 | 6.08517361 | 13.37 | 12.7468 |
| 5.72950232 | 14.37 | 24.0602 | 5.90739583 | 14.2 | 21.5048 | 6.08528935 | 13.44 | 15.4468 |
| 5.72961806 | 14.38 | 24.45 | 5.90751157 | 14.2 | 21.0822 | 6.08540509 | 13.4 | 14.837 |
| 5.7297338 | 14.38 | 23.9276 | 5.90762732 | 14.17 | 17.7577 | 6.08552083 | 13.51 | 17.6165 |
| 5.72984954 | 14.38 | 23.7699 | 5.90774306 | 14.2 | 20.7257 | 6.08563657 | 13.5 | 17.1458 |
| 5.72996528 | 14.37 | 23.9524 | 5.9078588 | 14.09 | 13.8514 | 6.08575232 | 13.76 | 21.6172 |
| 5.73008102 | 14.38 | 24.0188 | 5.90797454 | 14.05 | 10.3316 | 6.08586806 | 13.79 | 22.7484 |
| 5.73019676 | 14.38 | 23.7699 | 5.90809028 | 14.05 | 16.5279 | 6.0859838 | 13.85 | 23.218 |
| 5.7303125 | 14.38 | 23.1651 | 5.90820602 | 14.05 | 16.0503 | 6.08609954 | 13.87 | 23.3383 |
| 5.73042824 | 14.39 | 22.8383 | 5.90832176 | 14.17 | 22.0347 | 6.08621528 | 13.86 | 23.3267 |
| 5.73054398 | 14.41 | 22.6509 | 5.9084375 | 14.15 | 18.766 | 6.08633102 | 13.9 | 23.548 |
| 5.73065972 | 14.42 | 22.52 | 5.90855324 | 14.18 | 21.5139 | 6.08644676 | 13.91 | 23.6912 |
| 5.73077546 | 14.39 | 22.8967 | 5.90866898 | 14.15 | 18.6044 | 6.0865625 | 13.91 | 23.7368 |
| 5.7308912 | 14.39 | 23.168 | 5.90878472 | 14.17 | 20.0694 | 6.08667824 | 13.91 | 23.8146 |
| 5.73100694 | 14.39 | 23.1746 | 5.90890046 | 14.17 | 18.3916 | 6.08679398 | 13.91 | 23.8008 |
| 5.73112269 | 14.39 | 22.9401 | 5.9090162 | 14.05 | 12.2006 | 6.08690972 | 13.91 | 23.8399 |
| 5.73123843 | 14.43 | 22.6776 | 5.90913194 | 14.04 | 13.9643 | 6.08702546 | 13.92 | 23.7855 |
| 5.73135417 | 14.43 | 22.584 | 5.90924769 | 14.03 | 11.3472 | 6.0871412 | 13.9 | 23.5841 |
| 5.73146991 | 14.43 | 22.6116 | 5.90936343 | 14.11 | 14.6547 | 6.08725694 | 13.89 | 23.2291 |
| 5.73158565 | 14.39 | 24.1281 | 5.90947917 | 14.07 | 13.9338 | 6.08737269 | 13.9 | 23.4873 |
| 5.73170139 | 14.38 | 23.8045 | 5.90959491 | 14.22 | 24.2268 | 6.08748843 | 13.9 | 23.548 |
| 5.73181713 | 14.38 | 24.4404 | 5.90971065 | 14.21 | 23.4835 | 6.08760417 | 13.9 | 23.5008 |
| 5.73193287 | 14.41 | 23.2291 | 5.90982639 | 14.07 | 14.688 | 6.08771991 | 13.87 | 23.3317 |
| 5.73204861 | 14.39 | 23.7753 | 5.90994213 | 14.16 | 17.3686 | 6.08783565 | 13.68 | 20.1348 |
| 5.73216435 | 14.39 | 23.7522 | 5.91005787 | 14.09 | 14.6018 | 6.08795139 | 13.72 | 21.2672 |
| 5.73228009 | 14.41 | 23.5185 | 5.91017361 | 14.05 | 14.7016 | 6.08806713 | 13.83 | 22.8805 |
| 5.73239583 | 14.38 | 25.7573 | 5.91028935 | 14.09 | 13.5176 | 6.08818287 | 13.83 | 22.8334 |
| 5.73251157 | 14.39 | 25.5668 | 5.91040509 | 14.05 | 11.5964 | 6.08829861 | 13.86 | 23.1988 |
| 5.73262732 | 14.41 | 23.9114 | 5.91052083 | 14.02 | 13.2151 | 6.08841435 | 13.89 | 23.3884 |
| 5.73274306 | 14.39 | 24.4776 | 5.91063657 | 14.11 | 17.3881 | 6.08853009 | 13.91 | 23.6096 |
| 5.7328588 | 14.39 | 24.3401 | 5.91075232 | 14.21 | 24.6744 | 6.08864583 | 13.91 | 23.6549 |
| 5.73297454 | 14.42 | 23.6857 | 5.91086806 | 14.07 | 13.5699 | 6.08876157 | 13.91 | 23.639 |
| 5.73309028 | 14.42 | 23.6834 | 5.9109838 | 14.08 | 14.0781 | 6.08887732 | 13.91 | 23.5757 |
| 5.73320602 | 14.43 | 24.2553 | 5.91109954 | 13.91 | 8.8044 | 6.08899306 | 13.92 | 23.6965 |
| 5.73332176 | 14.38 | 26.2654 | 5.91121528 | 14.09 | 15.5595 | 6.0891088 | 13.91 | 23.673 |
| 5.7334375 | 14.38 | 26.519 | 5.91133102 | 14.11 | 16.4385 | 6.08922454 | 13.91 | 23.6367 |
| 5.73355324 | 14.41 | 25.367 | 5.91144676 | 14.09 | 16.7068 | 6.08934028 | 13.9 | 23.575 |
| 5.73366898 | 14.41 | 25.8621 | 5.9115625 | 14.15 | 17.314 | 6.08945602 | 13.89 | 23.3307 |
| 5.73378472 | 14.38 | 26.6755 | 5.91167824 | 14.13 | 16.0318 | 6.08957176 | 13.9 | 23.4493 |
| 5.73390046 | 14.42 | 23.9941 | 5.91179398 | 14.13 | 15.3301 | 6.0896875 | 13.92 | 23.7375 |
| 5.7340162 | 14.44 | 22.9693 | 5.91190972 | 14.13 | 15.1333 | 6.08980324 | 13.9 | 23.1945 |
| 5.73413194 | 14.42 | 25.425 | 5.91202546 | 14.13 | 15.4784 | 6.08991898 | 13.89 | 23.2181 |
| 5.73424769 | 14.41 | 26.1798 | 5.9121412 | 14.15 | 14.5925 | 6.09003472 | 13.89 | 23.2357 |
| 5.73436343 | 14.39 | 26.8521 | 5.91225694 | 14.17 | 17.534 | 6.09015046 | 13.89 | 23.293 |
| 5.73447917 | 14.42 | 25.4561 | 5.91237269 | 14.15 | 13.8001 | 6.0902662 | 13.87 | 23.1184 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.73459491 | 14.44 | 23.3203 | 5.91248843 | 14.13 | 14.2455 | 6.09038194 | 13.9 | 23.4493 |
| 5.73471065 | 14.47 | 22.3904 | 5.91260417 | 14.17 | 16.6531 | 6.09049769 | 13.9 | 23.4537 |
| 5.73482639 | 14.44 | 23.7701 | 5.91271991 | 14.18 | 17.9457 | 6.09061343 | 13.89 | 23.2665 |
| 5.73494213 | 14.44 | 23.5912 | 5.91283565 | 14.18 | 19.8106 | 6.09072917 | 13.89 | 23.2577 |
| 5.73505787 | 14.43 | 23.6452 | 5.91295139 | 14.2 | 20.4378 | 6.09084491 | 13.89 | 23.3152 |
| 5.73517361 | 14.44 | 23.5298 | 5.91306713 | 14.18 | 18.0543 | 6.09096065 | 13.9 | 23.4069 |
| 5.73528935 | 14.44 | 23.6827 | 5.91318287 | 14.2 | 18.8762 | 6.09107639 | 13.91 | 23.6617 |
| 5.73540509 | 14.47 | 22.0069 | 5.91329861 | 14.2 | 17.8138 | 6.09119213 | 13.92 | 23.6556 |
| 5.73552083 | 14.47 | 21.9988 | 5.91341435 | 14.21 | 22.5238 | 6.09130787 | 13.92 | 23.6715 |
| 5.73563657 | 14.43 | 24.284 | 5.91353009 | 14.21 | 20.2855 | 6.09142361 | 13.91 | 23.5374 |
| 5.73575232 | 14.42 | 25.2322 | 5.91364583 | 14.2 | 17.2044 | 6.09153935 | 13.86 | 22.8413 |
| 5.73586806 | 14.42 | 24.6171 | 5.91376157 | 14.21 | 17.1516 | 6.09165509 | 13.81 | 22.1897 |
| 5.7359838 | 14.46 | 22.5645 | 5.91387732 | 14.2 | 20.6212 | 6.09177083 | 13.83 | 22.4894 |
| 5.73609954 | 14.48 | 21.7556 | 5.91399306 | 14.2 | 16.8756 | 6.09188657 | 13.83 | 22.727 |
| 5.73621528 | 14.39 | 26.8862 | 5.9141088 | 14.2 | 16.6829 | 6.09200232 | 13.89 | 23.4375 |
| 5.73633102 | 14.43 | 24.7856 | 5.91422454 | 14.2 | 16.8784 | 6.09211806 | 13.9 | 23.4941 |
| 5.73644676 | 14.46 | 22.705 | 5.91434028 | 14.2 | 17.1219 | 6.0922338 | 13.87 | 23.1643 |
| 5.7365625 | 14.48 | 21.029 | 5.91445602 | 14.2 | 17.4782 | 6.09234954 | 13.89 | 23.3041 |
| 5.73667824 | 14.48 | 21.4516 | 5.91457176 | 14.2 | 17.4695 | 6.09246528 | 13.91 | 23.5396 |
| 5.73679398 | 14.47 | 22.3695 | 5.9146875 | 14.17 | 16.7607 | 6.09258102 | 13.91 | 23.6322 |
| 5.73690972 | 14.44 | 24.0971 | 5.91480324 | 14.18 | 17.3338 | 6.09269676 | 13.9 | 23.3579 |
| 5.73702546 | 14.43 | 24.2052 | 5.91491898 | 14.12 | 14.4752 | 6.0928125 | 13.85 | 22.8536 |
| 5.7371412 | 14.44 | 22.8305 | 5.91503472 | 14.04 | 13.293 | 6.09292824 | 13.87 | 23.1315 |
| 5.73725694 | 14.46 | 22.1003 | 5.91515046 | 14.11 | 14.5762 | 6.09304398 | 13.89 | 23.2027 |
| 5.73737269 | 14.48 | 21.7316 | 5.9152662 | 14.16 | 16.2304 | 6.09315972 | 13.89 | 23.2688 |
| 5.73748843 | 14.43 | 24.6499 | 5.91538194 | 14.09 | 13.2647 | 6.09327546 | 13.83 | 22.8805 |
| 5.73760417 | 14.41 | 25.5641 | 5.91549769 | 14.16 | 16.0775 | 6.0933912 | 13.81 | 22.208 |
| 5.73771991 | 14.43 | 23.6613 | 5.91561343 | 14.15 | 15.9289 | 6.09350694 | 13.79 | 21.9906 |
| 5.73783565 | 14.46 | 21.6276 | 5.91572917 | 14.15 | 16.2533 | 6.09362269 | 13.81 | 22.4823 |
| 5.73795139 | 14.46 | 22.7371 | 5.91584491 | 13.99 | 11.7603 | 6.09373843 | 13.82 | 22.537 |
| 5.73806713 | 14.48 | 20.0448 | 5.91596065 | 14.12 | 15.5488 | 6.09385417 | 13.83 | 22.7206 |
| 5.73818287 | 14.5 | 19.5396 | 5.91607639 | 14.09 | 14.3076 | 6.09396991 | 13.83 | 22.8548 |
| 5.73829861 | 14.5 | 19.9714 | 5.91619213 | 13.99 | 11.7051 | 6.09408565 | 13.85 | 22.9719 |
| 5.73841435 | 14.48 | 19.8892 | 5.91630787 | 14.13 | 16.3409 | 6.09420139 | 13.86 | 23.0482 |
| 5.73853009 | 14.47 | 20.8989 | 5.91642361 | 14.09 | 15.0717 | 6.09431713 | 13.86 | 23.0027 |
| 5.73864583 | 14.41 | 26.1065 | 5.91653935 | 14.15 | 16.6521 | 6.09443287 | 13.85 | 22.8858 |
| 5.73876157 | 14.41 | 26.2097 | 5.91665509 | 14.09 | 14.8143 | 6.09454861 | 13.86 | 23.1593 |
| 5.73887732 | 14.39 | 26.0174 | 5.91677083 | 14.13 | 16.5702 | 6.09466435 | 13.89 | 23.3506 |
| 5.73899306 | 14.41 | 26.1526 | 5.91688657 | 14.11 | 15.4698 | 6.09478009 | 13.9 | 23.4136 |
| 5.7391088 | 14.39 | 26.4125 | 5.91700232 | 14.07 | 14.2652 | 6.09489583 | 13.86 | 23.1462 |
| 5.73922454 | 14.43 | 23.4589 | 5.91711806 | 14.11 | 17.2186 | 6.09501157 | 13.83 | 22.7354 |
| 5.73934028 | 14.41 | 25.4212 | 5.9172338 | 14.04 | 14.6617 | 6.09512732 | 13.81 | 22.2838 |
| 5.73945602 | 14.42 | 23.0533 | 5.91734954 | 14.04 | 14.249 | 6.09524306 | 13.82 | 22.6651 |
| 5.73957176 | 14.42 | 24.1972 | 5.91746528 | 14.11 | 16.4914 | 6.0953588 | 13.85 | 22.9503 |
| 5.7396875 | 14.42 | 23.2877 | 5.91758102 | 14.04 | 13.4739 | 6.09547454 | 13.86 | 23.1747 |
| 5.73980324 | 14.43 | 22.4742 | 5.91769676 | 14.15 | 17.8412 | 6.09559028 | 13.87 | 23.2455 |
| 5.73991898 | 14.42 | 24.5755 | 5.9178125 | 13.95 | 12.9152 | 6.09570602 | 13.85 | 22.7513 |
| 5.74003472 | 14.43 | 22.8472 | 5.91792824 | 13.91 | 12.6081 | 6.09582176 | 13.86 | 22.9185 |
| 5.74015046 | 14.41 | 26.093 | 5.91804398 | 13.79 | 10.4097 | 6.0959375 | 13.89 | 23.2291 |
| 5.7402662 | 14.41 | 18.858 | 5.91815972 | 13.76 | 10.0109 | 6.09605324 | 13.82 | 22.4079 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74038194 | 14.41 | 11.8586 | 5.91827546 | 13.76 | 9.2533 | 6.09616898 | 13.81 | 22.4034 |
| 5.74049769 | 14.41 | 23.4236 | 5.9183912 | 13.73 | 8.9476 | 6.09628472 | 13.83 | 22.6361 |
| 5.74061343 | 14.39 | 26.0174 | 5.91850694 | 13.77 | 9.7468 | 6.09640046 | 13.85 | 22.8686 |
| 5.74072917 | 14.41 | 24.6626 | 5.91862269 | 13.68 | 7.6048 | 6.0965162 | 13.87 | 23.1031 |
| 5.74084491 | 14.44 | 23.0086 | 5.91873843 | 13.81 | 11.3656 | 6.09663194 | 13.86 | 23.0308 |
| 5.74096065 | 14.41 | 25.748 | 5.91885417 | 13.85 | 11.6891 | 6.09674769 | 13.86 | 23.0308 |
| 5.74107639 | 14.43 | 23.3107 | 5.91896991 | 13.72 | 8.1841 | 6.09686343 | 13.87 | 23.2433 |
| 5.74119213 | 14.44 | 21.0298 | 5.91908565 | 13.73 | 9.3755 | 6.09697917 | 13.87 | 23.173 |
| 5.74130787 | 14.43 | 18.0278 | 5.91920139 | 13.79 | 11.3735 | 6.09709491 | 13.81 | 22.5575 |
| 5.74142361 | 14.42 | 23.8844 | 5.91931713 | 13.7 | 8.5483 | 6.09721065 | 13.82 | 22.6884 |
| 5.74153935 | 14.42 | 24.5267 | 5.91943287 | 13.66 | 8.4329 | 6.09732639 | 13.78 | 22.0749 |
| 5.74165509 | 14.41 | 25.7269 | 5.91954861 | 13.86 | 12.3718 | 6.09744213 | 13.77 | 22.227 |
| 5.74177083 | 14.42 | 24.1426 | 5.91966435 | 13.77 | 10.6272 | 6.09755787 | 13.78 | 21.8922 |
| 5.74188657 | 14.41 | 25.0206 | 5.91978009 | 13.66 | 8.1854 | 6.09767361 | 13.83 | 22.9471 |
| 5.74200232 | 14.39 | 26.2177 | 5.91989583 | 13.61 | 7.183 | 6.09778935 | 13.85 | 22.9072 |
| 5.74211806 | 14.39 | 25.285 | 5.92001157 | 13.66 | 8.4736 | 6.09790509 | 13.85 | 23.0259 |
| 5.7422338 | 14.41 | 24.7958 | 5.92012732 | 13.74 | 9.48 | 6.09802083 | 13.82 | 22.6504 |
| 5.74234954 | 14.41 | 24.9578 | 5.92024306 | 13.73 | 10.5624 | 6.09813657 | 13.82 | 22.5999 |
| 5.74246528 | 14.39 | 25.9502 | 5.9203588 | 13.69 | 8.6599 | 6.09825232 | 13.83 | 22.655 |
| 5.74258102 | 14.39 | 25.8196 | 5.92047454 | 13.68 | 8.4868 | 6.09836806 | 13.77 | 21.8819 |
| 5.74269676 | 14.38 | 25.312 | 5.92059028 | 13.66 | 7.8329 | 6.0984838 | 13.83 | 22.9084 |
| 5.7428125 | 14.42 | 24.0906 | 5.92070602 | 13.61 | 7.0632 | 6.09859954 | 13.86 | 23.1135 |
| 5.74292824 | 14.42 | 24.0176 | 5.92082176 | 13.61 | 7.0293 | 6.09871528 | 13.9 | 23.5322 |
| 5.74304398 | 14.43 | 23.9482 | 5.9209375 | 13.72 | 10.2904 | 6.09883102 | 13.92 | 23.9005 |
| 5.74315972 | 14.42 | 23.4898 | 5.92105324 | 13.63 | 7.1853 | 6.09894676 | 13.96 | 24.359 |
| 5.74327546 | 14.42 | 22.5771 | 5.92116898 | 13.63 | 7.3004 | 6.0990625 | 13.96 | 24.3066 |
| 5.7433912 | 14.43 | 23.5495 | 5.92128472 | 13.64 | 7.2104 | 6.09917824 | 13.92 | 23.5696 |
| 5.74350694 | 14.42 | 24.2591 | 5.92140046 | 13.64 | 7.5013 | 6.09929398 | 13.89 | 23.2997 |
| 5.74362269 | 14.43 | 23.1906 | 5.9215162 | 13.63 | 6.8371 | 6.09940972 | 13.9 | 23.6202 |
| 5.74373843 | 14.42 | 23.6765 | 5.92163194 | 13.63 | 7.3413 | 6.09952546 | 13.94 | 24.0226 |
| 5.74385417 | 14.42 | 24.067 | 5.92174769 | 13.61 | 6.8813 | 6.0996412 | 13.96 | 24.271 |
| 5.74396991 | 14.42 | 23.973 | 5.92186343 | 13.61 | 6.9126 | 6.09975694 | 13.98 | 24.3559 |
| 5.74408565 | 14.42 | 23.924 | 5.92197917 | 13.66 | 8.3114 | 6.09987269 | 13.89 | 23.0868 |
| 5.74420139 | 14.41 | 24.182 | 5.92209491 | 13.64 | 8.0382 | 6.09998843 | 13.9 | 23.6361 |
| 5.74431713 | 14.41 | 24.3998 | 5.92221065 | 13.64 | 7.7369 | 6.10010417 | 13.92 | 23.7626 |
| 5.74443287 | 14.39 | 26.8692 | 5.92232639 | 13.63 | 7.2085 | 6.10021991 | 13.94 | 23.9228 |
| 5.74454861 | 14.38 | 27.0333 | 5.92244213 | 13.61 | 7.1554 | 6.10033565 | 13.95 | 24.1733 |
| 5.74466435 | 14.39 | 24.8285 | 5.92255787 | 13.6 | 6.7149 | 6.10045139 | 13.95 | 24.1968 |
| 5.74478009 | 14.39 | 26.6967 | 5.92267361 | 13.61 | 7.4949 | 6.10056713 | 13.96 | 24.1599 |
| 5.74489583 | 14.39 | 24.5311 | 5.92278935 | 13.6 | 6.9898 | 6.10068287 | 13.96 | 24.328 |
| 5.74501157 | 14.37 | 27.3156 | 5.92290509 | 13.6 | 7.0955 | 6.10079861 | 13.96 | 24.1482 |
| 5.74512732 | 14.39 | 27.0378 | 5.92302083 | 13.64 | 8.9573 | 6.10091435 | 13.95 | 24.1169 |
| 5.74524306 | 14.39 | 27.3542 | 5.92313657 | 13.61 | 7.5643 | 6.10103009 | 13.96 | 24.2024 |
| 5.7453588 | 14.38 | 27.1399 | 5.92325232 | 13.57 | 6.8419 | 6.10114583 | 13.98 | 24.3487 |
| 5.74547454 | 14.39 | 27.1503 | 5.92336806 | 13.59 | 6.8036 | 6.10126157 | 13.96 | 24.3232 |
| 5.74559028 | 14.39 | 26.0659 | 5.9234838 | 13.57 | 6.6636 | 6.10137732 | 13.95 | 24.237 |
| 5.74570602 | 14.39 | 26.5289 | 5.92359954 | 13.57 | 6.7682 | 6.10149306 | 13.83 | 23.0791 |
| 5.74582176 | 14.38 | 27.4495 | 5.92371528 | 13.59 | 7.7658 | 6.1016088 | 13.85 | 22.4548 |
| 5.7459375 | 14.39 | 25.8595 | 5.92383102 | 13.6 | 7.3888 | 6.10172454 | 13.31 | 11.4563 |
| 5.74605324 | 14.39 | 26.7587 | 5.92394676 | 13.59 | 7.0086 | 6.10184028 | 13.11 | 8.3158 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.74616898 | 14.39 | 26.621 | 5.9240625 | 13.59 | 7.101 | 6.10195602 | 13.76 | 20.9163 |
| 5.74628472 | 14.39 | 25.9636 | 5.92417824 | 13.57 | 7.0928 | 6.10207176 | 13.9 | 23.7932 |
| 5.74640046 | 14.38 | 27.2881 | 5.92429398 | 13.59 | 7.1419 | 6.1021875 | 13.94 | 24.088 |
| 5.7465162 | 14.39 | 24.3594 | 5.92440972 | 13.57 | 6.8702 | 6.10230324 | 13.95 | 24.4226 |
| 5.74663194 | 14.38 | 25.9168 | 5.92452546 | 13.6 | 7.4822 | 6.10241898 | 13.96 | 24.5173 |
| 5.74674769 | 14.38 | 13.9908 | 5.9246412 | 13.59 | 7.0588 | 6.10253472 | 13.96 | 24.5753 |
| 5.74686343 | 14.39 | 21.5326 | 5.92475694 | 13.6 | 7.5779 | 6.10265046 | 13.96 | 24.5173 |
| 5.74697917 | 14.39 | 25.9502 | 5.92487269 | 13.6 | 7.3531 | 6.1027662 | 13.95 | 24.2559 |
| 5.74709491 | 14.38 | 26.6614 | 5.92498843 | 13.61 | 7.4588 | 6.10288194 | 13.87 | 23.5056 |
| 5.74721065 | 14.39 | 24.7245 | 5.92510417 | 13.61 | 7.7484 | 6.10299769 | 13.94 | 24.1137 |
| 5.74732639 | 14.39 | 24.9181 | 5.92521991 | 13.61 | 7.3094 | 6.10311343 | 13.94 | 24.2362 |
| 5.74744213 | 14.38 | 17.8148 | 5.92533565 | 13.64 | 8.0858 | 6.10322917 | 13.92 | 24.1614 |
| 5.74755787 | 14.38 | 13.4352 | 5.92545139 | 13.65 | 7.9743 | 6.10334491 | 13.86 | 23.4557 |
| 5.74767361 | 14.38 | 13.9618 | 5.92556713 | 13.68 | 8.874 | 6.10346065 | 13.85 | 22.8601 |
| 5.74778935 | 14.38 | 23.4259 | 5.92568287 | 13.63 | 7.8573 | 6.10357639 | 13.78 | 22.3567 |
| 5.74790509 | 14.39 | 24.727 | 5.92579861 | 13.64 | 7.7927 | 6.10369213 | 13.39 | 13.1019 |
| 5.74802083 | 14.39 | 24.4365 | 5.92591435 | 13.74 | 9.1048 | 6.10380787 | 13.79 | 22.4295 |
| 5.74813657 | 14.39 | 24.5652 | 5.92603009 | 13.68 | 8.3022 | 6.10392361 | 13.9 | 23.5345 |
| 5.74825232 | 14.39 | 25.221 | 5.92614583 | 13.74 | 9.4773 | 6.10403935 | 13.43 | 16.1794 |
| 5.74836806 | 14.39 | 24.9081 | 5.92626157 | 13.68 | 8.4584 | 6.10415509 | 13.85 | 23.1872 |
| 5.7484838 | 14.39 | 25.6454 | 5.92637732 | 13.66 | 7.9843 | 6.10427083 | 13.92 | 24.2914 |
| 5.74859954 | 14.39 | 25.1295 | 5.92649306 | 13.69 | 8.7361 | 6.10438657 | 13.95 | 24.3939 |
| 5.74871528 | 14.39 | 25.5225 | 5.9266088 | 13.69 | 8.5238 | 6.10450232 | 13.96 | 24.2852 |
| 5.74883102 | 14.39 | 25.8595 | 5.92672454 | 13.68 | 8.0992 | 6.10461806 | 13.92 | 23.8682 |
| 5.74894676 | 14.38 | 22.9503 | 5.92684028 | 13.66 | 8.0776 | 6.1047338 | 13.96 | 24.5366 |
| 5.7490625 | 14.38 | 23.0463 | 5.92695602 | 13.68 | 8.4734 | 6.10484954 | 13.98 | 24.5577 |
| 5.74917824 | 14.38 | 19.4227 | 5.92707176 | 13.65 | 8.2701 | 6.10496528 | 13.99 | 24.5369 |
| 5.74929398 | 14.38 | 23.1188 | 5.9271875 | 13.65 | 8.142 | 6.10508102 | 13.99 | 24.6558 |
| 5.74940972 | 14.38 | 24.087 | 5.92730324 | 13.66 | 8.2827 | 6.10519676 | 13.9 | 23.3357 |
| 5.74952546 | 14.38 | 23.0836 | 5.92741898 | 13.65 | 7.9479 | 6.1053125 | 13.83 | 22.529 |
| 5.7496412 | 14.37 | 25.5409 | 5.92753472 | 13.63 | 7.7538 | 6.10542824 | 13.34 | 13.3451 |
| 5.74975694 | 14.38 | 25.0198 | 5.92765046 | 13.61 | 7.4534 | 6.10554398 | 13.31 | 15.0572 |
| 5.74987269 | 14.38 | 20.7589 | 5.9277662 | 13.64 | 8.002 | 6.10565972 | 13.72 | 21.5247 |
| 5.74998843 | 14.38 | 18.3902 | 5.92788194 | 13.64 | 7.8077 | 6.10577546 | 13.61 | 19.8146 |
| 5.75010417 | 14.37 | 25.4785 | 5.92799769 | 13.63 | 7.5488 | 6.1058912 | 13.21 | 10.7997 |
| 5.75021991 | 14.39 | 21.5365 | 5.92811343 | 13.63 | 7.7106 | 6.10600694 | 13.42 | 15.9483 |
| 5.75033565 | 14.38 | 25.7309 | 5.92822917 | 13.64 | 7.9045 | 6.10612269 | 13.64 | 19.8694 |
| 5.75045139 | 14.38 | 23.6642 | 5.92834491 | 13.61 | 7.6015 | 6.10623843 | 13.63 | 20.3927 |
| 5.75056713 | 14.39 | 20.4589 | 5.92846065 | 13.63 | 7.6544 | 6.10635417 | 13.47 | 17.9921 |
| 5.75068287 | 14.38 | 23.5707 | 5.92857639 | 13.63 | 7.6746 | 6.10646991 | 13.21 | 10.832 |
| 5.75079861 | 14.38 | 22.2383 | 5.92869213 | 13.64 | 8.123 | 6.10658565 | 13.12 | 9.3069 |
| 5.75091435 | 14.39 | 21.2474 | 5.92880787 | 13.66 | 8.365 | 6.10670139 | 13.07 | 8.7545 |
| 5.75103009 | 14.39 | 23.1834 | 5.92892361 | 13.65 | 7.9567 | 6.10681713 | 13.22 | 12.4491 |
| 5.75114583 | 14.41 | 22.0633 | 5.92903935 | 13.64 | 7.8719 | 6.10693287 | 13.56 | 20.1084 |
| 5.75126157 | 14.41 | 22.6275 | 5.92915509 | 13.66 | 8.4736 | 6.10704861 | 13.61 | 19.7788 |
| 5.75137732 | 14.41 | 22.9565 | 5.92927083 | 13.65 | 8.2332 | 6.10716435 | 13.68 | 21.1509 |
| 5.75149306 | 14.41 | 24.3637 | 5.92938657 | 13.65 | 8.1063 | 6.10728009 | 13.51 | 18.1378 |
| 5.7516088 | 14.38 | 25.2275 | 5.92950232 | 13.64 | 7.934 | 6.10739583 | 13.51 | 18.6064 |
| 5.75172454 | 14.38 | 24.2102 | 5.92961806 | 13.65 | 8.091 | 6.10751157 | 13.69 | 21.9875 |
| 5.75184028 | 14.39 | 22.7094 | 5.9297338 | 13.65 | 8.1786 | 6.10762732 | 13.72 | 22.0689 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.75195602 | 14.38 | 22.4359 | 5.92984954 | 13.61 | 7.8028 | 6.10774306 | 13.73 | 21.2731 |
| 5.75207176 | 14.39 | 23.9518 | 5.92996528 | 13.66 | 8.8641 | 6.1078588 | 13.59 | 20.3783 |
| 5.7521875 | 14.37 | 23.0742 | 5.93008102 | 13.65 | 8.5184 | 6.10797454 | 13.55 | 19.1182 |
| 5.75230324 | 14.41 | 24.0873 | 5.93019676 | 13.66 | 8.9509 | 6.10809028 | 13.53 | 18.7637 |
| 5.75241898 | 14.39 | 23.4154 | 5.9303125 | 13.66 | 8.7505 | 6.10820602 | 13.37 | 15.772 |
| 5.75253472 | 14.41 | 24.3709 | 5.93042824 | 13.69 | 9.3302 | 6.10832176 | 13.27 | 13.8975 |
| 5.75265046 | 14.39 | 25.7401 | 5.93054398 | 13.68 | 8.679 | 6.1084375 | 13.55 | 18.765 |
| 5.7527662 | 14.39 | 25.9395 | 5.93065972 | 13.68 | 8.8406 | 6.10855324 | 13.72 | 21.7773 |
| 5.75288194 | 14.39 | 25.7269 | 5.93077546 | 13.65 | 8.5059 | 6.10866898 | 13.48 | 17.1788 |
| 5.75299769 | 14.41 | 25.4782 | 5.9308912 | 13.72 | 9.7412 | 6.10878472 | 13.59 | 19.9159 |
| 5.75311343 | 14.41 | 25.3979 | 5.93100694 | 13.7 | 9.5823 | 6.10890046 | 13.59 | 20.5648 |
| 5.75322917 | 14.41 | 24.3228 | 5.93112269 | 13.72 | 10.0009 | 6.1090162 | 13.55 | 19.8233 |
| 5.75334491 | 14.39 | 23.9237 | 5.93123843 | 13.72 | 10.1534 | 6.10913194 | 13.47 | 18.9238 |
| 5.75346065 | 14.39 | 26.2368 | 5.93135417 | 13.76 | 10.5216 | 6.10924769 | 13.31 | 14.6824 |
| 5.75357639 | 14.39 | 26.0578 | 5.93146991 | 13.74 | 10.5673 | 6.10936343 | 13.11 | 9.7507 |
| 5.75369213 | 14.39 | 25.8355 | 5.93158565 | 13.77 | 10.9898 | 6.10947917 | 13.08 | 8.4262 |
| 5.75380787 | 14.39 | 25.2007 | 5.93170139 | 13.76 | 10.6839 | 6.10959491 | 12.98 | 7.7748 |
| 5.75392361 | 14.38 | 26.3697 | 5.93181713 | 13.74 | 10.649 | 6.10971065 | 12.99 | 8.7515 |
| 5.75403935 | 14.39 | 25.4395 | 5.93193287 | 13.74 | 10.551 | 6.10982639 | 13.01 | 8.4843 |
| 5.75415509 | 14.39 | 24.8434 | 5.93204861 | 13.73 | 10.1237 | 6.10994213 | 13.01 | 8.5146 |
| 5.75427083 | 14.39 | 25.5381 | 5.93216435 | 13.73 | 10.2295 | 6.11005787 | 13.04 | 9.145 |
| 5.75438657 | 14.39 | 25.1701 | 5.93228009 | 13.68 | 8.8346 | 6.11017361 | 13.17 | 12.2752 |
| 5.75450232 | 14.39 | 24.8384 | 5.93239583 | 13.65 | 8.4476 | 6.11028935 | 13.22 | 13.7062 |
| 5.75461806 | 14.39 | 24.4003 | 5.93251157 | 13.65 | 8.5603 | 6.11040509 | 13.35 | 16.0104 |
| 5.7547338 | 14.39 | 25.308 | 5.93262732 | 13.68 | 8.6824 | 6.11052083 | 13.44 | 17.9433 |
| 5.75484954 | 14.39 | 25.6218 | 5.93274306 | 13.69 | 9.2957 | 6.11063657 | 13.53 | 19.9332 |
| 5.75496528 | 14.39 | 25.16 | 5.9328588 | 13.7 | 9.3163 | 6.11075232 | 13.53 | 20.1136 |
| 5.75508102 | 14.39 | 25.4524 | 5.93297454 | 13.69 | 8.9044 | 6.11086806 | 13.35 | 16.821 |
| 5.75519676 | 14.39 | 25.6559 | 5.93309028 | 13.7 | 9.4015 | 6.1109838 | 13.27 | 14.2011 |
| 5.7553125 | 14.38 | 25.5057 | 5.93320602 | 13.66 | 8.6025 | 6.11109954 | 13.47 | 18.6179 |
| 5.75542824 | 14.39 | 25.5225 | 5.93332176 | 13.66 | 8.4462 | 6.11121528 | 13.53 | 19.9798 |
| 5.75554398 | 14.39 | 25.3106 | 5.9334375 | 13.66 | 8.7471 | 6.11133102 | 13.48 | 18.4603 |
| 5.75565972 | 14.39 | 25.3388 | 5.93355324 | 13.66 | 8.8281 | 6.11144676 | 13.4 | 16.6228 |
| 5.75577546 | 14.39 | 25.5095 | 5.93366898 | 13.64 | 8.2272 | 6.1115625 | 13.26 | 13.4692 |
| 5.7558912 | 14.39 | 25.3337 | 5.93378472 | 13.63 | 8.1877 | 6.11167824 | 13.4 | 17.2033 |
| 5.75600694 | 14.41 | 25.4057 | 5.93390046 | 13.63 | 8.0741 | 6.11179398 | 13.29 | 14.5098 |
| 5.75612269 | 14.39 | 25.5668 | 5.9340162 | 13.63 | 8.1551 | 6.11190972 | 13.29 | 15.303 |
| 5.75623843 | 14.39 | 25.5538 | 5.93413194 | 13.65 | 8.4318 | 6.11202546 | 13.3 | 14.611 |
| 5.75635417 | 14.39 | 26.0875 | 5.93424769 | 13.64 | 8.2444 | 6.1121412 | 13.14 | 10.6501 |
| 5.75646991 | 14.39 | 25.7401 | 5.93436343 | 13.65 | 8.3301 | 6.11225694 | 13.29 | 14.2458 |
| 5.75658565 | 14.38 | 25.5291 | 5.93447917 | 13.61 | 7.5597 | 6.11237269 | 13.34 | 15.3222 |
| 5.75670139 | 14.38 | 25.8369 | 5.93459491 | 13.61 | 7.6194 | 6.11248843 | 13.34 | 15.8638 |
| 5.75681713 | 14.38 | 25.1385 | 5.93471065 | 13.61 | 7.7342 | 6.11260417 | 13.35 | 15.9709 |
| 5.75693287 | 14.38 | 25.8236 | 5.93482639 | 13.61 | 7.5095 | 6.11271991 | 13.29 | 13.9705 |
| 5.75704861 | 14.39 | 25.8276 | 5.93494213 | 13.63 | 7.5937 | 6.11283565 | 13.22 | 12.8449 |
| 5.75716435 | 14.39 | 25.7957 | 5.93505787 | 13.69 | 8.9061 | 6.11295139 | 13.11 | 10.0028 |
| 5.75728009 | 14.38 | 25.5917 | 5.93517361 | 13.73 | 9.264 | 6.11306713 | 13.08 | 9.322 |
| 5.75739583 | 14.39 | 26.0281 | 5.93528935 | 13.76 | 9.7202 | 6.11318287 | 13.04 | 8.9823 |
| 5.75751157 | 14.39 | 26.2559 | 5.93540509 | 13.73 | 8.9735 | 6.11329861 | 13.13 | 11.1115 |
| 5.75762732 | 14.39 | 26.1932 | 5.93552083 | 13.73 | 9.3064 | 6.11341435 | 13.37 | 16.4289 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.75774306 | 14.39 | 26.1959 | 5.93563657 | 13.77 | 10.0157 | 6.11353009 | 13.17 | 12.0806 |
| 5.7578588 | 14.39 | 25.9824 | 5.93575232 | 13.78 | 10.4096 | 6.11364583 | 13.11 | 10.4169 |
| 5.75797454 | 14.39 | 26.2423 | 5.93586806 | 13.77 | 10.1702 | 6.11376157 | 13.03 | 9.645 |
| 5.75809028 | 14.39 | 26.1199 | 5.9359838 | 13.78 | 10.1928 | 6.11387732 | 13.04 | 9.2704 |
| 5.75820602 | 14.39 | 25.7851 | 5.93609954 | 13.78 | 10.1181 | 6.11399306 | 13.11 | 10.2496 |
| 5.75832176 | 14.38 | 26.3394 | 5.93621528 | 13.78 | 10.1041 | 6.1141088 | 13.18 | 12.3561 |
| 5.7584375 | 14.38 | 26.1131 | 5.93633102 | 13.77 | 10.0482 | 6.11422454 | 13.16 | 12.4675 |
| 5.75855324 | 14.39 | 26.1497 | 5.93644676 | 13.79 | 10.2756 | 6.11434028 | 13.13 | 11.2937 |
| 5.75866898 | 14.39 | 26.286 | 5.9365625 | 13.77 | 9.2571 | 6.11445602 | 13.05 | 9.5773 |
| 5.75878472 | 14.39 | 22.9683 | 5.93667824 | 13.73 | 8.6088 | 6.11457176 | 13.17 | 11.5554 |
| 5.75890046 | 14.38 | 26.6222 | 5.93679398 | 13.77 | 9.4789 | 6.1146875 | 13.13 | 11.1195 |
| 5.7590162 | 14.39 | 25.3286 | 5.93690972 | 13.78 | 10.0483 | 6.11480324 | 13.05 | 9.3767 |
| 5.75913194 | 14.39 | 25.3337 | 5.93702546 | 13.82 | 10.5598 | 6.11491898 | 13.07 | 9.8788 |
| 5.75924769 | 14.39 | 24.553 | 5.9371412 | 13.77 | 9.2333 | 6.11503472 | 12.99 | 8.6874 |
| 5.75936343 | 14.37 | 20.1509 | 5.93725694 | 13.77 | 9.109 | 6.11515046 | 12.96 | 8.4218 |
| 5.75947917 | 14.38 | 25.2454 | 5.93737269 | 13.77 | 9.0048 | 6.1152662 | 13.07 | 10.3477 |
| 5.75959491 | 14.38 | 25.2352 | 5.93748843 | 13.68 | 7.7242 | 6.11538194 | 13.17 | 13.3446 |
| 5.75971065 | 14.39 | 25.1473 | 5.93760417 | 13.74 | 8.7002 | 6.11549769 | 13.25 | 14.3559 |
| 5.75982639 | 14.39 | 25.4731 | 5.93771991 | 13.68 | 7.3872 | 6.11561343 | 13.33 | 15.769 |
| 5.75994213 | 14.38 | 25.2684 | 5.93783565 | 13.7 | 7.7155 | 6.11572917 | 13.24 | 13.6176 |
| 5.76005787 | 14.39 | 25.4602 | 5.93795139 | 13.69 | 7.7159 | 6.11584491 | 13.13 | 12.1122 |
| 5.76017361 | 14.39 | 25.5225 | 5.93806713 | 13.66 | 7.3811 | 6.11596065 | 13 | 9.4445 |
| 5.76028935 | 14.39 | 25.3852 | 5.93818287 | 13.7 | 7.9968 | 6.11607639 | 13.05 | 10.0943 |
| 5.76040509 | 14.41 | 25.3361 | 5.93829861 | 13.68 | 7.7689 | 6.11619213 | 13.05 | 9.8673 |
| 5.76052083 | 14.39 | 25.7111 | 5.93841435 | 13.65 | 7.9168 | 6.11630787 | 12.92 | 7.7466 |
| 5.76063657 | 14.39 | 25.5251 | 5.93853009 | 13.6 | 7.8976 | 6.11642361 | 13.3 | 15.4421 |
| 5.76075232 | 14.38 | 25.6914 | 5.93864583 | 13.56 | 7.8986 | 6.11653935 | 13.47 | 19.1434 |
| 5.76086806 | 14.39 | 25.4291 | 5.93876157 | 13.55 | 7.8323 | 6.11665509 | 13.24 | 12.8722 |
| 5.7609838 | 14.38 | 25.8555 | 5.93887732 | 13.53 | 7.8467 | 6.11677083 | 13.47 | 19.1304 |
| 5.76109954 | 14.38 | 25.9115 | 5.93899306 | 13.51 | 7.8961 | 6.11688657 | 13.01 | 9.0067 |
| 5.76121528 | 14.38 | 25.9034 | 5.9391088 | 13.48 | 8.0088 | 6.11700232 | 13.38 | 17.549 |
| 5.76133102 | 14.38 | 26.0267 | 5.93922454 | 13.46 | 8.0266 | 6.11711806 | 12.92 | 7.9035 |
| 5.76144676 | 14.38 | 26.1918 | 5.93934028 | 13.46 | 8.0025 | 6.1172338 | 13.16 | 13.0062 |
| 5.7615625 | 14.38 | 25.9248 | 5.93945602 | 13.44 | 7.9777 | 6.11734954 | 13.12 | 12.5549 |
| 5.76167824 | 14.39 | 25.7613 | 5.93957176 | 13.44 | 7.9089 | 6.11746528 | 12.98 | 8.5955 |
| 5.76179398 | 14.38 | 26.312 | 5.9396875 | 13.44 | 7.9745 | 6.11758102 | 13.03 | 9.8947 |
| 5.76190972 | 14.38 | 26.0187 | 5.93980324 | 13.44 | 8.0042 | 6.11769676 | 13.11 | 11.5388 |
| 5.76202546 | 14.38 | 26.2463 | 5.93991898 | 13.69 | 13.3092 | 6.1178125 | 12.86 | 7.2375 |

DrEx 115

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 5.56715278 | 14.91 | 5.3368 | 5.73486111 | 14.45 | 21.9428 | 5.90256944 | 13.88 | 27.3915 |
| 5.56726852 | 14.97 | 7.6152 | 5.73497685 | 14.47 | 21.4181 | 5.90268519 | 13.89 | 27.3983 |
| 5.56738426 | 15.02 | 7.297 | 5.73509259 | 14.48 | 19.9273 | 5.90280093 | 13.91 | 27.4846 |
| 5.5675 | 14.98 | 10.7609 | 5.73520833 | 14.48 | 20.256 | 5.90291667 | 13.91 | 27.4603 |
| 5.56761574 | 14.92 | 11.0269 | 5.73532407 | 14.49 | 19.7389 | 5.90303241 | 13.91 | 27.4638 |
| 5.56773148 | 14.74 | 14.7697 | 5.73543982 | 14.49 | 20.1217 | 5.90314815 | 13.91 | 27.4464 |
| 5.56784722 | 14.68 | 19.8919 | 5.73555556 | 14.49 | 20.087 | 5.90326389 | 13.89 | 27.4502 |
| 5.56796296 | 14.42 | 31.3196 | 5.7356713 | 14.45 | 24.9454 | 5.90337963 | 13.91 | 27.4707 |
| 5.5680787 | 14.47 | 30.1686 | 5.73578704 | 14.47 | 21.4641 | 5.90349537 | 13.89 | 27.4433 |
| 5.56819444 | 14.39 | 31.4305 | 5.73590278 | 14.47 | 21.177 | 5.90361111 | 13.88 | 27.357 |
| 5.56831019 | 14.37 | 32.0287 | 5.73601852 | 14.49 | 19.4471 | 5.90372685 | 13.89 | 27.4052 |
| 5.56842593 | 14.38 | 31.4524 | 5.73613426 | 14.49 | 18.3634 | 5.90384259 | 13.85 | 27.3061 |
| 5.56854167 | 14.37 | 32.1761 | 5.73625 | 14.49 | 19.279 | 5.90395833 | 13.87 | 27.3091 |
| 5.56865741 | 14.47 | 28.0459 | 5.73636574 | 14.48 | 20.7237 | 5.90407407 | 13.84 | 27.2652 |
| 5.56877315 | 14.55 | 25.1821 | 5.73648148 | 14.48 | 20.2227 | 5.90418982 | 13.84 | 27.2652 |
| 5.56888889 | 14.44 | 30.0566 | 5.73659722 | 14.47 | 20.9395 | 5.90430556 | 13.84 | 27.2823 |
| 5.56900463 | 14.42 | 30.9019 | 5.73671296 | 14.47 | 20.2278 | 5.9044213 | 13.85 | 27.3336 |
| 5.56912037 | 14.39 | 31.6191 | 5.7368287 | 14.42 | 23.0035 | 5.90453704 | 13.84 | 27.3235 |
| 5.56923611 | 14.38 | 31.9732 | 5.73694444 | 14.45 | 20.1773 | 5.90465278 | 13.85 | 27.3164 |
| 5.56935185 | 14.45 | 29.8358 | 5.73706019 | 14.42 | 23.508 | 5.90476852 | 13.85 | 27.3336 |
| 5.56946759 | 14.39 | 31.2712 | 5.73717593 | 14.37 | 27.3156 | 5.90488426 | 13.84 | 27.3441 |
| 5.56958333 | 14.38 | 31.8181 | 5.73729167 | 14.41 | 22.9392 | 5.905 | 13.85 | 27.3439 |
| 5.56969907 | 14.51 | 24.9822 | 5.73740741 | 14.38 | 26.6534 | 5.90511574 | 13.87 | 27.3883 |
| 5.56981482 | 14.45 | 27.8884 | 5.73752315 | 14.37 | 29.6743 | 5.90523148 | 13.87 | 27.3676 |
| 5.56993056 | 14.44 | 29.91 | 5.73763889 | 14.39 | 24.0928 | 5.90534722 | 13.87 | 27.4021 |
| 5.5700463 | 14.44 | 29.58 | 5.73775463 | 14.42 | 23.559 | 5.90546296 | 13.91 | 27.429 |
| 5.57016204 | 14.44 | 30.4056 | 5.73787037 | 14.38 | 25.9293 | 5.9055787 | 13.91 | 27.4464 |
| 5.57027778 | 14.35 | 32.2982 | 5.73798611 | 14.38 | 26.7631 | 5.90569444 | 13.92 | 27.4358 |
| 5.57039352 | 14.37 | 31.4376 | 5.73810185 | 14.37 | 27.7613 | 5.90581019 | 13.91 | 27.4464 |
| 5.57050926 | 14.39 | 31.5637 | 5.73821759 | 14.37 | 29.889 | 5.90592593 | 13.92 | 27.4462 |
| 5.570625 | 14.48 | 26.1978 | 5.73833333 | 14.35 | 30.1687 | 5.90604167 | 13.89 | 27.4259 |
| 5.57074074 | 14.38 | 31.8884 | 5.73844907 | 14.37 | 28.942 | 5.90615741 | 13.91 | 27.436 |
| 5.57085648 | 14.45 | 28.5091 | 5.73856482 | 14.38 | 26.6468 | 5.90627315 | 13.92 | 27.5124 |
| 5.57097222 | 14.49 | 29.3797 | 5.73868056 | 14.37 | 28.1663 | 5.90638889 | 13.92 | 27.4706 |
| 5.57108796 | 14.55 | 26.0584 | 5.7387963 | 14.38 | 26.1661 | 5.90650463 | 13.89 | 27.2675 |
| 5.5712037 | 14.45 | 30.3034 | 5.73891204 | 14.39 | 24.1951 | 5.90662037 | 13.87 | 27.227 |
| 5.57131944 | 14.45 | 29.6953 | 5.73902778 | 14.39 | 25.5105 | 5.90673611 | 13.87 | 27.2338 |
| 5.57143519 | 14.45 | 30.3892 | 5.73914352 | 14.38 | 25.7307 | 5.90685185 | 13.84 | 27.1868 |
| 5.57155093 | 14.45 | 31.1686 | 5.73925926 | 14.37 | 26.7001 | 5.90696759 | 13.87 | 27.2338 |
| 5.57166667 | 14.42 | 31.692 | 5.739375 | 14.38 | 25.7584 | 5.90708333 | 13.87 | 27.2509 |
| 5.57178241 | 14.41 | 31.8778 | 5.73949074 | 14.37 | 25.8455 | 5.90719907 | 13.87 | 27.2919 |
| 5.57189815 | 14.49 | 30.4009 | 5.73960648 | 14.39 | 21.4287 | 5.90731482 | 13.87 | 27.2509 |
| 5.57201389 | 14.42 | 31.4933 | 5.73972222 | 14.37 | 26.5942 | 5.90743056 | 13.87 | 27.2338 |
| 5.57212963 | 14.41 | 31.7281 | 5.73983796 | 14.39 | 20.262 | 5.9075463 | 13.85 | 27.19 |
| 5.57224537 | 14.39 | 31.6562 | 5.7399537 | 14.39 | 22.3254 | 5.90766204 | 13.87 | 27.1895 |
| 5.57236111 | 14.41 | 31.6213 | 5.74006944 | 14.37 | 23.5127 | 5.90777778 | 13.84 | 27.1089 |
| 5.57247685 | 14.41 | 30.7422 | 5.74018519 | 14.38 | 25.4477 | 5.90789352 | 13.85 | 27.1019 |
| 5.57259259 | 14.49 | 27.5686 | 5.74030093 | 14.38 | 25.1272 | 5.90800926 | 13.84 | 26.951 |
| 5.57270833 | 14.45 | 30.1587 | 5.74041667 | 14.39 | 22.4813 | 5.908125 | 13.84 | 26.8811 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.57282407 | 14.41 | 31.4052 | 5.74053241 | 14.39 | 24.0794 | 5.90824074 | 13.84 | 26.7687 |
| 5.57293982 | 14.39 | 31.7072 | 5.74064815 | 14.38 | 24.0375 | 5.90835648 | 13.84 | 26.7063 |
| 5.57305556 | 14.38 | 32.0015 | 5.74076389 | 14.39 | 20.9408 | 5.90847222 | 13.85 | 26.7157 |
| 5.5731713 | 14.39 | 31.6191 | 5.74087963 | 14.39 | 17.536 | 5.90858796 | 13.85 | 26.7322 |
| 5.57328704 | 14.51 | 27.8672 | 5.74099537 | 14.42 | 18.8327 | 5.9087037 | 13.85 | 26.8542 |
| 5.57340278 | 14.58 | 24.4603 | 5.74111111 | 14.42 | 19.582 | 5.90881944 | 13.85 | 26.7914 |
| 5.57351852 | 14.51 | 27.9401 | 5.74122685 | 14.42 | 19.5906 | 5.90893519 | 13.87 | 26.9134 |
| 5.57363426 | 14.59 | 24.1874 | 5.74134259 | 14.42 | 20.0993 | 5.90905093 | 13.85 | 26.841 |
| 5.57375 | 14.58 | 25.0072 | 5.74145833 | 14.44 | 19.1598 | 5.90916667 | 13.85 | 26.8244 |
| 5.57386574 | 14.62 | 23.4029 | 5.74157407 | 14.44 | 20.4872 | 5.90928241 | 13.85 | 26.8046 |
| 5.57398148 | 14.64 | 23.6497 | 5.74168982 | 14.44 | 18.2157 | 5.90939815 | 13.85 | 26.6961 |
| 5.57409722 | 14.62 | 23.4996 | 5.74180556 | 14.44 | 18.9346 | 5.90951389 | 13.85 | 26.4399 |
| 5.57421296 | 14.62 | 23.9111 | 5.7419213 | 14.37 | 26.5679 | 5.90962963 | 13.87 | 26.4809 |
| 5.5743287 | 14.57 | 25.3088 | 5.74203704 | 14.41 | 21.2874 | 5.90974537 | 13.85 | 26.485 |
| 5.57444444 | 14.57 | 25.1574 | 5.74215278 | 14.44 | 17.6165 | 5.90986111 | 13.87 | 26.3176 |
| 5.57456019 | 14.58 | 24.9897 | 5.74226852 | 14.42 | 21.0444 | 5.90997685 | 13.87 | 26.1595 |
| 5.57467593 | 14.58 | 24.8335 | 5.74238426 | 14.39 | 25.2325 | 5.91009259 | 13.88 | 26.222 |
| 5.57479167 | 14.52 | 27.6508 | 5.7425 | 14.37 | 28.5489 | 5.91020833 | 13.87 | 26.3878 |
| 5.57490741 | 14.47 | 29.3103 | 5.74261574 | 14.41 | 23.6188 | 5.91032407 | 13.87 | 26.4134 |
| 5.57502315 | 14.39 | 31.7538 | 5.74273148 | 14.42 | 20.3769 | 5.91043982 | 13.87 | 26.3878 |
| 5.57513889 | 14.38 | 31.959 | 5.74284722 | 14.39 | 26.7129 | 5.91055556 | 13.91 | 27.0227 |
| 5.57525463 | 14.61 | 21.8464 | 5.74296296 | 14.38 | 26.3232 | 5.9106713 | 13.91 | 27.053 |
| 5.57537037 | 14.57 | 24.9467 | 5.7430787 | 14.38 | 26.7966 | 5.91078704 | 13.89 | 26.9261 |
| 5.57548611 | 14.59 | 23.5279 | 5.74319444 | 14.38 | 26.921 | 5.91090278 | 13.89 | 27.0839 |
| 5.57560185 | 14.61 | 23.3331 | 5.74331019 | 14.38 | 27.9205 | 5.91101852 | 13.92 | 27.3977 |
| 5.57571759 | 14.58 | 24.3634 | 5.74342593 | 14.38 | 19.2193 | 5.91113426 | 13.92 | 27.1034 |
| 5.57583333 | 14.49 | 28.4079 | 5.74354167 | 14.38 | 26.453 | 5.91125 | 13.95 | 27.4631 |
| 5.57594907 | 14.44 | 29.4216 | 5.74365741 | 14.39 | 21.0425 | 5.91136574 | 13.98 | 27.5675 |
| 5.57606482 | 14.47 | 28.6971 | 5.74377315 | 14.39 | 22.7549 | 5.91148148 | 13.95 | 27.1263 |
| 5.57618056 | 14.45 | 29.4545 | 5.74388889 | 14.37 | 28.9811 | 5.91159722 | 13.94 | 27.0084 |
| 5.5762963 | 14.42 | 30.4558 | 5.74400463 | 14.38 | 25.8544 | 5.91171296 | 13.95 | 27.0586 |
| 5.57641204 | 14.39 | 31.3529 | 5.74412037 | 14.39 | 23.8202 | 5.9118287 | 13.97 | 27.283 |
| 5.57652778 | 14.41 | 30.7071 | 5.74423611 | 14.37 | 29.2977 | 5.91194444 | 13.98 | 27.414 |
| 5.57664352 | 14.39 | 30.7098 | 5.74435185 | 14.37 | 28.985 | 5.91206019 | 13.95 | 27.1671 |
| 5.57675926 | 14.39 | 31.0282 | 5.74446759 | 14.38 | 26.8167 | 5.91217593 | 13.97 | 27.3795 |
| 5.576875 | 14.38 | 31.2069 | 5.74458333 | 14.39 | 23.9174 | 5.91229167 | 13.95 | 27.4145 |
| 5.57699074 | 14.39 | 30.5746 | 5.74469907 | 14.37 | 28.9732 | 5.91240741 | 13.94 | 27.4911 |
| 5.57710648 | 14.37 | 31.7283 | 5.74481482 | 14.37 | 28.1145 | 5.91252315 | 13.95 | 27.3695 |
| 5.57722222 | 14.37 | 31.1969 | 5.74493056 | 14.35 | 29.7595 | 5.91263889 | 13.94 | 27.4389 |
| 5.57733796 | 14.37 | 31.6957 | 5.7450463 | 14.35 | 29.9127 | 5.91275463 | 13.94 | 27.2733 |
| 5.5774537 | 14.37 | 31.3327 | 5.74516204 | 14.35 | 30.0423 | 5.91287037 | 13.95 | 27.411 |
| 5.57756944 | 14.37 | 31.7702 | 5.74527778 | 14.35 | 29.1654 | 5.91298611 | 13.92 | 27.2155 |
| 5.57768519 | 14.45 | 23.7992 | 5.74539352 | 14.37 | 29.703 | 5.91310185 | 13.91 | 26.6873 |
| 5.57780093 | 14.41 | 30.4421 | 5.74550926 | 14.37 | 27.6004 | 5.91321759 | 13.92 | 26.9854 |
| 5.57791667 | 14.45 | 28.4826 | 5.745625 | 14.37 | 28.4353 | 5.91333333 | 13.92 | 26.8852 |
| 5.57803241 | 14.41 | 30.941 | 5.74574074 | 14.37 | 26.8236 | 5.91344907 | 13.94 | 26.7191 |
| 5.57814815 | 14.39 | 31.2621 | 5.74585648 | 14.37 | 27.4485 | 5.91356482 | 13.92 | 26.482 |
| 5.57826389 | 14.48 | 27.1106 | 5.74597222 | 14.35 | 28.6667 | 5.91368056 | 13.94 | 27.0185 |
| 5.57837963 | 14.49 | 26.3037 | 5.74608796 | 14.35 | 29.3208 | 5.9137963 | 13.91 | 26.3796 |
| 5.57849537 | 14.61 | 22.0583 | 5.7462037 | 14.35 | 28.0517 | 5.91391204 | 13.92 | 26.2708 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.57861111 | 14.51 | 26.6008 | 5.74631944 | 14.38 | 26.2108 | 5.91402778 | 13.91 | 26.1954 |
| 5.57872685 | 14.51 | 26.7071 | 5.74643519 | 14.38 | 26.1184 | 5.91414352 | 13.91 | 26.2618 |
| 5.57884259 | 14.51 | 26.4986 | 5.74655093 | 14.37 | 26.9381 | 5.91425926 | 13.89 | 26.1585 |
| 5.57895833 | 14.49 | 27.4165 | 5.74666667 | 14.35 | 27.5473 | 5.914375 | 13.91 | 26.1011 |
| 5.57907407 | 14.44 | 29.2609 | 5.74678241 | 14.37 | 25.563 | 5.91449074 | 13.89 | 26.2026 |
| 5.57918982 | 14.48 | 27.8089 | 5.74689815 | 14.37 | 16.1708 | 5.91460648 | 13.91 | 26.1701 |
| 5.57930556 | 14.44 | 29.4823 | 5.74701389 | 14.38 | 22.075 | 5.91472222 | 13.89 | 26.1837 |
| 5.5794213 | 14.39 | 31.4534 | 5.74712963 | 14.37 | 24.9044 | 5.91483796 | 13.89 | 26.0335 |
| 5.57953704 | 14.37 | 31.557 | 5.74724537 | 14.37 | 26.8102 | 5.9149537 | 13.89 | 26.0428 |
| 5.57965278 | 14.35 | 31.81 | 5.74736111 | 14.37 | 24.9275 | 5.91506944 | 13.89 | 26.0521 |
| 5.57976852 | 14.37 | 31.9342 | 5.74747685 | 14.37 | 19.9944 | 5.91518519 | 13.89 | 26.0896 |
| 5.57988426 | 14.37 | 31.8966 | 5.74759259 | 14.37 | 16.4303 | 5.91530093 | 13.89 | 25.9869 |
| 5.58 | 14.35 | 32.0074 | 5.74770833 | 14.38 | 21.0881 | 5.91541667 | 13.88 | 25.8487 |
| 5.58011574 | 14.35 | 32.1403 | 5.74782407 | 14.39 | 18.3843 | 5.91553241 | 13.89 | 25.9405 |
| 5.58023148 | 14.35 | 32.188 | 5.74793982 | 14.39 | 17.8628 | 5.91564815 | 13.88 | 25.9503 |
| 5.58034722 | 14.35 | 32.1975 | 5.74805556 | 14.39 | 17.8672 | 5.91576389 | 13.89 | 25.839 |
| 5.58046296 | 14.35 | 32.1641 | 5.7481713 | 14.39 | 16.9535 | 5.91587963 | 13.89 | 25.7748 |
| 5.5805787 | 14.34 | 32.201 | 5.74828704 | 14.38 | 25.0367 | 5.91599537 | 13.89 | 25.8175 |
| 5.58069444 | 14.34 | 32.1915 | 5.74840278 | 14.37 | 26.398 | 5.91611111 | 13.89 | 25.9096 |
| 5.58081019 | 14.35 | 32.1689 | 5.74851852 | 14.37 | 26.192 | 5.91622685 | 13.89 | 25.8819 |
| 5.58092593 | 14.34 | 32.1724 | 5.74863426 | 14.38 | 18.6258 | 5.91634259 | 13.89 | 25.8696 |
| 5.58104167 | 14.34 | 32.1772 | 5.74875 | 14.38 | 24.1419 | 5.91645833 | 13.89 | 25.8819 |
| 5.58115741 | 14.34 | 32.1676 | 5.74886574 | 14.38 | 24.0829 | 5.91657407 | 13.89 | 26.0086 |
| 5.58127315 | 14.34 | 32.1105 | 5.74898148 | 14.38 | 24.8008 | 5.91668982 | 13.89 | 26.0397 |
| 5.58138889 | 14.34 | 32.0725 | 5.74909722 | 14.37 | 26.77 | 5.91680556 | 13.89 | 26.124 |
| 5.58150463 | 14.35 | 31.899 | 5.74921296 | 14.37 | 28.3263 | 5.9169213 | 13.91 | 26.6709 |
| 5.58162037 | 14.35 | 31.7959 | 5.7493287 | 14.37 | 26.4012 | 5.91703704 | 13.89 | 26.0179 |
| 5.58173611 | 14.54 | 17.825 | 5.74944444 | 14.35 | 25.173 | 5.91715278 | 13.91 | 26.4599 |
| 5.58185185 | 14.61 | 18.3625 | 5.74956019 | 14.37 | 26.1187 | 5.91726852 | 13.89 | 26.0802 |
| 5.58196759 | 14.41 | 30.0925 | 5.74967593 | 14.37 | 24.6768 | 5.91738426 | 13.89 | 26.5934 |
| 5.58208333 | 14.39 | 30.419 | 5.74979167 | 14.38 | 23.7455 | 5.9175 | 13.89 | 26.5382 |
| 5.58219907 | 14.41 | 29.6806 | 5.74990741 | 14.38 | 24.7298 | 5.91761574 | 13.89 | 25.9096 |
| 5.58231482 | 14.61 | 19.9944 | 5.75002315 | 14.38 | 24.4528 | 5.91773148 | 13.88 | 26.1214 |
| 5.58243056 | 14.62 | 20.5319 | 5.75013889 | 14.37 | 26.33 | 5.91784722 | 13.88 | 25.9657 |
| 5.5825463 | 14.59 | 21.4568 | 5.75025463 | 14.38 | 25.8234 | 5.91796296 | 13.88 | 25.8579 |
| 5.58266204 | 14.57 | 22.7758 | 5.75037037 | 14.38 | 26.3039 | 5.9180787 | 13.88 | 25.6572 |
| 5.58277778 | 14.55 | 24.3628 | 5.75048611 | 14.38 | 26.198 | 5.91819444 | 13.89 | 26.3933 |
| 5.58289352 | 14.51 | 25.9712 | 5.75060185 | 14.38 | 27.0092 | 5.91831019 | 13.88 | 26.2695 |
| 5.58300926 | 14.48 | 27.7764 | 5.75071759 | 14.37 | 25.9141 | 5.91842593 | 13.88 | 26.7771 |
| 5.583125 | 14.39 | 30.9836 | 5.75083333 | 14.37 | 27.466 | 5.91854167 | 13.88 | 26.7607 |
| 5.58324074 | 14.39 | 31.2893 | 5.75094907 | 14.38 | 25.8637 | 5.91865741 | 13.87 | 26.7216 |
| 5.58335648 | 14.39 | 31.3393 | 5.75106482 | 14.38 | 26.8334 | 5.91877315 | 13.87 | 26.7413 |
| 5.58347222 | 14.39 | 31.394 | 5.75118056 | 14.38 | 26.4922 | 5.91888889 | 13.87 | 26.7413 |
| 5.58358796 | 14.39 | 31.3347 | 5.7512963 | 14.38 | 25.1038 | 5.91900463 | 13.87 | 26.7314 |
| 5.5837037 | 14.38 | 31.5949 | 5.75141204 | 14.38 | 25.8793 | 5.91912037 | 13.87 | 26.7676 |
| 5.58381944 | 14.37 | 31.8076 | 5.75152778 | 14.38 | 25.5504 | 5.91923611 | 13.87 | 26.715 |
| 5.58393519 | 14.37 | 31.8825 | 5.75164352 | 14.38 | 25.2301 | 5.91935185 | 13.87 | 26.7874 |
| 5.58405093 | 14.37 | 31.906 | 5.75175926 | 14.38 | 25.2478 | 5.91946759 | 13.87 | 26.6953 |
| 5.58416667 | 14.37 | 31.939 | 5.751875 | 14.38 | 25.5171 | 5.91958333 | 13.85 | 26.7354 |
| 5.58428241 | 14.37 | 31.4376 | 5.75199074 | 14.38 | 24.8322 | 5.91969907 | 13.85 | 26.742 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.58439815 | 14.37 | 31.5662 | 5.75210648 | 14.38 | 26.2268 | 5.91981482 | 13.87 | 26.8138 |
| 5.58451389 | 14.37 | 31.6586 | 5.75222222 | 14.38 | 25.8606 | 5.91993056 | 13.85 | 26.7617 |
| 5.58462963 | 14.37 | 31.7236 | 5.75233796 | 14.38 | 26.3297 | 5.9200463 | 13.85 | 26.8079 |
| 5.58474537 | 14.35 | 31.7819 | 5.7524537 | 14.38 | 25.9637 | 5.92016204 | 13.85 | 26.6797 |
| 5.58486111 | 14.35 | 31.8661 | 5.75256944 | 14.37 | 25.9391 | 5.92027778 | 13.87 | 26.6561 |
| 5.58497685 | 14.35 | 31.9743 | 5.75268519 | 14.37 | 26.1601 | 5.92039352 | 13.87 | 26.5747 |
| 5.58509259 | 14.35 | 31.9602 | 5.75280093 | 14.37 | 26.4468 | 5.92050926 | 13.85 | 26.6536 |
| 5.58520833 | 14.34 | 32.063 | 5.75291667 | 14.37 | 26.614 | 5.920625 | 13.85 | 26.2709 |
| 5.58532407 | 14.35 | 32.0074 | 5.75303241 | 14.37 | 26.5186 | 5.92074074 | 13.82 | 24.1681 |
| 5.58543982 | 14.37 | 31.0756 | 5.75314815 | 14.37 | 26.7567 | 5.92085648 | 13.85 | 26.4175 |
| 5.58555556 | 14.38 | 29.8149 | 5.75326389 | 14.37 | 27.081 | 5.92097222 | 13.85 | 26.5625 |
| 5.5856713 | 14.39 | 29.9569 | 5.75337963 | 14.37 | 26.9754 | 5.92108796 | 13.84 | 25.8174 |
| 5.58578704 | 14.41 | 29.1481 | 5.75349537 | 14.35 | 27.3088 | 5.9212037 | 13.85 | 25.9705 |
| 5.58590278 | 14.41 | 29.7754 | 5.75361111 | 14.37 | 27.0195 | 5.92131944 | 13.84 | 24.3426 |
| 5.58601852 | 14.44 | 27.3291 | 5.75372685 | 14.35 | 24.6221 | 5.92143519 | 13.82 | 24.0888 |
| 5.58613426 | 14.38 | 30.2472 | 5.75384259 | 14.35 | 27.1463 | 5.92155093 | 13.82 | 23.9448 |
| 5.58625 | 14.35 | 31.824 | 5.75395833 | 14.37 | 26.5975 | 5.92166667 | 13.82 | 24.0914 |
| 5.58636574 | 14.37 | 31.36 | 5.75407407 | 14.37 | 28.4693 | 5.92178241 | 13.82 | 25.8034 |
| 5.58648148 | 14.35 | 31.726 | 5.75418982 | 14.35 | 27.382 | 5.92189815 | 13.84 | 24.0579 |
| 5.58659722 | 14.39 | 29.7412 | 5.75430556 | 14.37 | 25.0199 | 5.92201389 | 13.84 | 24.0658 |
| 5.58671296 | 14.37 | 31.2285 | 5.7544213 | 14.37 | 27.057 | 5.92212963 | 13.84 | 24.3426 |
| 5.5868287 | 14.35 | 29.3288 | 5.75453704 | 14.37 | 28.0557 | 5.92224537 | 13.84 | 24.9089 |
| 5.58694444 | 14.61 | 18.9254 | 5.75465278 | 14.37 | 27.26 | 5.92236111 | 13.82 | 23.9033 |
| 5.58706019 | 14.37 | 31.8872 | 5.75476852 | 14.37 | 28.424 | 5.92247685 | 13.82 | 23.6777 |
| 5.58717593 | 14.38 | 30.7616 | 5.75488426 | 14.35 | 28.6552 | 5.92259259 | 13.82 | 23.5791 |
| 5.58729167 | 14.35 | 31.8849 | 5.755 | 14.35 | 28.2886 | 5.92270833 | 13.82 | 23.5064 |
| 5.58740741 | 14.35 | 31.9507 | 5.75511574 | 14.35 | 28.9335 | 5.92282407 | 13.82 | 23.8002 |
| 5.58752315 | 14.35 | 31.8614 | 5.75523148 | 14.37 | 27.6896 | 5.92293982 | 13.82 | 23.7464 |
| 5.58763889 | 14.35 | 32.0121 | 5.75534722 | 14.34 | 15.6219 | 5.92305556 | 13.82 | 23.7874 |
| 5.58775463 | 14.35 | 31.9696 | 5.75546296 | 14.37 | 27.1083 | 5.9231713 | 13.82 | 23.9579 |
| 5.58787037 | 14.37 | 31.4742 | 5.7555787 | 14.37 | 28.5109 | 5.92328704 | 13.84 | 23.9402 |
| 5.58798611 | 14.35 | 31.7353 | 5.75569444 | 14.35 | 27.1292 | 5.92340278 | 13.84 | 24.1 |
| 5.58810185 | 14.35 | 31.8614 | 5.75581019 | 14.37 | 27.3609 | 5.92351852 | 13.82 | 24.0127 |
| 5.58821759 | 14.35 | 31.9319 | 5.75592593 | 14.37 | 26.6735 | 5.92363426 | 13.84 | 24.0947 |
| 5.58833333 | 14.34 | 31.8275 | 5.75604167 | 14.35 | 27.4135 | 5.92375 | 13.84 | 24.05 |
| 5.58844907 | 14.35 | 31.7866 | 5.75615741 | 14.37 | 27.1667 | 5.92386574 | 13.84 | 24.071 |
| 5.58856482 | 14.35 | 31.8146 | 5.75627315 | 14.37 | 25.3793 | 5.92398148 | 13.84 | 24.1 |
| 5.58868056 | 14.34 | 31.8369 | 5.75638889 | 14.37 | 26.657 | 5.92409722 | 13.82 | 24.1125 |
| 5.5887963 | 14.37 | 31.5985 | 5.75650463 | 14.37 | 25.6881 | 5.92421296 | 13.84 | 24.1185 |
| 5.58891204 | 14.35 | 31.8521 | 5.75662037 | 14.37 | 25.4995 | 5.9243287 | 13.84 | 24.1502 |
| 5.58902778 | 14.35 | 31.7586 | 5.75673611 | 14.38 | 26.6071 | 5.92444444 | 13.84 | 24.1555 |
| 5.58914352 | 14.35 | 31.6472 | 5.75685185 | 14.37 | 26.9313 | 5.92456019 | 13.82 | 24.1973 |
| 5.58925926 | 14.35 | 31.6703 | 5.75696759 | 14.37 | 26.6835 | 5.92467593 | 13.82 | 24.2586 |
| 5.589375 | 14.35 | 31.6055 | 5.75708333 | 14.37 | 26.8068 | 5.92479167 | 13.84 | 24.2862 |
| 5.58949074 | 14.35 | 31.6889 | 5.75719907 | 14.37 | 26.7134 | 5.92490741 | 13.84 | 24.1715 |
| 5.58960648 | 14.35 | 31.6657 | 5.75731482 | 14.37 | 27.023 | 5.92502315 | 13.84 | 24.1715 |
| 5.58972222 | 14.34 | 31.8509 | 5.75743056 | 14.37 | 26.874 | 5.92513889 | 13.84 | 24.1635 |
| 5.58983796 | 14.35 | 31.7913 | 5.7575463 | 14.37 | 27.0673 | 5.92525463 | 13.84 | 24.2327 |
| 5.5899537 | 14.35 | 31.3262 | 5.75766204 | 14.37 | 27.1118 | 5.92537037 | 13.85 | 24.2692 |
| 5.59006944 | 14.39 | 29.982 | 5.75777778 | 14.37 | 26.9246 | 5.92548611 | 13.84 | 24.2273 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59018519 | 14.37 | 31.1879 | 5.75789352 | 14.37 | 27.5048 | 5.92560185 | 13.84 | 24.254 |
| 5.59030093 | 14.35 | 31.5686 | 5.75800926 | 14.35 | 27.8044 | 5.92571759 | 13.82 | 24.1601 |
| 5.59041667 | 14.41 | 29.0454 | 5.758125 | 14.37 | 27.5543 | 5.92583333 | 13.82 | 24.1231 |
| 5.59053241 | 14.37 | 31.3691 | 5.75824074 | 14.35 | 27.6182 | 5.92594907 | 13.84 | 24.2781 |
| 5.59064815 | 14.35 | 31.6472 | 5.75835648 | 14.37 | 27.2288 | 5.92606482 | 13.87 | 24.7127 |
| 5.59076389 | 14.35 | 31.8333 | 5.75847222 | 14.37 | 27.1049 | 5.92618056 | 13.87 | 24.8246 |
| 5.59087963 | 14.34 | 31.8416 | 5.75858796 | 14.37 | 26.8807 | 5.9262963 | 13.85 | 24.5925 |
| 5.59099537 | 14.35 | 31.6564 | 5.7587037 | 14.37 | 27.4977 | 5.92641204 | 13.84 | 24.4102 |
| 5.59111111 | 14.35 | 31.7726 | 5.75881944 | 14.37 | 27.2947 | 5.92652778 | 13.85 | 24.609 |
| 5.59122685 | 14.35 | 31.6657 | 5.75893519 | 14.37 | 27.5827 | 5.92664352 | 13.87 | 24.9207 |
| 5.59134259 | 14.35 | 30.781 | 5.75905093 | 14.37 | 28.0373 | 5.92675926 | 13.88 | 25.2711 |
| 5.59145833 | 14.38 | 30.0989 | 5.75916667 | 14.37 | 28.5717 | 5.926875 | 13.87 | 24.9405 |
| 5.59157407 | 14.35 | 30.8648 | 5.75928241 | 14.35 | 28.5029 | 5.92699074 | 13.87 | 24.9122 |
| 5.59168982 | 14.34 | 31.7435 | 5.75939815 | 14.35 | 27.9822 | 5.92710648 | 13.85 | 24.9848 |
| 5.59180556 | 14.34 | 31.8744 | 5.75951389 | 14.35 | 27.9785 | 5.92722222 | 13.87 | 24.9264 |
| 5.5919213 | 14.34 | 31.7622 | 5.75962963 | 14.37 | 27.5898 | 5.92733796 | 13.85 | 24.9933 |
| 5.59203704 | 14.35 | 31.7307 | 5.75974537 | 14.35 | 27.953 | 5.9274537 | 13.87 | 25.2281 |
| 5.59215278 | 14.34 | 31.7529 | 5.75986111 | 14.37 | 27.6325 | 5.92756944 | 13.85 | 24.8488 |
| 5.59226852 | 14.34 | 31.7482 | 5.75997685 | 14.35 | 27.6503 | 5.92768519 | 13.87 | 25.0175 |
| 5.59238426 | 14.34 | 31.7529 | 5.76009259 | 14.37 | 26.7134 | 5.92780093 | 13.87 | 24.9775 |
| 5.5925 | 14.34 | 31.8322 | 5.76020833 | 14.37 | 26.8538 | 5.92791667 | 13.87 | 24.6793 |
| 5.59261574 | 14.34 | 31.9354 | 5.76032407 | 14.37 | 26.6636 | 5.92803241 | 13.87 | 24.85 |
| 5.59273148 | 14.34 | 31.992 | 5.76043982 | 14.37 | 26.8538 | 5.92814815 | 13.87 | 24.8726 |
| 5.59284722 | 14.34 | 32.0015 | 5.76055556 | 14.37 | 27.3051 | 5.92826389 | 13.87 | 24.8641 |
| 5.59296296 | 14.35 | 31.7447 | 5.7606713 | 14.35 | 26.6244 | 5.92837963 | 13.85 | 24.6921 |
| 5.5930787 | 14.34 | 31.8416 | 5.76078704 | 14.35 | 25.7167 | 5.92849537 | 13.84 | 24.6957 |
| 5.59319444 | 14.34 | 31.7342 | 5.76090278 | 14.35 | 27.274 | 5.92861111 | 13.85 | 24.6949 |
| 5.59331019 | 14.34 | 31.8978 | 5.76101852 | 14.35 | 27.7792 | 5.92872685 | 13.84 | 24.4482 |
| 5.59342593 | 14.35 | 31.8521 | 5.76113426 | 14.35 | 26.3274 | 5.92884259 | 13.85 | 24.745 |
| 5.59354167 | 14.34 | 31.8978 | 5.76125 | 14.37 | 26.6868 | 5.92895833 | 13.84 | 24.5384 |
| 5.59365741 | 14.34 | 31.8275 | 5.76136574 | 14.37 | 27.8081 | 5.92907407 | 13.84 | 24.5082 |
| 5.59377315 | 14.35 | 31.5871 | 5.76148148 | 14.35 | 24.7716 | 5.92918982 | 13.85 | 24.8094 |
| 5.59388889 | 14.35 | 31.6009 | 5.76159722 | 14.37 | 26.8437 | 5.92930556 | 13.85 | 24.8038 |
| 5.59400463 | 14.37 | 31.013 | 5.76171296 | 14.37 | 24.7305 | 5.9294213 | 13.85 | 24.7227 |
| 5.59412037 | 14.37 | 30.8444 | 5.7618287 | 14.38 | 25.2804 | 5.92953704 | 13.87 | 24.85 |
| 5.59423611 | 14.37 | 31.1159 | 5.76194444 | 14.37 | 25.8642 | 5.92965278 | 13.85 | 24.6977 |
| 5.59435185 | 14.35 | 31.0379 | 5.76206019 | 14.38 | 25.654 | 5.92976852 | 13.84 | 24.6209 |
| 5.59446759 | 14.41 | 29.2396 | 5.76217593 | 14.38 | 26.1948 | 5.92988426 | 13.85 | 24.5183 |
| 5.59458333 | 14.41 | 29.3356 | 5.76229167 | 14.38 | 26.4758 | 5.93 | 13.85 | 24.48 |
| 5.59469907 | 14.41 | 29.4929 | 5.76240741 | 14.38 | 26.2589 | 5.93011574 | 13.85 | 24.4664 |
| 5.59481482 | 14.42 | 29.1803 | 5.76252315 | 14.37 | 27.0878 | 5.93023148 | 13.84 | 24.4728 |
| 5.59493056 | 14.38 | 30.8497 | 5.76263889 | 14.37 | 26.6802 | 5.93034722 | 13.84 | 24.3858 |
| 5.5950463 | 14.37 | 31.3282 | 5.76275463 | 14.35 | 27.8333 | 5.93046296 | 13.84 | 24.4184 |
| 5.59516204 | 14.37 | 31.4926 | 5.76287037 | 14.35 | 26.8878 | 5.9305787 | 13.82 | 24.4446 |
| 5.59527778 | 14.37 | 31.3555 | 5.76298611 | 14.35 | 27.198 | 5.93069444 | 13.84 | 24.5466 |
| 5.59539352 | 14.35 | 31.4584 | 5.76310185 | 14.35 | 27.2983 | 5.93081019 | 13.84 | 24.4646 |
| 5.59550926 | 14.35 | 31.5364 | 5.76321759 | 14.37 | 27.4204 | 5.93092593 | 13.84 | 24.4156 |
| 5.595625 | 14.37 | 31.1294 | 5.76333333 | 14.35 | 27.5049 | 5.93104167 | 13.84 | 24.4129 |
| 5.59574074 | 14.41 | 28.6569 | 5.76344907 | 14.35 | 27.3088 | 5.93115741 | 13.85 | 24.48 |
| 5.59585648 | 14.41 | 28.9239 | 5.76356482 | 14.35 | 27.2636 | 5.93127315 | 13.84 | 24.4564 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.59597222 | 14.39 | 30.4578 | 5.76368056 | 14.35 | 27.7469 | 5.93138889 | 13.84 | 24.4401 |
| 5.59608796 | 14.39 | 30.1123 | 5.7637963 | 14.37 | 27.9204 | 5.93150463 | 13.84 | 24.4129 |
| 5.5962037 | 14.44 | 27.9029 | 5.76391204 | 14.35 | 27.8767 | 5.93162037 | 13.84 | 24.4347 |
| 5.59631944 | 14.42 | 29.264 | 5.76402778 | 14.35 | 27.7864 | 5.93173611 | 13.84 | 24.5466 |
| 5.59643519 | 14.39 | 30.6355 | 5.76414352 | 14.35 | 27.8803 | 5.93185185 | 13.84 | 24.5658 |
| 5.59655093 | 14.42 | 28.4818 | 5.76425926 | 14.35 | 28.0995 | 5.93196759 | 13.82 | 24.4609 |
| 5.59666667 | 14.45 | 27.5118 | 5.764375 | 14.35 | 27.9384 | 5.93208333 | 13.82 | 24.3904 |
| 5.59678241 | 14.41 | 30.211 | 5.76449074 | 14.32 | 22.3816 | 5.93219907 | 13.82 | 24.3877 |
| 5.59689815 | 14.41 | 29.0022 | 5.76460648 | 14.34 | 23.0338 | 5.93231482 | 13.82 | 24.3877 |
| 5.59701389 | 14.44 | 28.1599 | 5.76472222 | 14.35 | 27.772 | 5.93243056 | 13.82 | 24.3958 |
| 5.59712963 | 14.47 | 26.4734 | 5.76483796 | 14.35 | 25.5398 | 5.9325463 | 13.82 | 24.3823 |
| 5.59724537 | 14.47 | 26.8655 | 5.7649537 | 14.35 | 25.0794 | 5.93266204 | 13.82 | 24.5292 |
| 5.59736111 | 14.47 | 27.0182 | 5.76506944 | 14.37 | 27.4766 | 5.93277778 | 13.82 | 24.3877 |
| 5.59747685 | 14.47 | 27.2107 | 5.76518519 | 14.37 | 26.4663 | 5.93289352 | 13.82 | 24.412 |
| 5.59759259 | 14.45 | 27.6684 | 5.76530093 | 14.37 | 26.1664 | 5.93300926 | 13.82 | 24.3661 |
| 5.59770833 | 14.47 | 26.8117 | 5.76541667 | 14.35 | 26.6607 | 5.933125 | 13.82 | 24.3661 |
| 5.59782407 | 14.47 | 27.1038 | 5.76553241 | 14.37 | 26.6536 | 5.93324074 | 13.82 | 24.4936 |
| 5.59793982 | 14.45 | 27.1625 | 5.76564815 | 14.35 | 26.6839 | 5.93335648 | 13.82 | 24.4093 |
| 5.59805556 | 14.48 | 25.7663 | 5.76576389 | 14.35 | 26.7905 | 5.93347222 | 13.82 | 24.3688 |
| 5.5981713 | 14.45 | 27.1384 | 5.76587963 | 14.35 | 26.8744 | 5.93358796 | 13.81 | 24.3347 |
| 5.59828704 | 14.47 | 27.1107 | 5.76599537 | 14.37 | 26.72 | 5.9337037 | 13.82 | 24.3607 |
| 5.59840278 | 14.41 | 29.9206 | 5.76611111 | 14.37 | 26.4631 | 5.93381944 | 13.81 | 24.3778 |
| 5.59851852 | 14.37 | 31.3873 | 5.76622685 | 14.35 | 26.7571 | 5.93393519 | 13.81 | 24.394 |
| 5.59863426 | 14.37 | 30.5687 | 5.76634259 | 14.37 | 26.8001 | 5.93405093 | 13.82 | 24.4093 |
| 5.59875 | 14.37 | 30.1109 | 5.76645833 | 14.35 | 27.0949 | 5.93416667 | 13.82 | 24.3499 |
| 5.59886574 | 14.37 | 30.0184 | 5.76657407 | 14.35 | 27.0573 | 5.93428241 | 13.81 | 24.3778 |
| 5.59898148 | 14.37 | 30.547 | 5.76668982 | 14.35 | 27.2879 | 5.93439815 | 13.81 | 24.3859 |
| 5.59909722 | 14.41 | 28.9708 | 5.76680556 | 14.35 | 27.2014 | 5.93451389 | 13.82 | 24.5046 |
| 5.59921296 | 14.35 | 31.4264 | 5.7669213 | 14.37 | 27.4344 | 5.93462963 | 13.82 | 24.4745 |
| 5.5993287 | 14.48 | 24.1311 | 5.76703704 | 14.35 | 27.5791 | 5.93474537 | 13.82 | 24.521 |
| 5.59944444 | 14.38 | 30.5564 | 5.76715278 | 14.37 | 27.6004 | 5.93486111 | 13.81 | 24.394 |
| 5.59956019 | 14.38 | 30.1411 | 5.76726852 | 14.37 | 27.5437 | 5.93497685 | 13.81 | 24.3994 |
| 5.59967593 | 14.37 | 30.8224 | 5.76738426 | 14.37 | 27.5366 | 5.93509259 | 13.82 | 24.3364 |
| 5.59979167 | 14.34 | 31.7389 | 5.7675 | 14.37 | 27.5969 | 5.93520833 | 13.82 | 24.323 |
| 5.59990741 | 14.38 | 29.2263 | 5.76761574 | 14.37 | 27.5862 | 5.93532407 | 13.82 | 24.3661 |
| 5.60002315 | 14.44 | 27.6326 | 5.76773148 | 14.35 | 27.6717 | 5.93543982 | 13.82 | 24.4609 |
| 5.60013889 | 14.37 | 31.2601 | 5.76784722 | 14.35 | 27.8116 | 5.93555556 | 13.82 | 24.3661 |
| 5.60025463 | 14.35 | 31.0782 | 5.76796296 | 14.35 | 27.8586 | 5.9356713 | 13.82 | 24.4256 |
| 5.60037037 | 14.45 | 23.6796 | 5.7680787 | 14.37 | 27.8841 | 5.93578704 | 13.82 | 24.4392 |
| 5.60048611 | 14.45 | 26.0682 | 5.76819444 | 14.37 | 27.9095 | 5.93590278 | 13.82 | 24.4446 |
| 5.60060185 | 14.37 | 30.8047 | 5.76831019 | 14.37 | 27.986 | 5.93601852 | 13.82 | 24.4909 |
| 5.60071759 | 14.45 | 26.7117 | 5.76842593 | 14.35 | 28.0188 | 5.93613426 | 13.82 | 24.5429 |
| 5.60083333 | 14.39 | 28.8027 | 5.76854167 | 14.35 | 27.8514 | 5.93625 | 13.82 | 24.5182 |
| 5.60094907 | 14.38 | 29.6298 | 5.76865741 | 14.35 | 28.0517 | 5.93636574 | 13.84 | 24.6874 |
| 5.60106482 | 14.41 | 28.4513 | 5.76877315 | 14.35 | 28.203 | 5.93648148 | 13.84 | 24.668 |
| 5.60118056 | 14.41 | 28.8888 | 5.76888889 | 14.35 | 28.4688 | 5.93659722 | 13.82 | 24.5566 |
| 5.6012963 | 14.41 | 28.9121 | 5.76900463 | 14.35 | 29.1853 | 5.93671296 | 13.84 | 24.668 |
| 5.60141204 | 14.42 | 28.3498 | 5.76912037 | 14.35 | 29.225 | 5.9368287 | 13.84 | 24.6458 |
| 5.60152778 | 14.42 | 29.0813 | 5.76923611 | 14.35 | 29.1694 | 5.93694444 | 13.84 | 24.6541 |
| 5.60164352 | 14.42 | 28.4818 | 5.76935185 | 14.35 | 28.8479 | 5.93706019 | 13.84 | 24.6182 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.60175926 | 14.39 | 30.579 | 5.76946759 | 14.35 | 28.5256 | 5.93717593 | 13.84 | 24.6237 |
| 5.601875 | 14.35 | 30.781 | 5.76958333 | 14.35 | 28.7358 | 5.93729167 | 13.84 | 24.5603 |
| 5.60199074 | 14.35 | 31.3262 | 5.76969907 | 14.35 | 28.682 | 5.93740741 | 13.82 | 24.5018 |
| 5.60210648 | 14.37 | 30.9418 | 5.76981482 | 14.35 | 28.0371 | 5.93752315 | 13.82 | 24.5758 |
| 5.60222222 | 14.35 | 31.1679 | 5.76993056 | 14.34 | 28.6549 | 5.93763889 | 13.82 | 24.5648 |
| 5.60233796 | 14.35 | 31.5548 | 5.7700463 | 14.35 | 29.1022 | 5.93775463 | 13.82 | 24.4909 |
| 5.6024537 | 14.37 | 31.2149 | 5.77016204 | 14.35 | 29.1932 | 5.93787037 | 13.82 | 24.5046 |
| 5.60256944 | 14.35 | 31.5871 | 5.77027778 | 14.34 | 28.9253 | 5.93798611 | 13.82 | 24.4964 |
| 5.60268519 | 14.35 | 31.8193 | 5.77039352 | 14.35 | 29.0903 | 5.93810185 | 13.81 | 24.5383 |
| 5.60280093 | 14.34 | 31.7902 | 5.77050926 | 14.35 | 28.9803 | 5.93821759 | 13.82 | 24.5429 |
| 5.60291667 | 14.35 | 30.7371 | 5.770625 | 14.34 | 28.2996 | 5.93833333 | 13.82 | 24.5046 |
| 5.60303241 | 14.35 | 31.1185 | 5.77074074 | 14.35 | 27.5296 | 5.93844907 | 13.82 | 24.4365 |
| 5.60314815 | 14.37 | 30.8798 | 5.77085648 | 14.34 | 27.4838 | 5.93856482 | 13.82 | 24.4148 |
| 5.60326389 | 14.39 | 30.0786 | 5.77097222 | 14.35 | 28.1475 | 5.93868056 | 13.82 | 24.4365 |
| 5.60337963 | 14.39 | 29.7536 | 5.77108796 | 14.35 | 27.5933 | 5.9387963 | 13.82 | 24.4093 |
| 5.60349537 | 14.37 | 31.2375 | 5.7712037 | 14.35 | 27.9712 | 5.93891204 | 13.82 | 24.4964 |
| 5.60361111 | 14.37 | 30.031 | 5.77131944 | 14.35 | 28.0554 | 5.93902778 | 13.82 | 24.431 |
| 5.60372685 | 14.39 | 29.6549 | 5.77143519 | 14.35 | 28.2699 | 5.93914352 | 13.82 | 24.4419 |
| 5.60384259 | 14.39 | 30.108 | 5.77155093 | 14.35 | 28.4236 | 5.93925926 | 13.81 | 24.4809 |
| 5.60395833 | 14.42 | 26.7123 | 5.77166667 | 14.35 | 28.3859 | 5.939375 | 13.82 | 24.4609 |
| 5.60407407 | 14.38 | 30.7397 | 5.77178241 | 14.35 | 28.1623 | 5.93949074 | 13.82 | 24.4528 |
| 5.60418982 | 14.44 | 27.8267 | 5.77189815 | 14.35 | 27.9676 | 5.93960648 | 13.81 | 24.4428 |
| 5.60430556 | 14.44 | 27.6041 | 5.77201389 | 14.35 | 28.0848 | 5.93972222 | 13.81 | 24.4374 |
| 5.6044213 | 14.41 | 29.7878 | 5.77212963 | 14.35 | 28.0959 | 5.93983796 | 13.81 | 24.4374 |
| 5.60453704 | 14.38 | 30.956 | 5.77224537 | 14.37 | 28.2666 | 5.9399537 | 13.81 | 24.4292 |
| 5.60465278 | 14.39 | 29.9653 | 5.77236111 | 14.37 | 28.3226 | 5.94006944 | 13.82 | 24.4419 |
| 5.60476852 | 14.39 | 29.6426 | 5.77247685 | 14.35 | 28.537 | 5.94018519 | 13.81 | 24.4292 |
| 5.60488426 | 14.44 | 28.2157 | 5.77259259 | 14.35 | 28.6323 | 5.94030093 | 13.81 | 24.4211 |
| 5.605 | 14.39 | 30.4448 | 5.77270833 | 14.35 | 28.6208 | 5.94041667 | 13.81 | 24.4374 |
| 5.60511574 | 14.38 | 30.8585 | 5.77282407 | 14.35 | 28.6859 | 5.94053241 | 13.81 | 24.4428 |
| 5.60523148 | 14.37 | 31.2964 | 5.77293982 | 14.35 | 26.9013 | 5.94064815 | 13.81 | 24.451 |
| 5.60534722 | 14.47 | 25.4762 | 5.77305556 | 14.35 | 28.1475 | 5.94076389 | 13.82 | 24.4991 |
| 5.60546296 | 14.42 | 28.0526 | 5.7731713 | 14.35 | 28.575 | 5.94087963 | 13.84 | 24.7152 |
| 5.6055787 | 14.45 | 25.0849 | 5.77328704 | 14.35 | 28.3334 | 5.94099537 | 13.84 | 24.6182 |
| 5.60569444 | 14.39 | 30.4793 | 5.77340278 | 14.34 | 28.7663 | 5.94111111 | 13.84 | 24.6596 |
| 5.60581019 | 14.37 | 31.3418 | 5.77351852 | 14.34 | 28.2066 | 5.94122685 | 13.85 | 24.706 |
| 5.60592593 | 14.38 | 31.1124 | 5.77363426 | 14.34 | 27.9602 | 5.94134259 | 13.84 | 24.6652 |
| 5.60604167 | 14.37 | 31.2194 | 5.77375 | 14.32 | 25.5383 | 5.94145833 | 13.84 | 24.6403 |
| 5.60615741 | 14.37 | 31.5616 | 5.77386574 | 14.31 | 20.7909 | 5.94157407 | 13.82 | 24.6226 |
| 5.60627315 | 14.37 | 31.5846 | 5.77398148 | 14.32 | 24.0747 | 5.94168982 | 13.85 | 24.7758 |
| 5.60638889 | 14.37 | 31.3737 | 5.77409722 | 14.32 | 25.026 | 5.94180556 | 13.85 | 24.7366 |
| 5.60650463 | 14.37 | 31.1563 | 5.77421296 | 14.34 | 25.357 | 5.9419213 | 13.85 | 24.6754 |
| 5.60662037 | 14.37 | 31.5431 | 5.7743287 | 14.34 | 25.8779 | 5.94203704 | 13.85 | 24.656 |
| 5.60673611 | 14.38 | 30.2684 | 5.77444444 | 14.34 | 26.209 | 5.94215278 | 13.85 | 24.6671 |
| 5.60685185 | 14.38 | 30.5088 | 5.77456019 | 14.34 | 27.0541 | 5.94226852 | 13.84 | 24.6237 |
| 5.60696759 | 14.38 | 31.1753 | 5.77467593 | 14.34 | 27.2188 | 5.94238426 | 13.84 | 24.5878 |
| 5.60708333 | 14.37 | 31.0041 | 5.77479167 | 14.34 | 26.6147 | 5.9425 | 13.84 | 24.5411 |
| 5.60719907 | 14.37 | 30.9196 | 5.77490741 | 14.34 | 27.1671 | 5.94261574 | 13.81 | 24.5164 |
| 5.60731482 | 14.37 | 31.2285 | 5.77502315 | 14.34 | 28.2288 | 5.94273148 | 13.82 | 24.5264 |
| 5.60743056 | 14.41 | 28.7956 | 5.77513889 | 14.35 | 28.9452 | 5.94284722 | 13.81 | 24.563 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6075463 | 14.37 | 31.3737 | 5.77525463 | 14.34 | 28.9292 | 5.94296296 | 13.82 | 24.5237 |
| 5.60766204 | 14.38 | 30.5782 | 5.77537037 | 14.35 | 28.7975 | 5.9430787 | 13.82 | 24.642 |
| 5.60777778 | 14.39 | 29.5163 | 5.77548611 | 14.34 | 28.4422 | 5.94319444 | 13.81 | 24.5136 |
| 5.60789352 | 14.38 | 30.7177 | 5.77560185 | 14.34 | 23.8535 | 5.94331019 | 13.81 | 24.5055 |
| 5.60800926 | 14.35 | 31.4173 | 5.77571759 | 14.34 | 25.8159 | 5.94342593 | 13.81 | 24.5082 |
| 5.608125 | 14.35 | 30.9533 | 5.77583333 | 14.31 | 23.7209 | 5.94354167 | 13.81 | 24.5109 |
| 5.60824074 | 14.35 | 31.2944 | 5.77594907 | 14.29 | 23.2129 | 5.94365741 | 13.81 | 24.5136 |
| 5.60835648 | 14.35 | 31.3671 | 5.77606482 | 14.32 | 26.1651 | 5.94377315 | 13.79 | 24.4991 |
| 5.60847222 | 14.34 | 31.5584 | 5.77618056 | 14.34 | 28.0333 | 5.94388889 | 13.79 | 24.4854 |
| 5.60858796 | 14.35 | 31.5226 | 5.7762963 | 14.32 | 25.8261 | 5.94400463 | 13.79 | 24.5373 |
| 5.6087037 | 14.34 | 31.6045 | 5.77641204 | 14.25 | 1.0387 | 5.94412037 | 13.79 | 24.5455 |
| 5.60881944 | 14.34 | 31.5124 | 5.77652778 | 14.34 | 28.5064 | 5.94423611 | 13.81 | 24.5547 |
| 5.60893519 | 14.34 | 31.586 | 5.77664352 | 14.34 | 27.9894 | 5.94435185 | 13.81 | 24.5136 |
| 5.60905093 | 14.35 | 31.5088 | 5.77675926 | 14.35 | 28.4311 | 5.94446759 | 13.81 | 24.4945 |
| 5.60916667 | 14.34 | 31.4436 | 5.776875 | 14.32 | 24.6355 | 5.94458333 | 13.79 | 24.4609 |
| 5.60928241 | 14.37 | 26.5219 | 5.77699074 | 14.32 | 26.4093 | 5.94469907 | 13.78 | 24.4673 |
| 5.60939815 | 14.39 | 29.3507 | 5.77710648 | 14.34 | 27.5721 | 5.94481482 | 13.81 | 24.5794 |
| 5.60951389 | 14.44 | 26.3408 | 5.77722222 | 14.34 | 27.0848 | 5.94493056 | 13.78 | 24.4401 |
| 5.60962963 | 14.38 | 30.1116 | 5.77733796 | 14.32 | 26.8045 | 5.9450463 | 13.78 | 24.432 |
| 5.60974537 | 14.37 | 30.5513 | 5.7774537 | 14.32 | 26.5168 | 5.94516204 | 13.78 | 24.4401 |
| 5.60986111 | 14.35 | 30.7942 | 5.77756944 | 14.32 | 26.9965 | 5.94527778 | 13.79 | 24.4827 |
| 5.60997685 | 14.37 | 30.6775 | 5.77768519 | 14.34 | 27.2395 | 5.94539352 | 13.79 | 24.4963 |
| 5.61009259 | 14.37 | 29.394 | 5.77780093 | 14.35 | 28.3747 | 5.94550926 | 13.81 | 24.5602 |
| 5.61020833 | 14.35 | 31.0648 | 5.77791667 | 14.34 | 28.4648 | 5.945625 | 13.81 | 24.5657 |
| 5.61032407 | 14.35 | 31.4036 | 5.77803241 | 14.35 | 28.659 | 5.94574074 | 13.81 | 24.5739 |
| 5.61043982 | 14.39 | 26.2585 | 5.77814815 | 14.34 | 28.8088 | 5.94585648 | 13.81 | 24.5301 |
| 5.61055556 | 14.35 | 31.1589 | 5.77826389 | 14.34 | 27.9275 | 5.94597222 | 13.78 | 24.4673 |
| 5.6106713 | 14.35 | 31.1859 | 5.77837963 | 14.34 | 27.7936 | 5.94608796 | 13.78 | 24.4483 |
| 5.61078704 | 14.35 | 31.1365 | 5.77849537 | 14.35 | 27.9712 | 5.9462037 | 13.78 | 24.4537 |
| 5.61090278 | 14.35 | 30.9889 | 5.77861111 | 14.34 | 27.5155 | 5.94631944 | 13.82 | 24.5978 |
| 5.61101852 | 14.42 | 26.6823 | 5.77872685 | 14.34 | 27.9311 | 5.94643519 | 13.81 | 24.5301 |
| 5.61113426 | 14.37 | 30.9374 | 5.77884259 | 14.34 | 28.1105 | 5.94655093 | 13.79 | 24.4419 |
| 5.61125 | 14.38 | 30.5348 | 5.77895833 | 14.34 | 27.6681 | 5.94666667 | 13.77 | 24.2928 |
| 5.61136574 | 14.37 | 31.1294 | 5.77907407 | 14.32 | 24.9942 | 5.94678241 | 13.78 | 24.3995 |
| 5.61148148 | 14.37 | 30.5253 | 5.77918982 | 14.32 | 25.8633 | 5.94689815 | 13.79 | 24.7 |
| 5.61159722 | 14.39 | 29.3146 | 5.77930556 | 14.34 | 27.4802 | 5.94701389 | 13.78 | 24.3941 |
| 5.61171296 | 14.38 | 29.4267 | 5.7794213 | 14.32 | 26.7212 | 5.94712963 | 13.75 | 24.343 |
| 5.6118287 | 14.42 | 25.8527 | 5.77953704 | 14.32 | 27.6502 | 5.94724537 | 13.75 | 24.2893 |
| 5.61194444 | 14.39 | 29.5814 | 5.77965278 | 14.34 | 27.4345 | 5.94736111 | 13.77 | 24.4302 |
| 5.61206019 | 14.38 | 30.4656 | 5.77976852 | 14.34 | 27.8008 | 5.94747685 | 13.77 | 24.3707 |
| 5.61217593 | 14.39 | 29.5895 | 5.77988426 | 14.34 | 28.5748 | 5.94759259 | 13.77 | 24.3707 |
| 5.61229167 | 14.39 | 29.4798 | 5.78 | 14.35 | 28.5979 | 5.94770833 | 13.75 | 24.2867 |
| 5.61240741 | 14.39 | 29.3427 | 5.78011574 | 14.35 | 28.5067 | 5.94782407 | 13.74 | 24.2689 |
| 5.61252315 | 14.38 | 30.1411 | 5.78023148 | 14.34 | 28.5368 | 5.94793982 | 13.75 | 24.3618 |
| 5.61263889 | 14.37 | 30.9108 | 5.78034722 | 14.35 | 28.5256 | 5.94805556 | 13.75 | 24.292 |
| 5.61275463 | 14.37 | 30.7038 | 5.78046296 | 14.35 | 28.5332 | 5.9481713 | 13.74 | 24.2769 |
| 5.61287037 | 14.42 | 27.6969 | 5.7805787 | 14.34 | 28.5748 | 5.94828704 | 13.72 | 24.2602 |
| 5.61298611 | 14.42 | 26.679 | 5.78069444 | 14.35 | 28.6055 | 5.94840278 | 13.75 | 24.3726 |
| 5.61310185 | 14.38 | 30.6784 | 5.78081019 | 14.34 | 28.533 | 5.94851852 | 13.75 | 24.343 |
| 5.61321759 | 14.35 | 31.0961 | 5.78092593 | 14.35 | 28.5105 | 5.94863426 | 13.77 | 24.3707 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61333333 | 14.41 | 27.0873 | 5.78104167 | 14.35 | 28.6514 | 5.94875 | 13.77 | 24.3438 |
| 5.61344907 | 14.41 | 27.8047 | 5.78115741 | 14.35 | 28.5446 | 5.94886574 | 13.77 | 24.3653 |
| 5.61356482 | 14.38 | 30.0737 | 5.78127315 | 14.34 | 28.5558 | 5.94898148 | 13.77 | 24.3492 |
| 5.61368056 | 14.38 | 30.6304 | 5.78138889 | 14.34 | 28.5862 | 5.94909722 | 13.77 | 24.3492 |
| 5.6137963 | 14.35 | 31.3035 | 5.78150463 | 14.34 | 28.5064 | 5.94921296 | 13.75 | 24.3054 |
| 5.61391204 | 14.35 | 31.4997 | 5.78162037 | 14.34 | 28.0187 | 5.9493287 | 13.74 | 24.2689 |
| 5.61402778 | 14.35 | 31.4081 | 5.78173611 | 14.34 | 28.6856 | 5.94944444 | 13.75 | 24.284 |
| 5.61414352 | 14.37 | 29.8849 | 5.78185185 | 14.35 | 28.732 | 5.94956019 | 13.74 | 24.3144 |
| 5.61425926 | 14.39 | 28.974 | 5.78196759 | 14.35 | 28.5712 | 5.94967593 | 13.74 | 24.293 |
| 5.614375 | 14.37 | 31.0443 | 5.78208333 | 14.35 | 28.5903 | 5.94979167 | 13.75 | 24.268 |
| 5.61449074 | 14.37 | 30.9863 | 5.78219907 | 14.35 | 28.5446 | 5.94990741 | 13.74 | 24.2823 |
| 5.61460648 | 14.35 | 31.3944 | 5.78231482 | 14.35 | 28.4726 | 5.95002315 | 13.75 | 24.3215 |
| 5.61472222 | 14.35 | 31.2944 | 5.78243056 | 14.34 | 28.5596 | 5.95013889 | 13.77 | 24.2928 |
| 5.61483796 | 14.34 | 31.5032 | 5.7825463 | 14.35 | 28.7435 | 5.95025463 | 13.75 | 24.2974 |
| 5.6149537 | 14.34 | 31.563 | 5.78266204 | 14.35 | 28.5105 | 5.95037037 | 13.75 | 24.2466 |
| 5.61506944 | 14.34 | 31.6461 | 5.78277778 | 14.35 | 28.5105 | 5.95048611 | 13.74 | 24.2556 |
| 5.61518519 | 14.34 | 31.5999 | 5.78289352 | 14.34 | 28.832 | 5.95060185 | 13.74 | 24.2263 |
| 5.61530093 | 14.35 | 31.5594 | 5.78300926 | 14.35 | 29.2489 | 5.95071759 | 13.74 | 24.2183 |
| 5.61541667 | 14.34 | 31.6045 | 5.783125 | 14.35 | 28.9413 | 5.95083333 | 13.74 | 24.2103 |
| 5.61553241 | 14.34 | 31.6276 | 5.78324074 | 14.35 | 29.0667 | 5.95094907 | 13.72 | 24.1805 |
| 5.61564815 | 14.35 | 31.5732 | 5.78335648 | 14.35 | 28.4764 | 5.95106482 | 13.72 | 24.1672 |
| 5.61576389 | 14.37 | 31.3555 | 5.78347222 | 14.35 | 28.9257 | 5.95118056 | 13.72 | 24.199 |
| 5.61587963 | 14.38 | 31.2611 | 5.78358796 | 14.35 | 28.996 | 5.9512963 | 13.74 | 24.1918 |
| 5.61599537 | 14.37 | 31.2511 | 5.7837037 | 14.32 | 26.0101 | 5.95141204 | 13.72 | 24.1884 |
| 5.61611111 | 14.37 | 30.6513 | 5.78381944 | 14.34 | 28.0737 | 5.95152778 | 13.72 | 24.1831 |
| 5.61622685 | 14.35 | 31.3716 | 5.78393519 | 14.34 | 27.6752 | 5.95164352 | 13.72 | 24.1884 |
| 5.61634259 | 14.35 | 31.3398 | 5.78405093 | 14.32 | 26.5692 | 5.95175926 | 13.74 | 24.2422 |
| 5.61645833 | 14.37 | 30.4562 | 5.78416667 | 14.34 | 28.6358 | 5.951875 | 13.74 | 24.2396 |
| 5.61657407 | 14.38 | 30.5695 | 5.78428241 | 14.35 | 28.4198 | 5.95199074 | 13.72 | 24.2176 |
| 5.61668982 | 14.39 | 29.5854 | 5.78439815 | 14.32 | 26.8012 | 5.95210648 | 13.74 | 24.2263 |
| 5.61680556 | 14.37 | 30.6295 | 5.78451389 | 14.29 | 24.3335 | 5.95222222 | 13.74 | 24.2422 |
| 5.6169213 | 14.38 | 30.5304 | 5.78462963 | 14.31 | 26.5072 | 5.95233796 | 13.74 | 24.205 |
| 5.61703704 | 14.44 | 29.1494 | 5.78474537 | 14.34 | 27.9057 | 5.9524537 | 13.72 | 24.2389 |
| 5.61715278 | 14.38 | 30.7528 | 5.78486111 | 14.34 | 27.417 | 5.95256944 | 13.75 | 24.2546 |
| 5.61726852 | 14.39 | 30.4707 | 5.78497685 | 14.32 | 27.1056 | 5.95268519 | 13.74 | 24.2316 |
| 5.61738426 | 14.37 | 31.098 | 5.78509259 | 14.31 | 26.6024 | 5.95280093 | 13.74 | 24.2183 |
| 5.6175 | 14.35 | 31.1724 | 5.78520833 | 14.32 | 26.612 | 5.95291667 | 13.74 | 24.2556 |
| 5.61761574 | 14.37 | 29.2657 | 5.78532407 | 14.28 | 24.1182 | 5.95303241 | 13.75 | 24.276 |
| 5.61773148 | 14.37 | 29.939 | 5.78543982 | 14.32 | 27.4874 | 5.95314815 | 13.75 | 24.2546 |
| 5.61784722 | 14.41 | 27.3292 | 5.78555556 | 14.29 | 25.1444 | 5.95326389 | 13.74 | 24.2024 |
| 5.61796296 | 14.35 | 31.4767 | 5.7856713 | 14.31 | 26.2357 | 5.95337963 | 13.74 | 24.205 |
| 5.6180787 | 14.37 | 30.8886 | 5.78578704 | 14.31 | 26.9392 | 5.95349537 | 13.74 | 24.1918 |
| 5.61819444 | 14.34 | 31.2527 | 5.78590278 | 14.21 | 15.3994 | 5.95361111 | 13.74 | 24.1838 |
| 5.61831019 | 14.34 | 31.5722 | 5.78601852 | 14.27 | 25.2898 | 5.95372685 | 13.74 | 24.1918 |
| 5.61842593 | 14.34 | 31.54 | 5.78613426 | 14.28 | 24.3535 | 5.95384259 | 13.74 | 24.2183 |
| 5.61854167 | 14.34 | 31.4391 | 5.78625 | 14.25 | 19.5243 | 5.95395833 | 13.75 | 24.2786 |
| 5.61865741 | 14.32 | 31.681 | 5.78636574 | 14.29 | 25.0309 | 5.95407407 | 13.78 | 24.3725 |
| 5.61877315 | 14.34 | 31.6831 | 5.78648148 | 14.31 | 25.0644 | 5.95418982 | 13.77 | 24.3276 |
| 5.61888889 | 14.34 | 31.6831 | 5.78659722 | 14.22 | 16.9313 | 5.95430556 | 13.75 | 24.2546 |
| 5.61900463 | 14.34 | 31.6137 | 5.78671296 | 14.19 | 16.336 | 5.9544213 | 13.75 | 24.2466 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.61912037 | 14.34 | 31.5906 | 5.7868287 | 14.27 | 23.6167 | 5.95453704 | 13.75 | 24.2333 |
| 5.61923611 | 14.34 | 31.6091 | 5.78694444 | 14.29 | 26.1376 | 5.95465278 | 13.77 | 24.2287 |
| 5.61935185 | 14.34 | 31.6507 | 5.78706019 | 14.34 | 28.0296 | 5.95476852 | 13.74 | 24.2183 |
| 5.61946759 | 14.34 | 31.6091 | 5.78717593 | 14.32 | 27.7863 | 5.95488426 | 13.74 | 24.2024 |
| 5.61958333 | 14.34 | 31.5999 | 5.78729167 | 14.31 | 26.0672 | 5.955 | 13.75 | 24.2413 |
| 5.61969907 | 14.34 | 31.6137 | 5.78740741 | 14.29 | 23.9262 | 5.95511574 | 13.77 | 24.3492 |
| 5.61981482 | 14.32 | 31.5977 | 5.78752315 | 14.28 | 22.5844 | 5.95523148 | 13.77 | 24.2981 |
| 5.61993056 | 14.32 | 31.681 | 5.78763889 | 14.29 | 25.4466 | 5.95534722 | 13.77 | 24.3196 |
| 5.6200463 | 14.35 | 30.9046 | 5.78775463 | 14.32 | 26.8447 | 5.95546296 | 13.78 | 24.3617 |
| 5.62016204 | 14.37 | 29.8351 | 5.78787037 | 14.32 | 27.2017 | 5.9555787 | 13.78 | 24.3779 |
| 5.62027778 | 14.35 | 30.6018 | 5.78798611 | 14.34 | 29.3364 | 5.95569444 | 13.78 | 24.4049 |
| 5.62039352 | 14.34 | 30.9214 | 5.78810185 | 14.35 | 28.2253 | 5.95581019 | 13.78 | 24.3509 |
| 5.62050926 | 14.42 | 24.7213 | 5.78821759 | 14.34 | 28.8011 | 5.95592593 | 13.77 | 24.3223 |
| 5.620625 | 14.37 | 30.289 | 5.78833333 | 14.35 | 29.5711 | 5.95604167 | 13.77 | 24.2714 |
| 5.62074074 | 14.38 | 29.8356 | 5.78844907 | 14.32 | 26.2962 | 5.95615741 | 13.75 | 24.2094 |
| 5.62085648 | 14.38 | 29.7036 | 5.78856482 | 14.31 | 24.9717 | 5.95627315 | 13.77 | 24.2554 |
| 5.62097222 | 14.37 | 30.0142 | 5.78868056 | 14.29 | 26.5832 | 5.95638889 | 13.78 | 24.3375 |
| 5.62108796 | 14.39 | 28.8375 | 5.7887963 | 14.29 | 26.2172 | 5.95650463 | 13.77 | 24.2634 |
| 5.6212037 | 14.39 | 28.6372 | 5.78891204 | 14.27 | 22.1688 | 5.95662037 | 13.75 | 24.268 |
| 5.62131944 | 14.41 | 29.0454 | 5.78902778 | 14.28 | 24.616 | 5.95673611 | 13.77 | 24.2473 |
| 5.62143519 | 14.39 | 29.1512 | 5.78914352 | 14.32 | 27.7899 | 5.95685185 | 13.77 | 24.2634 |
| 5.62155093 | 14.35 | 30.9356 | 5.78925926 | 14.27 | 21.6423 | 5.95696759 | 13.78 | 24.3509 |
| 5.62166667 | 14.35 | 30.9934 | 5.789375 | 14.32 | 28.6735 | 5.95708333 | 13.78 | 24.3348 |
| 5.62178241 | 14.35 | 31.0782 | 5.78949074 | 14.32 | 27.2293 | 5.95719907 | 13.78 | 24.2999 |
| 5.62189815 | 14.37 | 29.0951 | 5.78960648 | 14.32 | 27.7253 | 5.95731482 | 13.77 | 24.2687 |
| 5.62201389 | 14.37 | 29.0281 | 5.78972222 | 14.31 | 27.0205 | 5.95743056 | 13.77 | 24.2687 |
| 5.62212963 | 14.42 | 27.7112 | 5.78983796 | 14.29 | 25.0309 | 5.9575463 | 13.77 | 24.2901 |
| 5.62224537 | 14.38 | 29.2781 | 5.7899537 | 14.29 | 25.5672 | 5.95766204 | 13.78 | 24.2704 |
| 5.62236111 | 14.35 | 30.9934 | 5.79006944 | 14.27 | 21.8696 | 5.95777778 | 13.78 | 24.2784 |
| 5.62247685 | 14.32 | 31.3232 | 5.79018519 | 14.29 | 25.8677 | 5.95789352 | 13.78 | 24.3563 |
| 5.62259259 | 14.32 | 31.5287 | 5.79030093 | 14.31 | 26.7181 | 5.95800926 | 13.79 | 24.3527 |
| 5.62270833 | 14.32 | 31.3732 | 5.79041667 | 14.32 | 28.4267 | 5.958125 | 13.81 | 24.3131 |
| 5.62282407 | 14.32 | 31.6023 | 5.79053241 | 14.34 | 27.9456 | 5.95824074 | 13.79 | 24.3661 |
| 5.62293982 | 14.31 | 31.6984 | 5.79064815 | 14.34 | 28.9253 | 5.95835648 | 13.79 | 24.3365 |
| 5.62305556 | 14.32 | 31.7227 | 5.79076389 | 14.34 | 28.2549 | 5.95847222 | 13.79 | 24.3204 |
| 5.6231713 | 14.32 | 31.6208 | 5.79087963 | 14.34 | 27.2257 | 5.95858796 | 13.81 | 24.367 |
| 5.62328704 | 14.32 | 31.6949 | 5.79099537 | 14.34 | 28.8243 | 5.9587037 | 13.81 | 24.5027 |
| 5.62340278 | 14.31 | 31.7077 | 5.79111111 | 14.32 | 27.7074 | 5.95881944 | 13.79 | 24.4664 |
| 5.62351852 | 14.31 | 31.6984 | 5.79122685 | 14.28 | 24.6077 | 5.95893519 | 13.79 | 24.4229 |
| 5.62363426 | 14.32 | 31.6995 | 5.79134259 | 14.29 | 25.0512 | 5.95905093 | 13.78 | 24.3995 |
| 5.62375 | 14.32 | 31.6439 | 5.79145833 | 14.28 | 24.9248 | 5.95916667 | 13.78 | 24.3833 |
| 5.62386574 | 14.32 | 31.6439 | 5.79157407 | 14.29 | 25.4496 | 5.95928241 | 13.78 | 24.4211 |
| 5.62398148 | 14.32 | 31.6439 | 5.79168982 | 14.28 | 25.3605 | 5.95939815 | 13.78 | 24.3941 |
| 5.62409722 | 14.32 | 31.6763 | 5.79180556 | 14.28 | 25.7878 | 5.95951389 | 13.78 | 24.3698 |
| 5.62421296 | 14.31 | 31.629 | 5.7919213 | 14.25 | 23.2146 | 5.95962963 | 13.78 | 24.3563 |
| 5.6243287 | 14.32 | 31.6485 | 5.79203704 | 14.27 | 24.3134 | 5.95974537 | 13.78 | 24.3213 |
| 5.62444444 | 14.32 | 31.681 | 5.79215278 | 14.27 | 23.7066 | 5.95986111 | 13.77 | 24.325 |
| 5.62456019 | 14.31 | 31.7356 | 5.79226852 | 14.27 | 25.3402 | 5.95997685 | 13.78 | 24.3375 |
| 5.62467593 | 14.31 | 31.6984 | 5.79238426 | 14.28 | 24.8618 | 5.96009259 | 13.78 | 24.3133 |
| 5.62479167 | 14.31 | 31.6799 | 5.7925 | 14.28 | 26.8456 | 5.96020833 | 13.77 | 24.2981 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.62490741 | 14.31 | 31.6706 | 5.79261574 | 14.28 | 24.5519 | 5.96032407 | 13.77 | 24.2741 |
| 5.62502315 | 14.32 | 31.6856 | 5.79273148 | 14.25 | 24.2607 | 5.96043982 | 13.75 | 24.2653 |
| 5.62513889 | 14.32 | 31.6949 | 5.79284722 | 14.27 | 24.9399 | 5.96055556 | 13.75 | 24.2573 |
| 5.62525463 | 14.32 | 31.6439 | 5.79296296 | 14.27 | 24.8825 | 5.9606713 | 13.75 | 24.268 |
| 5.62537037 | 14.32 | 31.6347 | 5.7930787 | 14.27 | 24.8625 | 5.96078704 | 13.77 | 24.2607 |
| 5.62548611 | 14.34 | 31.5446 | 5.79319444 | 14.27 | 25.0438 | 5.96090278 | 13.75 | 24.2813 |
| 5.62560185 | 14.34 | 31.5354 | 5.79331019 | 14.24 | 24.1296 | 5.96101852 | 13.77 | 24.2554 |
| 5.62571759 | 14.34 | 31.494 | 5.79342593 | 14.25 | 24.7052 | 5.96113426 | 13.75 | 24.2573 |
| 5.62583333 | 14.34 | 31.4711 | 5.79354167 | 14.27 | 25.1281 | 5.96125 | 13.75 | 24.2893 |
| 5.62594907 | 14.34 | 31.4574 | 5.79365741 | 14.25 | 25.395 | 5.96136574 | 13.77 | 24.2767 |
| 5.62606482 | 14.34 | 31.4757 | 5.79377315 | 14.27 | 25.9684 | 5.96148148 | 13.77 | 24.3276 |
| 5.62618056 | 14.34 | 31.5768 | 5.79388889 | 14.28 | 26.0716 | 5.96159722 | 13.78 | 24.3914 |
| 5.6262963 | 14.32 | 31.5839 | 5.79400463 | 14.27 | 26.0846 | 5.96171296 | 13.79 | 24.4991 |
| 5.62641204 | 14.34 | 31.4254 | 5.79412037 | 14.27 | 25.5319 | 5.9618287 | 13.79 | 24.4283 |
| 5.62652778 | 14.34 | 31.4528 | 5.79423611 | 14.25 | 25.4488 | 5.96194444 | 13.84 | 24.8187 |
| 5.62664352 | 14.34 | 31.4071 | 5.79435185 | 14.25 | 25.6087 | 5.96206019 | 13.85 | 24.8601 |
| 5.62675926 | 14.32 | 31.6023 | 5.79446759 | 14.25 | 25.6849 | 5.96217593 | 13.85 | 24.706 |
| 5.626875 | 14.32 | 31.681 | 5.79458333 | 14.24 | 25.6123 | 5.96229167 | 13.85 | 24.801 |
| 5.62699074 | 14.32 | 31.6485 | 5.79469907 | 14.25 | 25.8324 | 5.96240741 | 13.84 | 24.6375 |
| 5.62710648 | 14.32 | 31.6162 | 5.79481482 | 14.25 | 26.1456 | 5.96252315 | 13.79 | 24.2668 |
| 5.62722222 | 14.32 | 31.6023 | 5.79493056 | 14.25 | 25.7707 | 5.96263889 | 13.78 | 24.2892 |
| 5.62733796 | 14.32 | 31.5287 | 5.7950463 | 14.27 | 26.2563 | 5.96275463 | 13.79 | 24.3392 |
| 5.6274537 | 14.32 | 31.6856 | 5.79516204 | 14.27 | 25.9184 | 5.96287037 | 13.78 | 24.3294 |
| 5.62756944 | 14.32 | 31.5333 | 5.79527778 | 14.29 | 28.3886 | 5.96298611 | 13.78 | 24.3321 |
| 5.62768519 | 14.31 | 31.7356 | 5.79539352 | 14.29 | 27.6396 | 5.96310185 | 13.79 | 24.4067 |
| 5.62780093 | 14.31 | 31.5001 | 5.79550926 | 14.29 | 29.2384 | 5.96321759 | 13.79 | 24.4854 |
| 5.62791667 | 14.29 | 31.7241 | 5.795625 | 14.29 | 28.6269 | 5.96333333 | 13.79 | 24.2989 |
| 5.62803241 | 14.31 | 31.4589 | 5.79574074 | 14.31 | 28.835 | 5.96344907 | 13.78 | 24.2704 |
| 5.62814815 | 14.32 | 31.1831 | 5.79585648 | 14.29 | 28.3473 | 5.96356482 | 13.78 | 24.2331 |
| 5.62826389 | 14.34 | 30.5706 | 5.79597222 | 14.31 | 27.7252 | 5.96368056 | 13.78 | 24.2544 |
| 5.62837963 | 14.32 | 30.7303 | 5.79608796 | 14.31 | 28.7886 | 5.9637963 | 13.78 | 24.2544 |
| 5.62849537 | 14.34 | 30.6969 | 5.7962037 | 14.31 | 28.8815 | 5.96391204 | 13.78 | 24.2651 |
| 5.62861111 | 14.35 | 30.2876 | 5.79631944 | 14.29 | 28.4525 | 5.96402778 | 13.78 | 24.2118 |
| 5.62872685 | 14.34 | 30.9702 | 5.79643519 | 14.31 | 29.1243 | 5.96414352 | 13.78 | 24.3617 |
| 5.62884259 | 14.34 | 30.9258 | 5.79655093 | 14.31 | 28.8273 | 5.96425926 | 13.79 | 24.5209 |
| 5.62895833 | 14.41 | 25.9374 | 5.79666667 | 14.29 | 29.2703 | 5.964375 | 13.81 | 24.5739 |
| 5.62907407 | 14.35 | 30.3431 | 5.79678241 | 14.29 | 29.3342 | 5.96449074 | 13.81 | 24.5383 |
| 5.62918982 | 14.39 | 27.8951 | 5.79689815 | 14.28 | 28.543 | 5.96460648 | 13.81 | 24.3805 |
| 5.62930556 | 14.34 | 31.046 | 5.79701389 | 14.29 | 29.487 | 5.96472222 | 13.82 | 24.4745 |
| 5.6294213 | 14.32 | 31.1831 | 5.79712963 | 14.29 | 29.3222 | 5.96483796 | 13.79 | 24.4121 |
| 5.62953704 | 14.35 | 30.0927 | 5.79724537 | 14.28 | 28.3285 | 5.9649537 | 13.78 | 24.1879 |
| 5.62965278 | 14.34 | 31.0638 | 5.79736111 | 14.28 | 28.7223 | 5.96506944 | 13.78 | 24.2331 |
| 5.62976852 | 14.35 | 31.0112 | 5.79747685 | 14.28 | 28.3921 | 5.96518519 | 13.79 | 24.3958 |
| 5.62988426 | 14.34 | 31.2436 | 5.79759259 | 14.28 | 28.543 | 5.96530093 | 13.79 | 24.5072 |
| 5.63 | 14.34 | 31.0103 | 5.79770833 | 14.28 | 28.2614 | 5.96541667 | 13.78 | 24.3698 |
| 5.63011574 | 14.34 | 31.2391 | 5.79782407 | 14.31 | 29.7203 | 5.96553241 | 13.78 | 24.3779 |
| 5.63023148 | 14.34 | 31.1535 | 5.79793982 | 14.31 | 29.8316 | 5.96564815 | 13.79 | 24.4256 |
| 5.63034722 | 14.35 | 31.1904 | 5.79805556 | 14.31 | 29.9937 | 5.96576389 | 13.79 | 24.6115 |
| 5.63046296 | 14.35 | 31.132 | 5.7981713 | 14.31 | 30.0691 | 5.96587963 | 13.81 | 24.6346 |
| 5.6305787 | 14.37 | 31.0935 | 5.79828704 | 14.29 | 30.0889 | 5.96599537 | 13.79 | 24.6473 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63069444 | 14.35 | 31.1544 | 5.79840278 | 14.31 | 30.107 | 5.96611111 | 13.79 | 24.5154 |
| 5.63081019 | 14.35 | 31.2899 | 5.79851852 | 14.29 | 30.0931 | 5.96622685 | 13.79 | 24.5236 |
| 5.63092593 | 14.32 | 31.5885 | 5.79863426 | 14.29 | 29.785 | 5.96634259 | 13.79 | 24.5346 |
| 5.63104167 | 14.34 | 31.2527 | 5.79875 | 14.31 | 29.952 | 5.96645833 | 13.79 | 24.4636 |
| 5.63115741 | 14.35 | 31.0335 | 5.79886574 | 14.29 | 30.0553 | 5.96657407 | 13.79 | 24.551 |
| 5.63127315 | 14.35 | 31.0692 | 5.79898148 | 14.29 | 30.1647 | 5.96668982 | 13.79 | 24.5812 |
| 5.63138889 | 14.35 | 30.9578 | 5.79909722 | 14.29 | 30.1647 | 5.96680556 | 13.79 | 24.5757 |
| 5.63150463 | 14.37 | 30.6513 | 5.79921296 | 14.31 | 30.166 | 5.9669213 | 13.79 | 24.6032 |
| 5.63162037 | 14.37 | 30.7652 | 5.7993287 | 14.29 | 30.1774 | 5.96703704 | 13.79 | 24.5647 |
| 5.63173611 | 14.35 | 30.8736 | 5.79944444 | 14.31 | 30.1618 | 5.96715278 | 13.79 | 24.4936 |
| 5.63185185 | 14.34 | 30.8683 | 5.79956019 | 14.31 | 30.1491 | 5.96726852 | 13.79 | 24.6032 |
| 5.63196759 | 14.35 | 30.3902 | 5.79967593 | 14.29 | 30.0847 | 5.96738426 | 13.81 | 24.7484 |
| 5.63208333 | 14.42 | 24.6282 | 5.79979167 | 14.29 | 30.0427 | 5.9675 | 13.81 | 24.7289 |
| 5.63219907 | 14.41 | 28.5613 | 5.79990741 | 14.29 | 30.0889 | 5.96761574 | 13.81 | 24.6844 |
| 5.63231482 | 14.44 | 24.7512 | 5.80002315 | 14.29 | 30.0427 | 5.96773148 | 13.81 | 24.701 |
| 5.63243056 | 14.42 | 26.4551 | 5.80013889 | 14.29 | 30.0847 | 5.96784722 | 13.81 | 24.7456 |
| 5.6325463 | 14.38 | 29.4874 | 5.80025463 | 14.31 | 29.9728 | 5.96796296 | 13.81 | 24.7177 |
| 5.63266204 | 14.44 | 28.2865 | 5.80037037 | 14.31 | 29.8233 | 5.9680787 | 13.81 | 24.6872 |
| 5.63277778 | 14.48 | 20.4852 | 5.80048611 | 14.31 | 29.7944 | 5.96819444 | 13.81 | 24.5822 |
| 5.63289352 | 14.37 | 29.2577 | 5.80060185 | 14.31 | 29.7244 | 5.96831019 | 13.79 | 24.404 |
| 5.63300926 | 14.41 | 28.2747 | 5.80071759 | 14.31 | 29.8771 | 5.96842593 | 13.77 | 24.1888 |
| 5.633125 | 14.44 | 24.8282 | 5.80083333 | 14.31 | 30.1238 | 5.96854167 | 13.77 | 24.1809 |
| 5.63324074 | 14.37 | 30.2805 | 5.80094907 | 14.31 | 30.1196 | 5.96865741 | 13.77 | 24.1756 |
| 5.63335648 | 14.42 | 25.772 | 5.80106482 | 14.31 | 30.0649 | 5.96877315 | 13.78 | 24.1613 |
| 5.63347222 | 14.39 | 29.1869 | 5.80118056 | 14.31 | 30.128 | 5.96888889 | 13.78 | 24.1879 |
| 5.63358796 | 14.38 | 29.8688 | 5.8012963 | 14.31 | 29.927 | 5.96900463 | 13.77 | 24.1941 |
| 5.6337037 | 14.38 | 30.2216 | 5.80141204 | 14.31 | 29.8522 | 5.96912037 | 13.78 | 24.1455 |
| 5.63381944 | 14.38 | 29.7901 | 5.80152778 | 14.32 | 29.857 | 5.96923611 | 13.78 | 24.2758 |
| 5.63393519 | 14.37 | 30.5167 | 5.80164352 | 14.31 | 29.6998 | 5.96935185 | 13.78 | 24.1825 |
| 5.63405093 | 14.35 | 30.8869 | 5.80175926 | 14.31 | 29.5569 | 5.96946759 | 13.78 | 24.2011 |
| 5.63416667 | 14.37 | 30.8268 | 5.801875 | 14.31 | 30.0607 | 5.96958333 | 13.78 | 24.1746 |
| 5.63428241 | 14.37 | 30.8665 | 5.80199074 | 14.31 | 29.7779 | 5.96969907 | 13.78 | 24.1428 |
| 5.63439815 | 14.37 | 30.9196 | 5.80210648 | 14.31 | 29.8771 | 5.96981482 | 13.78 | 24.1296 |
| 5.63451389 | 14.35 | 31.0603 | 5.80222222 | 14.31 | 29.1085 | 5.96993056 | 13.77 | 24.1306 |
| 5.63462963 | 14.35 | 31.0513 | 5.80233796 | 14.31 | 29.2711 | 5.9700463 | 13.78 | 24.1534 |
| 5.63474537 | 14.35 | 31.029 | 5.8024537 | 14.31 | 29.0691 | 5.97016204 | 13.78 | 24.2251 |
| 5.63486111 | 14.37 | 30.9685 | 5.80256944 | 14.31 | 29.7326 | 5.97027778 | 13.78 | 24.1932 |
| 5.63497685 | 14.35 | 31.1095 | 5.80268519 | 14.29 | 29.2822 | 5.97039352 | 13.78 | 24.1799 |
| 5.63509259 | 14.37 | 30.9507 | 5.80280093 | 14.31 | 29.307 | 5.97050926 | 13.78 | 24.2331 |
| 5.63520833 | 14.37 | 30.8709 | 5.80291667 | 14.31 | 29.2273 | 5.970625 | 13.78 | 24.3833 |
| 5.63532407 | 14.37 | 30.8444 | 5.80303241 | 14.31 | 29.7367 | 5.97074074 | 13.78 | 24.324 |
| 5.63543982 | 14.34 | 31.3479 | 5.80314815 | 14.31 | 29.1995 | 5.97085648 | 13.79 | 24.4936 |
| 5.63555556 | 14.34 | 31.5032 | 5.80326389 | 14.31 | 29.7285 | 5.97097222 | 13.78 | 24.2731 |
| 5.6356713 | 14.35 | 31.0558 | 5.80337963 | 14.29 | 29.3462 | 5.97108796 | 13.79 | 24.5757 |
| 5.63578704 | 14.35 | 30.8648 | 5.80349537 | 14.29 | 29.4184 | 5.9712037 | 13.79 | 24.6473 |
| 5.63590278 | 14.32 | 31.305 | 5.80361111 | 14.29 | 29.2583 | 5.97131944 | 13.79 | 24.4936 |
| 5.63601852 | 14.37 | 30.3917 | 5.80372685 | 14.29 | 29.1078 | 5.97143519 | 13.79 | 24.4909 |
| 5.63613426 | 14.39 | 29.0407 | 5.80384259 | 14.29 | 29.1631 | 5.97155093 | 13.79 | 24.6473 |
| 5.63625 | 14.39 | 29.175 | 5.80395833 | 14.29 | 29.1196 | 5.97166667 | 13.79 | 24.7892 |
| 5.63636574 | 14.37 | 30.0941 | 5.80407407 | 14.29 | 29.2424 | 5.97178241 | 13.79 | 24.8256 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.63648148 | 14.38 | 29.1192 | 5.80418982 | 14.31 | 29.307 | 5.97189815 | 13.81 | 24.8746 |
| 5.63659722 | 14.41 | 27.4589 | 5.80430556 | 14.31 | 29.339 | 5.97201389 | 13.81 | 24.7931 |
| 5.63671296 | 14.38 | 29.4793 | 5.8044213 | 14.31 | 29.2353 | 5.97212963 | 13.79 | 24.6446 |
| 5.6368287 | 14.37 | 30.3104 | 5.80453704 | 14.31 | 29.299 | 5.97224537 | 13.81 | 24.5959 |
| 5.63694444 | 14.39 | 28.4244 | 5.80465278 | 14.31 | 29.3912 | 5.97236111 | 13.81 | 24.9965 |
| 5.63706019 | 14.39 | 28.5913 | 5.80476852 | 14.31 | 29.315 | 5.97247685 | 13.82 | 25.0357 |
| 5.63717593 | 14.41 | 26.9408 | 5.80488426 | 14.29 | 29.3302 | 5.97259259 | 13.81 | 24.9255 |
| 5.63729167 | 14.37 | 30.3703 | 5.805 | 14.29 | 29.2982 | 5.97270833 | 13.79 | 24.5867 |
| 5.63740741 | 14.45 | 24.517 | 5.80511574 | 14.29 | 29.2862 | 5.97282407 | 13.78 | 24.3752 |
| 5.63752315 | 14.42 | 27.4624 | 5.80523148 | 14.28 | 29.0798 | 5.97293982 | 13.79 | 24.8032 |
| 5.63763889 | 14.44 | 26.6487 | 5.80534722 | 14.28 | 28.9584 | 5.97305556 | 13.79 | 24.4609 |
| 5.63775463 | 14.42 | 26.6657 | 5.80546296 | 14.28 | 28.8767 | 5.9731713 | 13.78 | 24.2918 |
| 5.63787037 | 14.45 | 25.617 | 5.8055787 | 14.28 | 28.9467 | 5.97328704 | 13.77 | 24.2767 |
| 5.63798611 | 14.44 | 25.9112 | 5.80569444 | 14.28 | 29.0249 | 5.97340278 | 13.77 | 24.25 |
| 5.63810185 | 14.42 | 27.629 | 5.80581019 | 14.29 | 29.2027 | 5.97351852 | 13.77 | 24.1782 |
| 5.63821759 | 14.42 | 27.3187 | 5.80592593 | 14.27 | 29.0167 | 5.97363426 | 13.77 | 24.2048 |
| 5.63833333 | 14.44 | 26.0876 | 5.80604167 | 14.29 | 29.3302 | 5.97375 | 13.75 | 24.212 |
| 5.63844907 | 14.44 | 25.691 | 5.80615741 | 14.32 | 29.4642 | 5.97386574 | 13.77 | 24.1809 |
| 5.63856482 | 14.45 | 24.029 | 5.80627315 | 14.32 | 29.5411 | 5.97398148 | 13.77 | 24.1438 |
| 5.63868056 | 14.42 | 27.012 | 5.80638889 | 14.32 | 29.6593 | 5.97409722 | 13.77 | 24.157 |
| 5.6387963 | 14.42 | 27.3816 | 5.80650463 | 14.24 | 27.9015 | 5.97421296 | 13.77 | 24.165 |
| 5.63891204 | 14.42 | 27.5189 | 5.80662037 | 14.25 | 28.7139 | 5.9743287 | 13.77 | 24.266 |
| 5.63902778 | 14.41 | 28.4702 | 5.80673611 | 14.25 | 28.5841 | 5.97444444 | 13.77 | 24.2287 |
| 5.63914352 | 14.39 | 28.7949 | 5.80685185 | 14.24 | 28.5157 | 5.97456019 | 13.77 | 24.2874 |
| 5.63925926 | 14.39 | 30.3546 | 5.80696759 | 14.24 | 28.298 | 5.97467593 | 13.77 | 24.2874 |
| 5.639375 | 14.39 | 30.0533 | 5.80708333 | 14.21 | 27.8148 | 5.97479167 | 13.77 | 24.3545 |
| 5.63949074 | 14.37 | 30.5513 | 5.80719907 | 14.19 | 27.7861 | 5.97490741 | 13.77 | 24.3196 |
| 5.63960648 | 14.38 | 30.5651 | 5.80731482 | 14.22 | 27.9958 | 5.97502315 | 13.77 | 24.3276 |
| 5.63972222 | 14.37 | 30.7257 | 5.80743056 | 14.22 | 27.9631 | 5.97513889 | 13.75 | 24.3618 |
| 5.63983796 | 14.38 | 30.371 | 5.8075463 | 14.22 | 28.0359 | 5.97525463 | 13.78 | 24.4374 |
| 5.6399537 | 14.37 | 30.6644 | 5.80766204 | 14.21 | 27.7933 | 5.97537037 | 13.77 | 24.2767 |
| 5.64006944 | 14.37 | 30.5774 | 5.80777778 | 14.19 | 27.4252 | 5.97548611 | 13.77 | 24.3115 |
| 5.64018519 | 14.37 | 30.336 | 5.80789352 | 14.18 | 27.4043 | 5.97560185 | 13.77 | 24.422 |
| 5.64030093 | 14.37 | 30.1743 | 5.80800926 | 14.19 | 27.7467 | 5.97571759 | 13.78 | 24.4591 |
| 5.64041667 | 14.38 | 30.5695 | 5.808125 | 14.22 | 27.9087 | 5.97583333 | 13.78 | 24.5327 |
| 5.64053241 | 14.38 | 30.4613 | 5.80824074 | 14.24 | 28.3503 | 5.97594907 | 13.77 | 24.3707 |
| 5.64064815 | 14.38 | 30.674 | 5.80835648 | 14.21 | 27.9014 | 5.97606482 | 13.77 | 24.2981 |
| 5.64076389 | 14.38 | 30.5868 | 5.80847222 | 14.19 | 27.3173 | 5.97618056 | 13.77 | 24.3142 |
| 5.64087963 | 14.38 | 30.5002 | 5.80858796 | 14.19 | 27.3659 | 5.9762963 | 13.75 | 24.3403 |
| 5.64099537 | 14.35 | 31.0603 | 5.8087037 | 14.21 | 27.711 | 5.97641204 | 13.77 | 24.3115 |
| 5.64111111 | 14.38 | 30.0065 | 5.80881944 | 14.22 | 28.1019 | 5.97652778 | 13.77 | 24.2874 |
| 5.64122685 | 14.38 | 30.6304 | 5.80893519 | 14.24 | 28.2349 | 5.97664352 | 13.77 | 24.3062 |
| 5.64134259 | 14.38 | 30.4268 | 5.80905093 | 14.24 | 28.5763 | 5.97675926 | 13.75 | 24.3108 |
| 5.64145833 | 14.37 | 30.366 | 5.80916667 | 14.24 | 28.1757 | 5.976875 | 13.77 | 24.4004 |
| 5.64157407 | 14.38 | 30.3154 | 5.80928241 | 14.22 | 27.6646 | 5.97699074 | 13.77 | 24.3707 |
| 5.64168982 | 14.37 | 30.3531 | 5.80939815 | 14.25 | 28.2945 | 5.97710648 | 13.77 | 24.3815 |
| 5.64180556 | 14.38 | 30.341 | 5.80951389 | 14.29 | 29.3582 | 5.97722222 | 13.77 | 24.3035 |
| 5.6419213 | 14.38 | 30.3667 | 5.80962963 | 14.31 | 29.2791 | 5.97733796 | 13.77 | 24.3062 |
| 5.64203704 | 14.37 | 30.5253 | 5.80974537 | 14.29 | 29.2106 | 5.9774537 | 13.77 | 24.2714 |
| 5.64215278 | 14.37 | 30.5687 | 5.80986111 | 14.29 | 29.3582 | 5.97756944 | 13.75 | 24.276 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64226852 | 14.37 | 30.5904 | 5.80997685 | 14.29 | 29.2703 | 5.97768519 | 13.75 | 24.2599 |
| 5.64238426 | 14.37 | 30.5513 | 5.81009259 | 14.25 | 28.4819 | 5.97780093 | 13.77 | 24.2473 |
| 5.6425 | 14.38 | 30.4786 | 5.81020833 | 14.24 | 28.2571 | 5.97791667 | 13.75 | 24.2599 |
| 5.64261574 | 14.38 | 30.4441 | 5.81032407 | 14.25 | 28.0471 | 5.97803241 | 13.77 | 24.2928 |
| 5.64273148 | 14.39 | 30.5226 | 5.81043982 | 14.27 | 28.8029 | 5.97814815 | 13.77 | 24.3438 |
| 5.64284722 | 14.37 | 30.5124 | 5.81055556 | 14.24 | 28.1646 | 5.97826389 | 13.78 | 24.4265 |
| 5.64296296 | 14.37 | 30.4951 | 5.8106713 | 14.24 | 28.1388 | 5.97837963 | 13.77 | 24.3438 |
| 5.6430787 | 14.37 | 30.6165 | 5.81078704 | 14.24 | 28.0215 | 5.97849537 | 13.75 | 24.3108 |
| 5.64319444 | 14.35 | 30.7065 | 5.81090278 | 14.22 | 27.8436 | 5.97861111 | 13.77 | 24.4085 |
| 5.64331019 | 14.35 | 30.5758 | 5.81101852 | 14.24 | 28.0324 | 5.97872685 | 13.75 | 24.3161 |
| 5.64342593 | 14.44 | 25.7279 | 5.81113426 | 14.22 | 28.1055 | 5.97884259 | 13.75 | 24.3322 |
| 5.64354167 | 14.41 | 29.2037 | 5.81125 | 14.21 | 27.8978 | 5.97895833 | 13.77 | 24.333 |
| 5.64365741 | 14.38 | 30.1919 | 5.81136574 | 14.17 | 27.1217 | 5.97907407 | 13.77 | 24.3545 |
| 5.64377315 | 14.37 | 29.8807 | 5.81148148 | 14.17 | 27.3211 | 5.97918982 | 13.77 | 24.4139 |
| 5.64388889 | 14.37 | 30.2209 | 5.81159722 | 14.17 | 27.2554 | 5.97930556 | 13.75 | 24.3969 |
| 5.64400463 | 14.38 | 29.3262 | 5.81171296 | 14.19 | 27.7217 | 5.9794213 | 13.77 | 24.4275 |
| 5.64412037 | 14.38 | 29.3904 | 5.8118287 | 14.19 | 27.4741 | 5.97953704 | 13.77 | 24.3707 |
| 5.64423611 | 14.45 | 25.8048 | 5.81194444 | 14.21 | 27.8292 | 5.97965278 | 13.77 | 24.4791 |
| 5.64435185 | 14.38 | 29.9521 | 5.81206019 | 14.22 | 27.8761 | 5.97976852 | 13.77 | 24.4004 |
| 5.64446759 | 14.37 | 30.3104 | 5.81217593 | 14.24 | 27.9523 | 5.97988426 | 13.77 | 24.3707 |
| 5.64458333 | 14.37 | 30.3403 | 5.81229167 | 14.17 | 27.394 | 5.98 | 13.77 | 24.3626 |
| 5.64469907 | 14.37 | 30.2507 | 5.81240741 | 14.18 | 27.5621 | 5.98011574 | 13.77 | 24.3788 |
| 5.64481482 | 14.37 | 30.2762 | 5.81252315 | 14.15 | 27.4221 | 5.98023148 | 13.77 | 24.4356 |
| 5.64493056 | 14.35 | 30.3431 | 5.81263889 | 14.17 | 27.4289 | 5.98034722 | 13.77 | 24.4139 |
| 5.6450463 | 14.35 | 30.4935 | 5.81275463 | 14.17 | 27.4568 | 5.98046296 | 13.77 | 24.4193 |
| 5.64516204 | 14.35 | 30.4375 | 5.81287037 | 14.18 | 27.6648 | 5.9805787 | 13.77 | 24.3869 |
| 5.64527778 | 14.37 | 29.4828 | 5.81298611 | 14.18 | 27.7289 | 5.98069444 | 13.77 | 24.4058 |
| 5.64539352 | 14.37 | 30.573 | 5.81310185 | 14.17 | 27.4848 | 5.98081019 | 13.78 | 24.6041 |
| 5.64550926 | 14.37 | 30.6557 | 5.81321759 | 14.15 | 27.5201 | 5.98092593 | 13.78 | 24.5519 |
| 5.645625 | 14.35 | 30.641 | 5.81333333 | 14.18 | 27.6719 | 5.98104167 | 13.78 | 24.6703 |
| 5.64574074 | 14.37 | 30.6339 | 5.81344907 | 14.15 | 27.6401 | 5.98115741 | 13.87 | 25.5317 |
| 5.64585648 | 14.37 | 30.3574 | 5.81356482 | 14.18 | 27.711 | 5.98127315 | 13.88 | 25.606 |
| 5.64597222 | 14.37 | 30.7739 | 5.81368056 | 14.18 | 27.647 | 5.98138889 | 13.88 | 25.4004 |
| 5.64608796 | 14.37 | 30.8577 | 5.8137963 | 14.18 | 27.7789 | 5.98150463 | 13.84 | 25.1116 |
| 5.6462037 | 14.37 | 30.8003 | 5.81391204 | 14.18 | 27.84 | 5.98162037 | 13.87 | 25.3598 |
| 5.64631944 | 14.37 | 30.7038 | 5.81402778 | 14.19 | 27.9666 | 5.98173611 | 13.85 | 25.2558 |
| 5.64643519 | 14.37 | 30.6383 | 5.81414352 | 14.19 | 28.0394 | 5.98185185 | 13.79 | 24.7948 |
| 5.64655093 | 14.37 | 30.8665 | 5.81425926 | 14.19 | 27.8616 | 5.98196759 | 13.79 | 24.6778 |
| 5.64666667 | 14.37 | 30.9685 | 5.814375 | 14.21 | 28.32 | 5.98208333 | 13.79 | 24.6778 |
| 5.64678241 | 14.37 | 30.9152 | 5.81449074 | 14.25 | 28.531 | 5.98219907 | 13.78 | 24.53 |
| 5.64689815 | 14.37 | 30.964 | 5.81460648 | 14.27 | 28.857 | 5.98231482 | 13.78 | 24.5437 |
| 5.64701389 | 14.37 | 30.8268 | 5.81472222 | 14.22 | 28.2272 | 5.98243056 | 13.78 | 24.5958 |
| 5.64712963 | 14.37 | 30.8224 | 5.81483796 | 14.25 | 28.3804 | 5.9825463 | 13.77 | 24.5967 |
| 5.64724537 | 14.37 | 30.586 | 5.8149537 | 14.25 | 28.5234 | 5.98266204 | 13.77 | 24.5747 |
| 5.64736111 | 14.37 | 30.3104 | 5.81506944 | 14.25 | 28.4668 | 5.98277778 | 13.75 | 24.5436 |
| 5.64747685 | 14.35 | 31.0692 | 5.81518519 | 14.24 | 28.272 | 5.98289352 | 13.75 | 24.53 |
| 5.64759259 | 14.37 | 30.2677 | 5.81530093 | 14.24 | 28.2423 | 5.98300926 | 13.75 | 24.5354 |
| 5.64770833 | 14.37 | 30.6034 | 5.81541667 | 14.24 | 28.2831 | 5.983125 | 13.75 | 24.5191 |
| 5.64782407 | 14.37 | 30.3061 | 5.81553241 | 14.24 | 28.2608 | 5.98324074 | 13.75 | 24.5245 |
| 5.64793982 | 14.47 | 24.2647 | 5.81564815 | 14.24 | 28.2052 | 5.98335648 | 13.75 | 24.5136 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.64805556 | 14.44 | 26.8357 | 5.81576389 | 14.29 | 29.0488 | 5.98347222 | 13.75 | 24.5109 |
| 5.6481713 | 14.38 | 30.1835 | 5.81587963 | 14.31 | 29.1006 | 5.98358796 | 13.75 | 24.5491 |
| 5.64828704 | 14.38 | 30.0401 | 5.81599537 | 14.31 | 28.9829 | 5.9837037 | 13.75 | 24.5491 |
| 5.64840278 | 14.38 | 29.8315 | 5.81611111 | 14.31 | 29.0809 | 5.98381944 | 13.75 | 24.5491 |
| 5.64851852 | 14.37 | 30.396 | 5.81622685 | 14.29 | 28.9003 | 5.98393519 | 13.75 | 24.5957 |
| 5.64863426 | 14.37 | 30.6165 | 5.81634259 | 14.24 | 28.1535 | 5.98405093 | 13.75 | 24.5573 |
| 5.64875 | 14.37 | 30.3061 | 5.81645833 | 14.19 | 27.7897 | 5.98416667 | 13.74 | 24.561 |
| 5.64886574 | 14.38 | 29.2981 | 5.81657407 | 14.27 | 28.5276 | 5.98428241 | 13.74 | 24.5774 |
| 5.64898148 | 14.39 | 28.822 | 5.81668982 | 14.28 | 28.9117 | 5.98439815 | 13.75 | 24.5628 |
| 5.64909722 | 14.42 | 27.4237 | 5.81680556 | 14.21 | 28.1422 | 5.98451389 | 13.75 | 24.571 |
| 5.64921296 | 14.42 | 27.5969 | 5.8169213 | 14.22 | 28.1828 | 5.98462963 | 13.77 | 24.7518 |
| 5.6493287 | 14.38 | 30.3196 | 5.81703704 | 14.21 | 28.0688 | 5.98474537 | 13.77 | 24.6851 |
| 5.64944444 | 14.39 | 29.5936 | 5.81715278 | 14.21 | 28.1496 | 5.98486111 | 13.77 | 24.6325 |
| 5.64956019 | 14.38 | 29.6954 | 5.81726852 | 14.24 | 28.2608 | 5.98497685 | 13.77 | 24.7128 |
| 5.64967593 | 14.38 | 30.1285 | 5.81738426 | 14.25 | 28.4029 | 5.98509259 | 13.81 | 25.1542 |
| 5.64979167 | 14.38 | 30.2557 | 5.8175 | 14.21 | 28.0834 | 5.98520833 | 13.81 | 25.0164 |
| 5.64990741 | 14.38 | 30.3367 | 5.81761574 | 14.21 | 28.0578 | 5.98532407 | 13.79 | 25.0437 |
| 5.65002315 | 14.37 | 30.8268 | 5.81773148 | 14.22 | 28.1939 | 5.98543982 | 13.78 | 24.9194 |
| 5.65013889 | 14.37 | 30.7213 | 5.81784722 | 14.21 | 28.1569 | 5.98555556 | 13.78 | 24.9137 |
| 5.65025463 | 14.37 | 30.3703 | 5.81796296 | 14.19 | 28.0979 | 5.9856713 | 13.85 | 25.6651 |
| 5.65037037 | 14.37 | 30.7695 | 5.8180787 | 14.18 | 27.9629 | 5.98578704 | 13.82 | 25.0844 |
| 5.65048611 | 14.35 | 30.9356 | 5.81819444 | 14.18 | 28.054 | 5.98590278 | 13.79 | 25.0523 |
| 5.65060185 | 14.35 | 31.2582 | 5.81831019 | 14.18 | 27.9447 | 5.98601852 | 13.84 | 25.4297 |
| 5.65071759 | 14.35 | 30.9622 | 5.81842593 | 14.18 | 27.8652 | 5.98613426 | 13.85 | 25.5271 |
| 5.65083333 | 14.37 | 30.0142 | 5.81854167 | 14.17 | 27.8977 | 5.98625 | 13.79 | 24.9981 |
| 5.65094907 | 14.38 | 29.4995 | 5.81865741 | 14.18 | 27.8941 | 5.98636574 | 13.85 | 25.6079 |
| 5.65106482 | 14.39 | 29.3949 | 5.81877315 | 14.18 | 28.0211 | 5.98648148 | 13.85 | 25.6169 |
| 5.65118056 | 14.37 | 30.9196 | 5.81888889 | 14.17 | 27.9085 | 5.98659722 | 13.79 | 25.0152 |
| 5.6512963 | 14.37 | 30.9818 | 5.81900463 | 14.19 | 28.0796 | 5.98671296 | 13.78 | 24.9477 |
| 5.65141204 | 14.37 | 31.013 | 5.81912037 | 14.18 | 27.9593 | 5.9868287 | 13.78 | 24.8658 |
| 5.65152778 | 14.35 | 31.4127 | 5.81923611 | 14.17 | 27.8328 | 5.98694444 | 13.77 | 24.7518 |
| 5.65164352 | 14.35 | 31.4127 | 5.81935185 | 14.21 | 28.179 | 5.98706019 | 13.77 | 24.7434 |
| 5.65175926 | 14.35 | 31.3899 | 5.81946759 | 14.21 | 28.1864 | 5.98717593 | 13.77 | 24.6823 |
| 5.651875 | 14.35 | 31.3352 | 5.81958333 | 14.21 | 28.2271 | 5.98729167 | 13.77 | 24.7378 |
| 5.65199074 | 14.35 | 31.3671 | 5.81969907 | 14.21 | 28.1385 | 5.98740741 | 13.77 | 24.7657 |
| 5.65210648 | 14.35 | 31.3262 | 5.81981482 | 14.18 | 27.992 | 5.98752315 | 13.78 | 24.8068 |
| 5.65222222 | 14.35 | 31.3262 | 5.81993056 | 14.18 | 28.1272 | 5.98763889 | 13.77 | 24.7657 |
| 5.65233796 | 14.35 | 31.3352 | 5.8200463 | 14.18 | 27.9883 | 5.98775463 | 13.77 | 24.7573 |
| 5.6524537 | 14.35 | 31.2401 | 5.82016204 | 14.21 | 28.1165 | 5.98787037 | 13.77 | 24.6989 |
| 5.65256944 | 14.35 | 31.3125 | 5.82027778 | 14.19 | 28.1016 | 5.98798611 | 13.77 | 24.7045 |
| 5.65268519 | 14.37 | 31.1608 | 5.82039352 | 14.19 | 28.1899 | 5.98810185 | 13.77 | 24.7045 |
| 5.65280093 | 14.35 | 31.3307 | 5.82050926 | 14.19 | 28.1531 | 5.98821759 | 13.77 | 24.6989 |
| 5.65291667 | 14.38 | 29.8439 | 5.820625 | 14.18 | 28.1162 | 5.98833333 | 13.77 | 24.6767 |
| 5.65303241 | 14.38 | 29.6257 | 5.82074074 | 14.19 | 28.1273 | 5.98844907 | 13.77 | 24.6712 |
| 5.65314815 | 14.37 | 30.7038 | 5.82085648 | 14.19 | 28.1788 | 5.98856482 | 13.77 | 24.7045 |
| 5.65326389 | 14.37 | 30.9551 | 5.82097222 | 14.19 | 28.2417 | 5.98868056 | 13.77 | 24.7573 |
| 5.65337963 | 14.37 | 30.586 | 5.82108796 | 14.24 | 28.6906 | 5.9887963 | 13.77 | 24.7045 |
| 5.65349537 | 14.35 | 31.0782 | 5.8212037 | 14.27 | 28.7528 | 5.98891204 | 13.77 | 24.7267 |
| 5.65361111 | 14.37 | 30.5167 | 5.82131944 | 14.24 | 28.5346 | 5.98902778 | 13.77 | 24.7128 |
| 5.65372685 | 14.38 | 30.0611 | 5.82143519 | 14.24 | 28.4515 | 5.98914352 | 13.75 | 24.6868 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65384259 | 14.37 | 31.0086 | 5.82155093 | 14.24 | 28.429 | 5.98925926 | 13.75 | 24.6813 |
| 5.65395833 | 14.37 | 31.2511 | 5.82166667 | 14.24 | 28.4779 | 5.989375 | 13.77 | 24.7045 |
| 5.65407407 | 14.37 | 30.8886 | 5.82178241 | 14.24 | 28.5497 | 5.98949074 | 13.75 | 24.734 |
| 5.65418982 | 14.37 | 30.7959 | 5.82189815 | 14.24 | 28.5611 | 5.98960648 | 13.75 | 24.7256 |
| 5.65430556 | 14.37 | 30.8003 | 5.82201389 | 14.28 | 28.9467 | 5.98972222 | 13.77 | 24.7156 |
| 5.6544213 | 14.38 | 29.9313 | 5.82212963 | 14.24 | 28.4064 | 5.98983796 | 13.75 | 24.7118 |
| 5.65453704 | 14.42 | 27.6611 | 5.82224537 | 14.22 | 28.5645 | 5.9899537 | 13.75 | 24.684 |
| 5.65465278 | 14.38 | 30.4958 | 5.82236111 | 14.22 | 28.4662 | 5.99006944 | 13.74 | 24.7126 |
| 5.65476852 | 14.39 | 28.9309 | 5.82247685 | 14.25 | 28.7407 | 5.99018519 | 13.75 | 24.7007 |
| 5.65488426 | 14.41 | 28.2972 | 5.82259259 | 14.31 | 29.2871 | 5.99030093 | 13.74 | 24.6324 |
| 5.655 | 14.41 | 28.6301 | 5.82270833 | 14.31 | 29.077 | 5.99041667 | 13.75 | 24.6343 |
| 5.65511574 | 14.41 | 28.6186 | 5.82282407 | 14.34 | 29.3645 | 5.99053241 | 13.75 | 24.6122 |
| 5.65523148 | 14.41 | 28.7261 | 5.82293982 | 14.31 | 29.077 | 5.99064815 | 13.75 | 24.6288 |
| 5.65534722 | 14.55 | 17.7562 | 5.82305556 | 14.29 | 29.092 | 5.99076389 | 13.74 | 24.6214 |
| 5.65546296 | 14.42 | 28.2227 | 5.8231713 | 14.27 | 28.9581 | 5.99087963 | 13.77 | 24.5857 |
| 5.6555787 | 14.39 | 29.8944 | 5.82328704 | 14.29 | 29.0723 | 5.99099537 | 13.75 | 24.582 |
| 5.65569444 | 14.41 | 28.8421 | 5.82340278 | 14.29 | 29.1749 | 5.99111111 | 13.75 | 24.5793 |
| 5.65581019 | 14.44 | 27.6005 | 5.82351852 | 14.25 | 28.6374 | 5.99122685 | 13.75 | 24.5546 |
| 5.65592593 | 14.39 | 29.3909 | 5.82363426 | 14.18 | 27.9702 | 5.99134259 | 13.75 | 24.5409 |
| 5.65604167 | 14.45 | 27.9686 | 5.82375 | 14.19 | 28.1567 | 5.99145833 | 13.74 | 24.5118 |
| 5.65615741 | 14.37 | 31.0443 | 5.82386574 | 14.17 | 27.7611 | 5.99157407 | 13.74 | 24.4737 |
| 5.65627315 | 14.37 | 31.08 | 5.82398148 | 14.25 | 28.4329 | 5.99168982 | 13.75 | 24.4863 |
| 5.65638889 | 14.37 | 31.0577 | 5.82409722 | 14.22 | 28.268 | 5.99180556 | 13.74 | 24.4601 |
| 5.65650463 | 14.37 | 30.7125 | 5.82421296 | 14.19 | 27.9666 | 5.9919213 | 13.72 | 24.4375 |
| 5.65662037 | 14.35 | 30.7284 | 5.8243287 | 14.19 | 27.8544 | 5.99203704 | 13.74 | 24.4059 |
| 5.65673611 | 14.38 | 30.0191 | 5.82444444 | 14.15 | 27.2764 | 5.99215278 | 13.74 | 24.4519 |
| 5.65685185 | 14.39 | 28.3605 | 5.82456019 | 14.17 | 27.7646 | 5.99226852 | 13.74 | 24.4655 |
| 5.65696759 | 14.38 | 30.81 | 5.82467593 | 14.18 | 27.5974 | 5.99238426 | 13.74 | 24.4519 |
| 5.65708333 | 14.39 | 29.5528 | 5.82479167 | 14.15 | 27.4535 | 5.9925 | 13.74 | 24.4357 |
| 5.65719907 | 14.42 | 27.1318 | 5.82490741 | 14.15 | 27.3006 | 5.99261574 | 13.74 | 24.4167 |
| 5.65731482 | 14.42 | 27.4307 | 5.82502315 | 14.12 | 27.1294 | 5.99273148 | 13.72 | 24.3404 |
| 5.65743056 | 14.41 | 28.8421 | 5.82513889 | 14.12 | 27.0241 | 5.99284722 | 13.72 | 24.3619 |
| 5.6575463 | 14.44 | 26.8525 | 5.82525463 | 14.15 | 27.4151 | 5.99296296 | 13.71 | 24.3414 |
| 5.65766204 | 14.42 | 27.8482 | 5.82537037 | 14.12 | 27.1363 | 5.9930787 | 13.71 | 24.3521 |
| 5.65777778 | 14.39 | 29.6222 | 5.82548611 | 14.11 | 26.9199 | 5.99319444 | 13.72 | 24.3109 |
| 5.65789352 | 14.38 | 30.0779 | 5.82560185 | 14.14 | 27.2731 | 5.99331019 | 13.71 | 24.3199 |
| 5.65800926 | 14.39 | 29.6836 | 5.82571759 | 14.14 | 27.3909 | 5.99342593 | 13.71 | 24.3387 |
| 5.658125 | 14.39 | 29.8031 | 5.82583333 | 14.15 | 27.443 | 5.99354167 | 13.72 | 24.4619 |
| 5.65824074 | 14.38 | 29.6544 | 5.82594907 | 14.14 | 27.2766 | 5.99365741 | 13.74 | 24.5446 |
| 5.65835648 | 14.39 | 29.1473 | 5.82606482 | 14.15 | 27.5623 | 5.99377315 | 13.74 | 24.5036 |
| 5.65847222 | 14.42 | 27.6647 | 5.82618056 | 14.14 | 27.2352 | 5.99388889 | 13.74 | 24.5282 |
| 5.65858796 | 14.41 | 28.4362 | 5.8262963 | 14.11 | 26.9603 | 5.99400463 | 13.74 | 24.4492 |
| 5.6587037 | 14.39 | 29.6018 | 5.82641204 | 14.14 | 27.3319 | 5.99412037 | 13.72 | 24.4375 |
| 5.65881944 | 14.39 | 29.3869 | 5.82652778 | 14.17 | 27.7396 | 5.99423611 | 13.74 | 24.5911 |
| 5.65893519 | 14.41 | 28.9317 | 5.82664352 | 14.18 | 27.7539 | 5.99435185 | 13.74 | 24.4492 |
| 5.65905093 | 14.38 | 29.7365 | 5.82675926 | 14.12 | 27.126 | 5.99446759 | 13.74 | 24.649 |
| 5.65916667 | 14.39 | 29.8197 | 5.826875 | 14.18 | 27.6825 | 5.99458333 | 13.75 | 24.709 |
| 5.65928241 | 14.39 | 29.0761 | 5.82699074 | 14.15 | 27.2454 | 5.99469907 | 13.72 | 24.4321 |
| 5.65939815 | 14.39 | 29.3507 | 5.82710648 | 14.14 | 27.1598 | 5.99481482 | 13.72 | 24.4078 |
| 5.65951389 | 14.38 | 29.5645 | 5.82722222 | 14.17 | 27.7575 | 5.99493056 | 13.74 | 24.4438 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.65962963 | 14.45 | 26.4641 | 5.82733796 | 14.18 | 27.6612 | 5.9950463 | 13.72 | 24.4267 |
| 5.65974537 | 14.41 | 29.1878 | 5.8274537 | 14.18 | 27.6683 | 5.99516204 | 13.72 | 24.4402 |
| 5.65986111 | 14.42 | 27.9099 | 5.82756944 | 14.17 | 27.4289 | 5.99527778 | 13.72 | 24.4267 |
| 5.65997685 | 14.42 | 28.0049 | 5.82768519 | 14.15 | 27.2971 | 5.99539352 | 13.72 | 24.3619 |
| 5.66009259 | 14.42 | 27.3048 | 5.82780093 | 14.15 | 27.4221 | 5.99550926 | 13.72 | 24.4051 |
| 5.66020833 | 14.47 | 26.0232 | 5.82791667 | 14.14 | 27.37 | 5.995625 | 13.74 | 24.6049 |
| 5.66032407 | 14.44 | 26.9607 | 5.82803241 | 14.15 | 27.3907 | 5.99574074 | 13.77 | 24.802 |
| 5.66043982 | 14.44 | 27.371 | 5.82814815 | 14.18 | 27.822 | 5.99585648 | 13.74 | 24.7404 |
| 5.66055556 | 14.42 | 28.193 | 5.82826389 | 14.17 | 27.4044 | 5.99597222 | 13.78 | 25.0617 |
| 5.6606713 | 14.42 | 28.3086 | 5.82837963 | 14.14 | 27.1564 | 5.99608796 | 13.75 | 24.5163 |
| 5.66078704 | 14.42 | 28.1856 | 5.82849537 | 14.17 | 27.5692 | 5.9962037 | 13.74 | 24.5391 |
| 5.66090278 | 14.41 | 28.5957 | 5.82861111 | 14.17 | 27.7182 | 5.99631944 | 13.72 | 24.397 |
| 5.66101852 | 14.42 | 28.0159 | 5.82872685 | 14.12 | 27.239 | 5.99643519 | 13.72 | 24.4267 |
| 5.66113426 | 14.44 | 26.8055 | 5.82884259 | 14.14 | 27.2628 | 5.99655093 | 13.72 | 24.3378 |
| 5.66125 | 14.42 | 27.7904 | 5.82895833 | 14.15 | 27.4012 | 5.99666667 | 13.72 | 24.2762 |
| 5.66136574 | 14.42 | 28.3724 | 5.82907407 | 14.18 | 27.9556 | 5.99678241 | 13.71 | 24.4628 |
| 5.66148148 | 14.41 | 28.178 | 5.82918982 | 14.21 | 28.0761 | 5.99689815 | 13.72 | 24.4565 |
| 5.66159722 | 14.41 | 28.4136 | 5.82930556 | 14.15 | 27.4815 | 5.99701389 | 13.72 | 24.4619 |
| 5.66171296 | 14.41 | 29.0257 | 5.8294213 | 14.11 | 27.1672 | 5.99712963 | 13.74 | 24.5528 |
| 5.6618287 | 14.41 | 28.8693 | 5.82953704 | 14.17 | 27.9085 | 5.99724537 | 13.74 | 24.6683 |
| 5.66194444 | 14.41 | 28.9747 | 5.82965278 | 14.15 | 27.6543 | 5.99736111 | 13.71 | 24.3521 |
| 5.66206019 | 14.39 | 29.4757 | 5.82976852 | 14.12 | 27.3252 | 5.99747685 | 13.71 | 24.2531 |
| 5.66217593 | 14.41 | 28.9395 | 5.82988426 | 14.14 | 27.6295 | 5.99759259 | 13.71 | 24.371 |
| 5.66229167 | 14.39 | 29.5732 | 5.83 | 14.15 | 27.8544 | 5.99770833 | 13.71 | 24.2878 |
| 5.66240741 | 14.37 | 30.7038 | 5.83011574 | 14.18 | 28.1493 | 5.99782407 | 13.71 | 24.2745 |
| 5.66252315 | 14.38 | 30.6915 | 5.83023148 | 14.19 | 28.0467 | 5.99793982 | 13.71 | 24.2478 |
| 5.66263889 | 14.38 | 30.1708 | 5.83034722 | 14.18 | 28.1493 | 5.99805556 | 13.71 | 24.2611 |
| 5.66275463 | 14.38 | 30.341 | 5.83046296 | 14.24 | 28.7366 | 5.9981713 | 13.69 | 24.2338 |
| 5.66287037 | 14.37 | 30.8709 | 5.8305787 | 14.21 | 28.1901 | 5.99828704 | 13.69 | 24.2205 |
| 5.66298611 | 14.37 | 30.4864 | 5.83069444 | 14.21 | 28.3423 | 5.99840278 | 13.69 | 24.2445 |
| 5.66310185 | 14.38 | 30.2812 | 5.83081019 | 14.24 | 28.5991 | 5.99851852 | 13.69 | 24.2365 |
| 5.66321759 | 14.38 | 30.2344 | 5.83092593 | 14.22 | 28.3986 | 5.99863426 | 13.69 | 24.2738 |
| 5.66333333 | 14.37 | 30.8488 | 5.83104167 | 14.18 | 28.0357 | 5.99875 | 13.71 | 24.3307 |
| 5.66344907 | 14.37 | 30.1489 | 5.83115741 | 14.19 | 28.12 | 5.99886574 | 13.71 | 24.5418 |
| 5.66356482 | 14.38 | 29.9479 | 5.83127315 | 14.19 | 28.0467 | 5.99898148 | 13.71 | 24.4276 |
| 5.66368056 | 14.38 | 30.1327 | 5.83138889 | 14.19 | 28.1163 | 5.99909722 | 13.71 | 24.5118 |
| 5.6637963 | 14.38 | 29.8067 | 5.83150463 | 14.19 | 28.1126 | 5.99921296 | 13.71 | 24.4087 |
| 5.66391204 | 14.38 | 30.0317 | 5.83162037 | 14.19 | 28.109 | 5.9993287 | 13.71 | 24.3441 |
| 5.66402778 | 14.38 | 30.0233 | 5.83173611 | 14.19 | 28.2084 | 5.99944444 | 13.71 | 24.3307 |
| 5.66414352 | 14.38 | 29.9939 | 5.83185185 | 14.18 | 27.9883 | 5.99956019 | 13.71 | 24.4006 |
| 5.66425926 | 14.37 | 30.0772 | 5.83196759 | 14.15 | 27.8436 | 5.99967593 | 13.72 | 24.8035 |
| 5.664375 | 14.38 | 30.1369 | 5.83208333 | 14.19 | 28.2158 | 5.99979167 | 13.75 | 24.8964 |
| 5.66449074 | 14.37 | 30.1955 | 5.83219907 | 14.18 | 28.1052 | 5.99990741 | 13.74 | 24.7934 |
| 5.66460648 | 14.38 | 29.9313 | 5.83231482 | 14.22 | 28.5228 | 6.00002315 | 13.74 | 24.6849 |
| 5.66472222 | 14.37 | 30.2422 | 5.83243056 | 14.19 | 27.9702 | 6.00013889 | 13.74 | 24.5582 |
| 5.66483796 | 14.38 | 29.8439 | 5.8325463 | 14.28 | 29.0131 | 6.00025463 | 13.74 | 24.5911 |
| 5.6649537 | 14.38 | 30.0359 | 5.83266204 | 14.25 | 28.81 | 6.00037037 | 13.75 | 24.7535 |
| 5.66506944 | 14.38 | 30.1285 | 5.83277778 | 14.28 | 28.935 | 6.00048611 | 13.74 | 24.6904 |
| 5.66518519 | 14.38 | 30.0317 | 5.83289352 | 14.28 | 28.9078 | 6.00060185 | 13.74 | 24.7571 |
| 5.66530093 | 14.38 | 29.8232 | 5.83300926 | 14.25 | 28.8139 | 6.00071759 | 13.79 | 25.5073 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.66541667 | 14.38 | 29.6667 | 5.833125 | 14.27 | 28.8454 | 6.00083333 | 13.74 | 24.4411 |
| 5.66553241 | 14.37 | 29.4626 | 5.83324074 | 14.27 | 28.7836 | 6.00094907 | 13.72 | 24.53 |
| 5.66564815 | 14.39 | 29.5203 | 5.83335648 | 14.27 | 28.7259 | 6.00106482 | 13.74 | 24.7098 |
| 5.66576389 | 14.38 | 29.5605 | 5.83347222 | 14.25 | 28.6756 | 6.00118056 | 13.72 | 24.5765 |
| 5.66587963 | 14.39 | 29.3387 | 5.83358796 | 14.27 | 28.8067 | 6.0012963 | 13.75 | 24.7842 |
| 5.66599537 | 14.39 | 29.3226 | 5.8337037 | 14.27 | 28.8299 | 6.00141204 | 13.75 | 24.8486 |
| 5.66611111 | 14.39 | 29.4717 | 5.83381944 | 14.25 | 28.645 | 6.00152778 | 13.72 | 24.4864 |
| 5.66622685 | 14.39 | 29.4514 | 5.83393519 | 14.22 | 28.4851 | 6.00164352 | 13.72 | 24.4456 |
| 5.66634259 | 14.39 | 29.5122 | 5.83405093 | 14.18 | 28.0102 | 6.00175926 | 13.72 | 24.5655 |
| 5.66645833 | 14.39 | 29.5122 | 5.83416667 | 14.24 | 28.5005 | 6.001875 | 13.72 | 24.3754 |
| 5.66657407 | 14.39 | 29.5569 | 5.83428241 | 14.22 | 28.6863 | 6.00199074 | 13.69 | 24.3379 |
| 5.66668982 | 14.39 | 29.6959 | 5.83439815 | 14.18 | 28.4167 | 6.00210648 | 13.69 | 24.3299 |
| 5.66680556 | 14.38 | 29.6216 | 5.83451389 | 14.17 | 27.7933 | 6.00222222 | 13.69 | 24.3085 |
| 5.6669213 | 14.39 | 29.7247 | 5.83462963 | 14.18 | 28.2379 | 6.00233796 | 13.69 | 24.3299 |
| 5.66703704 | 14.39 | 29.8819 | 5.83474537 | 14.18 | 27.8796 | 6.0024537 | 13.69 | 24.3379 |
| 5.66715278 | 14.38 | 29.9772 | 5.83486111 | 14.17 | 27.9846 | 6.00256944 | 13.69 | 24.3299 |
| 5.66726852 | 14.38 | 30.0233 | 5.83497685 | 14.15 | 27.8328 | 6.00268519 | 13.71 | 24.4168 |
| 5.66738426 | 14.38 | 29.9479 | 5.83509259 | 14.14 | 27.8184 | 6.00280093 | 13.69 | 24.3863 |
| 5.6675 | 14.39 | 29.9069 | 5.83520833 | 14.14 | 27.8328 | 6.00291667 | 13.69 | 24.3729 |
| 5.66761574 | 14.39 | 29.8986 | 5.83532407 | 14.14 | 27.7898 | 6.00303241 | 13.69 | 24.3917 |
| 5.66773148 | 14.38 | 29.9438 | 5.83543982 | 14.12 | 27.6544 | 6.00314815 | 13.71 | 24.4087 |
| 5.66784722 | 14.38 | 29.8938 | 5.83555556 | 14.14 | 27.754 | 6.00326389 | 13.69 | 24.3917 |
| 5.66796296 | 14.38 | 30.0485 | 5.8356713 | 14.11 | 27.5979 | 6.00337963 | 13.71 | 24.4466 |
| 5.6680787 | 14.38 | 30.0569 | 5.83578704 | 14.11 | 27.605 | 6.00349537 | 13.69 | 24.3702 |
| 5.66819444 | 14.38 | 30.0947 | 5.83590278 | 14.12 | 27.7469 | 6.00361111 | 13.69 | 24.3112 |
| 5.66831019 | 14.38 | 30.0695 | 5.83601852 | 14.14 | 27.7898 | 6.00372685 | 13.69 | 24.3353 |
| 5.66842593 | 14.37 | 30.187 | 5.83613426 | 14.15 | 27.8616 | 6.00384259 | 13.68 | 24.3014 |
| 5.66854167 | 14.38 | 30.1538 | 5.83625 | 14.14 | 27.9157 | 6.00395833 | 13.69 | 24.2524 |
| 5.66865741 | 14.38 | 30.2301 | 5.83636574 | 14.12 | 27.6757 | 6.00407407 | 13.68 | 24.2056 |
| 5.66877315 | 14.38 | 30.2301 | 5.83648148 | 14.12 | 27.7576 | 6.00418982 | 13.68 | 24.2003 |
| 5.66888889 | 14.37 | 30.2762 | 5.83659722 | 14.14 | 27.7826 | 6.00430556 | 13.67 | 24.2146 |
| 5.66900463 | 14.37 | 30.4089 | 5.83671296 | 14.14 | 27.7504 | 6.0044213 | 13.68 | 24.1924 |
| 5.66912037 | 14.37 | 30.289 | 5.8368287 | 14.14 | 27.6969 | 6.00453704 | 13.67 | 24.2411 |
| 5.66923611 | 14.37 | 30.3232 | 5.83694444 | 14.11 | 27.5873 | 6.00465278 | 13.67 | 24.2757 |
| 5.66935185 | 14.37 | 30.4218 | 5.83706019 | 14.11 | 27.6368 | 6.00476852 | 13.71 | 24.6654 |
| 5.66946759 | 14.38 | 30.4786 | 5.83717593 | 14.11 | 27.6864 | 6.00488426 | 13.72 | 24.8231 |
| 5.66958333 | 14.37 | 30.4951 | 5.83729167 | 14.12 | 27.7398 | 6.005 | 13.71 | 24.743 |
| 5.66969907 | 14.37 | 30.5687 | 5.83740741 | 14.11 | 27.7042 | 6.00511574 | 13.72 | 24.6177 |
| 5.66981482 | 14.38 | 30.5868 | 5.83752315 | 14.11 | 27.605 | 6.00523148 | 13.71 | 24.4819 |
| 5.66993056 | 14.37 | 30.5167 | 5.83763889 | 14.11 | 27.5944 | 6.00534722 | 13.71 | 24.5391 |
| 5.6700463 | 14.37 | 30.573 | 5.83775463 | 14.11 | 27.6332 | 6.00546296 | 13.72 | 24.7477 |
| 5.67016204 | 14.37 | 30.6034 | 5.83787037 | 14.11 | 27.6935 | 6.0055787 | 13.74 | 24.855 |
| 5.67027778 | 14.37 | 30.6775 | 5.83798611 | 14.17 | 28.2045 | 6.00569444 | 13.72 | 24.9215 |
| 5.67039352 | 14.37 | 30.6383 | 5.83810185 | 14.15 | 27.9773 | 6.00581019 | 13.72 | 24.6894 |
| 5.67050926 | 14.35 | 30.6323 | 5.83821759 | 14.11 | 27.7149 | 6.00592593 | 13.71 | 24.6131 |
| 5.670625 | 14.37 | 30.6513 | 5.83833333 | 14.11 | 27.6829 | 6.00604167 | 13.71 | 24.7014 |
| 5.67074074 | 14.37 | 30.6034 | 5.83844907 | 14.17 | 28.2119 | 6.00615741 | 13.74 | 24.771 |
| 5.67085648 | 14.37 | 30.6208 | 5.83856482 | 14.19 | 28.5185 | 6.00627315 | 13.71 | 24.7263 |
| 5.67097222 | 14.37 | 30.6557 | 5.83868056 | 14.21 | 28.5946 | 6.00638889 | 13.78 | 25.6094 |
| 5.67108796 | 14.41 | 28.0451 | 5.8387963 | 14.22 | 28.5872 | 6.00650463 | 13.74 | 24.8719 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.6712037 | 14.37 | 30.4951 | 5.83891204 | 14.22 | 28.5153 | 6.00662037 | 13.72 | 24.6232 |
| 5.67131944 | 14.37 | 30.7125 | 5.83902778 | 14.19 | 28.3346 | 6.00673611 | 13.69 | 24.5136 |
| 5.67143519 | 14.37 | 30.6383 | 5.83914352 | 14.22 | 28.7093 | 6.00685185 | 13.69 | 24.4647 |
| 5.67155093 | 14.35 | 30.641 | 5.83925926 | 14.22 | 28.5759 | 6.00696759 | 13.72 | 24.7867 |
| 5.67166667 | 14.35 | 30.5281 | 5.839375 | 14.21 | 28.4548 | 6.00708333 | 13.69 | 24.5027 |
| 5.67178241 | 14.37 | 29.7113 | 5.83949074 | 14.21 | 28.5415 | 6.00719907 | 13.75 | 25.0069 |
| 5.67189815 | 14.38 | 30.2642 | 5.83960648 | 14.19 | 28.1973 | 6.00731482 | 13.74 | 24.9481 |
| 5.67201389 | 14.37 | 30.5037 | 5.83972222 | 14.21 | 28.6517 | 6.00743056 | 13.72 | 24.6728 |
| 5.67212963 | 14.37 | 30.5383 | 5.83983796 | 14.19 | 28.4394 | 6.0075463 | 13.69 | 24.5382 |
| 5.67224537 | 14.37 | 30.6994 | 5.8399537 | 14.18 | 28.3942 | 6.00766204 | 13.72 | 24.7783 |
| 5.67236111 | 14.37 | 30.534 | 5.84006944 | 14.21 | 28.4698 | 6.00777778 | 13.72 | 24.7477 |
| 5.67247685 | 14.44 | 25.9833 | 5.84018519 | 14.19 | 28.3869 | 6.00789352 | 13.72 | 24.8035 |
| 5.67259259 | 14.38 | 30.3453 | 5.84030093 | 14.21 | 28.5113 | 6.00800926 | 13.71 | 24.6351 |
| 5.67270833 | 14.37 | 30.7739 | 5.84041667 | 14.21 | 28.5075 | 6.008125 | 13.69 | 24.5819 |
| 5.67282407 | 14.37 | 30.6819 | 5.84053241 | 14.25 | 28.8719 | 6.00824074 | 13.69 | 24.5245 |
| 5.67293982 | 14.37 | 30.0478 | 5.84064815 | 14.25 | 28.8178 | 6.00835648 | 13.71 | 24.5527 |
| 5.67305556 | 14.38 | 30.6173 | 5.84076389 | 14.24 | 28.802 | 6.00847222 | 13.71 | 24.7041 |
| 5.6731713 | 14.37 | 30.7739 | 5.84087963 | 14.24 | 28.7674 | 6.00858796 | 13.71 | 24.6406 |
| 5.67328704 | 14.37 | 30.9196 | 5.84099537 | 14.25 | 28.8023 | 6.0087037 | 13.71 | 24.5227 |
| 5.67340278 | 14.37 | 30.695 | 5.84111111 | 14.25 | 28.8719 | 6.00881944 | 13.71 | 24.5746 |
| 5.67351852 | 14.37 | 30.4089 | 5.84122685 | 14.24 | 28.8329 | 6.00893519 | 13.69 | 24.3487 |
| 5.67363426 | 14.37 | 30.4003 | 5.84134259 | 14.25 | 28.7638 | 6.00905093 | 13.69 | 24.5355 |
| 5.67375 | 14.35 | 30.9445 | 5.84145833 | 14.24 | 28.6906 | 6.00916667 | 13.69 | 24.56 |
| 5.67386574 | 14.35 | 30.9312 | 5.84157407 | 14.22 | 28.8131 | 6.00928241 | 13.71 | 24.5692 |
| 5.67398148 | 14.37 | 30.3232 | 5.84168982 | 14.22 | 28.694 | 6.00939815 | 13.69 | 24.2818 |
| 5.67409722 | 14.37 | 30.8003 | 5.84180556 | 14.22 | 28.6978 | 6.00951389 | 13.68 | 24.2508 |
| 5.67421296 | 14.37 | 30.964 | 5.8419213 | 14.21 | 28.5302 | 6.00962963 | 13.68 | 24.2136 |
| 5.6743287 | 14.35 | 31.0067 | 5.84203704 | 14.21 | 28.5984 | 6.00974537 | 13.68 | 24.3148 |
| 5.67444444 | 14.37 | 30.9019 | 5.84215278 | 14.19 | 28.2047 | 6.00986111 | 13.69 | 24.3998 |
| 5.67456019 | 14.37 | 30.9329 | 5.84226852 | 14.21 | 28.5415 | 6.00997685 | 13.72 | 24.7783 |
| 5.67467593 | 14.35 | 31.0916 | 5.84238426 | 14.21 | 28.4247 | 6.01009259 | 13.72 | 24.7171 |
| 5.67479167 | 14.35 | 31.141 | 5.8425 | 14.17 | 28.1308 | 6.01020833 | 13.71 | 24.6709 |
| 5.67490741 | 14.35 | 31.0067 | 5.84261574 | 14.21 | 28.3722 | 6.01032407 | 13.71 | 24.6103 |
| 5.67502315 | 14.37 | 30.9285 | 5.84273148 | 14.21 | 28.6365 | 6.01043982 | 13.72 | 24.6811 |
| 5.67513889 | 14.37 | 30.8224 | 5.84284722 | 14.18 | 28.1272 | 6.01055556 | 13.72 | 24.6867 |
| 5.67525463 | 14.37 | 30.7915 | 5.84296296 | 14.18 | 28.327 | 6.0106713 | 13.71 | 24.6406 |
| 5.67537037 | 14.37 | 30.5687 | 5.8430787 | 14.17 | 28.2674 | 6.01078704 | 13.71 | 24.5856 |
| 5.67548611 | 14.37 | 30.5297 | 5.84319444 | 14.17 | 28.1713 | 6.01090278 | 13.71 | 24.4873 |
| 5.67560185 | 14.38 | 30.5391 | 5.84331019 | 14.17 | 28.0868 | 6.01101852 | 13.68 | 24.2747 |
| 5.67571759 | 14.37 | 30.5167 | 5.84342593 | 14.17 | 28.1455 | 6.01113426 | 13.65 | 24.2007 |
| 5.67583333 | 14.37 | 30.521 | 5.84354167 | 14.15 | 28.1454 | 6.01125 | 13.67 | 24.281 |
| 5.67594907 | 14.38 | 30.6304 | 5.84365741 | 14.14 | 28.0355 | 6.01136574 | 13.68 | 24.4008 |
| 5.67606482 | 14.37 | 30.7038 | 5.84377315 | 14.14 | 27.9954 | 6.01148148 | 13.71 | 24.6103 |
| 5.67618056 | 14.37 | 30.8003 | 5.84388889 | 14.12 | 27.9446 | 6.01159722 | 13.71 | 24.8071 |
| 5.6762963 | 14.37 | 30.7344 | 5.84400463 | 14.12 | 27.9809 | 6.01171296 | 13.72 | 24.7839 |
| 5.67641204 | 14.37 | 30.7871 | 5.84412037 | 14.14 | 27.9736 | 6.0118287 | 13.72 | 24.756 |
| 5.67652778 | 14.37 | 30.6252 | 5.84423611 | 14.14 | 28.0246 | 6.01194444 | 13.72 | 24.8007 |
| 5.67664352 | 14.37 | 30.7388 | 5.84435185 | 14.17 | 28.26 | 6.01206019 | 13.72 | 24.8961 |
| 5.67675926 | 14.38 | 30.0401 | 5.84446759 | 14.15 | 28.138 | 6.01217593 | 13.71 | 24.8519 |
| 5.676875 | 14.39 | 29.8819 | 5.84458333 | 14.15 | 27.9991 | 6.01229167 | 13.72 | 24.9753 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.67699074 | 14.38 | 30.6522 | 5.84469907 | 14.14 | 28.0246 | 6.01240741 | 13.74 | 25.1308 |
| 5.67710648 | 14.38 | 30.5738 | 5.84481482 | 14.14 | 28.0246 | 6.01252315 | 13.74 | 24.8916 |
| 5.67722222 | 14.38 | 30.3624 | 5.84493056 | 14.15 | 28.0977 | 6.01263889 | 13.74 | 24.9227 |
| 5.67733796 | 14.38 | 30.5564 | 5.8450463 | 14.15 | 28.0794 | 6.01275463 | 13.74 | 24.9992 |
| 5.6774537 | 14.37 | 30.7608 | 5.84516204 | 14.15 | 28.0574 | 6.01287037 | 13.75 | 25.0869 |
| 5.67756944 | 14.37 | 30.3189 | 5.84527778 | 14.12 | 27.999 | 6.01298611 | 13.74 | 25.0191 |
| 5.67768519 | 14.37 | 30.4046 | 5.84539352 | 14.12 | 28.1012 | 6.01310185 | 13.74 | 25.0877 |
| 5.67780093 | 14.37 | 30.6295 | 5.84550926 | 14.14 | 28.0282 | 6.01321759 | 13.72 | 24.8679 |
| 5.67791667 | 14.37 | 30.6775 | 5.845625 | 14.12 | 28.0245 | 6.01333333 | 13.71 | 24.8211 |
| 5.67803241 | 14.37 | 30.4304 | 5.84574074 | 14.18 | 28.4844 | 6.01344907 | 13.69 | 24.742 |
| 5.67814815 | 14.37 | 30.7652 | 5.84585648 | 14.18 | 28.2824 | 6.01356482 | 13.71 | 24.7347 |
| 5.67826389 | 14.35 | 30.9445 | 5.84597222 | 14.18 | 28.413 | 6.01368056 | 13.69 | 24.9014 |
| 5.67837963 | 14.35 | 30.9356 | 5.84608796 | 14.17 | 28.286 | 6.0137963 | 13.71 | 24.782 |
| 5.67849537 | 14.38 | 30.0863 | 5.8462037 | 14.19 | 28.4469 | 6.01391204 | 13.71 | 24.7597 |
| 5.67861111 | 14.38 | 30.4096 | 5.84631944 | 14.18 | 28.2898 | 6.01402778 | 13.68 | 24.6295 |
| 5.67872685 | 14.37 | 30.9685 | 5.84643519 | 14.19 | 28.4544 | 6.01414352 | 13.69 | 24.6314 |
| 5.67884259 | 14.37 | 31.0041 | 5.84655093 | 14.19 | 28.4431 | 6.01425926 | 13.69 | 24.7475 |
| 5.67895833 | 14.35 | 30.9533 | 5.84666667 | 14.19 | 28.4206 | 6.014375 | 13.72 | 25.0721 |
| 5.67907407 | 14.37 | 31.08 | 5.84678241 | 14.19 | 28.4019 | 6.01449074 | 13.71 | 24.7208 |
| 5.67918982 | 14.37 | 31.1159 | 5.84689815 | 14.18 | 28.2749 | 6.01460648 | 13.71 | 24.7876 |
| 5.67930556 | 14.37 | 31.1743 | 5.84701389 | 14.22 | 28.7784 | 6.01472222 | 13.68 | 24.6405 |
| 5.6794213 | 14.37 | 31.1743 | 5.84712963 | 14.22 | 28.6825 | 6.01483796 | 13.69 | 24.5819 |
| 5.67953704 | 14.35 | 31.2536 | 5.84724537 | 14.21 | 28.6098 | 6.0149537 | 13.68 | 24.6378 |
| 5.67965278 | 14.37 | 31.1384 | 5.84736111 | 14.22 | 28.6902 | 6.01506944 | 13.69 | 24.6176 |
| 5.67976852 | 14.37 | 31.1563 | 5.84747685 | 14.17 | 28.3008 | 6.01518519 | 13.68 | 24.6405 |
| 5.67988426 | 14.37 | 31.1473 | 5.84759259 | 14.15 | 28.308 | 6.01530093 | 13.69 | 24.6534 |
| 5.68 | 14.37 | 31.2149 | 5.84770833 | 14.15 | 28.2265 | 6.01541667 | 13.69 | 24.6149 |
| 5.68011574 | 14.35 | 31.0067 | 5.84782407 | 14.12 | 28.1012 | 6.01553241 | 13.68 | 24.5637 |
| 5.68023148 | 14.34 | 31.3661 | 5.84793982 | 14.09 | 28.0572 | 6.01564815 | 13.68 | 24.5774 |
| 5.68034722 | 14.34 | 31.3524 | 5.84805556 | 14.08 | 27.9917 | 6.01576389 | 13.69 | 24.7142 |
| 5.68046296 | 14.34 | 31.2075 | 5.8481713 | 14.09 | 28.0207 | 6.01587963 | 13.69 | 24.7253 |
| 5.6805787 | 14.35 | 30.4117 | 5.84828704 | 14.08 | 28.0026 | 6.01599537 | 13.69 | 24.8256 |
| 5.68069444 | 14.35 | 30.7722 | 5.84840278 | 14.09 | 28.101 | 6.01611111 | 13.71 | 24.9195 |
| 5.68081019 | 14.35 | 30.6672 | 5.84851852 | 14.08 | 28.0717 | 6.01622685 | 13.71 | 24.8211 |
| 5.68092593 | 14.35 | 30.5194 | 5.84863426 | 14.07 | 27.9663 | 6.01634259 | 13.69 | 24.681 |
| 5.68104167 | 14.35 | 30.6497 | 5.84875 | 14.08 | 27.9917 | 6.01645833 | 13.72 | 24.9809 |
| 5.68115741 | 14.35 | 30.5368 | 5.84886574 | 14.05 | 27.8366 | 6.01657407 | 13.71 | 24.8407 |
| 5.68127315 | 14.34 | 30.8418 | 5.84898148 | 14.07 | 27.8724 | 6.01668982 | 13.68 | 24.5282 |
| 5.68138889 | 14.34 | 30.9125 | 5.84909722 | 14.07 | 27.8868 | 6.01680556 | 13.67 | 24.491 |
| 5.68150463 | 14.34 | 30.7275 | 5.84921296 | 14.07 | 27.959 | 6.0169213 | 13.67 | 24.5346 |
| 5.68162037 | 14.35 | 30.6062 | 5.8493287 | 14.04 | 27.8151 | 6.01703704 | 13.67 | 24.5373 |
| 5.68173611 | 14.34 | 30.6402 | 5.84944444 | 14.04 | 27.7082 | 6.01715278 | 13.67 | 24.4883 |
| 5.68185185 | 14.34 | 30.7846 | 5.84956019 | 14.04 | 27.758 | 6.01726852 | 13.67 | 24.4829 |
| 5.68196759 | 14.32 | 30.8445 | 5.84967593 | 14.05 | 27.7615 | 6.01738426 | 13.68 | 24.6902 |
| 5.68208333 | 14.32 | 30.5864 | 5.84979167 | 14.04 | 27.7829 | 6.0175 | 13.68 | 24.6653 |
| 5.68219907 | 14.34 | 30.6184 | 5.84990741 | 14.04 | 27.7651 | 6.01761574 | 13.68 | 24.5993 |
| 5.68231482 | 14.34 | 30.7275 | 5.85002315 | 14.05 | 27.8869 | 6.01773148 | 13.68 | 24.6213 |
| 5.68243056 | 14.34 | 30.523 | 5.85013889 | 14.07 | 27.9301 | 6.01784722 | 13.67 | 24.5838 |
| 5.6825463 | 14.34 | 30.411 | 5.85025463 | 14.07 | 27.8222 | 6.01796296 | 13.68 | 24.8545 |
| 5.68266204 | 14.34 | 30.4669 | 5.85037037 | 14.04 | 27.8151 | 6.0180787 | 13.69 | 24.7364 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68277778 | 14.34 | 30.3766 | 5.85048611 | 14.04 | 27.7687 | 6.01819444 | 13.68 | 24.5993 |
| 5.68289352 | 14.35 | 30.2365 | 5.85060185 | 14.02 | 27.6799 | 6.01831019 | 13.69 | 24.6727 |
| 5.68300926 | 14.34 | 30.2997 | 5.85071759 | 14.02 | 27.7225 | 6.01842593 | 13.69 | 24.6893 |
| 5.683125 | 14.35 | 30.2621 | 5.85083333 | 14.04 | 27.7901 | 6.01854167 | 13.68 | 24.6433 |
| 5.68324074 | 14.35 | 30.0759 | 5.85094907 | 14.05 | 27.8725 | 6.01865741 | 13.68 | 24.6653 |
| 5.68335648 | 14.35 | 30.2323 | 5.85106482 | 14.04 | 27.7972 | 6.01877315 | 13.68 | 24.5856 |
| 5.68347222 | 14.35 | 30.1222 | 5.85118056 | 14.04 | 27.8366 | 6.01888889 | 13.69 | 24.7503 |
| 5.68358796 | 14.35 | 30.0465 | 5.8512963 | 14.09 | 28.1156 | 6.01900463 | 13.68 | 24.6598 |
| 5.6837037 | 14.35 | 30.0843 | 5.85141204 | 14.08 | 27.9989 | 6.01912037 | 13.69 | 24.7475 |
| 5.68381944 | 14.35 | 30.0885 | 5.85152778 | 14.07 | 27.9663 | 6.01923611 | 13.68 | 24.5993 |
| 5.68393519 | 14.35 | 30.1096 | 5.85164352 | 14.07 | 27.9373 | 6.01935185 | 13.68 | 24.6158 |
| 5.68405093 | 14.35 | 30.1391 | 5.85175926 | 14.07 | 27.9518 | 6.01946759 | 13.68 | 24.6295 |
| 5.68416667 | 14.35 | 30.1391 | 5.851875 | 14.11 | 28.1341 | 6.01958333 | 13.67 | 24.5701 |
| 5.68428241 | 14.35 | 30.2026 | 5.85199074 | 14.08 | 27.988 | 6.01969907 | 13.67 | 24.6359 |
| 5.68439815 | 14.34 | 30.1553 | 5.85210648 | 14.08 | 27.9844 | 6.01981482 | 13.68 | 24.6433 |
| 5.68451389 | 14.35 | 30.156 | 5.85222222 | 14.08 | 27.9699 | 6.01993056 | 13.68 | 24.6213 |
| 5.68462963 | 14.35 | 30.1476 | 5.85233796 | 14.07 | 27.9229 | 6.0200463 | 13.67 | 24.6222 |
| 5.68474537 | 14.34 | 30.2274 | 5.8524537 | 14.08 | 27.941 | 6.02016204 | 13.68 | 24.6213 |
| 5.68486111 | 14.35 | 30.2365 | 5.85256944 | 14.07 | 27.8724 | 6.02027778 | 13.67 | 24.5455 |
| 5.68497685 | 14.35 | 30.1941 | 5.85268519 | 14.09 | 27.9337 | 6.02039352 | 13.68 | 24.7096 |
| 5.68509259 | 14.35 | 30.2408 | 5.85280093 | 14.17 | 28.5786 | 6.02050926 | 13.69 | 24.7336 |
| 5.68520833 | 14.35 | 30.1433 | 5.85291667 | 14.21 | 28.7628 | 6.020625 | 13.69 | 24.7309 |
| 5.68532407 | 14.34 | 30.1596 | 5.85303241 | 14.15 | 28.2932 | 6.02074074 | 13.69 | 24.8396 |
| 5.68543982 | 14.34 | 30.1807 | 5.85314815 | 14.22 | 28.871 | 6.02085648 | 13.71 | 24.8183 |
| 5.68555556 | 14.35 | 30.2068 | 5.85326389 | 14.22 | 28.8324 | 6.02097222 | 13.71 | 24.8716 |
| 5.6856713 | 14.35 | 30.245 | 5.85337963 | 14.22 | 28.7515 | 6.02108796 | 13.72 | 24.9102 |
| 5.68578704 | 14.35 | 30.2365 | 5.85349537 | 14.18 | 28.4881 | 6.0212037 | 13.71 | 24.8772 |
| 5.68590278 | 14.35 | 30.2663 | 5.85361111 | 14.22 | 28.8169 | 6.02131944 | 13.71 | 24.9421 |
| 5.68601852 | 14.34 | 30.2104 | 5.85372685 | 14.22 | 28.7707 | 6.02143519 | 13.69 | 24.8452 |
| 5.68613426 | 14.34 | 30.2401 | 5.85384259 | 14.19 | 28.6933 | 6.02155093 | 13.69 | 24.8005 |
| 5.68625 | 14.34 | 30.2316 | 5.85395833 | 14.12 | 28.0172 | 6.02166667 | 13.71 | 24.8099 |
| 5.68636574 | 14.34 | 30.2274 | 5.85407407 | 14.12 | 28.204 | 6.02178241 | 13.71 | 24.9534 |
| 5.68648148 | 14.34 | 30.2019 | 5.85418982 | 14.17 | 28.5521 | 6.02189815 | 13.69 | 24.9296 |
| 5.68659722 | 14.34 | 30.3253 | 5.85430556 | 14.09 | 27.9518 | 6.02201389 | 13.69 | 24.6976 |
| 5.68671296 | 14.32 | 30.761 | 5.8544213 | 14.09 | 28.0827 | 6.02212963 | 13.72 | 25.0778 |
| 5.6868287 | 14.32 | 30.656 | 5.85453704 | 14.09 | 28.0171 | 6.02224537 | 13.74 | 25.1827 |
| 5.68694444 | 14.32 | 30.5301 | 5.85465278 | 14.11 | 28.0755 | 6.02236111 | 13.74 | 25.174 |
| 5.68706019 | 14.34 | 30.454 | 5.85476852 | 14.09 | 27.9989 | 6.02247685 | 13.72 | 25.0407 |
| 5.68717593 | 14.32 | 30.6822 | 5.85488426 | 14.09 | 28.0207 | 6.02259259 | 13.72 | 24.9328 |
| 5.68729167 | 14.32 | 30.6212 | 5.855 | 14.12 | 28.3896 | 6.02270833 | 13.71 | 24.8604 |
| 5.68740741 | 14.34 | 30.5706 | 5.85511574 | 14.09 | 27.9953 | 6.02282407 | 13.68 | 24.6847 |
| 5.68752315 | 14.32 | 30.6038 | 5.85523148 | 14.09 | 27.9663 | 6.02293982 | 13.68 | 24.6985 |
| 5.68763889 | 14.32 | 30.6342 | 5.85534722 | 14.09 | 27.9627 | 6.02305556 | 13.68 | 24.6708 |
| 5.68775463 | 14.31 | 30.8437 | 5.85546296 | 14.08 | 27.9157 | 6.0231713 | 13.68 | 24.729 |
| 5.68787037 | 14.31 | 30.8525 | 5.8555787 | 14.08 | 27.941 | 6.02328704 | 13.68 | 24.7096 |
| 5.68798611 | 14.31 | 30.826 | 5.85569444 | 14.08 | 27.9337 | 6.02340278 | 13.68 | 24.8013 |
| 5.68810185 | 14.32 | 30.6865 | 5.85581019 | 14.09 | 27.9917 | 6.02351852 | 13.68 | 24.779 |
| 5.68821759 | 14.34 | 30.2997 | 5.85592593 | 14.09 | 27.9844 | 6.02363426 | 13.71 | 24.9988 |
| 5.68833333 | 14.32 | 30.388 | 5.85604167 | 14.08 | 27.894 | 6.02375 | 13.68 | 24.7707 |
| 5.68844907 | 14.34 | 30.4024 | 5.85615741 | 14.05 | 27.79 | 6.02386574 | 13.69 | 24.806 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.68856482 | 14.32 | 30.3966 | 5.85627315 | 14.05 | 27.8725 | 6.02398148 | 13.71 | 24.8519 |
| 5.68868056 | 14.32 | 30.4181 | 5.85638889 | 14.08 | 27.9084 | 6.02409722 | 13.69 | 24.8761 |
| 5.6887963 | 14.34 | 30.3895 | 5.85650463 | 14.09 | 27.9446 | 6.02421296 | 13.68 | 24.7902 |
| 5.68891204 | 14.32 | 30.4138 | 5.85662037 | 14.09 | 27.9301 | 6.0243287 | 13.69 | 24.8228 |
| 5.68902778 | 14.34 | 30.441 | 5.85673611 | 14.07 | 27.8114 | 6.02444444 | 13.68 | 24.7846 |
| 5.68914352 | 14.32 | 30.3623 | 5.85685185 | 14.04 | 27.7508 | 6.02456019 | 13.67 | 24.716 |
| 5.68925926 | 14.34 | 30.3552 | 5.85696759 | 14.02 | 27.7688 | 6.02467593 | 13.68 | 24.7762 |
| 5.689375 | 14.34 | 30.3981 | 5.85708333 | 14.02 | 27.6764 | 6.02479167 | 13.68 | 24.6957 |
| 5.68949074 | 14.32 | 30.4052 | 5.85719907 | 14.02 | 27.6658 | 6.02490741 | 13.68 | 24.7679 |
| 5.68960648 | 14.32 | 30.4009 | 5.85731482 | 13.99 | 27.659 | 6.02502315 | 13.69 | 24.9296 |
| 5.68972222 | 14.34 | 30.4024 | 5.85743056 | 13.99 | 27.6413 | 6.02513889 | 13.71 | 25.0672 |
| 5.68983796 | 14.34 | 30.3981 | 5.8575463 | 14.01 | 27.6942 | 6.02525463 | 13.71 | 24.9449 |
| 5.6899537 | 14.32 | 30.4611 | 5.85766204 | 14.01 | 27.7155 | 6.02537037 | 13.68 | 24.6874 |
| 5.69006944 | 14.34 | 30.4755 | 5.85777778 | 14.01 | 27.7155 | 6.02548611 | 13.69 | 24.9381 |
| 5.69018519 | 14.32 | 30.4525 | 5.85789352 | 14.01 | 27.6447 | 6.02560185 | 13.71 | 25.07 |
| 5.69030093 | 14.34 | 30.4626 | 5.85800926 | 13.99 | 27.6484 | 6.02571759 | 13.74 | 25.3075 |
| 5.69041667 | 14.34 | 30.4195 | 5.858125 | 14.04 | 27.8223 | 6.02583333 | 13.72 | 25.2566 |
| 5.69053241 | 14.32 | 30.4352 | 5.85824074 | 14.08 | 27.9772 | 6.02594907 | 13.74 | 25.3075 |
| 5.69064815 | 14.32 | 30.4697 | 5.85835648 | 14.12 | 28.2262 | 6.02606482 | 13.72 | 25.1008 |
| 5.69076389 | 14.32 | 30.5647 | 5.85847222 | 14.09 | 28.0207 | 6.02618056 | 13.69 | 25.0061 |
| 5.69087963 | 14.32 | 30.5388 | 5.85858796 | 14.09 | 28.0426 | 6.0262963 | 13.68 | 24.8994 |
| 5.69099537 | 14.32 | 30.4697 | 5.8587037 | 14.08 | 27.9663 | 6.02641204 | 13.71 | 24.9449 |
| 5.69111111 | 14.32 | 30.4912 | 5.85881944 | 14.07 | 27.9301 | 6.02652778 | 13.69 | 24.9834 |
| 5.69122685 | 14.32 | 30.5215 | 5.85893519 | 14.08 | 27.9953 | 6.02664352 | 13.68 | 24.8125 |
| 5.69134259 | 14.31 | 30.5293 | 5.85905093 | 14.08 | 27.9518 | 6.02675926 | 13.68 | 24.8377 |
| 5.69145833 | 14.32 | 30.5474 | 5.85916667 | 14.09 | 27.9772 | 6.026875 | 13.69 | 25.0232 |
| 5.69157407 | 14.32 | 30.5171 | 5.85928241 | 14.09 | 28.0645 | 6.02699074 | 13.68 | 24.9023 |
| 5.69168982 | 14.32 | 30.5388 | 5.85939815 | 14.12 | 28.1341 | 6.02710648 | 13.69 | 24.9976 |
| 5.69180556 | 14.32 | 30.5517 | 5.85951389 | 14.09 | 27.9554 | 6.02722222 | 13.68 | 24.9418 |
| 5.6919213 | 14.31 | 30.5553 | 5.85962963 | 14.08 | 27.959 | 6.02733796 | 13.68 | 24.8517 |
| 5.69203704 | 14.32 | 30.5734 | 5.85974537 | 14.07 | 27.8401 | 6.0274537 | 13.69 | 24.9636 |
| 5.69215278 | 14.29 | 30.6362 | 5.85986111 | 14.07 | 27.8581 | 6.02756944 | 13.68 | 24.8685 |
| 5.69226852 | 14.31 | 30.7645 | 5.85997685 | 14.07 | 27.9012 | 6.02768519 | 13.68 | 24.8433 |
| 5.69238426 | 14.31 | 30.7645 | 5.86009259 | 14.07 | 27.9012 | 6.02780093 | 13.67 | 24.8245 |
| 5.6925 | 14.31 | 30.972 | 5.86020833 | 14.09 | 27.9844 | 6.02791667 | 13.67 | 24.7298 |
| 5.69261574 | 14.29 | 30.9747 | 5.86032407 | 14.08 | 27.9518 | 6.02803241 | 13.67 | 24.7465 |
| 5.69273148 | 14.29 | 30.8949 | 5.86043982 | 14.09 | 28.0864 | 6.02814815 | 13.67 | 24.8806 |
| 5.69284722 | 14.29 | 30.9303 | 5.86055556 | 14.08 | 27.9121 | 6.02826389 | 13.68 | 24.9757 |
| 5.69296296 | 14.29 | 30.9215 | 5.8606713 | 14.08 | 27.9735 | 6.02837963 | 13.68 | 25.0896 |
| 5.6930787 | 14.29 | 30.9392 | 5.86078704 | 14.07 | 27.8688 | 6.02849537 | 13.69 | 24.9721 |
| 5.69319444 | 14.29 | 30.864 | 5.86090278 | 14.09 | 28.1744 | 6.02861111 | 13.68 | 24.9644 |
| 5.69331019 | 14.29 | 30.8244 | 5.86101852 | 14.08 | 27.9048 | 6.02872685 | 13.68 | 24.9276 |
| 5.69342593 | 14.29 | 30.8817 | 5.86113426 | 14.09 | 28.0062 | 6.02884259 | 13.67 | 24.8722 |
| 5.69354167 | 14.31 | 30.8216 | 5.86125 | 14.08 | 27.9373 | 6.02895833 | 13.69 | 25.1203 |
| 5.69365741 | 14.31 | 30.7645 | 5.86136574 | 14.08 | 27.9157 | 6.02907407 | 13.68 | 24.9418 |
| 5.69377315 | 14.31 | 30.7514 | 5.86148148 | 14.05 | 27.8258 | 6.02918982 | 13.71 | 25.0901 |
| 5.69388889 | 14.31 | 30.6988 | 5.86159722 | 14.05 | 27.8689 | 6.02930556 | 13.68 | 24.9956 |
| 5.69400463 | 14.31 | 30.7032 | 5.86171296 | 14.05 | 27.8617 | 6.0294213 | 13.67 | 24.9031 |
| 5.69412037 | 14.31 | 30.6988 | 5.8618287 | 14.09 | 28.1156 | 6.02953704 | 13.69 | 24.9409 |
| 5.69423611 | 14.31 | 30.6596 | 5.86194444 | 14.08 | 27.8509 | 6.02965278 | 13.71 | 25.1504 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.69435185 | 14.32 | 30.6299 | 5.86206019 | 14.08 | 27.959 | 6.02976852 | 13.75 | 25.4833 |
| 5.69446759 | 14.31 | 30.5943 | 5.86217593 | 14.07 | 27.9193 | 6.02988426 | 13.75 | 25.4596 |
| 5.69458333 | 14.31 | 30.6247 | 5.86229167 | 14.05 | 27.8617 | 6.03 | 13.75 | 25.5308 |
| 5.69469907 | 14.31 | 30.6509 | 5.86240741 | 14.08 | 27.8616 | 6.03011574 | 13.71 | 25.1763 |
| 5.69481482 | 14.32 | 30.6299 | 5.86252315 | 14.07 | 27.8976 | 6.03023148 | 13.69 | 25.0203 |
| 5.69493056 | 14.31 | 30.6509 | 5.86263889 | 14.05 | 27.8797 | 6.03034722 | 13.67 | 24.9087 |
| 5.6950463 | 14.31 | 30.6378 | 5.86275463 | 14.04 | 27.7722 | 6.03046296 | 13.65 | 24.8683 |
| 5.69516204 | 14.32 | 30.656 | 5.86287037 | 14.02 | 27.7154 | 6.0305787 | 13.65 | 24.7956 |
| 5.69527778 | 14.32 | 30.6125 | 5.86298611 | 14.02 | 27.7261 | 6.03069444 | 13.65 | 24.8683 |
| 5.69539352 | 14.31 | 30.6117 | 5.86310185 | 14.02 | 27.7083 | 6.03081019 | 13.65 | 24.7956 |
| 5.69550926 | 14.31 | 30.6726 | 5.86321759 | 14.01 | 27.68 | 6.03092593 | 13.67 | 25.0106 |
| 5.695625 | 14.31 | 30.6421 | 5.86333333 | 14.01 | 27.7048 | 6.03104167 | 13.67 | 24.9539 |
| 5.69574074 | 14.32 | 30.6429 | 5.86344907 | 13.99 | 27.6979 | 6.03115741 | 13.67 | 24.8862 |
| 5.69585648 | 14.31 | 30.6334 | 5.86356482 | 14.01 | 27.6694 | 6.03127315 | 13.65 | 24.8095 |
| 5.69597222 | 14.31 | 30.6291 | 5.86368056 | 13.99 | 27.6767 | 6.03138889 | 13.65 | 24.7649 |
| 5.69608796 | 14.32 | 30.6342 | 5.8637963 | 13.99 | 27.6272 | 6.03150463 | 13.64 | 24.7491 |
| 5.6962037 | 14.31 | 30.6639 | 5.86391204 | 13.99 | 27.6307 | 6.03162037 | 13.67 | 24.8497 |
| 5.69631944 | 14.32 | 30.6473 | 5.86402778 | 13.99 | 27.6378 | 6.03173611 | 13.64 | 24.7491 |
| 5.69643519 | 14.31 | 30.6683 | 5.86414352 | 13.99 | 27.6944 | 6.03185185 | 13.67 | 24.9172 |
| 5.69655093 | 14.31 | 30.8172 | 5.86425926 | 14.04 | 27.8869 | 6.03196759 | 13.65 | 24.8179 |
| 5.69666667 | 14.31 | 30.8481 | 5.864375 | 14.04 | 27.9121 | 6.03208333 | 13.65 | 24.9076 |
| 5.69678241 | 14.31 | 30.8569 | 5.86449074 | 14.07 | 27.9808 | 6.03219907 | 13.67 | 24.9313 |
| 5.69689815 | 14.31 | 30.826 | 5.86460648 | 14.09 | 28.0062 | 6.03231482 | 13.68 | 25.1326 |
| 5.69701389 | 14.31 | 30.7952 | 5.86472222 | 14.07 | 27.9157 | 6.03243056 | 13.68 | 25.0411 |
| 5.69712963 | 14.31 | 30.7645 | 5.86483796 | 14.07 | 27.9554 | 6.0325463 | 13.71 | 25.2864 |
| 5.69724537 | 14.31 | 30.7557 | 5.8649537 | 14.07 | 27.9121 | 6.03266204 | 13.69 | 25.1548 |
| 5.69736111 | 14.29 | 30.7541 | 5.86506944 | 14.12 | 28.2706 | 6.03277778 | 13.71 | 25.3244 |
| 5.69747685 | 14.31 | 30.7076 | 5.86518519 | 14.09 | 28.167 | 6.03289352 | 13.71 | 25.3507 |
| 5.69759259 | 14.31 | 30.3445 | 5.86530093 | 14.08 | 28.0207 | 6.03300926 | 13.71 | 25.3624 |
| 5.69770833 | 14.31 | 29.9895 | 5.86541667 | 14.08 | 28.0571 | 6.033125 | 13.71 | 25.2777 |
| 5.69782407 | 14.32 | 29.5614 | 5.86553241 | 14.08 | 28.0498 | 6.03324074 | 13.75 | 25.513 |
| 5.69793982 | 14.37 | 27.1564 | 5.86564815 | 14.08 | 27.9953 | 6.03335648 | 13.74 | 25.5226 |
| 5.69805556 | 14.32 | 29.8239 | 5.86576389 | 14.08 | 28.0863 | 6.03347222 | 13.72 | 25.518 |
| 5.6981713 | 14.32 | 30.1287 | 5.86587963 | 14.09 | 28.2149 | 6.03358796 | 13.75 | 25.5934 |
| 5.69828704 | 14.32 | 30.0446 | 5.86599537 | 14.09 | 28.0864 | 6.0337037 | 13.75 | 25.6324 |
| 5.69840278 | 14.31 | 30.1449 | 5.86611111 | 14.11 | 28.1819 | 6.03381944 | 13.75 | 25.5964 |
| 5.69851852 | 14.32 | 30.1456 | 5.86622685 | 14.11 | 28.1414 | 6.03393519 | 13.75 | 25.5606 |
| 5.69863426 | 14.31 | 30.2295 | 5.86634259 | 14.11 | 28.1011 | 6.03405093 | 13.74 | 25.6091 |
| 5.69875 | 14.31 | 30.0733 | 5.86645833 | 14.12 | 28.2299 | 6.03416667 | 13.74 | 25.5583 |
| 5.69886574 | 14.32 | 30.0152 | 5.86657407 | 14.14 | 28.2968 | 6.03428241 | 13.69 | 25.1952 |
| 5.69898148 | 14.32 | 29.7661 | 5.86668982 | 14.11 | 28.0828 | 6.03439815 | 13.68 | 25.1011 |
| 5.69909722 | 14.34 | 29.0545 | 5.86680556 | 14.08 | 27.988 | 6.03451389 | 13.65 | 24.8992 |
| 5.69921296 | 14.34 | 29.2166 | 5.8669213 | 14.04 | 27.8402 | 6.03462963 | 13.67 | 25.039 |
| 5.6993287 | 14.32 | 29.3475 | 5.86703704 | 14.02 | 27.7902 | 6.03474537 | 13.68 | 25.0439 |
| 5.69944444 | 14.37 | 27.7865 | 5.86715278 | 14.04 | 27.8617 | 6.03486111 | 13.67 | 25.1363 |
| 5.69956019 | 14.41 | 25.0232 | 5.86726852 | 14.04 | 27.8259 | 6.03497685 | 13.64 | 24.8888 |
| 5.69967593 | 14.39 | 25.4954 | 5.86738426 | 14.04 | 27.8689 | 6.03509259 | 13.65 | 24.9754 |
| 5.69979167 | 14.37 | 27.895 | 5.8675 | 14.04 | 27.9121 | 6.03520833 | 13.65 | 24.9386 |
| 5.69990741 | 14.35 | 28.2402 | 5.86761574 | 14.07 | 27.9518 | 6.03532407 | 13.65 | 25.0293 |
| 5.70002315 | 14.35 | 28.5067 | 5.86773148 | 14.08 | 28.0316 | 6.03543982 | 13.68 | 25.2829 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70013889 | 14.32 | 30.074 | 5.86784722 | 14.08 | 28.0498 | 6.03555556 | 13.67 | 25.1248 |
| 5.70025463 | 14.34 | 29.0074 | 5.86796296 | 14.05 | 27.9373 | 6.0356713 | 13.65 | 25.0464 |
| 5.70037037 | 14.35 | 28.1032 | 5.8680787 | 14.02 | 27.7724 | 6.03578704 | 13.65 | 24.9048 |
| 5.70048611 | 14.32 | 29.6962 | 5.86819444 | 14.02 | 27.8009 | 6.03590278 | 13.64 | 24.8216 |
| 5.70060185 | 14.32 | 30.0572 | 5.86831019 | 14.04 | 27.8689 | 6.03601852 | 13.64 | 24.7769 |
| 5.70071759 | 14.32 | 30.0027 | 5.86842593 | 14.04 | 27.8617 | 6.03613426 | 13.62 | 24.8373 |
| 5.70083333 | 14.32 | 29.7908 | 5.86854167 | 14.04 | 27.8797 | 6.03625 | 13.64 | 24.8299 |
| 5.70094907 | 14.32 | 30.053 | 5.86865741 | 14.08 | 28.0571 | 6.03636574 | 13.64 | 24.8216 |
| 5.70106482 | 14.32 | 30.1371 | 5.86877315 | 14.09 | 28.1047 | 6.03648148 | 13.65 | 24.9839 |
| 5.70118056 | 14.32 | 29.8404 | 5.86888889 | 14.12 | 28.2077 | 6.03659722 | 13.64 | 24.8916 |
| 5.7012963 | 14.34 | 29.7301 | 5.86900463 | 14.09 | 28.0718 | 6.03671296 | 13.64 | 25.0045 |
| 5.70141204 | 14.32 | 29.7661 | 5.86912037 | 14.08 | 28.0135 | 6.0368287 | 13.68 | 25.28 |
| 5.70152778 | 14.32 | 29.9651 | 5.86923611 | 14.11 | 28.1635 | 6.03694444 | 13.68 | 25.2625 |
| 5.70164352 | 14.32 | 30.0782 | 5.86935185 | 14.11 | 28.1819 | 6.03706019 | 13.68 | 25.2162 |
| 5.70175926 | 14.32 | 30.1413 | 5.86946759 | 14.11 | 28.0718 | 6.03717593 | 13.67 | 25.0847 |
| 5.701875 | 14.32 | 29.8487 | 5.86958333 | 14.12 | 28.1709 | 6.03729167 | 13.67 | 25.1852 |
| 5.70199074 | 14.32 | 29.9693 | 5.86969907 | 14.17 | 28.3679 | 6.03740741 | 13.67 | 25.1162 |
| 5.70210648 | 14.32 | 30.154 | 5.86981482 | 14.17 | 28.4091 | 6.03752315 | 13.67 | 25.2953 |
| 5.70222222 | 14.32 | 30.1329 | 5.86993056 | 14.17 | 28.4278 | 6.03763889 | 13.69 | 25.4639 |
| 5.70233796 | 14.32 | 29.9568 | 5.8700463 | 14.09 | 28.0718 | 6.03775463 | 13.72 | 25.6884 |
| 5.7024537 | 14.32 | 29.8694 | 5.87016204 | 14.11 | 28.1304 | 6.03787037 | 13.75 | 25.7136 |
| 5.70256944 | 14.32 | 29.8239 | 5.87027778 | 14.09 | 28.0864 | 6.03798611 | 13.75 | 25.7287 |
| 5.70268519 | 14.32 | 29.7702 | 5.87039352 | 14.08 | 27.9663 | 6.03810185 | 13.75 | 25.7257 |
| 5.70280093 | 14.32 | 29.5614 | 5.87050926 | 14.07 | 27.9229 | 6.03821759 | 13.74 | 25.6962 |
| 5.70291667 | 14.32 | 29.7085 | 5.870625 | 14.07 | 27.9012 | 6.03833333 | 13.74 | 25.6721 |
| 5.70303241 | 14.32 | 30.0027 | 5.87074074 | 14.07 | 27.9012 | 6.03844907 | 13.74 | 25.8052 |
| 5.70314815 | 14.34 | 29.3444 | 5.87085648 | 14.04 | 27.8438 | 6.03856482 | 13.74 | 25.4751 |
| 5.70326389 | 14.34 | 29.0703 | 5.87097222 | 14.04 | 27.8223 | 6.03868056 | 13.75 | 25.832 |
| 5.70337963 | 14.32 | 29.1168 | 5.87108796 | 14.02 | 27.8009 | 6.0387963 | 13.69 | 25.2792 |
| 5.70349537 | 14.32 | 29.1524 | 5.8712037 | 14.02 | 27.7973 | 6.03891204 | 13.69 | 25.3697 |
| 5.70361111 | 14.34 | 29.173 | 5.87131944 | 14.02 | 27.8081 | 6.03902778 | 13.67 | 25.0675 |
| 5.70372685 | 14.34 | 29.0388 | 5.87143519 | 14.01 | 27.7546 | 6.03914352 | 13.67 | 25.1076 |
| 5.70384259 | 14.34 | 28.98 | 5.87155093 | 14.02 | 27.7902 | 6.03925926 | 13.67 | 25.1996 |
| 5.70395833 | 14.34 | 28.9136 | 5.87166667 | 14.01 | 27.7475 | 6.039375 | 13.65 | 24.9952 |
| 5.70407407 | 14.34 | 28.937 | 5.87178241 | 14.01 | 27.7795 | 6.03949074 | 13.62 | 24.8709 |
| 5.70418982 | 14.34 | 28.9643 | 5.87189815 | 14.05 | 27.9482 | 6.03960648 | 13.64 | 24.9085 |
| 5.70430556 | 14.34 | 28.9175 | 5.87201389 | 14.05 | 27.959 | 6.03972222 | 13.64 | 24.8439 |
| 5.7044213 | 14.34 | 28.7702 | 5.87212963 | 14.04 | 27.8546 | 6.03983796 | 13.64 | 24.8719 |
| 5.70453704 | 14.32 | 28.8547 | 5.87224537 | 14.02 | 27.7581 | 6.0399537 | 13.62 | 24.8793 |
| 5.70465278 | 14.34 | 28.8282 | 5.87236111 | 14.02 | 27.8188 | 6.04006944 | 13.62 | 24.8653 |
| 5.70476852 | 14.34 | 29.1928 | 5.87247685 | 14.07 | 28.0134 | 6.04018519 | 13.64 | 24.8832 |
| 5.70488426 | 14.32 | 29.6144 | 5.87259259 | 14.12 | 28.2891 | 6.04030093 | 13.65 | 25.0407 |
| 5.705 | 14.34 | 29.5503 | 5.87270833 | 14.17 | 28.3903 | 6.04041667 | 13.62 | 24.8877 |
| 5.70511574 | 14.34 | 29.2087 | 5.87282407 | 14.15 | 28.4726 | 6.04053241 | 13.64 | 24.9113 |
| 5.70523148 | 14.35 | 28.7281 | 5.87293982 | 14.17 | 28.3791 | 6.04064815 | 13.64 | 24.9819 |
| 5.70534722 | 14.34 | 28.898 | 5.87305556 | 14.15 | 28.405 | 6.04076389 | 13.64 | 24.9508 |
| 5.70546296 | 14.32 | 29.6675 | 5.8731713 | 14.12 | 28.2188 | 6.04087963 | 13.64 | 24.9028 |
| 5.7055787 | 14.31 | 29.9395 | 5.87328704 | 14.12 | 28.1967 | 6.04099537 | 13.62 | 24.9242 |
| 5.70569444 | 14.32 | 29.6225 | 5.87340278 | 14.09 | 28.09 | 6.04111111 | 13.64 | 24.9819 |
| 5.70581019 | 14.34 | 29.1809 | 5.87351852 | 14.07 | 28.0025 | 6.04122685 | 13.65 | 25.0749 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.70592593 | 14.38 | 26.4889 | 5.87363426 | 14.05 | 27.9121 | 6.04134259 | 13.67 | 25.1593 |
| 5.70604167 | 14.39 | 25.271 | 5.87375 | 14.04 | 27.9337 | 6.04145833 | 13.65 | 25.1293 |
| 5.70615741 | 14.39 | 25.5469 | 5.87386574 | 14.04 | 27.9121 | 6.04157407 | 13.71 | 25.5782 |
| 5.70627315 | 14.41 | 24.5088 | 5.87398148 | 14.01 | 27.7582 | 6.04168982 | 13.71 | 25.5454 |
| 5.70638889 | 14.41 | 24.7362 | 5.87409722 | 13.99 | 27.7797 | 6.04180556 | 13.69 | 25.3756 |
| 5.70650463 | 14.42 | 23.5487 | 5.87421296 | 13.99 | 27.7512 | 6.0419213 | 13.72 | 25.8095 |
| 5.70662037 | 14.42 | 24.1413 | 5.8743287 | 13.99 | 27.705 | 6.04203704 | 13.74 | 25.7779 |
| 5.70673611 | 14.41 | 24.8559 | 5.87444444 | 13.99 | 27.7547 | 6.04215278 | 13.74 | 25.8022 |
| 5.70685185 | 14.39 | 25.761 | 5.87456019 | 13.99 | 27.8011 | 6.04226852 | 13.75 | 25.835 |
| 5.70696759 | 14.38 | 26.5643 | 5.87467593 | 14.01 | 27.826 | 6.04238426 | 13.75 | 25.8625 |
| 5.70708333 | 14.38 | 26.6567 | 5.87479167 | 14.02 | 27.826 | 6.0425 | 13.77 | 25.9165 |
| 5.70719907 | 14.38 | 26.9413 | 5.87490741 | 14.01 | 27.8117 | 6.04261574 | 13.77 | 25.9997 |
| 5.70731482 | 14.38 | 27.1529 | 5.87502315 | 14.02 | 27.8762 | 6.04273148 | 13.75 | 25.8595 |
| 5.70743056 | 14.37 | 27.452 | 5.87513889 | 14.04 | 28.0279 | 6.04284722 | 13.77 | 25.8919 |
| 5.7075463 | 14.37 | 27.8623 | 5.87525463 | 14.01 | 27.8547 | 6.04296296 | 13.78 | 26.0425 |
| 5.70766204 | 14.35 | 28.2179 | 5.87537037 | 14.02 | 27.8762 | 6.0430787 | 13.77 | 25.9843 |
| 5.70777778 | 14.35 | 28.1253 | 5.87548611 | 14.01 | 27.8582 | 6.04319444 | 13.75 | 25.8778 |
| 5.70789352 | 14.35 | 28.3035 | 5.87560185 | 13.99 | 27.8082 | 6.04331019 | 13.75 | 25.7772 |
| 5.70800926 | 14.35 | 27.7792 | 5.87571759 | 13.99 | 27.7441 | 6.04342593 | 13.71 | 25.5276 |
| 5.708125 | 14.37 | 27.1358 | 5.87583333 | 14.04 | 27.9808 | 6.04354167 | 13.71 | 25.5782 |
| 5.70824074 | 14.38 | 26.9244 | 5.87594907 | 14.05 | 28.0571 | 6.04365741 | 13.71 | 25.5365 |
| 5.70835648 | 14.38 | 26.9718 | 5.87606482 | 14.04 | 27.9735 | 6.04377315 | 13.71 | 25.5603 |
| 5.70847222 | 14.38 | 26.9312 | 5.87618056 | 14.04 | 27.9844 | 6.04388889 | 13.68 | 25.3237 |
| 5.70858796 | 14.38 | 27.0808 | 5.8762963 | 14.04 | 27.8977 | 6.04400463 | 13.68 | 25.2945 |
| 5.7087037 | 14.38 | 27.0877 | 5.87641204 | 14.01 | 27.8188 | 6.04412037 | 13.67 | 25.0818 |
| 5.70881944 | 14.38 | 26.7565 | 5.87652778 | 14.02 | 27.8439 | 6.04423611 | 13.65 | 25.0606 |
| 5.70893519 | 14.38 | 26.9888 | 5.87664352 | 13.99 | 27.7761 | 6.04435185 | 13.65 | 25.0863 |
| 5.70905093 | 14.38 | 26.3168 | 5.87675926 | 14.02 | 27.8045 | 6.04446759 | 13.65 | 25.1121 |
| 5.70916667 | 14.37 | 27.2012 | 5.876875 | 13.99 | 27.7512 | 6.04458333 | 13.65 | 25.0834 |
| 5.70928241 | 14.38 | 27.1666 | 5.87699074 | 13.99 | 27.7192 | 6.04469907 | 13.65 | 25.0863 |
| 5.70939815 | 14.37 | 27.3539 | 5.87710648 | 13.98 | 27.7264 | 6.04481482 | 13.65 | 25.0949 |
| 5.70951389 | 14.38 | 27.2877 | 5.87722222 | 13.98 | 27.698 | 6.04493056 | 13.64 | 25.0843 |
| 5.70962963 | 14.37 | 27.526 | 5.87733796 | 13.98 | 27.7264 | 6.0450463 | 13.64 | 25.0871 |
| 5.70974537 | 14.37 | 27.6538 | 5.8774537 | 13.98 | 27.6945 | 6.04516204 | 13.64 | 25.0843 |
| 5.70986111 | 14.37 | 27.7433 | 5.87756944 | 13.98 | 27.6838 | 6.04527778 | 13.64 | 25.1157 |
| 5.70997685 | 14.37 | 27.6788 | 5.87768519 | 13.98 | 27.7015 | 6.04539352 | 13.64 | 25.1014 |
| 5.71009259 | 14.35 | 27.8044 | 5.87780093 | 13.98 | 27.7015 | 6.04550926 | 13.65 | 25.1121 |
| 5.71020833 | 14.37 | 27.466 | 5.87791667 | 13.98 | 27.6838 | 6.045625 | 13.65 | 25.1494 |
| 5.71032407 | 14.37 | 27.2531 | 5.87803241 | 13.98 | 27.7228 | 6.04574074 | 13.65 | 25.181 |
| 5.71043982 | 14.37 | 27.1908 | 5.87814815 | 13.98 | 27.7122 | 6.04585648 | 13.67 | 25.1737 |
| 5.71055556 | 14.35 | 27.8044 | 5.87826389 | 13.99 | 27.737 | 6.04597222 | 13.65 | 25.2127 |
| 5.7106713 | 14.35 | 27.6503 | 5.87837963 | 13.99 | 27.7192 | 6.04608796 | 13.65 | 25.1896 |
| 5.71078704 | 14.35 | 27.4872 | 5.87849537 | 13.99 | 27.7547 | 6.0462037 | 13.67 | 25.272 |
| 5.71090278 | 14.35 | 27.4767 | 5.87861111 | 13.98 | 27.737 | 6.04631944 | 13.67 | 25.2807 |
| 5.71101852 | 14.37 | 27.2081 | 5.87872685 | 13.98 | 27.7335 | 6.04643519 | 13.65 | 25.2794 |
| 5.71113426 | 14.37 | 26.33 | 5.87884259 | 13.98 | 27.7015 | 6.04655093 | 13.68 | 25.2916 |
| 5.71125 | 14.37 | 27.0298 | 5.87895833 | 13.99 | 27.705 | 6.04666667 | 13.69 | 25.5053 |
| 5.71136574 | 14.35 | 27.375 | 5.87907407 | 13.98 | 27.7122 | 6.04678241 | 13.69 | 25.532 |
| 5.71148148 | 14.37 | 26.7934 | 5.87918982 | 13.98 | 27.7122 | 6.04689815 | 13.71 | 25.5782 |
| 5.71159722 | 14.37 | 27.3748 | 5.87930556 | 13.98 | 27.7193 | 6.04701389 | 13.72 | 25.6584 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.71171296 | 14.37 | 26.9991 | 5.8794213 | 14.04 | 27.9916 | 6.04712963 | 13.74 | 25.8754 |
| 5.7118287 | 14.37 | 26.7267 | 5.87953704 | 14.02 | 27.8654 | 6.04724537 | 13.71 | 25.5902 |
| 5.71194444 | 14.37 | 27.4274 | 5.87965278 | 14.02 | 27.9049 | 6.04736111 | 13.72 | 25.6344 |
| 5.71206019 | 14.35 | 28.7089 | 5.87976852 | 14.01 | 27.8511 | 6.04747685 | 13.74 | 25.7264 |
| 5.71217593 | 14.34 | 28.4422 | 5.87988426 | 14.01 | 27.8081 | 6.04759259 | 13.77 | 25.9565 |
| 5.71229167 | 14.34 | 28.9448 | 5.88 | 14.02 | 27.851 | 6.04770833 | 13.71 | 25.4802 |
| 5.71240741 | 14.35 | 28.1069 | 5.88011574 | 14.02 | 27.8834 | 6.04782407 | 13.69 | 25.532 |
| 5.71252315 | 14.37 | 26.4598 | 5.88023148 | 14.02 | 27.8439 | 6.04793982 | 13.78 | 26.0239 |
| 5.71263889 | 14.39 | 24.2005 | 5.88034722 | 14.01 | 27.8511 | 6.04805556 | 13.74 | 25.645 |
| 5.71275463 | 14.38 | 25.9857 | 5.88046296 | 14.01 | 27.8332 | 6.0481713 | 13.71 | 25.5246 |
| 5.71287037 | 14.37 | 27.4766 | 5.8805787 | 13.99 | 27.8154 | 6.04828704 | 13.74 | 25.5613 |
| 5.71298611 | 14.38 | 25.0862 | 5.88069444 | 14.01 | 27.7724 | 6.04840278 | 13.69 | 25.2676 |
| 5.71310185 | 14.42 | 23.0986 | 5.88081019 | 14.01 | 27.8367 | 6.04851852 | 13.71 | 25.3127 |
| 5.71321759 | 14.39 | 26.4984 | 5.88092593 | 14.02 | 27.8941 | 6.04863426 | 13.68 | 25.1556 |
| 5.71333333 | 14.37 | 27.0127 | 5.88104167 | 14.04 | 27.9193 | 6.04875 | 13.68 | 25.2393 |
| 5.71344907 | 14.39 | 24.6641 | 5.88115741 | 14.01 | 27.8188 | 6.04886574 | 13.74 | 25.7991 |
| 5.71356482 | 14.41 | 24.011 | 5.88127315 | 13.99 | 27.7904 | 6.04898148 | 13.74 | 25.5613 |
| 5.71368056 | 14.35 | 28.5067 | 5.88138889 | 13.99 | 27.7761 | 6.04909722 | 13.69 | 25.0061 |
| 5.7137963 | 14.35 | 28.6935 | 5.88150463 | 13.98 | 27.7584 | 6.04921296 | 13.71 | 25.2197 |
| 5.71391204 | 14.34 | 29.4127 | 5.88162037 | 13.99 | 27.7868 | 6.0493287 | 13.68 | 24.9814 |
| 5.71402778 | 14.37 | 27.215 | 5.88173611 | 13.99 | 27.8082 | 6.04944444 | 13.68 | 24.9389 |
| 5.71414352 | 14.37 | 26.385 | 5.88185185 | 14.01 | 27.8332 | 6.04956019 | 13.68 | 24.9644 |
| 5.71425926 | 14.39 | 25.6872 | 5.88196759 | 14.01 | 27.8224 | 6.04967593 | 13.67 | 24.9116 |
| 5.714375 | 14.39 | 26.8299 | 5.88208333 | 14.01 | 27.7974 | 6.04979167 | 13.67 | 24.9003 |
| 5.71449074 | 14.38 | 26.5479 | 5.88219907 | 13.99 | 27.8225 | 6.04990741 | 13.68 | 24.9502 |
| 5.71460648 | 14.35 | 28.4726 | 5.88231482 | 14.02 | 27.9049 | 6.05002315 | 13.68 | 24.9927 |
| 5.71472222 | 14.34 | 28.8553 | 5.88243056 | 14.04 | 27.9699 | 6.05013889 | 13.68 | 25.0041 |
| 5.71483796 | 14.35 | 26.2438 | 5.8825463 | 14.04 | 27.9374 | 6.05025463 | 13.67 | 24.7243 |
| 5.7149537 | 14.38 | 25.4207 | 5.88266204 | 14.04 | 28.0207 | 6.05037037 | 13.67 | 24.7188 |
| 5.71506944 | 14.38 | 24.8008 | 5.88277778 | 14.08 | 28.0936 | 6.05048611 | 13.67 | 24.7188 |
| 5.71518519 | 14.39 | 24.5325 | 5.88289352 | 14.05 | 28.0061 | 6.05060185 | 13.67 | 24.6057 |
| 5.71530093 | 14.39 | 24.8401 | 5.88300926 | 14.08 | 28.0608 | 6.05071759 | 13.65 | 24.6103 |
| 5.71541667 | 14.38 | 25.6754 | 5.883125 | 14.08 | 28.0353 | 6.05083333 | 13.67 | 24.6635 |
| 5.71553241 | 14.38 | 24.9643 | 5.88324074 | 14.05 | 27.9735 | 6.05094907 | 13.67 | 24.7021 |
| 5.71564815 | 14.37 | 25.9735 | 5.88335648 | 14.04 | 27.9265 | 6.05106482 | 13.67 | 24.7465 |
| 5.71576389 | 14.38 | 25.5868 | 5.88347222 | 14.02 | 27.923 | 6.05118056 | 13.67 | 24.9172 |
| 5.71587963 | 14.37 | 25.8829 | 5.88358796 | 14.02 | 27.8762 | 6.0512963 | 13.67 | 24.6469 |
| 5.71599537 | 14.38 | 25.4057 | 5.8837037 | 14.02 | 27.8546 | 6.05141204 | 13.67 | 24.7771 |
| 5.71611111 | 14.38 | 26.3071 | 5.88381944 | 14.02 | 27.8654 | 6.05152778 | 13.67 | 24.6359 |
| 5.71622685 | 14.39 | 25.2 | 5.88393519 | 14.01 | 27.8798 | 6.05164352 | 13.67 | 24.7243 |
| 5.71634259 | 14.39 | 25.1383 | 5.88405093 | 14.04 | 27.9808 | 6.05175926 | 13.67 | 24.7243 |
| 5.71645833 | 14.39 | 24.8258 | 5.88416667 | 14.07 | 28.0462 | 6.051875 | 13.65 | 24.8095 |
| 5.71657407 | 14.38 | 26.055 | 5.88428241 | 14.09 | 28.1597 | 6.05199074 | 13.68 | 24.7679 |
| 5.71668982 | 14.37 | 26.4728 | 5.88439815 | 14.09 | 28.1047 | 6.05210648 | 13.69 | 25.0888 |
| 5.71680556 | 14.38 | 24.6987 | 5.88451389 | 14.08 | 28.1119 | 6.05222222 | 13.68 | 24.9559 |
| 5.7169213 | 14.39 | 24.4936 | 5.88462963 | 14.08 | 28.0498 | 6.05233796 | 13.71 | 25.1907 |
| 5.71703704 | 14.38 | 25.2508 | 5.88474537 | 14.05 | 27.9482 | 6.0524537 | 13.72 | 25.1929 |
| 5.71715278 | 14.39 | 24.5353 | 5.88486111 | 14.02 | 27.869 | 6.05256944 | 13.69 | 25.1031 |
| 5.71726852 | 14.39 | 25.4472 | 5.88497685 | 14.01 | 27.9086 | 6.05268519 | 13.71 | 25.1302 |
| 5.71738426 | 14.39 | 25.268 | 5.88509259 | 14.02 | 27.9338 | 6.05280093 | 13.69 | 25.0488 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.7175 | 14.39 | 24.9204 | 5.88520833 | 14.09 | 28.2888 | 6.05291667 | 13.69 | 25.0602 |
| 5.71761574 | 14.38 | 25.1829 | 5.88532407 | 14.15 | 28.3192 | 6.05303241 | 13.71 | 25.113 |
| 5.71773148 | 14.38 | 25.7924 | 5.88543982 | 14.14 | 28.2745 | 6.05314815 | 13.69 | 25.0802 |
| 5.71784722 | 14.39 | 25.5742 | 5.88555556 | 14.12 | 28.204 | 6.05326389 | 13.71 | 25.0187 |
| 5.71796296 | 14.39 | 24.8572 | 5.8856713 | 14.11 | 28.0572 | 6.05337963 | 13.69 | 24.9947 |
| 5.7180787 | 14.39 | 24.9839 | 5.88578704 | 14.09 | 28.09 | 6.05349537 | 13.77 | 25.7942 |
| 5.71819444 | 14.39 | 25.0681 | 5.88590278 | 14.04 | 27.9301 | 6.05361111 | 13.77 | 25.4582 |
| 5.71831019 | 14.38 | 25.2923 | 5.88601852 | 14.01 | 27.8762 | 6.05372685 | 13.77 | 25.7517 |
| 5.71842593 | 14.37 | 27.0878 | 5.88613426 | 14.01 | 27.8547 | 6.05384259 | 13.77 | 25.6371 |
| 5.71854167 | 14.37 | 27.5189 | 5.88625 | 13.99 | 27.8655 | 6.05395833 | 13.78 | 25.6785 |
| 5.71865741 | 14.35 | 28.8595 | 5.88636574 | 13.99 | 27.8583 | 6.05407407 | 13.81 | 26.0006 |
| 5.71877315 | 14.35 | 28.6093 | 5.88648148 | 13.99 | 27.8333 | 6.05418982 | 13.81 | 26.0844 |
| 5.71888889 | 14.34 | 29.2047 | 5.88659722 | 13.98 | 27.8297 | 6.05430556 | 13.79 | 25.8479 |
| 5.71900463 | 14.34 | 29.7425 | 5.88671296 | 13.99 | 27.8333 | 6.0544213 | 13.75 | 25.3419 |
| 5.71912037 | 14.32 | 30.0404 | 5.8868287 | 13.99 | 27.8512 | 6.05453704 | 13.81 | 26.1657 |
| 5.71923611 | 14.34 | 29.3845 | 5.88694444 | 13.99 | 27.8619 | 6.05465278 | 13.84 | 26.3764 |
| 5.71935185 | 14.32 | 30.1034 | 5.88706019 | 13.98 | 27.8512 | 6.05476852 | 13.85 | 26.344 |
| 5.71946759 | 14.34 | 29.2485 | 5.88717593 | 13.99 | 27.8512 | 6.05488426 | 13.82 | 26.1276 |
| 5.71958333 | 14.34 | 29.8209 | 5.88729167 | 13.98 | 27.8369 | 6.055 | 13.81 | 25.8988 |
| 5.71969907 | 14.32 | 30.4783 | 5.88740741 | 13.98 | 27.8727 | 6.05511574 | 13.81 | 25.807 |
| 5.71981482 | 14.31 | 30.4002 | 5.88752315 | 13.99 | 27.8404 | 6.05523148 | 13.79 | 25.7383 |
| 5.71993056 | 14.32 | 30.154 | 5.88763889 | 13.99 | 27.8368 | 6.05534722 | 13.81 | 26.0782 |
| 5.7200463 | 14.32 | 30.2302 | 5.88775463 | 13.99 | 27.8619 | 6.05546296 | 13.82 | 26.0186 |
| 5.72016204 | 14.32 | 30.3196 | 5.88787037 | 13.98 | 27.8154 | 6.0555787 | 13.79 | 25.6568 |
| 5.72027778 | 14.32 | 29.8736 | 5.88798611 | 13.99 | 27.8082 | 6.05569444 | 13.79 | 25.6869 |
| 5.72039352 | 14.32 | 30.2005 | 5.88810185 | 13.99 | 27.8583 | 6.05581019 | 13.78 | 25.6184 |
| 5.72050926 | 14.34 | 29.8581 | 5.88821759 | 13.99 | 27.8619 | 6.05592593 | 13.81 | 25.8804 |
| 5.720625 | 14.34 | 30.3296 | 5.88833333 | 13.99 | 27.8655 | 6.05604167 | 13.77 | 25.14 |
| 5.72074074 | 14.34 | 28.4875 | 5.88844907 | 13.99 | 27.8727 | 6.05615741 | 13.77 | 25.1804 |
| 5.72085648 | 14.32 | 30.2387 | 5.88856482 | 13.99 | 27.8691 | 6.05627315 | 13.81 | 25.8161 |
| 5.72097222 | 14.32 | 30.4138 | 5.88868056 | 13.99 | 27.8619 | 6.05638889 | 13.82 | 26.059 |
| 5.72108796 | 14.32 | 29.9985 | 5.8887963 | 13.99 | 27.8619 | 6.05650463 | 13.82 | 26.0093 |
| 5.7212037 | 14.32 | 30.2897 | 5.88891204 | 13.99 | 27.8691 | 6.05662037 | 13.81 | 25.6315 |
| 5.72131944 | 14.32 | 29.6962 | 5.88902778 | 13.99 | 27.8583 | 6.05673611 | 13.79 | 25.549 |
| 5.72143519 | 14.34 | 29.0939 | 5.88914352 | 13.98 | 27.8333 | 6.05685185 | 13.75 | 25.1703 |
| 5.72155093 | 14.32 | 29.3035 | 5.88925926 | 13.99 | 27.8261 | 6.05696759 | 13.77 | 25.1804 |
| 5.72166667 | 14.32 | 28.6889 | 5.889375 | 13.98 | 27.6945 | 6.05708333 | 13.77 | 25.2616 |
| 5.72178241 | 14.34 | 28.3482 | 5.88949074 | 13.94 | 27.4911 | 6.05719907 | 13.78 | 25.3339 |
| 5.72189815 | 14.34 | 28.9604 | 5.88960648 | 13.91 | 27.3185 | 6.05731482 | 13.78 | 25.3573 |
| 5.72201389 | 14.32 | 28.0771 | 5.88972222 | 13.88 | 27.2609 | 6.05743056 | 13.74 | 24.9992 |
| 5.72212963 | 14.32 | 30.1667 | 5.88983796 | 13.89 | 27.2881 | 6.0575463 | 13.75 | 25.2021 |
| 5.72224537 | 14.34 | 28.2772 | 5.8899537 | 13.91 | 27.3082 | 6.05766204 | 13.84 | 26.1109 |
| 5.72236111 | 14.34 | 28.352 | 5.89006944 | 13.92 | 27.3735 | 6.05777778 | 13.88 | 26.4515 |
| 5.72247685 | 14.34 | 28.2586 | 5.89018519 | 13.91 | 27.3495 | 6.05789352 | 13.84 | 26.0548 |
| 5.72259259 | 14.32 | 28.438 | 5.89030093 | 13.91 | 27.3426 | 6.05800926 | 13.84 | 25.9927 |
| 5.72270833 | 14.34 | 28.6091 | 5.89041667 | 13.91 | 27.3357 | 6.058125 | 13.82 | 25.929 |
| 5.72282407 | 14.34 | 28.9526 | 5.89053241 | 13.92 | 27.3977 | 6.05824074 | 13.82 | 25.9475 |
| 5.72293982 | 14.32 | 29.643 | 5.89064815 | 13.92 | 27.4532 | 6.05835648 | 13.84 | 26.0206 |
| 5.72305556 | 14.34 | 29.1888 | 5.89076389 | 13.92 | 27.481 | 6.05847222 | 13.84 | 26.1297 |
| 5.7231713 | 14.31 | 29.9103 | 5.89087963 | 13.92 | 27.5124 | 6.05858796 | 13.84 | 25.9927 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72328704 | 14.32 | 29.2158 | 5.89099537 | 13.92 | 27.4532 | 6.0587037 | 13.84 | 26.1141 |
| 5.72340278 | 14.32 | 29.7208 | 5.89111111 | 13.94 | 27.4876 | 6.05881944 | 13.84 | 25.9525 |
| 5.72351852 | 14.32 | 28.8159 | 5.89122685 | 13.94 | 27.5751 | 6.05893519 | 13.87 | 26.359 |
| 5.72363426 | 14.34 | 28.4422 | 5.89134259 | 13.94 | 27.5435 | 6.05905093 | 13.85 | 26.1135 |
| 5.72375 | 14.34 | 28.9526 | 5.89145833 | 13.94 | 27.5156 | 6.05916667 | 13.84 | 26.0113 |
| 5.72386574 | 14.34 | 30.0039 | 5.89157407 | 13.95 | 27.5189 | 6.05928241 | 13.82 | 25.9814 |
| 5.72398148 | 14.34 | 28.3895 | 5.89168982 | 13.94 | 27.526 | 6.05939815 | 13.82 | 25.9845 |
| 5.72409722 | 14.32 | 29.4359 | 5.89180556 | 13.95 | 27.5574 | 6.05951389 | 13.82 | 25.9907 |
| 5.72421296 | 14.32 | 29.7249 | 5.8919213 | 13.95 | 27.5784 | 6.05962963 | 13.84 | 25.934 |
| 5.7243287 | 14.34 | 30.0333 | 5.89203704 | 13.95 | 27.5154 | 6.05974537 | 13.88 | 26.7804 |
| 5.72444444 | 14.32 | 29.7826 | 5.89215278 | 13.95 | 27.6171 | 6.05986111 | 13.85 | 26.148 |
| 5.72456019 | 14.32 | 29.1524 | 5.89226852 | 13.97 | 27.6627 | 6.05997685 | 13.89 | 26.7274 |
| 5.72467593 | 14.32 | 29.2357 | 5.89238426 | 13.97 | 27.691 | 6.06009259 | 13.89 | 26.7307 |
| 5.72479167 | 14.32 | 30.0069 | 5.8925 | 13.97 | 27.691 | 6.06020833 | 13.88 | 26.4966 |
| 5.72490741 | 14.34 | 29.3564 | 5.89261574 | 13.97 | 27.6098 | 6.06032407 | 13.87 | 26.289 |
| 5.72502315 | 14.32 | 29.6389 | 5.89273148 | 13.97 | 27.6946 | 6.06043982 | 13.87 | 26.2383 |
| 5.72513889 | 14.32 | 30.0069 | 5.89284722 | 13.97 | 27.7052 | 6.06055556 | 13.85 | 26.233 |
| 5.72525463 | 14.34 | 29.7672 | 5.89296296 | 13.98 | 27.7833 | 6.0606713 | 13.87 | 26.3942 |
| 5.72537037 | 14.32 | 29.8321 | 5.8930787 | 13.97 | 27.8084 | 6.06078704 | 13.87 | 26.497 |
| 5.72548611 | 14.32 | 29.6307 | 5.89319444 | 13.97 | 27.7265 | 6.06090278 | 13.89 | 26.5252 |
| 5.72560185 | 14.34 | 29.4087 | 5.89331019 | 13.97 | 27.631 | 6.06101852 | 13.88 | 26.3745 |
| 5.72571759 | 14.34 | 28.8592 | 5.89342593 | 13.95 | 27.6241 | 6.06113426 | 13.87 | 26.3463 |
| 5.72583333 | 14.32 | 28.5629 | 5.89354167 | 13.95 | 27.589 | 6.06125 | 13.89 | 26.6848 |
| 5.72594907 | 14.34 | 26.6016 | 5.89365741 | 13.95 | 27.603 | 6.06136574 | 13.91 | 26.6578 |
| 5.72606482 | 14.34 | 26.6908 | 5.89377315 | 13.95 | 27.5925 | 6.06148148 | 13.89 | 26.5026 |
| 5.72618056 | 14.34 | 28.3108 | 5.89388889 | 13.95 | 27.5855 | 6.06159722 | 13.88 | 26.4676 |
| 5.7262963 | 14.34 | 28.0406 | 5.89400463 | 13.95 | 27.5925 | 6.06171296 | 13.85 | 26.1042 |
| 5.72641204 | 14.34 | 28.6703 | 5.89412037 | 13.94 | 27.4876 | 6.0618287 | 13.84 | 26.0579 |
| 5.72652778 | 14.32 | 27.891 | 5.89423611 | 13.92 | 27.4115 | 6.06194444 | 13.84 | 26.1203 |
| 5.72664352 | 14.32 | 28.0368 | 5.89435185 | 13.92 | 27.3942 | 6.06206019 | 13.87 | 26.3622 |
| 5.72675926 | 14.34 | 27.0882 | 5.89446759 | 13.88 | 27.2301 | 6.06217593 | 13.88 | 26.429 |
| 5.726875 | 14.34 | 26.5917 | 5.89458333 | 13.91 | 27.3082 | 6.06229167 | 13.89 | 26.5382 |
| 5.72699074 | 14.34 | 26.595 | 5.89469907 | 13.91 | 27.3151 | 6.06240741 | 13.89 | 26.6586 |
| 5.72710648 | 14.34 | 26.6312 | 5.89481482 | 13.91 | 27.3668 | 6.06252315 | 13.89 | 26.5576 |
| 5.72722222 | 14.34 | 27.5119 | 5.89493056 | 13.92 | 27.4254 | 6.06263889 | 13.91 | 26.8622 |
| 5.72733796 | 14.34 | 26.8409 | 5.8950463 | 13.92 | 27.3839 | 6.06275463 | 13.89 | 26.7867 |
| 5.7274537 | 14.34 | 27.8766 | 5.89516204 | 13.94 | 27.38 | 6.06287037 | 13.88 | 26.5127 |
| 5.72756944 | 14.34 | 28.0406 | 5.89527778 | 13.92 | 27.4115 | 6.06298611 | 13.88 | 26.3777 |
| 5.72768519 | 14.34 | 27.8658 | 5.89539352 | 13.95 | 27.5574 | 6.06310185 | 13.87 | 26.359 |
| 5.72780093 | 14.35 | 26.4148 | 5.89550926 | 13.97 | 27.6521 | 6.06321759 | 13.88 | 26.4354 |
| 5.72791667 | 14.34 | 25.8686 | 5.895625 | 13.97 | 27.6098 | 6.06333333 | 13.87 | 26.5649 |
| 5.72803241 | 14.34 | 26.0408 | 5.89574074 | 13.97 | 27.5606 | 6.06344907 | 13.87 | 26.4198 |
| 5.72814815 | 14.37 | 21.7466 | 5.89585648 | 13.97 | 27.6415 | 6.06356482 | 13.89 | 26.5706 |
| 5.72826389 | 14.34 | 28.0516 | 5.89597222 | 13.97 | 27.5782 | 6.06368056 | 13.88 | 26.4966 |
| 5.72837963 | 14.35 | 23.5096 | 5.89608796 | 13.98 | 27.5991 | 6.0637963 | 13.89 | 26.6064 |
| 5.72849537 | 14.37 | 23.4015 | 5.8962037 | 13.98 | 27.6344 | 6.06391204 | 13.88 | 26.571 |
| 5.72861111 | 14.37 | 23.877 | 5.89631944 | 13.98 | 27.6203 | 6.06402778 | 13.89 | 26.5544 |
| 5.72872685 | 14.38 | 22.8775 | 5.89643519 | 13.98 | 27.698 | 6.06414352 | 13.89 | 26.6749 |
| 5.72884259 | 14.38 | 23.1273 | 5.89655093 | 13.98 | 27.6838 | 6.06425926 | 13.89 | 26.5999 |
| 5.72895833 | 14.39 | 22.3437 | 5.89666667 | 13.98 | 27.6626 | 6.064375 | 13.88 | 26.5645 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.72907407 | 14.38 | 21.7346 | 5.89678241 | 13.98 | 27.6768 | 6.06449074 | 13.88 | 26.5354 |
| 5.72918982 | 14.39 | 21.9942 | 5.89689815 | 13.99 | 27.6802 | 6.06460648 | 13.89 | 26.5414 |
| 5.72930556 | 14.41 | 22.5974 | 5.89701389 | 13.98 | 27.6838 | 6.06472222 | 13.89 | 26.6064 |
| 5.7294213 | 14.41 | 22.3847 | 5.89712963 | 13.99 | 27.6944 | 6.06483796 | 13.89 | 26.5966 |
| 5.72953704 | 14.39 | 22.5345 | 5.89724537 | 13.95 | 27.491 | 6.0649537 | 13.91 | 26.6513 |
| 5.72965278 | 14.39 | 22.7265 | 5.89736111 | 13.92 | 27.4706 | 6.06506944 | 13.89 | 26.6194 |
| 5.72976852 | 14.37 | 24.2808 | 5.89747685 | 13.94 | 27.5051 | 6.06518519 | 13.91 | 26.6024 |
| 5.72988426 | 14.37 | 23.4443 | 5.89759259 | 13.94 | 27.4737 | 6.06530093 | 13.89 | 26.6064 |
| 5.73 | 14.38 | 23.1052 | 5.89770833 | 13.92 | 27.4427 | 6.06541667 | 13.89 | 26.5544 |
| 5.73011574 | 14.39 | 22.8405 | 5.89782407 | 13.92 | 27.4914 | 6.06553241 | 13.89 | 26.5544 |
| 5.73023148 | 14.39 | 24.4134 | 5.89793982 | 13.92 | 27.5159 | 6.06564815 | 13.88 | 26.5905 |
| 5.73034722 | 14.37 | 28.4542 | 5.89805556 | 13.94 | 27.5156 | 6.06576389 | 13.88 | 26.5095 |
| 5.73046296 | 14.38 | 25.3101 | 5.8981713 | 13.94 | 27.4737 | 6.06587963 | 13.88 | 26.4708 |
| 5.7305787 | 14.37 | 26.141 | 5.89828704 | 13.94 | 27.4772 | 6.06599537 | 13.88 | 26.4644 |
| 5.73069444 | 14.37 | 26.2335 | 5.89840278 | 13.94 | 27.4842 | 6.06611111 | 13.88 | 26.5192 |
| 5.73081019 | 14.34 | 29.0427 | 5.89851852 | 13.94 | 27.4563 | 6.06622685 | 13.88 | 26.5095 |
| 5.73092593 | 14.34 | 28.5938 | 5.89863426 | 13.94 | 27.4842 | 6.06634259 | 13.88 | 26.5354 |
| 5.73104167 | 14.37 | 26.8303 | 5.89875 | 13.92 | 27.488 | 6.06645833 | 13.88 | 26.5192 |
| 5.73115741 | 14.34 | 29.1334 | 5.89886574 | 13.94 | 27.4737 | 6.06657407 | 13.88 | 26.571 |
| 5.73127315 | 14.35 | 28.484 | 5.89898148 | 13.95 | 27.5084 | 6.06668982 | 13.89 | 26.7176 |
| 5.73138889 | 14.35 | 28.6744 | 5.89909722 | 13.95 | 27.477 | 6.06680556 | 13.88 | 26.6655 |
| 5.73150463 | 14.34 | 29.7219 | 5.89921296 | 13.95 | 27.5259 | 6.0669213 | 13.91 | 26.7464 |
| 5.73162037 | 14.35 | 28.9413 | 5.8993287 | 13.94 | 27.4633 | 6.06703704 | 13.88 | 26.5257 |
| 5.73173611 | 14.34 | 29.8002 | 5.89944444 | 13.94 | 27.4528 | 6.06715278 | 13.85 | 26.4303 |
| 5.73185185 | 14.34 | 29.7096 | 5.89956019 | 13.92 | 27.5193 | 6.06726852 | 13.87 | 26.4648 |
| 5.73196759 | 14.34 | 29.7796 | 5.89967593 | 13.92 | 27.5089 | 6.06738426 | 13.88 | 26.5645 |
| 5.73208333 | 14.35 | 28.9843 | 5.89979167 | 13.92 | 27.4949 | 6.0675 | 13.87 | 26.5422 |
| 5.73219907 | 14.34 | 29.5991 | 5.89990741 | 13.92 | 27.4984 | 6.06761574 | 13.85 | 26.3631 |
| 5.73231482 | 14.39 | 22.9873 | 5.90002315 | 13.91 | 27.4499 | 6.06773148 | 13.85 | 26.4399 |
| 5.73243056 | 14.37 | 28.8136 | 5.90013889 | 13.91 | 27.436 | 6.06784722 | 13.84 | 26.3254 |
| 5.7325463 | 14.42 | 23.3338 | 5.90025463 | 13.91 | 27.4638 | 6.06796296 | 13.82 | 26.2787 |
| 5.73266204 | 14.38 | 26.5742 | 5.90037037 | 13.89 | 27.4433 | 6.0680787 | 13.84 | 26.2809 |
| 5.73277778 | 14.35 | 28.9764 | 5.90048611 | 13.89 | 27.4745 | 6.06819444 | 13.84 | 26.3572 |
| 5.73289352 | 14.37 | 26.77 | 5.90060185 | 13.89 | 27.3741 | 6.06831019 | 13.82 | 26.3581 |
| 5.73300926 | 14.35 | 27.2671 | 5.90071759 | 13.89 | 27.4537 | 6.06842593 | 13.82 | 26.2946 |
| 5.733125 | 14.41 | 23.4278 | 5.90083333 | 13.91 | 27.4533 | 6.06854167 | 13.82 | 26.2692 |
| 5.73324074 | 14.38 | 26.1279 | 5.90094907 | 13.92 | 27.5298 | 6.06865741 | 13.82 | 26.2977 |
| 5.73335648 | 14.35 | 29.5548 | 5.90106482 | 13.92 | 27.5263 | 6.06877315 | 13.84 | 26.2904 |
| 5.73347222 | 14.42 | 19.8791 | 5.90118056 | 13.91 | 27.4777 | 6.06888889 | 13.84 | 26.3668 |
| 5.73358796 | 14.44 | 21.5016 | 5.9012963 | 13.89 | 27.3534 | 6.06900463 | 13.84 | 26.3254 |
| 5.7337037 | 14.39 | 26.352 | 5.90141204 | 13.89 | 27.3948 | 6.06912037 | 13.82 | 26.2946 |
| 5.73381944 | 14.42 | 22.4225 | 5.90152778 | 13.91 | 27.4951 | 6.06923611 | 13.84 | 26.3254 |
| 5.73393519 | 14.44 | 21.5374 | 5.90164352 | 13.92 | 27.4601 | 6.06935185 | 13.82 | 26.3041 |
| 5.73405093 | 14.45 | 20.7396 | 5.90175926 | 13.89 | 27.4502 | 6.06946759 | 13.82 | 26.2756 |
| 5.73416667 | 14.42 | 21.3046 | 5.901875 | 13.89 | 27.3844 | 6.06958333 | 13.81 | 26.2224 |
| 5.73428241 | 14.47 | 20.8642 | 5.90199074 | 13.88 | 27.4123 | 6.06969907 | 13.81 | 26.2161 |
| 5.73439815 | 14.47 | 20.8347 | 5.90210648 | 13.89 | 27.4156 | 6.06981482 | 13.75 | 26.2664 |
| 5.73451389 | 14.48 | 20.8097 | 5.90222222 | 13.89 | 27.4502 | 6.06993056 | 13.82 | 26.3231 |
| 5.73462963 | 14.39 | 26.8501 | 5.90233796 | 13.89 | 27.4156 | 6.0700463 | 13.85 | 26.4431 |
| 5.73474537 | 14.44 | 22.1906 | 5.9024537 | 13.88 | 27.4227 | 6.07016204 | 13.84 | 26.3955 |

**Appendix B3: Composite and Grab Chemistry data**

| ID | Certified SRM CASS4 [ µg/L ] | Certified SRM CASS2 [ µg/L ] |
|---|---|---|
| | 0.381 | 1.97 |

| | |
|---|---|
| **SDB FSW Mean** | 0.524 |
| **SDB FSW Std. Dev.** | 0.510 |
| **Limit Of Detection** | 1.53 |
| **Limit Of Reporting** | 5.10 |
| **Number of Blanks** | 17 |

| | |
|---|---|
| **Mean Recovery CASS 2** | 86 |
| **Std. Dev. CASS 2** | 11 |
| **Number of CASS 2** | 5 |

Spike 1

| **Filt DrEx-115-Comp-PC2-010216 Run Spike** | |
|---|---|
| **Spike conc** | 1.22 |
| **Measured Conc** | 0.55 |
| **Percent Recovery** | **45** |

Spike 2

| **Total DrEx-115-Comp-PC2-010216 Run Spike** | |
|---|---|
| **Spike conc** | 1.21 |
| **Measured Conc** | 1.82 |
| **Percent Recovery** | **151** |

| ICP MS Sample ID | Sample ID | Zn [µg/L] | Std Dev Zn [µg/L] |
|---|---|---|---|
| Pre Storm EB | Filtered Pre Storm | 13 | |
| Grab | Filt DrEx-GRAB-Comp-PC2-010216 | 22 | |
| Grab Duplicate | Filt DrEx-GRAB Dup-Comp-PC2-010216 | 25 | |
| MS | | | |
| MSD | | | |
| Drifter 106 | Filt DrEx-106-Comp-PC2-010216 | 15 | |
| Drifter 107 | Filt DrEx-107-Comp-PC2-010216 | 20 | |
| Drifter 108 | Filt DrEx-108-Comp-PC2-010216 | 15 | |
| Drifter 109 | Filt DrEx-109-Comp-PC2-010216 | 19 | |
| Drifter 110 | Filt DrEx-110-Comp-PC2-010216 | 16 | |
| Drifter 111 | Filt DrEx-111-Comp-PC2-010216 Run Dup | 14 | 0.41 |
| Drifter 112 | Filt DrEx-112-Comp-PC2-010216 | 18 | |
| Drifter 113 | Filt DrEx-113-Comp-PC2-010216 | 15 | |
| Drifter 114 | Filt DrEx-114-Comp-PC2-010216 | 15 | |
| Drifter 115 | Filt DrEx-115-Comp-PC2-010216 | 16 | |
| | | | |
| Pre Storm EB | Total Pre Storm | 14 | |
| Grab | Total DrEx-GRAB-Comp-PC2-010216 | 36 | |
| Grab Duplicate | Total DrEx-GRAB Dup-Comp-PC2-010216 | 38 | |
| MS | | | |
| MSD | | | |
| Drifter 106 | Total DrEx-106-Comp-PC2-010216 | 31 | |
| Drifter 107 | Total DrEx-107-Comp-PC2-010216 | 32 | |
| Drifter 108 | Total DrEx-108-Comp-PC2-010216 | 25 | |
| Drifter 109 | Total DrEx-109-Comp-PC2-010216 | 66 | |
| Drifter 110 | Total DrEx-110-Comp-PC2-010216 | 21 | |
| Drifter 111 | otal DrEx-111-Comp-PC2-010216 Run Dup | 22 | 0.20 |
| Drifter 112 | Total DrEx-112-Comp-PC2-010216 | 22 | |
| Drifter 113 | Total DrEx-113-Comp-PC2-010216 | 19 | |
| Drifter 114 | Total DrEx-114-Comp-PC2-010216 | 27 | |
| Drifter 115 | Total DrEx-115-Comp-PC2-010216 | 17 | |

| ID | Certified SRM CASS4 [ µg/L ] | Certified SRM CASS2 [ µg/L ] |
|---|---|---|
| | 0.592 | 0.675 |

| | |
|---|---|
| **SDB FSW Mean** | 0.334 |
| **SDB FSW Std. Dev.** | 0.239 |
| **Limit Of Detection** | 0.72 |
| **Limit Of Reporting** | 2.39 |
| **Number of Blanks** | 22 |

| | |
|---|---|
| **Mean Recovery CASS 2** | 90 |
| **Std. Dev. CASS 2** | 13 |
| **Number of CASS 2** | 5 |

Spike 1 **Filt DrEx-115-Comp-PC2-010216 Run Spike**

| | |
|---|---|
| **Spike conc** | 1.22 |
| **Measured Conc** | 1.26 |
| **Percent Recovery** | **103** |

Spike 2 **Total DrEx-115-Comp-PC2-010216 Run Spike**

| | |
|---|---|
| **Spike conc** | 1.21 |
| **Measured Conc** | 1.23 |
| **Percent Recovery** | **102** |

| ICP MS Sample ID | Sample ID | Cu [µg/L] | Std Dev Cu [µg/L] |
|---|---|---|---|
| EB | Filt DrEx-EB-Comp-PC1-010516 | 0.97 | |
| Grab | Filt DrEx-GRAB-Comp-PC1-010516 | 4.63 | |
| Grab Duplicate | Filt DrEx-GRAB Dup-Comp-PC1-010516 | 10.14 | |
| MS | Filt DrEx-GRAB MS-Comp-PC1-010516 | 2.70 | |
| MSD | Filt DrEx-GRAB MSD-Comp-PC1-010516 | 2.53 | |
| Drifter 106 | Filt DrEx-106-Comp-PC1-010516 | 13.42 | |
| Drifter 107 | Filt DrEx-107-Comp-PC1-010516 | 2.80 | |
| Drifter 108 | Filt DrEx-108-Comp-PC1-010516 | 2.17 | |
| Drifter 109 | | | |
| Drifter 110 | Filt DrEx-110-Comp-PC1-010516 | 3.11 | |
| Drifter 111 | Filt DrEx-111-Comp-PC1-010516 | 2.05 | |
| Drifter 112 | Filt DrEx-112-Comp-PC1-010516 | 2.18 | |
| Drifter 113 | | | |
| Drifter 114 | Filt DrEx-114-Comp-PC1-010516 | 2.04 | |
| Drifter 115 | | | |
| | | | |
| Pre Storm | | | |
| EB | Total DrEx-EB-Comp-PC1-010516 | 0.45 | |
| Grab | Total DrEx-GRAB-Comp-PC1-010516 | 65.73 | |
| Grab Duplicate | Total DrEx-GRAB Dup-Comp-PC1-010516 | 382.16 | |
| MS | Total DrEx-GRAB MS-Comp-PC1-010516 | 94.28 | |
| MSD | Total DrEx-GRAB MSD-Comp-PC1-010516 | 95.53 | |
| Drifter 106 | Total DrEx-106-Comp-PC1-010516 | 68.18 | |
| Drifter 107 | Total DrEx-107-Comp-PC1-010516 | 7.54 | |
| Drifter 108 | Total DrEx-108-Comp-PC1-010516 | 8.38 | |
| Drifter 109 | | | |
| Drifter 110 | Total DrEx-110-Comp-PC1-010516 | 10.78 | |
| Drifter 111 | Total DrEx-111-Comp-PC1-010516 | 6.30 | |
| Drifter 112 | Total DrEx-112-Comp-PC1-010516 | 7.52 | |
| Drifter 113 | | | |
| Drifter 114 | Total DrEx-114-Comp-PC1-010516 Run Dup | 13.14 | 0.86 |
| Drifter 115 | | | |

| Sample ID | Filter no. | Sample volume (mL) | Filter/sample wt. (g) | Filter tare (g) | Particle wt. (g) | TSS (mg.L) |
|---|---|---|---|---|---|---|
| DrEx-106 0105 | 1 | 525 | 0.4705 | 0.4649 | 0.0056 | 10.7 |
| DrEx-107 0105 | 2 | 478 | 0.4718 | 0.4664 | 0.0054 | 11.3 |
| DrEx-108 0105 | 3 | 515 | 0.4851 | 0.4685 | 0.0166 | 32.2 |
| DrEx-110 0105 | 6 | 500 | 0.476 | 0.4669 | 0.0091 | 18.2 |
| DrEx-111 0105 | 7 | 531 | 0.4768 | 0.4704 | 0.0064 | 12.1 |
| DrEx-112 0105 | 8 | 525 | 0.477 | 0.4713 | 0.0057 | 10.9 |
| DrEx-114 0105 | 4 | 442 | 0.4802 | 0.4671 | 0.0131 | 29.6 |
| DrEx-EB 0105 | 5 | 513 | 0.4695 | 0.4693 | 0.0002 | 0.4 |
| DrEx-Grab 0105 | 9 | 505 | 0.5575 | 0.4685 | 0.089 | 176.2 |
| DrEx-Grab-DUP 0105 | 10 | 508 | 0.658 | 0.4671 | 0.1909 | 375.8 |
| DrEx-Mesc GR1 0105 | 11 | 663 | 0.5043 | 0.461 | 0.0433 | 65.3 |
| DrEx-Mesc GR2 0105 | 12 | 327 | 0.6547 | 0.4694 | 0.1853 | 566.7 |
| Blank 0105 | 13 | 750 | 0.4652 | 0.4651 | 1E-04 | 0.1 |

| | | %Rec TMX | %Rec 209 | Det Limit | Report Limit | 1 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|---|---|---|
| DrEx-106-Comp-PC1-010516 | 6010804-1 | 56.0 | 137.50 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-107-Comp-PC1-010516 | 2 | 56.0 | 128.50 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-108-Comp-PC1-010516 | 3 | 58.5 | 105.50 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-110-Comp-PC1-010516 | 4 | 56.5 | 105.50 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-111-Comp-PC1-010516 | 5 | 58.0 | 102.50 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-112-Comp-PC1-010516 | 6 | 61.5 | 103.50 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-114-Comp-PC1-010516 | 7 | 66.0 | 103.00 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-Grab-MS-ComP-PC1-010516 | 8 | 61.0 | 52.5 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-Grab-MSD-Comp-PC1-010516 | 9 | 61.5 | 54.5 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-Grab-DUP-Comp-PC1-010516 | 10 | 65.0 | 51.5 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-Grab-Comp-PC1-010516 | 11 | 56.5 | 37.9 | 0.00033 | 0.001 | ND | ND | ND | ND |
| DrEx-EB-Comp-PC1-010516 | 12 | 69.0 | 46.0 | 0.00033 | 0.001 | ND | ND | ND | ND |
| | | | | | | | | | |
| | B | 63.5 | 148.50 | 0.00033 | 0.001 | ND | ND | ND | ND |
| | BS | 52.5 | 180.00 | | | | | | 88.7 |
| | 6010804-12MS | 59.5 | 51.0 | | | | | | 90.3 |
| | 6010804-12MSD | 55.5 | 37.9 | | | | | | 82.0 |

| 6 | 7 | 8 | 9 | 10 | 12 | 13 | 14 | 15/16 | 17 | 18 | 19 | 20/33 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | 91.3 | | |
| | | | | | | | | | | 84.0 | | |
| | | | | | | | | | | 88.0 | | |

| 22 | 24 | 25 | 26 | 27 | 28/31 | 29 | 32 | 34 | 35 | 37 | 40 | 41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

79.0
79.7
63.0

| 42 | 44 | 45 | 46 | 47 | 48 | 49 | 51 | 52 | 53 | 54 | 56 | 59 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 85.7 | | | | | | | 82.0 | | | | |
| | 87.3 | | | | | | | 69.7 | | | | |
| | 70.7 | | | | | | | 63.7 | | | | |

| 60 | 63 | 64 | 66 | 67/100 | 69 | 70 | 71 | 73 | 74 | 75 | 77 | 81/117 |
|----|----|----|----|--------|----|----|----|----|----|----|----|--------|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | 90.7 | | | | | | | | | |
| | | | 92.3 | | | | | | | | | |
| | | | 71.7 | | | | | | | | | |

| 82 | 83 | 84 | 85 | 87/115 | 90/101 | 91 | 92 | 93 | 95 | 97 | 99 | 103 |
|----|----|----|----|--------|--------|----|----|----|----|----|----|-----|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | 93.0 | 97.3 | | | | | | | |
| | | | | 69.7 | 77.3 | | | | | | | |
| | | | | 65.7 | 66.3 | | | | | | | |

| 104 | 105 | 107 | 110 | 114 | 118 | 119 | 122 | 123 | 124 | 126/129 | 128 | 130 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | **0.0027** | ND | ND | ND | ND | ND | **0.0019** | ND |
| ND | ND | ND | ND | ND | **0.0041** | ND | ND | ND | ND | ND | **0.0023** | ND |
| ND | ND | ND | ND | ND | **0.0059** | ND | ND | ND | ND | ND | **0.002** | ND |
| ND | ND | ND | ND | ND | **0.0028** | ND | ND | ND | ND | ND | **0.0018** | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | 70.0 | | | | | | | | | |
| | | | 81.0 | | | | | | | | | |
| | | | 64.0 | | | | | | | | | |

| 131 | 132/153 | 134 | 135 | 136 | 137 | 138/163/164 | 141 | 144 | 146 | 149/147 | 151 | 154 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | **0.0034** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | **0.0044** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | **0.0048** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | **0.0035** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 117.0 | | | | | 84.7 | 70.8 | | | | 103.7 | |
| | 66.3 | | | | | 70.0 | 74.0 | | | | 65.7 | |
| | 57.7 | | | | | 83.0 | 59.3 | | | | 62.7 | |

| 156/157 | 158 | 165 | 167 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | 90.0 | | | | | | | |
| | | | | | 64.3 | | | | | | | |
| | | | | | 50.0 | | | | | | | |

| 178 | 179 | 180 | 183 | 184 | 185 | 187 | 189 | 190 | 191 | 193 | 194 | 195 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | **0.0015** | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | **0.0019** | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | **0.0015** | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | **0.0011** | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 77.5 | 68.5 | | | 66.5 | | | | | | |
| | | 59.3 | 57.0 | | | 58.0 | | | | | | |
| | | 50.0 | 54.7 | | | 49.7 | | | | | | |

| 196 | 197 | 199 | 200 | 201 | 202 | 203 | 205 | 206 | 207 | 208 |
|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | 87.5 | | |
| | | | | | | | | 58.3 | | |
| | | | | | | | | 40.7 | | |

29 March 2016

Bart Chadwick

Navy -- SPAWAR

Environmental Science and Applied System Branch, 536(

San Diego, CA 92152

RE: Drifting Exposure

Enclosed are the results of analyses for samples received by the laboratory on 08-Jan-2016. The samples associated with this report will be held for 90 days from the date of this report. The raw data associated with this report will be held for 5 years from the date of this report. If you need us to hold onto the samples or the data longer then these specified times, you will need to notify us in writing at least 30 days before the expiration dates. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dale Rosado, Ph. D.

Chemist

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | | |
|---|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure | |
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## WORK ORDER SUMMARY

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date of Work Order |
|---|---|---|---|---|
| DrEx-106-Comp-PC1-010516 | 6010804-01 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-107-Comp-PC1-010516 | 6010804-02 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-108-Comp-PC1-010516 | 6010804-03 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-110-Comp-PC1-010516 | 6010804-04 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-111-Comp-PC1-010516 | 6010804-05 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-112-Comp-PC1-010516 | 6010804-06 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-114-Comp-PC1-010516 | 6010804-07 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-Grab-MS-Comp-PC1-010516 | 6010804-08 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-Grab-MSD-Comp-PC1-010516 | 6010804-09 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-Grab-DUP-Comp-PC1-010516 | 6010804-10 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-Grab-Comp-PC1-010516 | 6010804-11 | Water | 05-Jan-2016 | 08-Jan-2016 |
| DrEx-EB-Comp-PC1-010516 | 6010804-12 | Water | 05-Jan-2016 | 08-Jan-2016 |

| | | |
|---|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure | |
| Environmental Science and Applied System Branch, 5360? | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## Case Narrative

No issues were experienced during the analysis of Work Order 6010804 unless specified below.

OC Pesticides - Degradation of dBHC in the LCS standard resulted in low recoveries in the BS, MS, and MSD. However, the calibration for dBHC was acceptable with good responses and it would have been detected if it had been present in the samples.

The extra bottles that were sent for QC were inadvertently checked in as individual samples. The samples were ran at no additional charge. These can be use a field collection dups if needed.

| | |
|---|---|
| Navy -- SPAWAR | Project:  Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | |
| San Diego CA, 92152 | Project Manager:  Bart Chadwick |

**Reported:**
29-Mar-2016

## Notes and Definitions

| | |
|---|---|
| U | Analyte included in the analysis, but not detected |
| S-GC | Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate/s. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD.  The batch was accepted based on acceptable LCS recovery. |
| Q | Value is outside of acceptance limits. |
| J | Detected but below the Reporting Limit; therefore, result is an estimated concentration. |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Page 3 of 35

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 5360 | **Reported:** |
| San Diego CA, 92152 | 29-Mar-2016 |
| | Project Manager: Bart Chadwick |

## DrEx-106-Comp-PC1-010516
### 6010804-01 (Water)

### ERDC-EL-EP-C

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 4,4′-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4′-DDE | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4′-DDT | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00821** | | *41.0 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0102** | | *51.0 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-106-Comp-PC1-010516

### 6010804-01 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

### ERDC-EL-EP-C

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| Dibenz (a,h) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Fluorene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| *Surrogate: 2-Fluorobiphenyl* | **0.30** | | *50.3 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.42** | | *69.7 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-107-Comp-PC1-010516
### 6010804-02 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Organochlorine Pesticides by EPA Method 8081A** | | | | | | | | |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00844** | | *42.2 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0126** | | *63.0 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Benzo (a) anthracene** | **0.0172** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| Benzo (a) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-107-Comp-PC1-010516

### 6010804-02 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| Fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Fluorene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| *Surrogate: 2-Fluorobiphenyl* | **0.33** | | *55.0 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.47** | | *79.0 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

**USACE ERDC-EP-C**

**3909 Halls Ferry Road**

**Vicksburg, MS 39180-6199**

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | 29-Mar-2016 |
| | Project Manager: Bart Chadwick |

## DrEx-108-Comp-PC1-010516

### 6010804-03 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Organochlorine Pesticides by EPA Method 8081A** | | | | | | | | |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00756** | | *37.8 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0108** | | *54.0 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | 29-Mar-2016 |
| | Project Manager: Bart Chadwick |

## DrEx-108-Comp-PC1-010516
### 6010804-03 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

### ERDC-EL-EP-C

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| Fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Fluorene** | **0.0202** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| *Surrogate: 2-Fluorobiphenyl* | **0.34** | | *57.3 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.76** | | *127 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | *Q* |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| Navy -- SPAWAR | Project: Drifting Exposure |
|---|---|
| Environmental Science and Applied System Branch, 53605 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-110-Comp-PC1-010516
### 6010804-04 (Water)

### ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides by EPA Method 8081A** | | | | | | | | |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00822** | | *41.1 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0114** | | *57.0 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | | |
|---|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure | **Reported:** |
| Environmental Science and Applied System Branch, 5360? | | 29-Mar-2016 |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | |

## DrEx-110-Comp-PC1-010516

### 6010804-04 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | ERDC-EL-EP-C | | | | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| Fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Fluorene** | **0.0326** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| *Surrogate: 2-Fluorobiphenyl* | **0.34** | | *56.3 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.48** | | *79.3 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project:  Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | 29-Mar-2016 |
| | Project Manager:  Bart Chadwick |

## DrEx-111-Comp-PC1-010516

### 6010804-05 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | **ERDC-EL-EP-C** | | | | | |

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00757** | | *37.8 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.00988** | | *49.4 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 5360? | **Reported:** |
| San Diego CA, 92152 | 29-Mar-2016 |
| | Project Manager: Bart Chadwick |

## DrEx-111-Comp-PC1-010516

### 6010804-05 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | ERDC-EL-EP-C | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| Fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Fluorene** | **0.0448** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| *Surrogate: 2-Fluorobiphenyl* | **0.31** | | *51.3 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.46** | | *77.3 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-112-Comp-PC1-010516

### 6010804-06 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

### ERDC-EL-EP-C

#### Organochlorine Pesticides by EPA Method 8081A

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00801** | | *40.0 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0105** | | *52.5 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |

#### Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-112-Comp-PC1-010516

### 6010804-06 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | **ERDC-EL-EP-C** | | | | | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| Fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Fluorene** | **0.0188** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| Indeno (1,2,3-cd) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| *Surrogate: 2-Fluorobiphenyl* | **0.33** | | *55.7 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.46** | | *76.7 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 5360 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-114-Comp-PC1-010516

### 6010804-07 (Water)

### ERDC-EL-EP-C

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 4,4′-DDD | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4′-DDE | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4′-DDT | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Aldrin | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.0003 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.0003 | 0.052 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00888** | | *42.6 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.00970** | | *46.6 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick |
| | 29-Mar-2016 |

## DrEx-114-Comp-PC1-010516
### 6010804-07 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

### ERDC-EL-EP-C

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| Fluoranthene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Fluorene** | **0.0335** | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Pyrene | ND | 0.00688 | 0.0208 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| *Surrogate: 2-Fluorobiphenyl* | **0.44** | | *70.0 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.48** | | *77.0 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-Grab-MS-Comp-PC1-010516

### 6010804-08 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Organochlorine Pesticides by EPA Method 8081A** | | | | | | | | |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **4,4´-DDE** | **0.006** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| **4,4´-DDT** | **0.007** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **gamma-Chlordane** | **0.003** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00955** | | *47.8 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0172** | | *86.0 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Anthracene** | **0.0147** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| **Benzo (a) anthracene** | **0.0602** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (a) pyrene** | **0.0674** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (b) fluoranthene** | **0.101** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (g,h,i) perylene** | **0.124** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (k) fluoranthene** | **0.0748** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Chrysene** | **0.158** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Dibenz (a,h) anthracene** | **0.0159** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 5360? | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-Grab-MS-Comp-PC1-010516

### 6010804-08 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| **Fluoranthene** | **0.191** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| Fluorene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Indeno (1,2,3-cd) pyrene** | **0.0772** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| Naphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Phenanthrene** | **0.0710** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Pyrene** | **0.204** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| *Surrogate: 2-Fluorobiphenyl* | **0.41** | | *67.7 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.54** | | *89.3 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | 29-Mar-2016 |
| | Project Manager: Bart Chadwick | |

## DrEx-Grab-MSD-Comp-PC1-010516
### 6010804-09 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Organochlorine Pesticides by EPA Method 8081A** | | | | | | | | |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **4,4´-DDE** | **0.007** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| **4,4´-DDT** | **0.008** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **gamma-Chlordane** | **0.004** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.00922* | | *46.1 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | *0.0143* | | *71.5 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **2-Methylnaphthalene** | **0.0162** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Anthracene** | **0.0276** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (a) anthracene** | **0.0698** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (a) pyrene** | **0.0754** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (b) fluoranthene** | **0.111** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (g,h,i) perylene** | **0.130** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (k) fluoranthene** | **0.0894** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Chrysene** | **0.175** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Dibenz (a,h) anthracene** | **0.0159** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | 29-Mar-2016 |
| | Project Manager: Bart Chadwick |

## DrEx-Grab-MSD-Comp-PC1-010516

### 6010804-09 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| **Fluoranthene** | **0.258** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| Fluorene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Indeno (1,2,3-cd) pyrene** | **0.0798** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Naphthalene** | **0.0140** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| **Phenanthrene** | **0.115** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Pyrene** | **0.158** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| *Surrogate: 2-Fluorobiphenyl* | **0.42** | | *70.7 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.52** | | *87.0 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-Grab-DUP-Comp-PC1-010516

### 6010804-10 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **4,4´-DDE** | **0.007** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| **4,4´-DDT** | **0.008** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **gamma-Chlordane** | **0.004** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **Heptachlor epoxide** | **0.001** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.00981* | | *49.0 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | *0.0147* | | *73.5 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **2-Methylnaphthalene** | **0.0178** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Anthracene** | **0.0120** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| **Benzo (a) anthracene** | **0.0700** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (a) pyrene** | **0.0734** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (b) fluoranthene** | **0.122** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (g,h,i) perylene** | **0.151** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (k) fluoranthene** | **0.0858** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Chrysene** | **0.173** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Dibenz (a,h) anthracene** | **0.0196** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

### DrEx-Grab-DUP-Comp-PC1-010516

#### 6010804-10 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| **Fluoranthene** | **0.308** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| Fluorene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Indeno (1,2,3-cd) pyrene** | **0.0984** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Naphthalene** | **0.0141** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| **Phenanthrene** | **0.0842** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Pyrene** | **0.248** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| *Surrogate: 2-Fluorobiphenyl* | *0.41* | | *68.3 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | *0.59* | | *97.7 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-Grab-Comp-PC1-010516

### 6010804-11 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | **ERDC-EL-EP-C** | | | | | |
| **Organochlorine Pesticides by EPA Method 8081A** | | | | | | | | |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **4,4´-DDE** | **0.005** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| **4,4´-DDT** | **0.009** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **gamma-Chlordane** | **0.004** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| **Heptachlor epoxide** | **0.00090** | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | J |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00743** | | *37.2 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0135** | | *67.5 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **2-Methylnaphthalene** | **0.0164** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Benzo (a) anthracene** | **0.0862** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (a) pyrene** | **0.0912** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (b) fluoranthene** | **0.140** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (g,h,i) perylene** | **0.162** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Benzo (k) fluoranthene** | **0.160** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Chrysene** | **0.204** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Dibenz (a,h) anthracene** | **0.0210** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53605 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-Grab-Comp-PC1-010516

### 6010804-11 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| **Fluoranthene** | **0.428** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| Fluorene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| **Indeno (1,2,3-cd) pyrene** | **0.0984** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Naphthalene** | **0.0148** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | J |
| **Phenanthrene** | **0.102** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| **Pyrene** | **0.316** | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | |
| *Surrogate: 2-Fluorobiphenyl* | **0.38** | | *64.0 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.64** | | *107 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53605 | **Reported:** |
| San Diego CA, 92152 | 29-Mar-2016 |
| | Project Manager: Bart Chadwick |

<div style="text-align:center">

### DrEx-EB-Comp-PC1-010516

**6010804-12 (Water)**

</div>

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

<div style="text-align:center">

**ERDC-EL-EP-C**

</div>

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 13-Jan-2016 | 24-Feb-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00959** | | *48.0 %* | *25-140* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.00498** | | *24.9 %* | *45-135* | *13-Jan-2016* | *24-Feb-2016* | *EPA 8081A* | *S-GC* |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## DrEx-EB-Comp-PC1-010516

### 6010804-12 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------------|-------|----------|----------|--------|-------|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| Fluoranthene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Fluorene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| Pyrene | ND | 0.00660 | 0.0200 | ug/L | 13-Jan-2016 | 19-Feb-2016 | EPA 8270C | U |
| *Surrogate: 2-Fluorobiphenyl* | **0.45** | | *75.0 %* | *45-110* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.44** | | *73.3 %* | *40-125* | *13-Jan-2016* | *19-Feb-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

## ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B601027 - EPA 3535A** | | | | | | | | | | | |
| **Blank (B601027-BLK1)** | | | | | Prepared: 13-Jan-2016 Analyzed: 24-Feb-2016 | | | | | | |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | | | | | | | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.00847* | | | *ug/L* | *0.02000* | | *42.4* | *25-140* | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0121* | | | *ug/L* | *0.02000* | | *60.5* | *45-135* | | | |
| **LCS (B601027-BS1)** | | | | | Prepared: 13-Jan-2016 Analyzed: 24-Feb-2016 | | | | | | |
| 4,4´-DDD | 0.019 | 0.00030 | 0.001 | ug/L | 0.03000 | | 64.7 | 50-125 | | | |
| 4,4´-DDE | 0.018 | 0.00030 | 0.001 | ug/L | 0.03000 | | 61.7 | 50-125 | | | |
| 4,4´-DDT | 0.018 | 0.00030 | 0.001 | ug/L | 0.03000 | | 58.7 | 50-125 | | | |
| Aldrin | 0.015 | 0.00030 | 0.001 | ug/L | 0.03000 | | 48.7 | 50-125 | | | Q |
| alpha-BHC | 0.015 | 0.00030 | 0.001 | ug/L | 0.03000 | | 50.3 | 50-125 | | | |
| alpha-Chlordane | 0.016 | 0.00030 | 0.001 | ug/L | 0.03000 | | 54.7 | 50-125 | | | |
| beta-BHC | 0.017 | 0.00030 | 0.001 | ug/L | 0.03000 | | 57.0 | 50-125 | | | |
| delta-BHC | 0.008 | 0.00030 | 0.001 | ug/L | 0.03000 | | 27.2 | 50-125 | | | Q |
| Dieldrin | 0.018 | 0.00030 | 0.001 | ug/L | 0.03000 | | 58.3 | 50-125 | | | |
| Endosulfan I | 0.016 | 0.00030 | 0.001 | ug/L | 0.03000 | | 52.7 | 50-125 | | | |
| Endosulfan II | 0.019 | 0.00030 | 0.001 | ug/L | 0.03000 | | 64.0 | 50-125 | | | |
| Endosulfan sulfate | 0.017 | 0.00030 | 0.001 | ug/L | 0.03000 | | 55.7 | 50-125 | | | |
| Endrin | 0.019 | 0.00030 | 0.001 | ug/L | 0.03000 | | 62.0 | 50-125 | | | |
| Endrin aldehyde | 0.016 | 0.00030 | 0.001 | ug/L | 0.03000 | | 51.7 | 50-125 | | | |
| Endrin ketone | 0.019 | 0.00030 | 0.001 | ug/L | 0.03000 | | 63.3 | 50-125 | | | |
| gamma-BHC (Lindane) | 0.016 | 0.00030 | 0.001 | ug/L | 0.03000 | | 53.0 | 50-125 | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

### ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B601027 - EPA 3535A** | | | | | | | | | | | |
| **LCS (B601027-BS1)** | | | | | Prepared: 13-Jan-2016 Analyzed: 24-Feb-2016 | | | | | | |
| gamma-Chlordane | 0.017 | 0.00030 | 0.001 | ug/L | 0.03000 | | 57.3 | 50-125 | | | |
| Heptachlor | 0.016 | 0.00030 | 0.001 | ug/L | 0.03000 | | 53.7 | 50-125 | | | |
| Heptachlor epoxide | 0.017 | 0.00030 | 0.001 | ug/L | 0.03000 | | 55.3 | 50-125 | | | |
| Methoxychlor | 0.020 | 0.00030 | 0.001 | ug/L | 0.03000 | | 68.3 | 50-125 | | | |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.00760* | | | *ug/L* | *0.02000* | | *38.0* | *25-125* | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0125* | | | *ug/L* | *0.02000* | | *62.5* | *45-125* | | | |
| **Matrix Spike (B601027-MS1)** | | **Source: 6010804-01** | | | Prepared: 13-Jan-2016 Analyzed: 24-Feb-2016 | | | | | | |
| 4,4´-DDD | 0.025 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 72.7 | 50-125 | | | |
| 4,4´-DDE | 0.025 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 72.0 | 50-125 | | | |
| 4,4´-DDT | 0.021 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 60.9 | 50-125 | | | |
| Aldrin | 0.021 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 58.9 | 50-125 | | | |
| alpha-BHC | 0.023 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 66.1 | 50-125 | | | |
| alpha-Chlordane | 0.021 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 59.9 | 50-125 | | | |
| beta-BHC | 0.020 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 58.3 | 50-125 | | | |
| delta-BHC | 0.011 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 32.5 | 50-125 | | | Q |
| Dieldrin | 0.025 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 70.7 | 50-125 | | | |
| Endosulfan I | 0.022 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 62.2 | 50-125 | | | |
| Endosulfan II | 0.024 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 70.0 | 50-125 | | | |
| Endosulfan sulfate | 0.022 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 61.7 | 50-125 | | | |
| Endrin | 0.028 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 80.7 | 50-125 | | | |
| Endrin aldehyde | 0.018 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 50.5 | 50-125 | | | |
| Endrin ketone | 0.026 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 74.7 | 50-125 | | | |
| gamma-BHC (Lindane) | 0.023 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 67.3 | 50-125 | | | |
| gamma-Chlordane | 0.021 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 59.0 | 50-125 | | | |
| Heptachlor | 0.024 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 70.0 | 50-125 | | | |
| Heptachlor epoxide | 0.018 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 52.6 | 50-125 | | | |
| Methoxychlor | 0.029 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 82.7 | 50-125 | | | |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.0113* | | | *ug/L* | *0.02326* | | *48.7* | *25-125* | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0137* | | | *ug/L* | *0.02326* | | *59.1* | *45-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

## ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B601027 - EPA 3535A** | | | | | | | | | | | |
| **Matrix Spike Dup (B601027-MSD1)** | | **Source: 6010804-01** | | | Prepared: 13-Jan-2016 Analyzed: 24-Feb-2016 | | | | | | |
| 4,4´-DDD | 0.023 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 66.3 | 50-125 | 9.11 | 30 | |
| 4,4´-DDE | 0.021 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 60.6 | 50-125 | 17.2 | 30 | |
| 4,4´-DDT | 0.019 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 53.4 | 50-125 | 13.1 | 30 | |
| Aldrin | 0.018 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 52.3 | 50-125 | 11.8 | 30 | |
| alpha-BHC | 0.020 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 56.7 | 50-125 | 15.3 | 30 | |
| alpha-Chlordane | 0.018 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 51.9 | 50-125 | 14.2 | 30 | |
| beta-BHC | 0.025 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 71.6 | 50-125 | 20.5 | 30 | |
| delta-BHC | 0.011 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 32.3 | 50-125 | 0.823 | 30 | Q |
| Dieldrin | 0.020 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 58.7 | 50-125 | 18.6 | 30 | |
| Endosulfan I | 0.018 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 51.0 | 50-125 | 19.8 | 30 | |
| Endosulfan II | 0.021 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 59.4 | 50-125 | 16.4 | 30 | |
| Endosulfan sulfate | 0.018 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 52.9 | 50-125 | 15.2 | 30 | |
| Endrin | 0.024 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 68.0 | 50-125 | 17.0 | 30 | |
| Endrin aldehyde | 0.017 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 48.3 | 50-125 | 4.59 | 30 | QM-07 |
| Endrin ketone | 0.022 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 62.7 | 50-125 | 17.4 | 30 | |
| gamma-BHC (Lindane) | 0.021 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 59.1 | 50-125 | 13.0 | 30 | |
| gamma-Chlordane | 0.021 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 58.9 | 50-125 | 0.113 | 30 | |
| Heptachlor | 0.019 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 54.3 | 50-125 | 25.3 | 30 | |
| Heptachlor epoxide | 0.018 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 53.0 | 50-125 | 0.758 | 30 | |
| Methoxychlor | 0.027 | 0.0007 | 0.003 | ug/L | 0.03488 | ND | 76.0 | 50-125 | 8.40 | 30 | |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.00940* | | | *ug/L* | *0.02326* | | *40.4* | *25-125* | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0123* | | | *ug/L* | *0.02326* | | *53.1* | *45-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

### ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B601027 - EPA 3535A** | | | | | | | | | | | |
| **Blank (B601027-BLK1)** | | | | | Prepared: 13-Jan-2016 Analyzed: 19-Feb-2016 | | | | | | |
| 1-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Acenaphthene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Acenaphthylene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Anthracene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Benzo (a) anthracene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Benzo (a) pyrene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Benzo (b) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Benzo (g,h,i) perylene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Benzo (k) fluoranthene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Chrysene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Dibenz (a,h) anthracene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Fluoranthene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Fluorene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Naphthalene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Phenanthrene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| Pyrene | ND | 0.00660 | 0.0200 | ug/L | | | | | | | U |
| *Surrogate: 2-Fluorobiphenyl* | *0.44* | | | *ug/L* | *0.6000* | | *74.0* | *45-110* | | | |
| *Surrogate: Terphenyl-dl4* | *0.50* | | | *ug/L* | *0.6000* | | *83.0* | *40-125* | | | |
| **LCS (B601027-BS2)** | | | | | Prepared: 13-Jan-2016 Analyzed: 19-Feb-2016 | | | | | | |
| 1-Methylnaphthalene | 0.30 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 49.3 | 40-105 | | | |
| 2-Methylnaphthalene | 0.32 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 54.0 | 40-105 | | | |
| Acenaphthene | 0.35 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 58.0 | 40-110 | | | |
| Acenaphthylene | 0.29 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 48.7 | 40-105 | | | |
| Anthracene | 0.33 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 55.0 | 50-110 | | | |
| Benzo (a) anthracene | 0.40 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 66.7 | 50-110 | | | |
| Benzo (a) pyrene | 0.44 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 74.0 | 50-120 | | | |
| Benzo (b) fluoranthene | 0.48 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 80.0 | 45-120 | | | |
| Benzo (g,h,i) perylene | 0.47 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 77.7 | 40-125 | | | |
| Benzo (k) fluoranthene | 0.46 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 77.0 | 45-125 | | | |
| Chrysene | 0.45 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 75.3 | 50-110 | | | |
| Dibenz (a,h) anthracene | 0.52 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 86.0 | 40-125 | | | |
| Fluoranthene | 0.41 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 67.7 | 50-125 | | | |
| Fluorene | 0.30 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 50.3 | 50-110 | | | |
| Indeno (1,2,3-cd) pyrene | 0.48 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 79.7 | 45-125 | | | |
| Naphthalene | 0.31 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 51.3 | 40-105 | | | |
| Phenanthrene | 0.42 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 70.7 | 50-125 | | | |
| Pyrene | 0.41 | 0.00660 | 0.0200 | ug/L | 0.6000 | | 68.3 | 45-130 | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | 29-Mar-2016 |
| | Project Manager: Bart Chadwick |

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

## ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B601027 - EPA 3535A** | | | | | | | | | | | |
| **LCS (B601027-BS2)** | | | | | Prepared: 13-Jan-2016 Analyzed: 19-Feb-2016 | | | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *0.38* | | | ug/L | *0.6000* | | *63.3* | *45-110* | | | |
| *Surrogate: Terphenyl-dl4* | *0.64* | | | ug/L | *0.6000* | | *107* | *40-125* | | | |
| **Matrix Spike (B601027-MS2)** | | **Source: 6010804-12** | | | Prepared: 13-Jan-2016 Analyzed: 19-Feb-2016 | | | | | | |
| 1-Methylnaphthalene | 0.729 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 54.7 | 40-105 | | | |
| 2-Methylnaphthalene | 0.787 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 59.0 | 40-105 | | | |
| Acenaphthene | 0.782 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 58.7 | 40-110 | | | |
| Acenaphthylene | 0.756 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 56.7 | 40-105 | | | |
| Anthracene | 0.729 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 54.7 | 50-110 | | | |
| Benzo (a) anthracene | 0.942 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 70.7 | 50-110 | | | |
| Benzo (a) pyrene | 1.10 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 82.7 | 50-120 | | | |
| Benzo (b) fluoranthene | 1.20 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 90.3 | 45-120 | | | |
| Benzo (g,h,i) perylene | 1.15 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 86.3 | 40-125 | | | |
| Benzo (k) fluoranthene | 1.14 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 85.3 | 45-125 | | | |
| Chrysene | 1.13 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 85.0 | 50-110 | | | |
| Dibenz (a,h) anthracene | 1.23 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 92.3 | 40-125 | | | |
| Fluoranthene | 0.884 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 66.3 | 50-125 | | | |
| Fluorene | 0.742 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 55.7 | 50-110 | | | |
| Indeno (1,2,3-cd) pyrene | 1.15 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 86.3 | 45-125 | | | |
| Naphthalene | 0.724 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 54.3 | 40-100 | | | |
| Phenanthrene | 0.920 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 69.0 | 50-125 | | | |
| Pyrene | 1.03 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 77.3 | 50-130 | | | |
| *Surrogate: 2-Fluorobiphenyl* | *0.77* | | | ug/L | *1.333* | | *58.0* | *45-110* | | | |
| *Surrogate: Terphenyl-dl4* | *1.1* | | | ug/L | *1.333* | | *84.3* | *40-125* | | | |
| **Matrix Spike Dup (B601027-MSD2)** | | **Source: 6010804-12** | | | Prepared: 13-Jan-2016 Analyzed: 19-Feb-2016 | | | | | | |
| 1-Methylnaphthalene | 0.716 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 53.7 | 40-105 | 1.85 | 30 | |
| 2-Methylnaphthalene | 0.738 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 55.3 | 40-105 | 6.41 | 30 | |
| Acenaphthene | 0.769 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 57.7 | 40-110 | 1.72 | 30 | |
| Acenaphthylene | 0.742 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 55.7 | 40-105 | 1.78 | 30 | |
| Anthracene | 0.756 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 56.7 | 50-110 | 3.59 | 30 | |
| Benzo (a) anthracene | 0.876 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 65.7 | 50-110 | 7.33 | 30 | |
| Benzo (a) pyrene | 1.02 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 76.3 | 50-120 | 7.97 | 30 | |
| Benzo (b) fluoranthene | 1.10 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 82.3 | 45-120 | 9.27 | 30 | |
| Benzo (g,h,i) perylene | 1.08 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 80.7 | 40-125 | 6.79 | 30 | |
| Benzo (k) fluoranthene | 1.07 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 80.3 | 45-125 | 6.04 | 30 | |
| Chrysene | 1.05 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 78.7 | 50-110 | 7.74 | 30 | |
| Dibenz (a,h) anthracene | 1.12 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 84.0 | 40-125 | 9.45 | 30 | |
| Fluoranthene | 0.698 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 52.3 | 50-125 | 23.6 | 30 | |
| Fluorene | 0.742 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 55.7 | 50-110 | 0.00 | 30 | |
| Indeno (1,2,3-cd) pyrene | 1.08 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 81.0 | 45-125 | 6.37 | 30 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 29-Mar-2016 |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control**

**ERDC-EL-EP-C**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B601027 - EPA 3535A** | | | | | | | | | | | |
| **Matrix Spike Dup (B601027-MSD2)** | | **Source: 6010804-12** | | | Prepared: 13-Jan-2016 Analyzed: 19-Feb-2016 | | | | | | |
| Naphthalene | 0.698 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 52.3 | 40-100 | 3.75 | 30 | |
| Phenanthrene | 0.916 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 68.7 | 50-125 | 0.484 | 30 | |
| Pyrene | 0.858 | 0.0147 | 0.0444 | ug/L | 1.333 | ND | 64.3 | 50-130 | 18.4 | 30 | |
| *Surrogate: 2-Fluorobiphenyl* | *0.78* | | | *ug/L* | *1.333* | | *58.7* | *45-110* | | | |
| *Surrogate: Terphenyl-dl4* | *0.75* | | | *ug/L* | *1.333* | | *56.0* | *40-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

WO: GO 10804

**Chain of Custody Record**

Date: 7-Jan-2016
Page: 1 of 2

**SPAWAR SYSTEMS CENTER PACIFIC**
ADVANCED SYSTEMS & APPLIED SCIENCES DIVISION
ENERGY AND ENVIRONMENTAL SUSTAINABILITY
BRANCH, CODE 7176
53475 STROTHE ROAD
SAN DIEGO, CA 92152-5000

Systems Center PACIFIC

| | | | | | | | Requested Analyses | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|

**Project Title/Project Number:** ESTCP Drifting Exposure (DrEx) System DemVal — **Project PI:** Dr. D. Bart Chadwick

**Remarks/Air Bill Tracking №:** FEDEX priority overnight - — **Contact:** Joel Guerrero

**Sampler(s): (Signature)** Joel Guerrero (Code 7176) — **Contact Tel:** (619) 850-2109

**Tel:** 619-553-4169  **Fax:** 619-553-6305  **Email:** joel.guerrero@navy.mil

**Special Instructions/Comments:**
Water samples; kept dark & cold (4 °C)

| Field Sample Identification | Date Collected | № of containers | Matrix | Type | Pres. | PCB congeners [8082A / 3510] | PAHs [8270D / 3510] | Pesticides [8081B / 3535] |
|---|---|---|---|---|---|---|---|---|
| DrEx-106-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-107-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-108-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-110-Comp-PC1-010516 | 01-05-2016 | 1 | Water | Comp | none | x | x | x |
| DrEx-111-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-112-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-114-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-Grab-MS-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-Grab-MSD-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-Grab-DUP-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-Grab-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |
| DrEx-EB-Comp-PC1-010516 | 01-05-2016 | 2 | Water | Comp | none | x | x | x |

**Relinquished by:** Joel Guerrero  (Signature)  **Date:** 1/7/2016  **Time:** 1030

**Received by:** (Signature) 1/8/16  **Date:**  **Time:**

# Items for Project Manager Review

| LabNumber | Analysis | Analyte | Exception |
| --- | --- | --- | --- |

**Appendix B4: DGT Chemistry**

ORANGE CELLS ARE FOR INPUTING PARAMETERS

Step 1: Enter the deployment and recovery date and time - this will auto-calculate the exposure period in seconds. (t)

Step 2: Enter the average temperature during the deployment in whole #'s - this will determine the Diffusion Coefficient for each metal.

Step 3: Enter the Volume of HNO3 added to resin gel during acidification step. (VHNO3)

Step 4: Enter the  Sample IDs and Concentration of metal as measured by ICP-MS in the nitric acid elution. (Ce)

Step 5. Enter the thickness of the diffusive gel layer. (Δg)

Step 6. Enter the exposure area as found on the container in which DGTs are delivered in. (A)

The Green Highlighted cells are the final DGT concentration for each metal in µg/L (there is a 1000x multiplier to covert from µg/ml to µg/L).

|  | Sample ID | 1a. Deployment Date/Time | 1b. Collection Date/Time | Exposure (sec) | 4. Ce - Concentration of metals in the N As measured by ICI | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | As | Ag | Al | Cd | Cr | Cu |
| 106 | 106 1 0.8 1D | 1/5/16 14:05 | 1/6/16 2:30 | 44700 |  |  |  | 8.58 |  | 11.14 |
| 106 | 106 2 0.8 1D Run Duplicate | 1/5/16 14:05 | 1/6/16 2:30 | 44700 |  |  |  | 8.69 |  | 14.90 |
| 107 | 107 1 0.8 1D | 1/5/16 13:34 | 1/6/16 1:34 | 43200 |  |  |  | 9.44 |  | 18.87 |
| 107 | 107 2 0.8 1D | 1/5/16 13:34 | 1/6/16 1:34 | 43200 |  |  |  | 8.75 |  | 8.56 |
| 108 | 108 1 0.8 1D | 1/5/16 13:56 | 1/6/16 3:00 | 47040 |  |  |  | 8.86 |  | 9.04 |
| 108 | 108 2 0.8 1D | 1/5/16 13:56 | 1/6/16 3:00 | 47040 |  |  |  | 8.88 |  | 13.77 |
| 109 | 109 1 0.8 1D | 1/5/16 13:39 | 1/6/16 2:08 | 44940 |  |  |  | 9.06 |  | 8.84 |
| 109 | 109 2 0.8 1D | 1/5/16 13:39 | 1/6/16 2:08 | 44940 |  |  |  | 10.01 |  | 17.51 |
| 110 | 110 1 0.8 1D | 1/5/16 13:43 | 1/6/16 3:16 | 48780 |  |  |  | 9.26 |  | 18.18 |
| 110 | 110 2 0.8 1D | 1/5/16 13:43 | 1/6/16 3:16 | 48780 |  |  |  | 9.31 |  | 11.08 |
| 111 | 111 1 0.8 1D | 1/5/16 14:11 | 1/6/16 2:35 | 44640 |  |  |  | 9.09 |  | 13.28 |
| 111 | 111 2 0.8 1D | 1/5/16 14:11 | 1/6/16 2:35 | 44640 |  |  |  | 9.17 |  | 7.48 |
| 112 | 112 1 0.8 1D | 1/5/16 13:50 | 1/6/16 2:04 | 44040 |  |  |  | 9.28 |  | 12.93 |
| 112 | 112 2 0.8 1D | 1/5/16 13:50 | 1/6/16 2:04 | 44040 |  |  |  | 9.23 |  | 13.35 |
| 113 | 113 1 0.8 1D | 1/5/16 13:38 | 1/6/16 3:10 | 48720 |  |  |  | 9.47 |  | 9.45 |
| 113 | 113 2 0.8 1D | 1/5/16 13:38 | 1/6/16 3:10 | 48720 |  |  |  | 9.36 |  | 10.38 |
| 114 | 114 1 0.8 1D | 1/5/16 14:01 | 1/6/16 2:50 | 46140 |  |  |  | 9.41 |  | 10.71 |
| 114 | 114 2 0.8 1D | 1/5/16 14:01 | 1/6/16 2:50 | 46140 |  |  |  | 9.39 |  | 8.16 |
| 115 | 115 1 0.8 1D | 1/5/16 13:36 | 1/6/16 1:40 | 43440 |  |  |  | 9.72 |  | 6.37 |
| 115 | 115 2 0.8 1D | 1/5/16 13:36 | 1/6/16 1:40 | 43440 |  |  |  | 9.61 |  | 11.71 |

**3. $V_{HNO3}$ - Volume of HNO₃ added to resin gel during acidification step (mL):**    **1.0**    **0.001**

$V_{gel}$ - Volume of the resin gel (typically 0.16ml = 0.00016L)    **0.16**    **0.00016**

*fe* - elution factor for each metal (pulled from table to right)    -

itric Acid elution solution
P-MS

M - Mass of metal in the resin gel
$$M = Ce(V_{HNO3} + V_{gel})/fe$$

| | | | | | 0.8 | 0.984 | 0.947 | 0.987 | 0.973 | 0.977 | 0.808 | 0.983 | 0.935 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fe | Mn | Ni | Pb | Zn | As | Ag | Al | Cd | Cr | Cu | Fe | Mn | Ni |
| | | 6.35 | 4.03 | 35.11 | | | | 0.0101 | | 0.0132 | | | 0.01 |
| | | 5.16 | 5.09 | 38.83 | | | | 0.0102 | | 0.0177 | | | 0.01 |
| | | 9.68 | 5.18 | 65.55 | | | | 0.0111 | | 0.0224 | | | 0.01 |
| | | 6.82 | 3.10 | 35.51 | | | | 0.0103 | | 0.0102 | | | 0.01 |
| | | 5.47 | 4.66 | 35.34 | | | | 0.0104 | | 0.0107 | | | 0.01 |
| | | 5.10 | 3.94 | 38.38 | | | | 0.0104 | | 0.0163 | | | 0.01 |
| | | 7.45 | 5.24 | 45.94 | | | | 0.0106 | | 0.0105 | | | 0.01 |
| | | 31.62 | 5.54 | 36.36 | | | | 0.0118 | | 0.0208 | | | 0.04 |
| | | 19.71 | 5.54 | 42.88 | | | | 0.0109 | | 0.0216 | | | 0.02 |
| | | 5.43 | 3.67 | 37.99 | | | | 0.0109 | | 0.0132 | | | 0.01 |
| | | 4.65 | 2.99 | 32.64 | | | | 0.0107 | | 0.0158 | | | 0.01 |
| | | 4.19 | 2.97 | 34.34 | | | | 0.0108 | | 0.0089 | | | 0.01 |
| | | 9.39 | 4.24 | 34.29 | | | | 0.0109 | | 0.0153 | | | 0.01 |
| | | 6.56 | 4.60 | 39.32 | | | | 0.0109 | | 0.0159 | | | 0.01 |
| | | 30.79 | 4.25 | 33.67 | | | | 0.0111 | | 0.0112 | | | 0.04 |
| | | 8.28 | 3.38 | 34.24 | | | | 0.0110 | | 0.0123 | | | 0.01 |
| | | 7.86 | 6.03 | 37.97 | | | | 0.0111 | | 0.0127 | | | 0.01 |
| | | 6.66 | 2.82 | 33.71 | | | | 0.0110 | | 0.0097 | | | 0.01 |
| | | 5.63 | 3.40 | 34.16 | | | | 0.0114 | | 0.0076 | | | 0.01 |
| | | 20.12 | 5.05 | 35.84 | | | | 0.0113 | | 0.0139 | | | 0.02 |

**2. Average Temperature of Deployment (°C)**

**D - Diffusion coefficient of metal in the resin gel (temperature and metal specific) - this is pulled from a look up caluclation in columns AC:AM row 6.**

**A - exposure area (see window size as labeled on container of DGTs when received; typically 3.14 or 2.54cm²):**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0.974 | 0.963 | | | | **0** | 10.92 | 3.68 | 4.72 | 3.91 | 4.82 | 4.73 |

| Pb | Zn | 5. Δg - thickness of the diffusive gel (typically 0.8mm) | converted to cm | Final Δg PLUS the thickness of the filter membrane (typically 0.14mm): | As | Ag | Al | Cd | Cr | Cu | Fe |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | $C_{DGT}$ - Concentration of metal measured by DGT $C_{DGT} = MΔg/(DtA)*1000$ | | | | |
| 0.0048 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 1.77 | | 2.27 | |
| 0.0061 | 0.05 | 0.8 | 0.08 | 0.094 | | | | 1.79 | | 3.04 | |
| 0.0062 | 0.08 | 0.8 | 0.08 | 0.094 | | | | 2.01 | | 3.98 | |
| 0.0037 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 1.87 | | 1.81 | |
| 0.0055 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 1.74 | | 1.75 | |
| 0.0047 | 0.05 | 0.8 | 0.08 | 0.094 | | | | 1.74 | | 2.67 | |
| 0.0062 | 0.06 | 0.8 | 0.08 | 0.094 | | | | 1.86 | | 1.79 | |
| 0.0066 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 2.05 | | 3.55 | |
| 0.0066 | 0.05 | 0.8 | 0.08 | 0.094 | | | | 1.75 | | 3.40 | |
| 0.0044 | 0.05 | 0.8 | 0.08 | 0.094 | | | | 1.76 | | 2.07 | |
| 0.0036 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 1.88 | | 2.71 | |
| 0.0035 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 1.89 | | 1.53 | |
| 0.0050 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 1.94 | | 2.68 | |
| 0.0055 | 0.05 | 0.8 | 0.08 | 0.094 | | | | 1.93 | | 2.76 | |
| 0.0051 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 1.79 | | 1.77 | |
| 0.0040 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 1.77 | | 1.94 | |
| 0.0072 | 0.05 | 0.8 | 0.08 | 0.094 | | | | 1.88 | | 2.12 | |
| 0.0034 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 1.88 | | 1.61 | |
| 0.0040 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 2.06 | | 1.34 | |
| 0.0060 | 0.04 | 0.8 | 0.08 | 0.094 | | | | 2.04 | | 2.46 | |

| | Average & STd Dev | 16.09 | 0.24 |
|---|---|---|---|
| **16** | | | |

-

**2.54**

| 4.52 | 4.47 | 6.21 | 4.7 |
|---|---|---|---|

(µg/L)

| Mn | Ni | Pb | Zn |
|---|---|---|---|
| | 1.46 | 0.64 | 7.45 |
| | 1.19 | 0.81 | 8.24 |
| | 2.30 | 0.85 | 14.39 |
| | 1.62 | 0.51 | 7.80 |
| | 1.19 | 0.70 | 7.13 |
| | 1.11 | 0.59 | 7.74 |
| | 1.70 | 0.83 | 9.70 |
| | 7.23 | 0.88 | 7.67 |
| | 4.15 | 0.81 | 8.34 |
| | 1.14 | 0.53 | 7.39 |
| | 1.07 | 0.48 | 6.94 |
| | 0.96 | 0.47 | 7.30 |
| | 2.19 | 0.68 | 7.38 |
| | 1.53 | 0.74 | 8.47 |
| | 6.49 | 0.62 | 6.56 |
| | 1.75 | 0.49 | 6.67 |
| | 1.75 | 0.93 | 7.80 |
| | 1.48 | 0.43 | 6.93 |
| | 1.33 | 0.56 | 7.46 |
| | 4.76 | 0.83 | 7.83 |

**Appendix B5: SPME Chemistry**

**Drifter - Short Term Passive Sampler**

**Introduction**

Measurement of available concentrations of hydrophobic organic contaminants in surface water is important to understanding fate, transport, and potential risk of contaminants. *In situ* passive sampling has been used to obtain freely-dissolved concentrations in surface water as a time-integrated measurement capturing the change in concentrations during the exposure period of the GPS drifter deployment. Passive samplers have not been used with GPS drifters previously to our knowledge since the duration of exposure would not be sufficient to reach a fraction to steady state that could be used to calculate freely dissolved analyte concentrations. Time to reach equilibrium in polydimethylsiloxane (PDMS) for freely dissolved hydrophobic organic contaminants in the water column can be weeks to months utilizing performance reference compounds (PRCs) to evaluate the kinetics of the mass transfer and correction for nonequilibrium conditions. Time to equilibrium is known to be dependent on several factors, including flow rate of water over the PDMS coating of the solid phase microextraction (SPME) fiber. Flow rate has been acknowledged as a parameter to manipulate for optimization of deployment time, with higher water flow rates resulting in shorter time to equilibrium (Booji et al. 2016, O'Brien et al. 2012, Vrana et al. 2006).

For use with the storm water GPS drifter ("Dr. Ex"), the study utilized thin (10 micron [μm]) polydimethylsiloxane (PDMS) coated SPME fibers to take advantage of faster kinetics. Furthermore, the surface water surrounding the SPME fibers was agitated by flowing the water with a pump. Agitation aimed to reduce the thickness of the aqueous boundary layer surrounding the sampler to enhance uptake of the analytes into the PDMS. Thereby, reducing the time of deployment needed to reach sufficient time from weeks to month to hour to days in achieving an acceptable fraction to equilibrium.

**Objectives**

- To reduce the exposure duration of passive samplers to 1 to 2 days to obtain freely dissolved concentrations in surface water to enable time integrated sample over deployment period of stormwater GPS drifters.

**Preliminary Laboratory Testing**

*Methods and Results*

Prior to deployment in the field, preliminary laboratory testing was performed to confirm an expedited time to equilibrium was observed. These included the use of both a surrogate PRC (Sudan III dye) to reduce analytical costs as well as polychlorinated biphenyl (PCB) PRCs to confirm surrogate PRC results.

Sudan III (Sigma Aldrich, CAS 85-86-9) was selected as a surrogate PRC due to its lipophilic properties (Log octanol-water partition coefficient [$K_{OW}$] 6 – 7). Sudan III is a fat soluble dye primarily intended for use by the manufacturer as an animal tissue stain. A dilution series of surrogate PRC hexane solutions were created and the absorbance of these solutions was observed at a wavelength of 507 nanometers (nm) to create a preliminary standard curve in November 2014. This preliminary test confirmed absorbance of Sudan III in hexane solution could be observed over a range of concentrations and the relationship between absorbance and concentration from the standard curve could be used to estimate the concentration of Sudan III in a hexane extract.

In December 2014, surrogate PRC 80:20 methanol:water solution was created (273 milligrams per liter (mg/L) and varying lengths of SPME fiber (10μm PDMS coating thickness, Fiberguide Industries, Stirling, NJ, "SPC210/230R, No Jacket, CL-0097-1") were loaded with surrogate PRCs under agitation and static conditions for varying durations. The SPME fibers were then wiped with a Kimwipe, cut, placed in an amber glass autovial, and extracted with 1.8 milliliters (mL) of hexane. The extraction was transferred to cuvets and absorbance was observed on the spectrometer at 507 nm. Uptake of surrogate PRC was found to be preferable under agitation conditions for a duration of greater than 24 hours and not housed within a steel mesh envelope.

| Test | Length of SPME Fiber (cm) | PRC Uptake Conditions | PRC Uptake Duration | Absorbance | Concentration of Sudan III in PDMS (ng/μL) |
|---|---|---|---|---|---|
| Fiber #1 | 100 | Stir | 3 hours | 0.063 | 240 |
| Fiber #2 | 12 | Stir | 3 hours | 0.006 | 250 |
| Fiber #3 | 150 | Stir, housed in steel mesh envelope | 3 hours | 0.031 | 132 |
| Fiber #4 | 150 | Static | 26 days | 0.533 | 1669 |
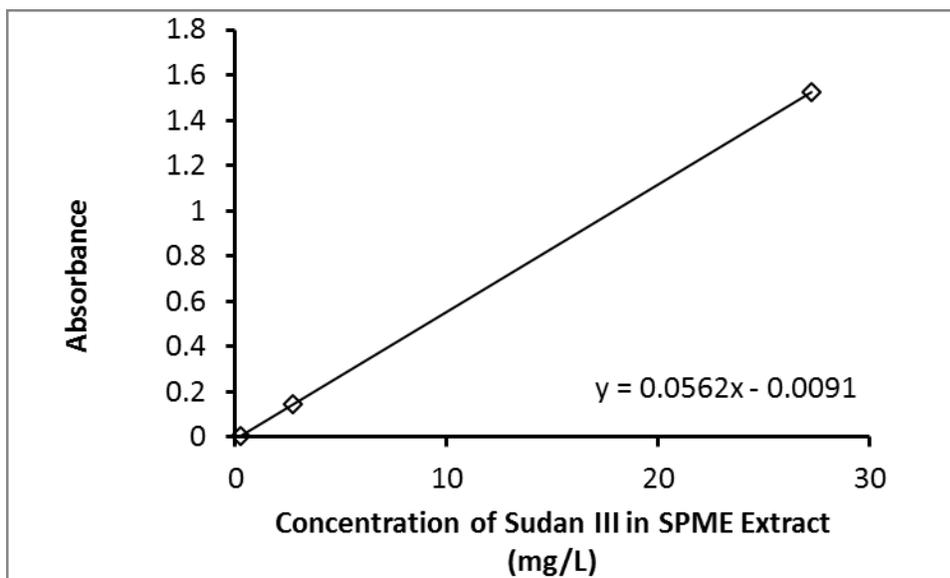


In the second week of February 2015, elimination of Sudan III from SPME fiber was observed at various time points. Surrogate PRCs were loaded to 200 centimeter (cm) lengths of SPME fiber coiled, placed in 273 mg/L surrogate PRC methanol:water solution, and rotated for 4 hours. The fiber was wiped with a Kimwipe and placing in teflon tubing attached to pumps. Pumps were placed in a flow-through tank (6171 L/day) with intake from San Diego Bay. Two flow rates were used with same pump by selecting tubing with two different diameters (1/4- and 3/8-inch). Static tests were also conducted in beakers in the same walk-in cooler as the flow-through tank with San Diego Bay water. In the 24 hour time point,

elimination of the surrogate PRC from PDMS of the SPME fiber was observed from the blanks and the lower and higher flow rates had similar eliminate rates; both eliminated more quickly than static conditions. However, at the 48 hour time point, elimination was not observation as expected, potentially due to interference from absorbance of undesired materials into PDMS from San Diego Bay water. It was also noted that the flow through system did not flow for approximately 8 hours in the evenings. An absorbance of 0.008 was observed for hexane extraction of unexposed, blank fiber.

| Test | Elimination Conditions | Absorbance | Concentration of Sudan III in PDMS (ng/µL) | Percent to Equilibrium (%) | Elimination Rate (1/day) |
|---|---|---|---|---|---|
| Blank #1 | NA | 0.074 | 260 | NA | NA |
| Blank #2 | NA | 0.095 | 220 | NA | NA |
| Lower Rate t=24 | Pumped 24 hours Flow rate 1592 L/day | 0.006 | 36 | 85 | 1.91 |
| Higher Rate t=24 | Pumped 24 hours Flow rate 2750 L/day | 0.006 | 33 | 86 | 1.97 |
| Static t=24 | Static 800 mL beaker 24 hours | 0.030 | 97 | 60 | 0.91 |
| Lower Rate t=48 | Pumped 48 hours Flow rate 1592 L/day | 0.004 | 31 | 87 | 1.03 |
| Higher Rate t=48 | Pumped 48 hours Flow rate 2750 L/day | 0.003 | 35 | 85 | 0.96 |
| Static t=48 | Static 500 mL beaker | 0.045 | 128 | 47 | 0.31 |

In the fourth week of February 2015, simultaneous surrogate and PCB PRC elimination tests were performed. One set of fibers was loaded with Sudan III (93 mg/L surrogate PRC methanol:water solution) and another with PCB PRCs (0.2 µg/mL of each rare PCB congener PRC (80:20 methanol:MQ water solution containing PCB-29 (Trichlorinated homolog PRC), PCB-69 (Tetrachlorinated homolog PRC), PCB-104 (Pentachlorinated homolog PRC), and PCB-154 (Hexachlorinated homolog PRC)) by rotating coils for 24 hours. The fibers were wiped with Kimwipe and placed in Teflon tubing attached to pump (flow-rate 2750 L/day). Pump assemblies were placed in the flow-through tank with San Diego Bay water and it was confirmed the system was operational the entire duration of the experiment. Static conditions were also observed by placing wiped, loaded fibers in the Teflon tubing placed into the flow-through tank (one surrogate PRC and one PCB PRC). Two pump assemblies housed fibers with surrogate PRCs and two with PCB PRCs. After the time points were reached, fibers were wiped with Kimwipe, cut, placed in amber glass autovial, and extracted with 1.8 mL of hexane. Sudan III was extracted for 10 – 15 minutes. PCB extractions were maintained cool (4 degrees Celsius) until analysis by ERDC. Utensils such as forceps and scissors were decontaminated between samples. Prior to absorbance measurements, each cuvette was filled with hexane blank and an absorbance reading of 0.000 ± 0.006 was observed to ensure adequate cleaning between samples (cuvettes were air dried prior to measurements).

The surrogate PRC was observed to be eliminated in the 1 and 3 hour pumped time points at a similar rate to the static 3 hour time point. The 5 hour pump time was found to be closer to equilibrium than the static 5 hour time point; however, the elimination was not found to be closer to equilibrium than the

1 and 3 hour time points, likely due to absorbance of an undesired, unknown dissolved material from San Diego water. Additionally, the elimination rate for the 5 hour time point was not found to be similar to observations of PCB PRC elimination.

| Surrogate PRC Elimination Test | | | | |
|---|---|---|---|---|
| Sample | Absorbance | Concentration of Sudan III in PDMS (ng/µL) | Percent to Equilibrium (%) | Elimination Rate (1/day) |
| Blank | 0.049 | 158 | NA | NA |
| Blank Duplicate | 0.060 | 179 | NA | NA |
| Pump t=1 hour | 0.031 | 134 | 20 | 5.5 |
| Pump t=3 hour | 0.027 | 112 | 34 | 3.3 |
| Static t=3 | 0.025 | 108 | 36 | 3.6 |
| Pump t=5 hours | 0.113 | 152 | 10 | 0.48 |
| Static t=5 hours | 0.036 | 164 | 3 | 0.12 |

| | PCB-29 Log $K_{OW}$ = 5.6 | | | PCB-69 Log $K_{OW}$ = 6.04 | | | PCB-104 Log $K_{OW}$ = 5.81 | | | PCB-154 Log $K_{OW}$ = 6.76 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCB PRC Elimination Test** | | | | | | | | | | | | |
| Sample | Concentration in PDMS (ng/μL) | Percent to Equilibrium (%) | Elimination Rate (1/day) | Concentration in PDMS (ng/μL) | Percent to Equilibrium (%) | Elimination Rate (1/day) | Concentration in PDMS (ng/μL) | Percent to Equilibrium (%) | Elimination Rate (1/day) | Concentration in PDMS (ng/μL) | Percent to Equilibrium (%) | Elimination Rate (1/day) |
| Blank | 0.85 | NA | NA | 0.80 | NA | NA | 1.32 | NA | NA | 1.15 | NA | NA |
| Pump t=5 hours | 0.31 | 63 | 4.8 | 0.48 | 40 | 2.5 | 0.92 | 30 | 1.7 | 0.84 | 27 | 1.5 |
| Pump t=24 hours | 0.09 | 90 | 2.3 | 0.26 | 67 | 1.1 | 0.71 | 46 | 0.62 | 0.90 | 22 | 0.25 |
| Two Week *In Situ* Exposure at Bremerton Site (Baseline) | -- | -- | 0.056 | -- | -- | 0.035 | -- | -- | 0.043 | -- | -- | 0.0086 |

Log $K_{OW}$ was referenced from Hawker and Connell (1988)

Elimination of PCB-29 from PDMS was found to be increased by pumping water over the SPME fiber after 5 hours and achieved 90% of equilibrium within 24 hours. For comparison purposes, elimination rate for this testing are compared to the elimination of these PCB PRCs under *in situ* conditions at the Bremerton, Washington ESTCP Project site in the baseline monitoring (PCB PRCs loading and fiber are the same) and the elimination rate was observed to be greater for both time points compared to observations from the Bremerton project after two weeks *in situ* exposure. Similar observations were made for PCB-69, but to a lesser degree. For PCB-104 and PCB-154, the elimination at the 5 hour time point is accelerated compared to the elimination observed in the Bremerton Project. However, in the 24-hour time point, the concentration in PDMS is similar to observations at the 5 hour time point, indicating pumping water over the SPME fibers does not have an observable effect on the elimination of these more chlorinated congeners. The influence of water velocity has been found to decrease with increasing the octanol–water partition coefficient in another PCB passive sampling study utilizing silicone rubber (Estoppey et al. 2014).

In September 2015, battery operated pumps were used to flow water over the PDMS coating of the SPME fibers in a pier-side demonstration prior to field deployment. To save on analytical costs, surrogate PRCs were used for this demonstration. SPME fibers (210 cm) were coiled, placed in PRC solution, and rotated on rollers from August 17 to September 22-23, 2015 to load surrogate PRCs into PDMS. The fibers were removed from PRC solution, wiped with Kimwipe 10 times, placed in 3/8-inch Teflon tubing attached to battery operated pump. Pumps were placed in San Diego Bay from the pier at SPAWAR SSC Point Loma and pumps were turned on with a flow rate of 1440 L per day. All cuvettes were triple rinsed and hexane blank was measured to 0.000 ±0.001 absorbance. Again, the observation was made that the elimination rate was accelerated in the first time points (1-, 3-, and 5-hour); however, in the 24-hour, there appears to be interference with the surrogate PRC from absorbance of undesired, unknown material. Therefore, it was determined the surrogate PRC would not be used under this project under field conditions. Further study of surrogate PRCs is needed to understand these observations and successfully apply surrogate PRCs instead of PAH or PCB PRCs analyzed by an analytical laboratory.

| Test | Absorbance | Concentration of Sudan III in PDMS (ng/μL) | Percent to Equilibrium (%) | Elimination Rate (1/day) |
|---|---|---|---|---|
| Blank | 0.143 | 329 | NA | NA |
| t=1 hour | 0.099 | 251 | 24 | 6.5 |
| t=3 hours | 0.067 | 165 | 50 | 5.5 |
| t=5 hours | 0.037 | 100 | 70 | 5.7 |
| t=24 hours | 0.061 | 155 | 53 | 0.76 |

Overall, the preliminary laboratory results using a dye surrogate and PCB PRC found the pumping system enhanced time to equilibrium sufficiently to obtain measurements with a deployment duration of one to two days. Therefore, short term passive sampling was performed in the field.

**Field Deployment**

*Methods*

The samplers were prepared at the SSC-PAC environmental laboratory in San Diego, California to consist of 14 μL of PDMS (210 cm of 10μm PDMS coating thickness, Fiberguide Industries, Stirling, NJ ("SPC210/230R, No Jacket, CL-0097-1"). Fibers were preloaded with 2 μg/mL of each rare PCB congener PRC (80:20 methanol:MQ water solution containing PCB-29 [Trichlorinated homolog PRC], PCB-69 [Tetrachlorinated homolog PRC], PCB-104 [Pentachlorinated homolog PRC], and PCB-154 [Hexachlorinated homolog PRC] and 2 μg/mL of each deuterated polycyclic aromatic hydrocarbons (PAHs; acenaphthylene-d8, pyrene-d10, and benzo[a]pyrene-d12). Fibers were coiled, placed in PRC solution and rotated for 24 hours. Upon removal from PRC solution, the fibers were wiped with a Kimwipe and placed inside 3/8-inch diameter 12-inch length of Teflon tubing and kept cool (4°C) prior to deployment. The Teflon tubing housing the fibers was attached with a fitting to the battery-operated pump immediately prior to deployment (within 15 minutes). The battery-operated submersible pump was attached to the center of the GPS drifter. The flow rate of the pumps was 1440 L/day. A Standard Operating Procedure for the field is provided in Attachment 1.  In addition to field exposed samples, trip blanks were taken into the field, but not exposed to surface water. The fridge blanks were maintained in the fridge of the environmental laboratory in which the samplers were created.

**Event 1 Results**

All passive samplers were recovered from the GPS drifters. The fibers were retrieved intact with essentially no loss of PDMS volume (Table PCB-E1-1). Samplers were processed and extracted at the SSC-PAC environmental laboratory in San Diego, California. A nominal volume of 1.6 mL of hexane was added to the amber glass vial for extraction and the volumes as calculated by weight are provided in Table PCB-E1-1. When the vials were received at the analytical laboratory, ERDC, it was found that the use of pre-split caps on the vials had resulted in either evaporation or leakage of the hexane extract. Loss of hexane volume ranged from 43% to 96%. None of the samples arrived with fibers fully submerged. This causes uncertainty with the passive sampling results of Event 1. Therefore, freely dissolved concentrations were calculated for demonstration purposes only.

*PCB Analysis*

Table PCB-E1-2 provides the PDMS-water partition coefficients and solubility for each PCB congener (Smedes et al. 2009). PCB PRCs (PCB-29, 69, 104, and 154) were detected in each sample (Table PCB-E1-3). Non-PRC PCB congeners detected were generally also detected in the fridge and trip blanks at similar masses (PCB-132/153, PCB-146, PCB-147/149, PCB-180, PCB-183, and PCB-187). Therefore, it is suspected these congeners are present in the PRC solution as impurities. Results for the PRC solution submitted for analysis after receipt of passive sampling results are pending.

The concentration of PCBs in PDMS is calculated in Table PCB-E1-4. Table PCB-E1-5 summarizes the concentration of the PCB PRCs in PDMS. There was variability among the concentration of PCB PRCs in PDMS of the blanks. Unexpectedly, lower concentrations in the fridge blanks were observed compared to the trip blanks and in general, lower concentrations in the blanks than the field exposed samples. These unexpected results were potentially due to the use of pre-split caps, which resulted in either leaking or evaporation of the hexane extract and none of the fibers arriving to the analytical laboratory

7

fully submerged. This causes uncertainty with these results. Therefore, freely dissolved concentrations in water have been calculated for demonstration purposes only.

The concentrations in the composite water samples were below the detection limit of 0.33 ng/L for all PCB congeners. The freely dissolved concentrations of total PCBs in water as measured by passive sampling are below this detection limit, except for sample D109 (total PCB concentration of 0.49 ng/L).

*PAH and Pesticide Analysis*

The partition coefficients and solubility of PAHs and pesticides are shown in Table PP-E1-1 (Smedes et al. 2009, US EPA 2012, Mayer et al. 2000, Achten and Andersson 2015, and ATSDR). Masses of the PAHs and pesticides in hexane extract are provided in Table pp-E1-2. PAH PRCs (acenaphthylene-d8, benzo(a)pyrene-d12, pyrene-d10) were detected in all samples and blanks, except acenaphthylene-d8 was not detected in sample D106 (masses for several samples were below the reporting limit for acenaphthylene-d8 and pyrene-d10). Fluoranthene and dieldrin were above the detection or reporting limit in one or more samples. Chrysene, phenanthrene, and pyrene results were above the detection limit and below the reporting limit in one or more samples. Concentrations in PDMS were calculated in Table PP-E1-3 and PAH PRCs are summarized in Table PP-E1-4. The concentrations of deuterated PAHs in the blanks were largely variable (CV 75% to 136%). The blank with the least loss of the hexane volume was used to calculate freely dissolved concentrations in water for demonstration purposes only. Overall, the regression models for each sample had strong correlation ($r^2 > 0.8$), with the exception of sample D107 which had pyrene-d10 concentrations in PDMS that were greater than the blanks; correction factors were calculated for this sample, excluding this PRC (Table PP-E1-5). Concentrations in water were calculated in Table PP-E1-6. Fluoranthene was detected in six samples with concentrations ranging from 1.4 to 7.0 ng/L. Phenanthrene was detected in six samples with concentrations ranging from 5.3 to 13 ng/L. Pyrene was detected in six samples with concentrations ranging from 1.3 to 5 ng/L. Dieldrin was detected in seven samples with concentrations ranging from 0.17 to 0.59 ng/L.

In composite drifter water sample for sample D107, benzo (a) anthracene was detected at 17.2 ng/L and fluorene was detected in several water samples (D108, D110, D111, D112, and D114) at concentrations ranging from 18.8 to 44.8 ng/L. Neither of these analytes were detected in the passive sampling results and analytes which were detected via passive sampling were generally at lower concentrations. Detection limits for pesticides and PAHs via composite water sample collection were 0.3 ng/L and 6.6 ng/L, generally similar to passive sampling detection limits.

## Event 2 Results

All samplers were recovered with nearly 100% fiber recovery in all samples (Table PCB-E2-1). Hexane extracts were received in good condition by the analytical laboratory.

*PCB Analysis*

Table PCB-E2-2 provides the PDMS-water partition coefficients and solubility for each PCB congener (Smedes et al. 2009). PCB PRCs (PCB-29, 69, 104, and 154) were detected in each sample (Table PCB-E2-3). Non-PRC PCB congeners detected were generally also detected in the fridge and trip blanks at similar masses (PCB-132/153, PCB-146, PCB-147/149, PCB-180, PCB-183, and PCB-187). Therefore, it is suspected these congeners are present in the PRC solution as impurities. Results for the PRC solution submitted for analysis after receipt of passive sampling results are pending.

The concentration of PCBs in PDMS is calculated in Table PCB-E2-4. Table PCB-E2-5 summarizes the concentration of the PCB PRCs in PDMS. As expected, the fridge blank had the highest concentrations of PRC PCBs among the blanks. However, the fridge blank did not have greater concentrations than all the field exposed samples. There was not great variability among the concentration of PCB PRCs in PDMS of the blanks (<15% CV); therefore, the average of the blanks was used to compare $PDMS_{t=0}$ concentrations to $PDMS_{t=final}$ concentrations to derive correction factors (CF). The concentration of PRC PCBs of the blank average was greater than field exposed samples except samples D113 and D114, indicating either the pump was not functioning or the pump did not increase the elimination rate of PRCs from the PDMS. Due to inclement weather and safety concerns, the pumps were not checked at the end of this sampling event to ensure each was functioning properly; therefore, it is not possible to determine which is the case. For PCB-69, sample D108 also had concentrations greater the average of the blanks. For PCB-104 and 154, 6 to 7 of the 10 samples did not have concentrations greater than the average of the blanks, indicating the penta- and hexachlorinated biphenyls were less affected by the pump than the tri- and tetrachlorinated biphenyls. The correction factors could not be calculated for samples D108, D113, and D114 since sufficient percent to steady state was not achieved for more than one PCB PRC. For the other 7 samples, an average of 38%, 15%, 6%, and 0.5% to steady state was reached for PCB-29, 69, 104 and 154, respectively (with CV ≤ 20%). This further supports the more chlorinated the biphenyl, the less affected the elimination rate of the PRC from the PDMS by pumping of water over the fiber. Also, it should be noted, the duration of deployment was approximately 6 hours. If the deployment time had been closer to the scoped goal of the 24 to 48 hours, each PCB PRC was likely to have reached at least 10% of steady state.

The sample specific CFs were calculated in Table PCB-E2-6, concentrations in water were calculated in Table PCB-E2-7, and summarized in Table PCB-E2-8. PCBs were not detected for samples D106, D109, D111, D112, and D115. Hexa- and heptachlorinated biphenyls were detected in samples D107 and D109 with total PCB concentrations of 0.16 and 0.22 ng/L, respectively. However, these detections were potentially spurious and due to analytical artifact, impurity in the PRC solution, or contamination in the process. Results checking for impurities in the PRC solution are pending.

The concentrations in the composite water samples were below the detection limit of 0.33 ng/L for all PCB congeners. The freely dissolved concentrations of total PCBs in water as measured by passive sampling are below this detection limit.

### PAH and Pesticide Analysis

The partition coefficients and solubility of PAHs and pesticides are shown in Table PP-E2-1 (Smedes et al. 2009, US EPA 2012, Mayer et al. 2000, Achten and Andersson 2015, and ATSDR). Masses of the PAHs and pesticides in hexane extract are provided in Table PP-E2-2. PAH PRCs (acenaphthylene-d8, benzo(a)pyrene-d12, pyrene-d10) were detected above reporting limits in all samples and blanks, except for acenaphthylene-d8, which was not detected in sample D111. Acenaphthene, anthracene, benzo (a) anthracene, chrysene, fluoranthene, fluorene, phenanthrene, pyrene, alpha-chlordane, dieldrin, and gamma-Chlordane were detected in one or more samples above reporting limits (Table PP-E2-2). Concentrations in PDMS were calculated in Table PP-E2-3 and summarized for PAH PRCs in Table PP-E2-4. Although the concentrations of deuterated PAHs in the blanks were largely variable (CV 40% to 101%), the average was used to calculate the correction factors. Overall, the regression models for each sample had strong correlation ($r^2$>0.8), with the exception of samples D111 and D114, due to the high

concentration of pyrene-d10 in these samples compared to the other field exposed samples. Sample D113 had concentrations of pyrene-d10 greater than the average of the blanks. This may indicate the elimination rates of pyrene-d10 was not affected by the flow of water over the PDMS coating. Acenaphthylene-d8 and benzo(a)pyrene-d12 reached an average of 98% and 89% steady state, respectively, with little variability among the field exposed samples (standard deviation 1% to 7%, respectively). Though, pyrene-d10, reached an average of 77% to steady state with 47% standard deviations. However, it would be unexpected that pyrene-d10 would less readily eliminate from PDMS compared to benzo(a)pyrene based on partitioning coefficients. It may also indicates samples D111, D113, and D114 were either less affected by the pumped water or the pump was not functioning. The field crew was not able to note whether the pump was operational due to inclement weather and safety concerns. Correction factors were calculated in Table PP-E2-5 and concentrations in water were calculated in Table PP-E2-6. Acenaphthene was detected in two samples at concentrations of 17 and 35 ng/L. Anthracene was detected in five samples ranging from 4.4 to 21 ng/L. Benzo (a) anthracene was detected in two samples at 0.42 ng/L. Chrysene was detected in one sample at 0.43 ng/L. Fluoranthene was detected in five samples at 1.4 to 20 ng/L. Fluorene was detected in three samples at 10 to 20 ng/L. Phenanthrene was detected in seven samples at 4.8 to 58 ng/L. Pyrene was detected in six samples at 1.6 to 7.7 ng/L. alpha-Chlordane was detected in five samples at 0.043 to 0.089 ng/L. Dieldrin was detected in seven samples at 0.087 to 0.33 ng/L. Finally, gamma-Chlordane was detected in five samples at 0.042 to 0.06 ng/L.

In composite water for drifter samples, pesticides were not detected above 0.30 ng/L. The three pesticides detected by passive sampling had detected concentrations ranging from 0.043 to 0.33 ng/L. For 16 of 24 pesticide analytes, water composite sample collection had a higher detection limit compared to passive sampling measurements. One or more PAHs were detected in each composite water collection drifter sample. A comparison with the PAH analytes detected by passive sampling is shown in Table PP-E2-7.

For acenaphthene, anthracene, fluorene, and phenanthrene, the average concentration in water as measured by water composite sample collection and passive sampling were similar. For benzo (a) anthracene, fluoranthene, and pyrene concentrations were an order of magnitude higher via water composite collection, indicating the freely dissolved concentration is lower than total concentration. 1-methylnaphthalene, 2-methylnaphthalene, benzo (b) fluoranthene, benzo (g,h,i) perylene, chrysene, and naphthalene were detected by water composite sample collection (at concentrations below the reporting limit for all analytes and samples except sample D114 for naphthalene), and below the detection limit via passive sampling. Acenaphthylene, benzo (a) pyrene, benzo (k) fluoranthene, dibenz (a,h) anthracene, and indeno (1,2,3-cd) pyrene were not detected via either method.

**Discussion and Conclusions**

The preliminary laboratory results using a dye surrogate and PCB PRCs found the pumping system enhanced time to equilibrium and it was expected to be sufficient to obtain measurements with a deployment duration of one to two days.

For field deployment in Event 1 (approximately 12-hour exposure period), interpretation of passive sampling results was difficult due to uncertainty related to the condition of sample receipt by the analytical laboratory (use of pre-split caps leading to evaporation or leakage of hexane extract and not full submergence of fibers). Evaporation of hexane would likely lead to the concentration of analytes in

the remaining extract not necessarily lead to erroneous results. Furthermore, there was no sign of extract leakage as noted by the analytical laboratory; however, there is also not a method to determine if liquid leakage occurred and whether to the entire volume of PDMS was extracted prior to the release of extract from the vial. Given the results for PCBs do not show the PRCs reached sufficient equilibrium for quantitative estimation of freely dissolved concentrations, these results have been calculated for demonstration purposes only. The concentrations of PCBs were generally below detection limit as measured by passive sampling and composite water sample collection. For PAH PRCs, overall, the regression models had strong correlations. The PAH and pesticide detection limits were generally similar compared to composite water sample collection.

For field deployment in Event 2 (approximately 6 hour exposure period), hexane extracts were received in good condition by the analytical laboratory. Variability among the concentration of PCB PRCs in PDMS of the blanks was not large (<15% CV) and the concentration of PRC PCBs of the blank average was greater than field exposed samples except samples D113 and D114, indicating either the pump was not functioning for those samples or the pump did not increase the elimination rate of PRCs from the PDMS. Due to inclement weather and safety concerns, the pumps were not checked at the end of this sampling event to ensure each was properly functioning; therefore, it is not possible to determine which is the case. The correction factors could not be calculated for samples D108, D113, and D114 since sufficient percent to steady state was not achieved for more than one PCB PRC. For the other 7 samples, an average of 38%, 15%, 6%, and 0.5% to steady state was reached for PCB-29, 69, 104 and 154, respectively. This indicates the penta- and hexachlorinated biphenyls were less affected by the pump than the tri- and tetrachlorinated biphenyls. The influence of water velocity has been found to decrease with increasing the octanol–water partition coefficient in another PCB passive sampling study utilizing silicone rubber (Estoppey et al. 2014). Also, it should be noted, the duration of deployment was approximately 6 hours. If the deployment time had been closer to the scoped goal of the 24 to 48 hours, each PCB PRC may have reached at least 10% of steady state. The concentrations in the composite water samples were below the detection limit of 0.33 ng/L for all PCB congeners. The freely dissolved concentrations of total PCBs in water as measured by passive sampling are below this detection limit.

Regarding PAH PRCs, overall, the regression models for each sample had strong correlation ($r^2$>0.8), with the exception of samples D111 and D114, due to the high concentration of pyrene-d10 in these samples compared to the other field exposed samples. Also, sample D113 had concentrations of pyrene-d10 greater than the average of the blanks. This may indicate the elimination rates of pyrene-d10 was not affected by the flow of water over the PDMS coating. Acenaphthylene-d8, benzo(a)pyrene-d12, and pyrene-d10 reached an average of 98%, 89%, and 77% of steady state, respectively. However, it would be unexpected that pyrene-d10 would less readily eliminate from PDMS compared to benzo(a)pyrene based on partitioning coefficients. This may indicate samples D111, D113, and D114 were either less affected by the pumped water or the pump was not functioning. Sensitivity of the passive sampling device was generally comparable or lower than observed via water composite sample collection and compared to other studies (Vrana et al. 2006).

The elimination rates for PCB-29, 69, 104, and 154 were an average of 2.0, 0.74, 0.31, and 0.10 d$^{-1}$, respectively (time to 95% equilibrium of 1.5, 4, 10, and 31 days, respectively). The elimination rates for acenaphthylene-d8, benzo(a)pyrene-d12, and pyrene-d10 were an average of 0.18, 0.30, and 0.24 d$^{-1}$, respectively (time to 95% equilibrium of 4, 7, and 6 hours, respectively).

In conclusion, further research is needed to support the application of flow to achieve shorter term passive sampling for measurement of freely dissolved concentration of hydrophobic organic contaminants in water. Identification of the limitations of the application of flow, such as identifying analytes of interest for which this is most applicable, and the optimization of flow rates would be of interest. Short term passive sampling of water would help in avoidance of potential biofouling issues, minimize sampler loss and vandalism, and limit the duration of the time integrated sample, as desired, to capture the exposure of interest (such as a stormwater plume).

## References

Achten and Andersson. 2015. Overview of Polycyclic Aromatic Compounds (PAC). Polycyclic Aromatic Compounds, 35:177–186.

Allan et al. 2011. Mobile passive samplers: Concept for a novel mode of exposure. Environmental Pollution 159 (2011) 2393-2397.

ATSDR. 1996. Toxicological Profile for Endrin. August.

ATSDR. 2002. Toxicological Profile for Aldrin/Dieldrin. September.

ATSDR. 2002. Toxicological Profile for DDT, DDE, and DDD. September.

ATSDR. 2005. Toxicological Profile for Alpha-, Beta-, Gamma-, and Delta-Hexachlorocylohexane. August.

ATSDR. 2007. Toxicological Profile for Heptachlor and Heptachlor Epoxide. November.

ATSDR. 2015. Toxicological Profile for Endosulfan. August.

Booji et al. 2016. Passive Sampling in Regulatory Chemical Monitoring of Nonpolar Organic Compounds in the Aquatic Environment. Environ. Sci. Technol. 2016, 50, 3–17.

Estoppey et al. 2014. Effect of water velocity on the uptake of polychlorinated biphenyls (PCBs) by silicone rubber (SR) and low-density polyethylene (LDPE) passive samplers: An assessment of the efficiency of performance reference compounds (PRCs) in river-like flow conditions. Science of the Total Environment 499 (2014) 319–326.

Mayer et al. 2000. Sensing Dissolved Sediment Porewater Concentrations of Persistent and Bioaccumulative Pollutants Using Disposable Solid-Phase Microextraction Fibers. Environ. Sci. Technol. 2000, 34, 5177-5183.

O'Brien et al. 2012. Determination of deployment specific chemical uptake rates for SPMD and PDMS using a passive flow monitor. Marine Pollution Bulletin 64: 1005–1011.

Smedes et al. 2009. Polymer-Water Partition Coefficients of Hydrophobic Compounds for Passive Sampling: Application of Cosolvent Models for Validation. Environ. Sci. Technol. 2009, 43, 7047–7054.

US EPA. 2012. Guidelines for Using Passive Samplers to Monitor Organic Contaminants at Superfund Sediment Sites. Sediment Assessment and Monitoring Sheet (SAMS) #3. December. OSWER Directive 9200.1-110FS.

Vrana et al. 2005. Passive sampling techniques for monitoring pollutants in water. Trends in Analytical Chemistry, Vol. 24, No. 10.

Vrana et al. 2006. Calibration of the Chemcatcher passive sampler for the monitoring of priority organic pollutants in water. Environmental Pollution 142 (2006) 333-343.

**Appendix B6: Toxicity Data**

# SPAWAR

**Systems Center PACIFIC**

## SSC Pacific

## Drifter Toxicity Report
## January 2016



**Prepared for:**   **SPAWAR System Center**
**Pacific Bioassay Laboratory**
**Environmental Sciences Branch, Code 71760**
**53475 Strothe Road**
**San Diego, CA 92152**

**Prepared by:**   **SPAWAR System Center**
**Pacific Bioassay Laboratory**

**Submitted:**   **March 15, 2016**

Data Quality Assurance:
- o   SSC Pacific Bioassay Laboratory is a certified laboratory under the State of California Department of Health Services, Environmental Laboratory Accreditation Program (ELAP), Certificate No. 2601; State of Washington Department of Ecology, Lab ID. No. F893.
- o   All data have been reviewed and verified.
- o   Any test data discrepancies or protocol deviations have been noted in the summary report pages.

## TABLE OF CONTENTS

## LIST OF TABLES AND FIGURES

EXECUTIVE SUMMARY

Chronic toxicity testing with purple sea urchin (*Strongylocentrotus purpuratus*) embryos was performed using standardized protocols (USEPA 1995) to evaluate the environmental quality of receiving water at Naval Base San Diego near Paleta creek adjacent to Naval Base San Diego during and immediately following a storm event. The results reported are from two rain events: January 5th and January 31st, 2016. A total of seven and 10 samples were tested for the January 5th and January 31st, 2016 storms, respectively.

Storm water samples were collected using the Drifter Exposure System (DrEx), which is designed to collect surface waters while drifting with currents within the resulting storm water plumes. For the January 5th storm, samples from Drifter #106 and 107 resulted in toxic responses at the highest testable concentration using student's t-test when compared to laboratory controls. The Test for Significant Toxicity (TST) provided similar results and also found the sample from Drifter #114 to be significantly lower from its respective controls. For the January 31st storm, samples from Drifters #106, 107, 108, 109, 110, 111, 112 resulted in significant reduction in embryological development relative to the controls at the highest testable concentration using student's t-test. The TST resulted in only five of the same six samples being toxic (#106, 107, 108, 109, and 112). It is important to note that the drifter ID is independent between the two storms and does not indicate similarities in trajectories taken during deployment. Drifter IDs showing similar toxicity between the two storms is merely coincidence. In addition, it should be noted that toxic results ranged from 0 to 89% normal larval development, therefore, we recommend that relative toxicity be investigated depending on goals and comparisons with other parameters associated with the Drifter project.

INTRODUCTION

Chronic toxicity testing using the purple sea urchin (*Strongylocentrotus purpuratus*) embryo-larval development test (USEPA 1995) was performed to evaluate the environmental quality of water samples collected from up to 10 Drifters that were deployed for a duration of up to 12 hours. Samples were collected from an oceanographic-styled Global Positioning System (GPS) drifting buoy that is designed to move with the water currents (DrEx). Drifters were deployed at the onset of each storm event and allowed to drift within the resulting storm water plume that entered into the receiving embayment downstream from Paleta Creek. The DrEx system is designed to collect up to five liters of surface water at a rate of approximately 0.5ml/sec into a sampling bag.

Two storms were targeted for deployment of 10 DrEx systems. The first storm occurred on January 5th and DrEx systems were deployed for a total of 12 hours; the second storm occurred on January 31st and DrEx systems were deployed for a total of 6 hours. The second storm resulted in a shorter sampling duration due to adverse weather conditions at the sampling location which resulted in the DrEx systems being retrieved earlier than planned.

Seven samples were obtained from the January 5th storm and 10 samples were collected from the January 31st storm. Toxicity testing on collected samples for the first and second storms was conducted at the SPAWAR

Systems Center – Pacific Bioassay Laboratory on January 7th through January 11th, 2016 and February 1st through February 5th, 2016, respectively.

## MATERIALS AND METHODS

### Test Material

Test material consisted of seven or 10 composite water samples collected by automated samplers on the DrEx systems for the first and second storm, respectively. Samples were collected in 5-L PTFE gas sampling bags within the DrEx system. Following the sampling period, sample bags were removed from each DrEx system and transferred to the laboratories at SPAWAR Systems Center (SSC) by SSC staff. Additionally, at the onset of each storm, an ambient grab sample was collected from the approximate location from where the Drifters were initially deployed. Samples were split by SSC staff and a subsample was provided to the SSC Bioassay Laboratory for toxicity testing in 250ml HPDE bottles. Sample collection and receipt times for each storm event are summarized in

Table 1 and Table 2. Copies of chain of custody forms are provided in Appendix D. Upon receipt in the SSC Bioassay Laboratory, water quality parameters including pH, dissolved oxygen (DO), salinity and temperature were measured prior to testing.

**Table 1. Sample Collection and Receipt Times for January 5th, 2016 Storm**

| Drifter ID | Laboratory Sample ID | Matrix | Type | Sample Collection Date/Time | Sample Receipt Date/Time (SSC) |
|---|---|---|---|---|---|
| - | **Ambient Sample** | Water | Grab | 5 Jan 2016 1327 | 7 Jan 2016 1030 |
| **106** | **D1** | Water | Composite | 6 Jan 2016 0230 | 7 Jan 2016 1030 |
| **107** | **D2** | Water | Composite | 6 Jan 2016 0134 | 7 Jan 2016 1030 |
| **108** | **D3** | Water | Composite | 6 Jan 2016 0300 | 7 Jan 2016 1030 |
| **110** | **D4** | Water | Composite | 6 Jan 2016 0316 | 7 Jan 2016 1030 |
| **111** | **D5** | Water | Composite | 6 Jan 2016 0235 | 7 Jan 2016 1030 |
| **112** | **D6** | Water | Composite | 6 Jan 2016 0204 | 7 Jan 2016 1030 |
| **114** | **D7** | Water | Composite | 6 Jan 2016 0250 | 7 Jan 2016 1030 |

**Table 2. Sample Collection and Receipt Times for January 31st, 2016 Storm**

| Drifter ID | Laboratory Sample ID | Matrix | Type | Sample Collection Date/Time | Sample Receipt Date/Time (SSC) |
|---|---|---|---|---|---|
| - | **Ambient Sample** | Water | Grab | 31 Jan 2016 0900 | 7 Jan 2016 1030 |
| **106** | **D1** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |
| **107** | **D2** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |
| **108** | **D3** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |
| **109** | **D4** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |
| **110** | **D5** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |
| **111** | **D6** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |
| **112** | **D7** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |
| **113** | **D8** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |
| **114** | **D9** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |
| **115** | **D10** | Water | Composite | 31 Jan 2016 | 1 Feb 2016 1230 |

*Chronic Toxicity Test Methods*

Testing was conducted in accordance with standard methods (USEPA 1995). The purple sea urchin embryo-larval development test was conducted on all samples listed in

Table 1 and Table 2. For all samples, two concentrations were tested; 10%, and the highest concentration attainable following addition of hypersaline brine to adjust for salinity (range 73-84% of initial sample). Two laboratory controls were tested concurrently and consisted of filtered natural seawater from north San Diego Bay (SSC Pacific SD Bay seawater) and a hypersaline brine control, previously derived from SD Bay seawater. A summary of the tests conditions is provided in Table 3.

**Table 3. Purple Sea Urchin Embryo-Larval Development Toxicity Test Specifications**

| | |
|---|---|
| Test periods | 1/7/2016-1/11/2016; 2/1/2016-2/5/2016 |
| Test endpoint | Embryo-Larval Development Success (Proportion Normal) |
| Test organism | *Strongylocentrotus purpuratus* (Purple Sea urchin) |
| Test organism source | Field Collected in San Diego |
| Test solution renewal | None |
| Feeding | None |
| Test chamber | 30-mL scintillation vial |
| Test solution volume | 10 mL |
| Test temperature | 15 ± 1°C |
| Control/ Dilution water | Natural seawater (Source: Scripps Institution of Oceanography intake) |
| Additional control | Hypersaline brine |
| Sample manipulation | Hypersaline brine was used to increase the salinity of all samples to 34 ± 2 ppt |
| Test concentrations (% of sample) | 72+ and 10 percent, plus lab and brine controls |
| Number of organisms/chamber | 250 embryos (from acceptable eggs and appropriate sperm density to provide > 90% fertilization success (determined in a pre-test trial) |
| Number of replicates | 4 |
| Photoperiod | 16 hours light/8 hours dark |
| Test Protocol | EPA 600/R-95/136, 1995 West Coast Manual (USEPA 1995) |
| Test acceptability criteria for controls | ≥ 80% normal development, < 25 % Minimum Significant Difference (MSD) |
| Reference toxicant | Copper sulfate: 0, 5.8, 8.4, 12, 17.2, 24, & 35 µg/L $CuSO_4$ |

**RESULTS**

Water quality parameters upon sample receipt at SSC Pacific are summarized in Table 4 and Table 5 and Appendix C.

**Table 4. Water Quality Parameters Measured Upon Receipt – January 5$^{th}$, 2016**

| Drifter ID | Laboratory Sample ID | Temp (°C) | Dissolved Oxygen (mg/L) | pH (units) | Salinity (ppt) |
|---|---|---|---|---|---|
| - | Ambient Sample | 10.4 | 7.0 | 7.52 | 3.32 |
| 106 | D1 | 10.5 | 7.2 | 8.11 | 28.7 |
| 107 | D2 | 9.7 | 7.2 | 7.28 | 29.5 |
| 108 | D3 | 9.9 | 7.0 | 7.84 | 25.8 |
| 110 | D4 | 9.9 | 6.7 | 7.42 | 23.5 |
| 111 | D5 | 9.3 | 6.6 | 7.85 | 29.5 |
| 112 | D6 | 9.6 | 6.4 | 7.63 | 29.3 |
| 114 | D7 | 9.5 | 7.0 | 7.07 | 23.0 |

**Table 5. Water Quality Parameters Measured Upon Receipt – January 31$^{st}$, 2016**

| Drifter ID | Laboratory Sample ID | Temp (°C) | Dissolved Oxygen (mg/L) | pH (units) | Salinity (ppt) |
|---|---|---|---|---|---|
| - | Ambient Sample | 7.3 | 7.3 | 7.67 | 24.7 |
| 106 | D1 | 7.4 | 6.2 | 7.54 | 23.5 |
| 107 | D2 | 8.4 | 7.7 | 7.56 | 21.3 |
| 108 | D3 | 7.8 | 7.8 | 7.77 | 21.6 |
| 109 | D4 | 7.8 | 6.6 | 7.40 | 18.6 |
| 110 | D5 | 9.3 | 7.6 | 7.73 | 24.4 |
| 111 | D6 | 10.2 | 7.8 | 7.62 | 19.8 |
| 112 | D7 | 11.4 | 8.1 | 7.72 | 25.4 |
| 113 | D8 | 11.5 | 8.2 | 7.50 | 25.5 |
| 114 | D9 | 11.8 | 8.1 | 7.75 | 20.5 |
| 115 | D10 | 11.8 | 8.2 | 7.75 | 27.1 |

Table 6 and Table 7 summarize the results from the sea urchin embryo-larval development test for the January 5th and January 31st exposures, respectively. Both rounds of testing had controls that met the minimum test acceptability criteria of 80 percent normal development. All water quality parameters measured were within the recommended ranged for the duration of the test. Complete statistical summaries and bench water quality sheets are provided in Appendix A.

**Table 6. Results Summary for Sea Urchin Embryo-Larval Development – January 5th, 2016**

| Test Concentration (%) | Sea Urchin Mean 96-hr Development (% normal) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ambient Sample | Drifter 106 | Drifter 107 | Drifter 108 | Drifter 110 | Drifter 111 | Drifter 112 | Drifter 114 |
| Lab Control | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| Brine Control | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| 10 | 83.5 | **49.0**[b] | 98.5 | 99.5 | 97.8 | 98.8 | 98.8 | 98.8 |
| 100* | **57.0**[a] | **20.0**[c] | **9.8**[c] | 89.5 | 77.3 | 93.5 | 90.5 | 71.5 |
| TST Results | Toxic | Toxic | Toxic | Not Toxic | Not Toxic | Not Toxic | Not Toxic | Toxic |

Values in **bold** indicate a statistically significant decrease compared to the brine control as determined with the student's one tailed t-test.
Level of statistical significance: a - <0.05, b - <0.01, c - ≤0.001.

*Indicates the highest concentration possible to test was <100% effluent, due to the addition of hypersaline brine; Actual values tested are as follows: Ambient (49.1%), 106 (84.8%), 107 (86.8%), 108 (78.3%), 110 (73.8%), 111 (86.8%), 112 (86.3%), 114 (72.9%)

**Table 7. Results Summary for Sea Urchin Embryo-Larval Development – January 31st, 2016**

| Test Concentration (%) | Sea Urchin Mean 96-hr Development (% normal) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ambient Sample | Drifter 106 | Drifter 107 | Drifter 108 | Drifter 109 | Drifter 110 | Drifter 111 | Drifter 112 | Drifter 113 | Drifter 114 | Drifter 115 |
| Lab Control | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| Brine Control | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 10 | 99.3 | **92.5**[a] | **68.3**[a] | 98.8 | 99.0 | 99.5 | 99.8 | 97.8 | 97.0 | 99.0 | 100.0 |
| 100* | 96.8 | **0.0**[c] | **2.8**[c] | **0.0**[c] | **59.3**[a] | **92.0**[a] | **90.5**[a] | **88.8**[a] | 97.3 | 96.5 | 94.8 |
| TST Results | Not Toxic | Toxic | Toxic | Toxic | Toxic | Not Toxic | Not Toxic | Toxic | Not Toxic | Not Toxic | Not Toxic |

Values in **bold** indicate a statistically significant decrease compared to the brine control as determined with the student's one tailed t-test.
Level of statistical significance: a - <0.05, b - <0.01, c - ≤0.001.

*Indicates the highest concentration possible to test was <100% effluent, due to the addition of hypersaline brine; Actual values tested are as follows: Ambient (83.1%), 106 (84.0%), 107 (78.2%), 108 (78.6%), 109 (74.8%), 110 (82.6%), 111 (76.3%), 112 (84.10%), 113 (84.3%), 114 (77.2%), 115 (87.0%)

All samples were statistically evaluated against the brine control for each respective testing date as hypersaline brine was added to all samples to increase the salinity to 34 ± 2ppt. Two statistical analyses were performed: 1) a one-tailed student's t-test assuming unequal variances, and 2) a Test for Significant Toxicity (TST). The TST statistical method only evaluates the highest concentration tested (critical concentration) against the brine control. TST methods examine whether the results of a given sample relative to its respective control differs by an a priori prescribed amount rather than whether they are the same, as in traditional hypothesis testing. For the sea urchin test, the a priori critical percent difference is set at 25%.

For the January 5th storm event, the composite sample from Drifter #106 showed a significant decrease from the brine control at both the 10% and the 84.8% concentrations (Table 6). The sample from Drifter #107 showed a significant decrease from the brine control at the highest concentration tested, 86.8% (Table 6). The ambient sample collected at the onset of the storm also showed a significant decrease from the brine control at the highest concentration tested, 49.1% (Table 6). All other samples during the January 5th storm showed no observable decreases from the brine control. Statistical analyses using the TST method found adverse effects of the samples from Drifter #106 and #107, as well as the sample from Drifter #114. No toxicity was observed in the remainder of the Drifter samples using the TST methodology.

For the January 31st storm event, using the students t-test, significant decreases from the brine control were observed for Drifters #106, 107, 108, 109, 110, 111 and 112 (Table 7). Drifter samples #113, 114 and 115 showed no observable adverse effects compared to the brine control. Statistical analyses using the TST found adverse effects relative to the brine control in Drifter samples #106, 107, 108, 109, and 112 (Table 7). No toxicity was observed in the remainder of the samples using the TST methodology. Interestingly, Drifter samples #110 and 111 found to be significantly decreased from the brine control using the student's t-test method were classified as Non-Toxic using the TST methodology. This is due to the *a priori* assigned percent difference from the control that will classify a sample as being toxic or not. In the case of samples #110 and 111, the differences from the brine control were 7.30 and 8.82 percent, respectively. The ambient sample collected at the onset of the storm did not show a significant decrease from the brine control at the highest concentration tested, 83.1% (Table 7).

**QA/QC**

Minor QA/QC deviations from EPA and internal protocols from tests were noted on raw data sheets. A thorough review of the data and test procedures did not identify any likely impacts on test results as a result of these deviations; therefore, all presented data were qualified as acceptable. Additionally, all test acceptability criteria were met, unless noted below. Reference toxicant test results are summarized in Table 8 and are available in full in Appendix B.

For the January 5th storm event, testing was initiated within 38 hours of sample collection, outside the EPA recommended 36 hour holding time, but stormwater testing within 48 hours of collection is generally considered

acceptable, considering transfer and logistical constraints. Additionally, temperatures of the samples were outside the EPA recommended range of 0-6°C upon receipt at the SSC Pacific Bioassay Laboratory. The deviations occurred primarily due to timing of sample delivery. The samples were being split for analytical and toxicological measurements and subsequently warmed up to a minor degree during the process and delayed the time of arrival to the Bioassay Laboratory.

For the January 31st storm event, testing was initiated within the EPA recommended 36 hour holding time. Temperatures of the samples upon receipt were outside the EPA recommended range of 0-6°C upon receipt at the SSC Pacific Bioassay Laboratory. However, the samples were in a state of cooling and the deviation was deemed acceptable and testing was conducted as planned.

Control test acceptability criteria were met for the sea urchin larval development tests (USEPA 1995; Table 2). Some minor deviations from test protocols were observed such as high salinity measurements (> 36 ppt) observed in water quality surrogate cups. However, a surrogate salinity vial (of the same size as the test vials) confirmed that salinities were within range of test (34 ± 2 ppt). Thus, these deviations did not have an impact on test validity. A glossary of the qualifier codes used on the test datasheets is provided in Appendix E.

### REFERENCE TOXICANT TESTING

Concurrent reference toxicant tests with copper sulfate were conducted during each round of testing to assess the health of the test organisms and technical quality assurance. Reference toxicant test results are summarized in Table 8 below and are available in full in Appendix B. The laboratory control associated with the reference toxicant test were slightly below test acceptability criteria of 80% normal development (76.8% normal development) during the first (1/6/2016) tests. However, all other laboratory controls for the same first round of testing met test acceptability criteria. Given this and that the dose response was appropriate, this reference toxicant test was deemed acceptable.

During the second round, the laboratory control associated with this test met test acceptability criteria. In both tests, the median effective concentration ($EC_{50}$) value was within two standard deviations of the internal historical mean (18.6 ± 9.5µg/L); indicating sensitivity to copper was consistent with that historically observed for this organism.

**Table 8. Reference Toxicant Test Results**

| Species & Endpoint | Test Date | NOEC (µg/L copper) | $LC_{50}$ or $EC_{50}$ (µg/L copper) |
|---|---|---|---|
| Sea Urchin Embryo-Larval Development | 1/6/2016 | 17.2 | 22.9 |
| Sea Urchin Embryo-Larval Development | 1/31/2016 | 12 | 19.58 |

### SUMMARY

Samples were collected from DrEx systems during two storm events on January 5th and January 31st, 2016. During the January 5th storm, two samples (#106 and 107) resulted in significant decreases in proportion normally developed embryos at the highest testable concentration using one sided student's t-tests. Similar results were found using TST methods, although an additional sample (#114) suggested toxicity. For the January 31st storm, seven samples (#106, 107, 108, 109, 110, 111, and 112) showed significant decreases in proportion of normally developed embryos at the highest testable concentration using one sided student's t-tests. The TST demonstrated only five samples being toxic (#106, 107, 108, 109, and 112).

### REFERENCES

USEPA, 1995. Short-term methods for estimating the chronic toxicity of effluents and receiving waters to west coast marine and estuarine organisms. EPA-600-R-95-136.

**Appendix A**

**Test Data and Statistical Summaries**

**January 5th, 2016**

**Storm Event**

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 5th Storm - Drifter #106 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 1/7/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 84.8 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.82 | 0.20 |
| Mean used in Calcuation (transformed) | 1.16 | 0.46 |
| Variance used in Calcuation (transformed) | 0.051 | 0.008 |
| Standard Deviation of Transformed Data | 0.225 | 0.087 |
| CV of Transformed Data | 0.194 | 0.189 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

75.46

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| -4.3063 | 4 | 2.1318 | |

**Results**

| | |
|---|---|
| Fail | Sample is Toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 79 | 100 | 24 |
| 100 | 94 | 100 | 12 |
| 100 | 95 | 100 | 27 |
| 100 | 58 | 100 | 17 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 5th Storm - Drifter #107 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 1/7/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 86.8 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.82 | 0.10 |
| Mean used in Calcuation (transformed) | 1.16 | 0.31 |
| Variance used in Calcuation (transformed) | 0.051 | 0.004 |
| Standard Deviation of Transformed Data | 0.225 | 0.062 |
| CV of Transformed Data | 0.194 | 0.198 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

88.04

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| -6.1654 | 3 | 2.3534 | |

**Results**

| | |
|---|---|
| Fail | Sample is Toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 79 | 100 | 9 |
| 100 | 94 | 100 | 15 |
| 100 | 95 | 100 | 6 |
| 100 | 58 | 100 | 9 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 5th Storm - Drifter #108 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 1/7/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 78.3 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.82 | 0.90 |
| Mean used in Calcuation (transformed) | 1.16 | 1.26 |
| Variance used in Calcuation (transformed) | 0.051 | 0.017 |
| Standard Deviation of Transformed Data | 0.225 | 0.129 |
| CV of Transformed Data | 0.194 | 0.103 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

-9.82

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 3.6651 | 5 | 2.0150 | |

**Results**

| | |
|---|---|
| Pass | Sample is Non-toxic |

**Raw Data**

| **Control Data** | | **Critical Concentration Data** | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 79 | 100 | 84 |
| 100 | 94 | 100 | 82 |
| 100 | 95 | 100 | 96 |
| 100 | 58 | 100 | 96 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 5th Storm - Drifter #110 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 1/7/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 73.8 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.82 | 0.77 |
| Mean used in Calcuation (transformed) | 1.16 | 1.08 |
| Variance used in Calcuation (transformed) | 0.051 | 0.006 |
| Standard Deviation of Transformed Data | 0.225 | 0.075 |
| CV of Transformed Data | 0.194 | 0.070 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

5.21

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 2.2570 | 4 | 2.1318 | |

**Results**

| | |
|---|---|
| Pass | Sample is Non-toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 79 | 100 | 78 |
| 100 | 94 | 100 | 85 |
| 100 | 95 | 100 | 76 |
| 100 | 58 | 100 | 70 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 5th Storm - Drifter #111 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 1/7/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 86.8 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.82 | 0.94 |
| Mean used in Calcuation (transformed) | 1.16 | 1.32 |
| Variance used in Calcuation (transformed) | 0.051 | 0.002 |
| Standard Deviation of Transformed Data | 0.225 | 0.043 |
| CV of Transformed Data | 0.194 | 0.033 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

-14.72

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 5.1400 | 3 | 2.3534 | |

**Results**

| | |
|---|---|
| Pass | Sample is Non-toxic |

**Raw Data**

| **Control Data** | | **Critical Concentration Data** | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 79 | 100 | 91 |
| 100 | 94 | 100 | 96 |
| 100 | 95 | 100 | 94 |
| 100 | 58 | 100 | 93 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 5th Storm - Drifter #112 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 1/7/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 86.3 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.82 | 0.91 |
| Mean used in Calcuation (transformed) | 1.16 | 1.27 |
| Variance used in Calcuation (transformed) | 0.051 | 0.009 |
| Standard Deviation of Transformed Data | 0.225 | 0.095 |
| CV of Transformed Data | 0.194 | 0.075 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

-11.04

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 4.1250 | 4 | 2.1318 | |

**Results**

Pass          Sample is Non-toxic

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 79 | 100 | 83 |
| 100 | 94 | 100 | 90 |
| 100 | 95 | 100 | 96 |
| 100 | 58 | 100 | 93 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 5th Storm - Drifter #114 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 1/7/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 72.91 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.82 | 0.72 |
| Mean used in Calcuation (transformed) | 1.16 | 1.02 |
| Variance used in Calcuation (transformed) | 0.051 | 0.021 |
| Standard Deviation of Transformed Data | 0.225 | 0.146 |
| CV of Transformed Data | 0.194 | 0.144 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

12.27

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 1.3234 | 5 | 2.0150 | |

**Results**

| | |
|---|---|
| Fail | Sample is Toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 79 | 100 | 58 |
| 100 | 94 | 100 | 86 |
| 100 | 95 | 100 | 78 |
| 100 | 58 | 100 | 64 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 5th Storm - Ambient Sample | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 1/7/2015 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 49.1 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.82 | 0.60 |
| Mean used in Calcuation (transformed) | 1.16 | 0.88 |
| Variance used in Calcuation (transformed) | 0.051 | 0.005 |
| Standard Deviation of Transformed Data | 0.225 | 0.070 |
| CV of Transformed Data | 0.194 | 0.080 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

26.99

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 0.1515 | 4 | 2.1318 | |

**Results**

| | |
|---|---|
| Fail | Sample is Toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 79 | 100 | 53 |
| 100 | 94 | 100 | 57 |
| 100 | 95 | 100 | 59 |
| 100 | 58 | 100 | 69 |

# Embryo Larval Bioassay

# 96-Hour Development

**Project:** Drifter Project - Storm #1

**Test Species:** *S. purpuratus*

**Sample ID:** Group 1

**Start Date:** 1/7/2016

**Test No.:**

**End Date:** 1/11/2016

| Random # | Number Counted | Number Normal | Technician Initials |
|---|---|---|---|
| 1 | 100 | 98 | MC |
| 2 | | 98 | MC |
| 3 | | 21 | MC |
| 4 | | 9 | MC |
| 5 | | 96 | MC |
| 6 | | 76 | MC |
| 7 | | 99 | MC |
| 8 | | 15 | MC |
| 9 | | 100 | MC |
| 10 | | 100 | MC |
| 11 | | 24 | MC |
| 12 | | 84 | MC |
| 13 | | 78 | MC |
| 14 | | 52 | MC |
| 15 | | 96 | MC |
| 16 | | 99 | MC |
| 17 | | 96 | MC |
| 18 | | 97 | MC |
| 19 | | 27 | MC |
| 20 | | 12 | MC |
| 21 | | 97 | MC |
| 22 | | 59 | MC |
| 23 | | 62 | MC |
| 24 | | 54 | MC |
| 25 | | 100 | MC |
| 26 | | 17 | MC |
| 27 | | 88 | MC |
| 28 | | 82 | MC |
| 29 | | 6 | MC |
| 30 | | 9 | MC |
| 31 | | 99 | MC |
| 32 | | 85 | MC |
| 33 | | 73 | MC |
| 34 | | 98 | MC |
| 35 | | 70 | MC |
| 36 | | 100 | MC |

**QC Check:** MC 1/25/2016

**Final Review:** 5/3/16 JM

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

# Embryo Larval Bioassay

# 96-Hour Development

**Project:** Drifter Project Storm #1

**Sample ID:** Group 2

**Test No.:**

**Test Species:** *S. purpuratus*

**Start Date:** 1/7/2016

**End Date:** 1/11/2016

| Random # | Number Counted | Number Normal | Technician Initials |
|----------|----------------|---------------|---------------------|
| 37 | 100 | 94 | MC |
| 38 | | 98 | MC |
| 39 | | 98 | MC |
| 40 | | 93 | MC |
| 41 | | 94 | MC |
| 42 | | 79 | MC |
| 43 | | 90 | MC |
| 44 | | 83 | MC |
| 45 | | 100 | MC |
| 46 | | 93 | MC |
| 48 | | 58 | MC |
| 49 | | 93 | MC |
| 50 | | 86 | MC |
| 52 | | 98 | MC |
| 54 | | 98 | MC |
| 55 | | 99 | MC |
| 57 | | 96 | MC |
| 59 | | 100 | MC |
| 60 | | 99 | MC |
| 62 | | 98 | MC |
| 63 | | 97 | MC |
| 64 | | 64 | MC |
| 65 | | 100 | MC |
| 66 | | 58 98 MC | MC |
| 67 | | 100 | MC |
| 69 | | 78 | MC |
| 71 | | 96 | MC |
| 72 | | 91 | MC |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**QC Check:** JM 6/3/16

**Final Review:** 6/6/2016 JM

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

# Embryo Larval Bioassay

# 96-Hour Development

**Project:** SERDP Recontamination - Storm #1    **Test Species:** *S. purpuratus*

**Sample ID:** Ambient Samples    **Start Date:** 1/7/2016

**Test No.:** ————    **End Date:** 1/11/2016

| Random # | Number Counted | Number Normal | Technician Initials |
|---|---|---|---|
| 93 | 100 | 94 | MC |
| 94 | — | — | — |
| 95 | 100 | 74 | MC |
| 96 | 100 | 69 | MC |
| 97 | 100 | 53 | MC |
| 98 | 100 | 90 | MC |
| 99 | — | — | — |
| 100 | 100 | 95 | MC |
| 101 | 100 | 93 | MC |
| 102 | 100 | 83 | MC |
| 103 | 100 | 94 | MC |
| 104 | 100 | 93 | MC |
| 105 | 100 | me 91   0 | MC |
| 106 | 100 | me 82   91 | MC |
| 107 | 100 | me 89   87 | MC |
| 108 | — | me 7   69 | — |
| 109 | 100 | 98 | MC |
| 110 | 100 | 47 | MC |
| 111 | 100 | 98 | MC |
| 112 | 100 | 35 | MC |
| 113 | — | — | — |
| 114 | 100 | 97 | MC |
| 115 | 100 | 77 | MC |
| 116 | 100 | 91 | MC |
| 117 | 100 | 97 | MC |
| 118 | 100 | 98 | MC |
| 119 | 100 | 96 | MC |
| 120 | 100 | 94 | MC |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**QC Check:** 6/3/16 JM      **Final Review:** 6/6/2016 JM

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

# Marine Chronic Bioassay

## Water Quality Measurements

**Project:** SERDP Recontamination

**Test Species:** *S. purpuratus*

**Sample ID:** Drifter Group 1

**Start Date/Time:** 1/7/2016  1545

**End Date/Time:** 1/11/2016  1515

**Test No.:**

| Sample ID | Salinity (ppt) | | | | | Temperature (°C) | | | | | Dissolved Oxygen (mg/L) | | | | | pH (pH units) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 |
| LC | 33.8 | 33.2 | 33.7 | 33.6 | 33.6 | 15.0 | 15.2 | 15.2 | 15.2 | 14.4 | 7.9 | 7.6 | 7.5 | 7.3 | 7.6 | 8.12 | 8.09 | 8.05 | 8.07 | 8.07 |
| Drifter 106 10.0 | 34.1 | 34.1 | 33.9 | 31.6 | 33.1 | 15.0 | 14.9 | 16.4 | 14.5 | 14.7 | 7.9 | 7.7 | 7.5 | 7.5 | 7.6 | 8.12 | 8.11 | 8.04 | 8.13 | 8.11 |
| Drifter 106 31.8 | 34.5 | 34.2 | 34.3 | 33.7 | 42.2 | 15.0 | 15.0 | 15.3 | 14.8 | 14.7 | 8.1 | 7.6 | 7.3 | 7.5 | 7.6 | 8.07 | 8.11 | 8.05 | 8.12 | 8.16 |
| Drifter 107 10.0 | 33.8 | 35.2 | 32.4 | 32.7 | 32.8 | 15.0 | 15.1 | 15.2 | 14.8 | 14.9 | 7.7 | 7.6 | 7.4 | 7.5 | 7.6 | 8.02 | 8.11 | 8.05 | 8.08 | 8.10 |
| Drifter 107 86.8 | 34.0 | 33.4 | 33.0 | 32.6 | 32.8 | 15.0 | 15.4 | 15.2 | 15.2 | 14.9 | 8.3 | 7.6 | 7.4 | 7.5 | 7.6 | 7.03 | 8.06 | 8.06 | 8.15 | 8.13 |
| Drifter 108 10.0 | 33.9 | 34.4 | 33.2 | 32.3 | 30.8 | 15.0 | 15.6 | 15.3 | 14.9 | 14.7 | 7.7 | 7.5 | 7.4 | 7.4 | 7.6 | 8.02 | 8.05 | 8.05 | 8.13 | 8.12 |
| Drifter 108 79.3 | 34.5 | 33.7 | 34.1 | 33.2 | 33.0 | 15.0 | 15.6 | 15.2 | 16.3 | 14.7 | 7.8 | 7.5 | 7.3 | 7.4 | 7.6 | 8.08 | 8.05 | 8.06 | 8.12 | 8.13 |
| Drifter 109 10.0 | 33.5 | 34.1 | 32.7 | 34.2 | 34.8 | 15.0 | 15.2 | 15.3 | 15.4 | 14.8 | 7.6 | 7.4 | 7.54 | 7.5 | 7.6 | 8.03 | 8.08 | 8.05 | 8.10 | 8.10 |
| Drifter 110 73.8 | 34.5 | 35.3 | 35.0 | 32.8 | 32.4 | 15.0 | 15.4 | 15.4 | 15.4 | 14.8 | 7.7 | 7.4 | 7.54 | 7.4 | 7.6 | 7.86 | 8.09 | 8.12 | 8.13 | 8.14 |

**Technician Initials:**

| | 0 | 24 | 48 | 72 | 96 |
|---|---|---|---|---|---|
| WQ Readings: | MC | PH | JM | JM | JM |
| Dilutions made by: | MC | | | | |

**Animal Source/Date Received:** _____ Field Collected 12/9/2015

**Comments:**

0 hrs: _____
24 hrs: _____
48 hrs: _____
72 hrs: _____

**QC Check:** [signature] 1/14/16

**Final Review:** 6/3/16 [signature]

# Marine Chronic Bioassay

# Water Quality Measurements

Project: SERDP Recontamination
Sample ID: Drifter Group 2
Test No.: _____

Test Species: *S. purpuratus*
Start Date/Time: 1/7/2016  1545
End Date/Time: 1/11/2016  1515

| Sample ID | Salinity (ppt) | | | | | Temperature (°C) | | | | | Dissolved Oxygen (mg/L) | | | | | pH (pH units) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 |
| BC | 34.3 | 34.1 | 33.7 | 32.3 | 33.7 | 15.0 | 15.2 | 15.1 | 14.9 | 14.6 | 7.5 | 7.6 | 7.47 | 7.4 | 7.6 | 8.06 | 8.11 | 8.11 | 8.06 | 8.10 |
| Drifter 111 10.0 | 34.0 | 33.8 | 32.9 | 33.3 | 32.9 | 15.0 | 15.1 | 15.1 | 14.9 | 15.2 | 7.6 | 7.3 | 7.38 | 7.4 | 7.6 | 8.08 | 8.03 | 8.10 | 8.07 | 8.04 |
| Drifter 111 86.8 | 34.0 | 34.7 | 33.4 | 34.8 | 34.9 | 15.0 | 15.4 | 15.3 | 14.8 | 14.9 | 7.7 | 7.3 | 7.49 | 7.4 | 7.6 | 8.01 | 8.05 | 8.05 | 8.14 | 8.10 |
| Drifter 112 10.0 | 33.7 | 34.0 | 32.8 | 32.8 | 34.1 | 15.0 | 15.5 | 15.2 | 14.6 | 15.1 | 7.6 | 7.4 | 7.34 | 7.4 | 7.6 | 8.04 | 8.06 | 8.09 | 8.12 | 8.10 |
| Drifter 112 86.3 | 34.5 | 34.8 | 39.3 | 34.0 | 34.0 | 15.0 | 15.6 | 15.1 | 14.6 | 14.8 | 7.8 | 7.4 | 7.32 | 7.5 | 7.5 | 7.97 mc | 8.08 | 8.05 | 8.11 | 8.14 |
| Drifter 114 10.0 | 33.7 | 34.1 | 33.3 | 32.7 | 32.8 | 15.0 | 15.4 | 15.2 | 14.6 | 15.1 | 7.7 | 7.3 | 7.3 | 7.4 | 7.5 | 8.02 | 8.03 | 8.03 | 8.13 | 8.11 |
| Drifter 114 72.9 | 34.6 | 35.0 | 34.3 | 34.2 | 33.6 | 15.0 | 15.4 | 15.2 | 14.5 | 14.9 | 7.8 | 7.3 | 7.4 | 7.4 | 7.5 | 7.55 | 8.07 | 8.06 | 8.14 | 8.13 |

Technician Initials:

| | 0 | 24 | 48 | 72 | 96 |
|---|---|---|---|---|---|
| WQ Readings: | mc | N/A | N/A | N/A | N/A |

Dilutions made by: mc

Animal Source/Date Received:  Field Collected 12/9/2015

Comments:
0 hrs: _____
24 hrs: _____
48 hrs: _____
72 hrs: _____

QC Check: _Mc_ 1/11/16

Final Review: _Jm_ 2/3/16

# Marine Chronic Bioassay

# Water Quality Measurements

Project: SERDP Recontamination

Test Species: *S. purpuratus*

Sample ID: Stormwater Cp 1

Start Date/Time: 1/7/2016  1545

Test No.:

End Date/Time: 1/11/2016  1515

| Sample ID (%) | Salinity (ppt) | | | | | Temperature (°C) | | | | | Dissolved Oxygen (mg/L) | | | | | pH (pH units) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 |
| LC2 | 33.5 | 33.3 | 34.2 | 34.0 | 33.6 | 15.0 | 15.7 | 14.9 | 15.4 | 14.8 | 7.8 | 7.8 | 7.8 | 7.4 | 7.8 | 8.08 | 7.88 | 8.01 | 8.08 | 8.11 |
| BC2 | 33.7 | 33.6 | 32.8 | 32.5 | 32.8 | 15.0 | 15.1 | 15.5 | 15.2 | 15.0 | 8.0 | 7.8 | 7.8 | 7.6 | 7.9 | 8.08 | 8.09 | 8.10 | 8.11 | 8.10 |
| A1w-C 10.0 | 33.9 | 33.7 | 33.3 | 32.5 | 32.3 | 15.0 | 15.4 | 15.1 | 15.5 | 15.2 | 7.6 | 7.5 | 7.8 | 7.5 | 7.7 | 8.10 | 8.07 | 8.07 | 8.10 | 8.05 |
| A1w-C 49.1 | 34.7 | 34.3 | 33.4 | 32.6 | 32.6 | 15.0 | 15.9 | 15.3 | 15.6 | 15.2 | 7.7 | 7.2 | 7.7 | 7.5 | 7.7 | 8.02 | 8.07 | 8.09 | 8.14 | 8.11 |
| A2w-C 10.0 | 33.8 | 33.7 | 33.7 | 32.3 | 32.2 | 15.0 | 15.6 | 15.2 | 15.4 | 15.1 | 7.7 | 7.4 | 7.9 | 7.6 | 7.7 | 8.08 | 8.06 | 8.05 | 8.10 | 8.11 |
| A2w-C 49.5 | 34.6 | 34.5 | 34.3 | 31.9 | 31.2 | 15.0 | 15.5 | 15.3 | 15.5 | 15.3 | 7.9 | 7.3 | 7.7 | 7.6 | 7.7 | 8.05 | 8.08 | 8.08 | 8.14 | 8.08 |
| A3w-C 10.0 | 33.9 | 33.9 | 33.7 | 33.8 | 32.3 | 15.0 | 15.7 | 15.2 | 15.5 | 15.1 | 7.8 | 7.2 | 7.6 | 7.7 | 7.8 | 8.08 | 8.09 | 8.07 | 8.08 | 8.12 |
| A3w-C 50.1 | 34.7 | 34.6 | 33.5 | 32.3 | 34.7 | 15.0 | 15.5 | 15.4 | 15.5 | 15.1 | 7.7 | 7.3 | 7.6 | 7.6 | 7.7 | 8.08 | 8.06 | 8.03 | 8.08 | 7.08 |
| C1w-C 10.0 | 33.8 | 33.6 | 34.1 | 31.3 | 33.5 | 15.0 | 15.6 | 15.2 | 14.7 | 14.2 | 7.6 | 7.5 | 7.7 | 7.6 | 7.7 | 8.08 | 8.06 | 8.03 | 8.05 | 8.08 |
| C1w-C 50.2 | 34.8 | 35.2 | 33.8 | 32.1 | 34.5 | 15.0 | 15.1 | 15.2 | 15.4 | 14.6 | 7.6 | 7.4 | 7.6 | 7.6 | 7.7 | 8.05 | 8.11 | 8.08 | 8.18 | 8.10 |

| Technician Initials: | 0 | 24 | 48 | 72 | 96 |
|---|---|---|---|---|---|
| WQ Readings: | WC | MK | JM | JM | JM |
| Dilutions made by: | WC | | | | |

Animal Source/Date Received:  Field Collected 12/9/2015

Comments:

0 hrs:

24 hrs:

48 hrs:

72 hrs:

QC Check: _____ 1/14/16

Final Review: JM 6/3/16

## Embryo-Larval Development Test – SPAWNING CHECKLIST & CALCULATIONS

Batch ID: _1209155 p_          Spawn/Test Date: _1/7/2016_
Analyst: _GR_                  Test Species: _S. purpulatus_

| Task | Time |
|---|---|
| Spawning Inducement Initiated | 1310 HR. |
| Spawning Begins | 1310 HR |
| Females/Males Isolated in Incubator | 1326 HR  3♂ combined) 3♀ sep. |
| Fertilization Initiated | 1326 HR. |
| Fertilzation Terminated/eggs rinsed | 1336 HR |
| Embryo Counts | 1430 HR |
| Embryo addition to vials | 1545 |

Embryo Counts:

Embryo Stock #1: _42_, _41_, _38_  Mean = _40.3_ / _20_ uL * 1000 uL/mL = _2017_ cells/mL
Embryo Stock #2: _47_, _45_, _42_  Mean = _45_ / _20_ uL * 1000 uL/mL = _2233_ cells/mL
Embryo Stock #3: _49_, _42_, _56_  Mean = _49_ / _20_ uL * 1000 uL/mL = _2450_ cells/mL

Adjust selected embryo stock to 2000 embryos/ml.  Confirm density:

Selected Stock : _____, _____, _____  Mean = _____ / _____ uL * 1000 uL/mL = _____ cells/mL

Add 100 µl of 2000 embryo/ml stock to obtain 20 embryos/ml in test vials.

Notes:
Add 100 µl of any of the 3 stocks. #1 looks best at 1430 HR.

Stock #1 used for innoculating.
100% division @ 2cell stage.

**Random Numbers**

# Drifter Toxicity Testing January 2016
## Echinoderm Development Tests
### Test Initiation Date: 1/5/2016
### Group 1

| sample | Rand# |
|---|---|
| Lab Control #1 | 14 |
| | 27 |
| | 33 |
| | 2 |
| D1 - 50%   106 | 3 |
| | 24 |
| | 23 |
| | 22 |
| D1 - 100%   106 | 11 |
| | 20 |
| | 19 |
| | 26 |
| D2 - 50%   107 | 7 |
| | 25 |
| | 21 |
| | 1 |
| D2 - 100%   107 | 4 |
| | 8 |
| | 29 |
| | 30 |
| D3 - 50%   108 | 10 |
| | 16 |
| | 36 |
| | 31 |
| D3 - 100%   108 | 12 |
| | 28 |
| | 15 |
| | 17 |
| D4 - 50%   110 | 5 |
| | 18 |
| | 9 |
| | 34 |
| D4 - 100%   110 | 13 |
| | 32 |
| | 6 |
| | 35 |

QC Check - Echino: _____   QC Check - Bivalve: _____

# Drifter Toxicity Testing January 2016
## Echinoderm Development Tests
### Test Initiation Date: 1/5/2016
### Group 2

| sample | Rand# |
|---|---|
| Brine MM<br>Lab Control #2  I | 42<br>41<br>46<br>66 |
| D5 - 50% 10 mc<br>III | 60<br>62<br>38<br>67 |
| D5 - 100%<br>III | 72<br>71<br>37<br>40 |
| D6 - 50% 10 mc<br>II 2 | 54<br>45<br>65<br>63 |
| D6 - 100%<br>II 2 | 44<br>43<br>57<br>49 |
| D7 - 50% 10 mc<br>II 4 | 39<br>52<br>59<br>55 |
| D7 - 100%<br>II 4 | 48<br>50<br>69<br>64 |
| D8 - 50% | 61<br>51<br>70<br>53 |
| D8 - 100% | 58<br>56<br>47<br>68 |

MM

QC Check - Echino: MM            QC Check - Bivalve: _____ ul

# Drifter Toxicity Testing January 2016
## Echinoderm Development Tests
### Test Initiation Date: 1/5/2016
### Ambient Samples

| sample | Rand# |
|---|---|
| Lab Control #4 | 99 94 113 105 |
| AS1 - 50% | 115 107 98 112 |
| AS1 - 100% | 97 110 108 96 |
| AS2 - 50% | 111 106 119 114 |
| AS2 - 100% | 95 101 116 120 |
| AS3 - 50% | 102 103 118 109 |
| AS3 - 100% | 100 104 117 93 |

QC Check - Echino: _____    QC Check - Bivalve: _____

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

**Brine Worksheets**

# Marine Chronic Bioassay

# Brine Dilution Worksheet

**Project:** ESTCP Drifter - Storm Monitoring #1

**Analyst:** MC

**Test Type:** Sp-dev

**Test Date:** 1/7/2016

**Date of Brine used:** 12/10/2015

Salinity of Brine _____ 63.6 _____
Target Salinity _____ 34 _____
Test Dilution Volume _____ 100 _____

Salinity Adjustment Factor:
(TS - SE)/(SB - TS) =

TS = target salinity
SE = salinity of effluent
SB = salinity of brine

| Sample ID | Salinity of Effluent | Concentration (%) | Salinity Adjustment Factor | Effluent Volume (ml) | Brine Volume (ml) | Dilute to: (ml) |
|---|---|---|---|---|---|---|
| - | - | Lab Control | - | - | - | 100 |
| drifter 106 | 28.7 | 10.0 | 0.18 | 10.0 | 1.8 | 100 |
| | 28.7 | 84.8 | 0.18 | 84.8 | 15.2 | 100 |
| drifter 107 | 29.5 | 10.0 | 0.15 | 10.0 | 1.5 | 100 |
| | 29.5 | 86.8 | 0.15 | 86.8 | 13.2 | 100 |
| drifter 108 | 25.8 | 10.0 | 0.28 | 10.0 | 2.8 | 100 |
| | 25.8 | 78.3 | 0.28 | 78.3 | 21.7 | 100 |
| drifter 110 | 23.5 | 10.0 | 0.35 | 10.0 | 3.5 | 100 |
| | 23.5 | 73.8 | 0.35 | 73.8 | 26.2 | 100 |
| drifter 111 | 29.5 | 10.0 | 0.15 | 10.0 | 1.5 | 100 |
| | 29.5 | 86.8 | 0.15 | 86.8 | 13.2 | 100 |
| drifter 112 | 29.3 | 10.0 | 0.16 | 10.0 | 1.6 | 100 |
| | 29.3 | 86.3 | 0.16 | 86.3 | 13.7 | 100 |
| drifter 114 | 23.0 | 10.0 | 0.37 | 10.0 | 3.7 | 100 |
| | 23.0 | 72.9 | 0.37 | 72.9 | 27.1 | 100 |

| | | | DI Volume | | | |
|---|---|---|---|---|---|---|
| Brine Control | 23.6 | | 1.15 | 27.1 | 200 | |

Total Brine Volume Required (ml): 173.8

QC Check: _JM_ 6/3/16

Final Review: 6/8/2016 JM

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

**January 31st, 2016**

**Storm Event**

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Drifter #106 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 84.00 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.00 |
| Mean used in Calcuation (transformed) | 1.49 | 0.05 |
| Variance used in Calcuation (transformed) | 0.002 | 0.000 |
| Standard Deviation of Transformed Data | 0.044 | 0.000 |
| CV of Transformed Data | 0.030 | 0.000 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

100.00

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| -63.9040 | 3 | 2.3534 | |

**Results**

| | |
|---|---|
| Fail | Sample is Toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 0 |
| 100 | 100 | 100 | 0 |
| 100 | 99 | 100 | 0 |
| 100 | 100 | 100 | 0 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Drifter #107 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 78.20 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.03 |
| Mean used in Calcuation (transformed) | 1.49 | 0.12 |
| Variance used in Calcuation (transformed) | 0.002 | 0.021 |
| Standard Deviation of Transformed Data | 0.044 | 0.144 |
| CV of Transformed Data | 0.030 | 1.180 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

97.23

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| -13.4205 | 3 | 2.3534 | |

**Results**

| | |
|---|---|
| Fail | Sample is Toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 11 |
| 100 | 100 | 100 | 0 |
| 100 | 99 | 100 | 0 |
| 100 | 100 | 100 | 0 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Drifter #108 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 78.60 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.00 |
| Mean used in Calcuation (transformed) | 1.49 | 0.05 |
| Variance used in Calcuation (transformed) | 0.002 | 0.000 |
| Standard Deviation of Transformed Data | 0.044 | 0.000 |
| CV of Transformed Data | 0.030 | 0.000 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

100.00

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| -63.9040 | 3 | 2.3534 | |

**Results**

| | |
|---|---|
| Fail | Sample is Toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 0 |
| 100 | 100 | 100 | 0 |
| 100 | 99 | 100 | 0 |
| 100 | 100 | 100 | 0 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Drifter #109 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 84.30 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.59 |
| Mean used in Calcuation (transformed) | 1.49 | 0.88 |
| Variance used in Calcuation (transformed) | 0.002 | 0.005 |
| Standard Deviation of Transformed Data | 0.044 | 0.071 |
| CV of Transformed Data | 0.030 | 0.081 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

40.30

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| -6.0021 | 4 | 2.1318 | |

**Results**

| | |
|---|---|
| Fail | Sample is Toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 68 |
| 100 | 100 | 100 | 56 |
| 100 | 99 | 100 | 52 |
| 100 | 100 | 100 | 61 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Drifter #110 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 74.80 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.92 |
| Mean used in Calcuation (transformed) | 1.49 | 1.30 |
| Variance used in Calcuation (transformed) | 0.002 | 0.011 |
| Standard Deviation of Transformed Data | 0.044 | 0.107 |
| CV of Transformed Data | 0.030 | 0.082 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

7.30

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 3.2791 | 3 | 2.3534 | |

**Results**

| | |
|---|---|
| Pass | Sample is Non-toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 97 |
| 100 | 100 | 100 | 94 |
| 100 | 99 | 100 | 83 |
| 100 | 100 | 100 | 94 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Drifter #111 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 82.60 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.91 |
| Mean used in Calcuation (transformed) | 1.49 | 1.26 |
| Variance used in Calcuation (transformed) | 0.002 | 0.005 |
| Standard Deviation of Transformed Data | 0.044 | 0.070 |
| CV of Transformed Data | 0.030 | 0.056 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

8.82

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 3.8322 | 4 | 2.1318 | |

**Results**

| | |
|---|---|
| Pass | Sample is Non-toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 87 |
| 100 | 100 | 100 | 87 |
| 100 | 99 | 100 | 94 |
| 100 | 100 | 100 | 94 |

# TST Summary Sheet

| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
|---|---|---|---|
| **Test ID** | January 31st Storm - Drifter #112 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 76.30 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.89 |
| Mean used in Calcuation (transformed) | 1.49 | 1.24 |
| Variance used in Calcuation (transformed) | 0.002 | 0.014 |
| Standard Deviation of Transformed Data | 0.044 | 0.117 |
| CV of Transformed Data | 0.030 | 0.094 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

10.58

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 2.0990 | 3 | 2.3534 | |

**Results**

| Fail | Sample is Toxic |
|---|---|

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 93 |
| 100 | 100 | 100 | 86 |
| 100 | 99 | 100 | 96 |
| 100 | 100 | 100 | 80 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Drifter #113 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 77.2 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.97 |
| Mean used in Calcuation (transformed) | 1.49 | 1.41 |
| Variance used in Calcuation (transformed) | 0.002 | 0.006 |
| Standard Deviation of Transformed Data | 0.044 | 0.075 |
| CV of Transformed Data | 0.030 | 0.053 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

2.02

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 7.3629 | 4 | 2.1318 | |

**Results**

| | |
|---|---|
| Pass | Sample is Non-toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 97 |
| 100 | 100 | 100 | 95 |
| 100 | 99 | 100 | 100 |
| 100 | 100 | 100 | 97 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Drifter #114 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 84.10 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.97 |
| Mean used in Calcuation (transformed) | 1.49 | 1.40 |
| Variance used in Calcuation (transformed) | 0.002 | 0.012 |
| Standard Deviation of Transformed Data | 0.044 | 0.108 |
| CV of Transformed Data | 0.030 | 0.077 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

2.77

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 5.1551 | 3 | 2.3534 | |

**Results**

| | |
|---|---|
| Pass | Sample is Non-toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 99 |
| 100 | 100 | 100 | 94 |
| 100 | 99 | 100 | 93 |
| 100 | 100 | 100 | 100 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Drifter #115 | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 86.9 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.95 |
| Mean used in Calcuation (transformed) | 1.49 | 1.36 |
| Variance used in Calcuation (transformed) | 0.002 | 0.015 |
| Standard Deviation of Transformed Data | 0.044 | 0.122 |
| CV of Transformed Data | 0.030 | 0.090 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

4.53

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 3.9330 | 3 | 2.3534 | |

**Results**

| | |
|---|---|
| Pass | Sample is Non-toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 86 |
| 100 | 100 | 100 | 99 |
| 100 | 99 | 100 | 97 |
| 100 | 100 | 100 | 97 |

# TST Summary Sheet

| | | | |
|---|---|---|---|
| **Lab Name** | SSC - Pacific | **Client Name** | DRIFTER EX Pilot Study |
| **Test ID** | January 31st Storm - Ambient Sample | **Test Species** | *S. purpuratus (echinoderm)* |
| **Test Date** | 2/2/2016 | **Test Type** | Chronic |
| **Test Duration** | 4 day | **Endpoint** | Larval Development |
| **Critical Conc.** | 83.1 | | |

| Statistic | Control | Critical Concentration |
|---|---|---|
| Percent Mean of Raw Data | 0.99 | 0.97 |
| Mean used in Calcuation (transformed) | 1.49 | 1.40 |
| Variance used in Calcuation (transformed) | 0.002 | 0.008 |
| Standard Deviation of Transformed Data | 0.044 | 0.090 |
| CV of Transformed Data | 0.030 | 0.064 |
| n | 4 | 4 |

**Mean % Effect at Critical Conc.**

2.52

| Calculated t-value | Degrees of Freedom | Table t-value | Percent Difference |
|---|---|---|---|
| 6.0668 | 3 | 2.3534 | |

**Results**

| | |
|---|---|
| Pass | Sample is Non-toxic |

**Raw Data**

| Control Data | | Critical Concentration Data | |
|---|---|---|---|
| No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) | No. of Organisms Exposed or Counted | Response (Final Count, Weight, Length, etc.) |
| 100 | 98 | 100 | 95 |
| 100 | 100 | 100 | 100 |
| 100 | 99 | 100 | 94 |
| 100 | 100 | 100 | 98 |

# Embryo Larval Bioassay

# 96-Hour Development

**Project:** Drifter Toxicity

**Test Species:** *S. purpuratus*

**Sample ID:** Drifter Grp. 1

**Start Date:** 2/1/2016

**Test No.:**

**End Date:** 2/5/2016

| Random # | Number Counted | Number Normal | Technician Initials |
|---|---|---|---|
| 1 | 100 | 75 | NTH |
| 2 | 100 | 100 | NTH |
| 3 | 100 | 92 | NTH |
| 4 | 100 | 11 | NTH |
| 5 | 100 | 99 | NTH |
| 6 | 100 | 83 | NTH |
| 7 | 100 | 82 | NTH |
| 8 | 100 | 0 | NTH |
| 9 | 100 | 99 | NTH |
| 10 | 100 | 100 | NTH |
| 11 | 100 | 0 | NTH |
| 12 | 100 | 0 | NTH |
| 13 | 100 | 97 | NTH |
| 14 | 100 | 99 | NTH |
| 15 | 100 | 0 | NTH |
| 16 | 100 | 98 | NTH |
| 17 | 100 | 0 | NTH |
| 18 | 100 | 100 | NTH |
| 19 | 100 | 0 | NTH |
| 20 | 100 | 0 | NTH |
| 21 | 100 | 62 67 NH | NTH |
| 22 | 100 | 85 | NTH |
| 23 | 100 | 98 | NTH |
| 24 | 100 | 95 | NTH |
| 25 | 100 | 49 | NTH |
| 26 | 100 | 0 | NTH |
| 27 | 100 | 83 | NTH |
| 28 | 100 | 0 | NTH |
| 29 | 100 | 0 | NTH |
| 30 | 100 | 0 | NTH |
| 31 | 100 | 100 | NTH |
| 32 | 100 | 94 | NTH |
| 33 | 100 | 100 | NTH |
| 34 | 100 | 100 | NTH |
| 35 | 100 | 94 | NTH |
| 36 | 100 | 97 | NTH |

**QC Check:** JM 2/10/16

**Final Review:** NH 7 2/10/16

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

# Embryo Larval Bioassay

## 96-Hour Development

**Project:** Drifter Tox

**Sample ID:** Drifter Grp. #2

**Test No.:** —

**Test Species:** S. purpuratus

**Start Date:** 2/1/16

**End Date:** 2/5/16

| Random # | Number Counted | Number Normal | Technician Initials |
|---|---|---|---|
| 37 | 100 | 94 | NTH |
| 38 | 100 | 100 | NTH |
| 39 | 100 | 97 | NTH |
| 40 | 100 | 94 | NTH |
| 41 | 100 | 100 | NTH |
| 42 | 100 | 98 | NTH |
| 43 | 100 | 86 | NTH |
| 44 | 100 | 93 | NTH |
| 45 | 100 | 100 | NTH |
| 46 | 100 | 99 | NTH |
| 47 | 100 | 52 | NTH |
| 48 | 100 | 99 | NTH |
| 49 | 100 | 80 | NTH |
| 50 | 100 | 94 | NTH |
| 51 | 100 | 99 | NTH |
| 52 | 100 | 100 | NTH |
| 53 | 100 | 98 | NTH |
| 54 | 100 | 99 | NTH |
| 55 | 100 | 99 | NTH |
| 56 | 100 | 56 | NTH |
| 57 | 100 | 96 | NTH |
| 58 | 100 | 68 | NTH |
| 59 | 100 | 100 | NTH |
| 60 | 100 | 100 | NTH |
| 61 | 100 | 100 | NTH |
| 62 | 100 | 99 | NTH |
| 63 | 100 | 96 | NTH |
| 64 | 100 | 100 | NTH |
| 65 | 100 | 96 | NTH |
| 66 | 100 | 100 | NTH |
| 67 | 100 | 100 | NTH |
| 68 | 100 | 61 | NTH |
| 69 | 100 | 93 | NTH |
| 70 | 100 | 99 | NTH |
| 71 | 100 | 87 | NTH |
| 72 | 100 | 87 | NTH |

**QC Check:** JM 2/10/16

**Final Review:** NTH 2/10/16

# Embryo Larval Bioassay

# 96-Hour Development

**Project:** Drifter / SERDP NTH

**Sample ID:** Drifter tox grp3 / Stormwater gp NTH

**Test No.:**

**Test Species:** *S. purpuratus*

**Start Date:** 2/1/2016

**End Date:** 2/5/2016

| Random # | Number Counted | Number Normal | Technician Initials |
|----------|----------------|---------------|---------------------|
| 73 | 100 | 100 | NH |
| 74 | 100 | 95 | NH |
| 75 | 100 | 97 | NH |
| 76 | 100 | 100 | NH |
| 77 | 100 | 100 | NH |
| 78 | — | — | |
| 79 | 100 | 100 | NH |
| 80 | 100 | 94 | NH |
| 81 | 100 | 86 | NH |
| 82 | 100 | 99 | NH |
| 83 | — | — | |
| 84 | 100 | 99 | NH |
| 85 | — | | |
| 86 | 100 | 100 | NH |
| 87 | — | — | |
| 88 | 100 | 100 | NH |
| 89 | 100 | 97 | NH |
| 90 | 100 | 97 | NH |
| 91 | 100 | 97 | NH |
| 92 | 100 | 95 | NH |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**QC Check:** Jn 2/10/16

**Final Review:** NH 2/10/16

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

# Embryo Larval Bioassay                    96-Hour Development

**Project:** SERDP

**Sample ID:** Stormwater -AMB

**Test No.:** —

**Test Species:** *S. purpuratus*

**Start Date:** 2/1/2016

**End Date:** 2/5/2016

| Random # | Number Counted | Number Normal | Technician Initials |
|----------|----------------|---------------|---------------------|
| 93 | 100 | 100 | NHa |
| 94 | 100 | 96 | NHa |
| 95 | 100 | 98 | NHa |
| 96 | 100 | 98 | NHa |
| 97 | 100 | 95 | NHa |
| 98 | 100 | 98 | NHa |
| 99 | 100 | 100 | NHa |
| 100 | 100 | 100 | NHa |
| NH 102 101 | 100 | 95 | NHa |
| NH 103 102 | 100 | 100 | NHa |
| 103 | 100 | 100 | NHa |
| 104 | 100 | 99 | NHa |
| 105 | 100 | 99 | NHa |
| 106 | 100 | 98 | NHa |
| 107 | 100 | 100 | NHa |
| 108 | 100 | 94 | NHa |
| 109 | 100 | 96 | NHa |
| 110 | 100 | 100 | NHa |
| 111 | 74 | 74 | NHa |
| 112 | 100 | 100 | NHa |
| 113 | 100 | 98 | NHa |
| 114 | 100 | 99 | NHa |
| 115 | 100 | 99 | NHa |
| 116 | 100 | 91 | NHa |
| 117 | 100 | 100 | NHa |
| 118 | 100 | 100 | NHa |
| 119 | 100 | 99 | NHa |
| 120 | 100 | 89 | NHa |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**QC Check:** DM 2/10/16          **Final Review:** NHa 2/10/16

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

# Marine Chronic Bioassay

## Water Quality Measurements

Project: Doffler Project Spawn #2
Sample ID: Doffler Project GRP 1
Test No.: —

Test Species: *S. purpuratus*
Start Date/Time: 2/2/2016  15:20
End Date/Time: 2/6/2016  15:10

| Sample ID | Salinity (ppt) | | | | | Temperature (°C) | | | | | Dissolved Oxygen (mg/L) | | | | | pH (pH units) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 |
| LC | 35.5 | 33.5 | 33.1 | 33.9 | 33.2 | 15.0 | 15.0 | 14.5 | 14.7 | 15.2 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 7.90 | 7.84 | 7.80 | 7.89 | 7.94 |
| BC | 35.7 | 33.3 | 34.2 | 34.5 | 34.4 | 15.0 | 14.5 | 15.2 | 14.8 | 14.3 | 8.1 | 8.0 | 7.1 | 8.2 | 7.6 | 7.92 | 7.63 | 7.75 | 8.07 | 7.75 |
| D10a-10/ | 35.8 | 34.2 | 34.2 | 35.3 | 35.5 | 15.0 | 14.8 | 15.2 | 14.5 | 14.3 | 8.3 | 8.0 | 7.1 | 8.3 | 8.0 | 7.90 | 7.76 | 7.75 | 7.9 | 8.04 |
| D10b 100/ | 34.0 | 34.2 | 35.2 | 36.2 | 38.5 | 15.0 | 14.6 | 14.5 | 14.5 | 14.3 | 8.6 | 8.2 | 7.3 | 8.2 | 8.1 | 7.84 | 7.86 | 7.85 | 7.99 | 8.03 |
| D10 - 10/ | 33.7 | 34.0 | 35.3 | 36.2 | 36.5 | 15.0 | 15.1 | 15.0 | 14.5 | 14.5 | 8.5 | 8.0 | 9.0 | 8.1 | 7.5 | 7.87 | 7.80 | 7.80 | 7.89 | 8.02 |
| D107-100/ | 34.3 | 34.4 | 34.7 | 35.0 | 36.1 | 15.0 | 15.5 | 15.0 | 14.5 | 14.6 | 8.7 | 8.0 | 8.0 | 8.2 | 7.6 | 7.85 | 7.16 | 7.91 | 7.99 | 8.01 |
| D107-10% | 33.3 | 33.6 | 34.0 | 33.8 | 33.8 | 15.0 | 15.3 | 15.0 | 14.5 | 14.6 | 8.4 | 8.0 | 8.1 | 8.1 | 7.8 | 7.87 | 7.82 | 7.96 | 7.96 | 8.02 |
| D108 - 100/ | 34.5 | 34.5 | 35.2 | 35.3 | 35.9 | 15.0 | 15.0 | 15.0 | 14.5 | 14.6 | 8.0 | 8.1 | 8.0 | 8.0 | 7.9 | 7.83 | 7.84 | 7.87 | 7.98 | 7.96 |
| D10 - 10/ | 33.7 | 33.9 | 34.2 | 35.2 | 35.6 | 15.0 | 15.6 | 15.0 | 14.5 | 14.6 | 8.3 | 8.1 | 7.9 | 7.8 | 8.0 | 7.89 | 7.81 | 7.95 | 7.99 | 7.77 |

| | 0 | 24 | 48 | 72 | 96 |
|---|---|---|---|---|---|
| Technician Initials: | | | | | |
| WQ Readings: | MC | MH | MH | JM | JM |
| Dilutions made by: | MC | | | | |

Animal Source/Date Received: _____   Field Collected 1/28/2016

Comments:

0 hrs:

24 hrs: Ⓐ - QS - salinity high from surrogate cup

48 hrs: Ⓐ - QS - salinity high from surrogate cup, salinity from QC vial is 33.8

72 hrs: Ⓐ - QS - salinity high, from surrogate cup

QC Check: MH  9/ 2/9/16
          MH

Final Review: MH  2/10/16

# Marine Chronic Bioassay

## Water Quality Measurements

Project: Drifter Project - Storm #2
Sample ID: Drifter Grp. #2 NH

Test Species: *S. purpuratus*
Start Date/Time: 2/2/16  15:20
End Date/Time: 2/6/16  JAM 6:10

| Sample ID | Salinity (ppt) | | | | | Temperature (°C) | | | | | Dissolved Oxygen (mg/L) | | | | | pH (pH units) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 |
| D109-100% | 34.5 | 34.7 | 35.2 | 34.0 | 34.5 | 15.0 | 15.8 | 15.0 | 15.0 | 14.7 | 7.9 | 7.9 | 7.9 | 7.7 | 7.6 | 7.79 | 7.80 | 7.96 | 8.01 | 8.02 |
| D10 - 10% | 33.8 | 33.8 | 33.1 | 33.1 | 33.7 | 15.0 | 15.9 | 15.0 | 15.0 | 14.7 | 8.3 | 7.9 | 7.5 | 8.1 | 8.1 | 7.90 | 7.83 | 7.95 | 8.11 | 8.00 |
| D10 - 100% | 34.2 | 34.5 | 36.8 | 34.5 | 34.0 | 15.0 | 15.9 | 15.0 | 15.0 | 14.7 | 8.4 | 7.9 | 7.8 | 8.0 | 7.9 | 7.86 | 7.85 | 7.96 | 7.88 | 7.96 |
| D11 - 10% | 33.7 | 34.2 | 34.8 | 34.8 | 34.8 | 15.0 | 15.9 | 15.0 | 15.0 | 14.7 | 8.2 | 8.0 | 7.9 | 8.1 | 7.6 | 7.87 | 7.87 | 7.88 | 7.87 | 7.83 |
| D11 - 100% | 34.7 | 34.8 | 35.6 | 34.9 | 35.0 | 15.0 | 15.9 | 15.0 | 15.0 | 14.7 | 8.5 | 8.0 | 7.9 | 7.9 | 7.5 | 7.84 | 7.87 | 7.95 | 7.95 | 7.88 |
| D12 - 10% | 33.9 | 34.6 | 35.0 | 34.5 | 34.7 | 15.0 | 15.9 | 15.0 | 15.0 | 14.7 | 8.3 | 8.1 | 7.9 | 8.0 | 7.8 | 7.90 | 7.89 | 7.99 | 7.96 | 8.02 |
| D12 - 100% | 34.7 | 35.1 | 36.9 | 36.4 | 36.8 | 15.0 | 15.9 | 15.0 | 15.0 | 14.7 | 8.5 | 8.1 | 8.0 | 7.8 | 7.7 | 7.87 | 7.79 | 7.95 | 8.01 | 8.01 |
| D13 - 10% | 33.8 | 33.9 | 36.9 | 36.5 | 34.3 | 15.0 | 15.9 | 15.0 | 15.0 | 14.7 | 8.1 | 8.0 | 8.1 | 8.1 | 7.5 | 7.91 | 7.87 | 7.99 | 8.08 | 7.96 |
| D13 - 100% | 34.7 | 35.5 | 34.3 | 34.4 | 34.6 | 15.0 | 15.9 | 15.0 | 15.0 | 14.7 | 8.6 | 8.0 | 8.0 | 8.0 | 8.0 | 7.78 | 7.83 | 7.99 | 8.00 | 8.03 |

| | 0 | 24 | 48 | 72 | 96 |
|---|---|---|---|---|---|
| Technician Initials: | | | | | |
| WQ Readings: | MC | NH | NH | JM | JM |
| Dilutions made by: | MC | | | | |

Animal Source/Date Received: _field collected 1/26/16_

Comments:
0 hrs:
24 hrs: (A) = QS used  surrogate
48 hrs: (A) = QS used  used plastic/glass cups for WQ
72 hrs: (A) = QS used  used plastic cups for WQ

QC Check: NH  2/9/2016

Final Review: [signature] 2/10/2016 MM

# Marine Chronic Bioassay

# Water Quality Measurements

Project: Drifter Project - Storm #2
Sample ID: Drifter Grp. 3
Test No.: _____

Test Species: *S. purpuratus*
Start Date/Time: 2/2/16 ~~1520~~ 1520 PM
End Date/Time: 2/6/16 1510

| Sample ID | Salinity (ppt) | | | | | Temperature (°C) | | | | | Dissolved Oxygen (mg/L) | | | | | pH (pH units) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 |
| DI14 - 10% | 33.7 | 34.1 | 33.5 | 34.3 | 34.5 | 15.0 | 14.1 | 14.0 | 15.0 | 14.9 | 8.3 | 8.0 | 7.8 | 8.2 | 7.5 | 7.87 | 7.81 | 7.89 | 8.02 | 8.03 |
| DI14 - 100% | 34.5 | 35.1 | 36.0 | 35.9 | 34.7 | 15.0 | 14.1 | 14.0 | 15.1 | 14.9 | 8.5 | 8.0 | 7.9 | 8.2 | 7.8 | 7.83 | 7.86 | 8.02 | 8.03 | 8.00 |
| DI15 - 10% | 33.8 | 34.1 | 35.0 | 35.0 | 35.2 | 15.0 | 14.2 | 14.0 | 15.1 | 14.8 | 8.4 | 8.1 | 8.1 | 8.1 | 8.0 | 7.89 | 7.81 | 7.96 | 8.00 | 8.02 |
| DI15 - 100% | 34.6 | 35.2 | 36.7 | 37.0 | 36.9 | 15.0 | 14.5 | 14.0 | 15.1 | 14.8 | 8.7 | 8.0 | 7.9 | 8.2 | 7.7 | 7.87 | 7.89 | 7.98 | 8.01 | 7.99 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

Technician Initials:

| | 0 | 24 | 48 | 72 | 96 |
|---|---|---|---|---|---|
| WQ Readings: | WC | NH | NH | PM | JM |
| Dilutions made by: | WC | NH | NH | PM | JM |

Animal Source/Date Received: Kalika field collected

Comments:

0 hrs:

24 hrs: (A) DI sunages...

48 hrs: 85 - WQ taken in separate cups, not test vials

72 hrs: 85 - WQ taken in separate cups

QC Check: NH 2/9/16

Final Review: NH 2/10/16

# Marine Chronic Bioassay

## Water Quality Measurements

Project: SEDIP Recontamination - StormH₂O #2

Sample ID: Stormwater

Test No.: ―

Test Species: *S. purpuratus*

Start Date/Time: 2/2/16 1520

End Date/Time: 2/6/16 1510

| Sample ID | Salinity (ppt) | | | | | Temperature (°C) | | | | | Dissolved Oxygen (mg/L) | | | | | pH (pH units) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 |
| LC | 33.7 | 33.7 | 33.5 | 33.9 | 34.1 | 15.0 | 14.1 | 14.1 | 14.7 | 14.3 | 8.2 | 8.0 | 7.9 | 8.0 | 7.7 | 7.90 | 7.83 | 7.94 | 7.89 | 7.94 |
| BC | 33.9 | 34.0 | 34.0 | 33.9 | 33.7 | 15.0 | 14.0 | 14.1 | 15.2 | 14.1 | 8.1 | 8.0 | 7.9 | 8.1 | 8.0 | 7.91 | 7.87 | 8.00 | 7.87 | 7.89 |
| A1 - 10/ | 33.7 | 34.1 | 33.6 | 34.1 | 34.1 | 15.0 | 14.3 | 14.8 | 14.7 | 14.3 | 8.2 | 8.3 | 8.0 | 8.0 | 7.9 | 7.90 | 7.89 | 7.96 | 7.89 | 7.96 |
| A1 - 100/ | 34.5 | 34.3 | 36.9 | 33.7 | 36.3 | 15.0 | 14.9 | 14.0 | 14.9 | 14.3 | 8.0 | 8.2 | 8.0 | 8.1 | 7.8 | 7.82 | 7.91 | 8.03 | 7.94 | 8.01 |
| A2 - 10/ | 33.8 | 33.9 | 34.9 | 34.9 | 34.8 | 15.0 | 14.1 | 14.1 | 15.1 | 14.3 | 8.2 | 8.1 | 8.2 | 8.2 | 7.9 | 7.90 | 7.92 | 8.14 | 7.97 | 8.02 |
| A2 - 100/ | 34.5 | 34.3 | 34.3 | 33.3 | 33.7 | 15.0 | 14.6 | 14.2 | 15.1 | 14.5 | 8.0 | 8.1 | 8.1 | 7.9 | 7.6 | 7.84 | 7.88 | 8.12 | 8.01 | 8.00 |
| APS - 10/ | 33.6 | 33.6 | 34.5 | 34.7 | 34.8 | 15.0 | 14.7 | 14.3 | 14.9 | 14.3 | 8.2 | 8.2 | 8.0 | 8.0 | 7.9 | 7.90 | 7.95 | 8.11 | 7.96 | 7.98 |
| APS - 100/ | 34.2 | 34.6 | 33.6 | 33.9 | 33.8 | 15.0 | 15.1 | 14.8 | 14.8 | 14.3 | 8.2 | 8.2 | 8.0 | 8.1 | 7.8 | 7.82 | 7.81 | 7.96 | 7.89 | 7.96 |
| C1 - 10/ | 33.9 | 34.0 | 34.3 | 34.1 | 34.5 | 15.0 | 15.2 | 14.8 | 14.9 | 14.3 | 8.2 | 8.3 | 8.0 | 8.2 | 7.7 | 7.91 | 7.83 | 8.01 | 7.97 | 7.99 |

| | 0 | 24 | 48 | 72 | 96 |
|---|---|---|---|---|---|
| Technician Initials: | | | | | |
| WQ Readings: | WC | MH | MH | SM | IM |
| Dilutions made by: | WC | | | | |

Animal Source/Date Received: Field collected 1/28/2016

Comments:
0 hrs: surrogate
24 hrs: A-QS - WQ taken in surrogate cup / very cloudy cup surrogate
48 hrs:
72 hrs: A - QS - WQ taken in surrogate cups very cloudy

QC Check: MH 2/9/2016

Final Review: MH 2/10/16

**Embryo-Larval Development Test – SPAWNING CHECKLIST & CALCULATIONS**

Batch ID: 012816 SP
Analyst: JMD

Spawn/Test Date: 2/2/2016
Test Species: S. purpuratus

| Task | Time |
|------|------|
| Spawning Inducement Initiated | 12:30 |
| Spawning Begins | 12:40 |
| Females/Males Isolated in Incubator | 1305 |
| Fertilization Initiated | 1310 |
| Fertilzation Terminated/eggs rinsed | 1330 |
| Embryo Counts | 1420 |
| Embryo addition to vials | 1520 |

Embryo Counts:

Embryo Stock #1: 42 , 22 , 31  Mean = 31 / 20 uL * 1000 uL/mL = 1583 cells/mL
Embryo Stock #2: 31 , 25 , 28  Mean = 28 / 20 uL * 1000 uL/mL = 1400 cells/mL
Embryo Stock #3: _____ , _____ , _____  Mean = _____ / _____ uL * 1000 uL/mL = _____ cells/mL

Adjust selected embryo stock to 2000 embryos/ml.  Confirm density:

Selected Stock : _____ , _____ , _____  Mean = _____ / _____ uL * 1000 uL/mL = _____ cells/mL

Add 100 µl of 2000 embryo/ml stock to obtain 20 embryos/ml in test vials.

Notes:

Add 150 µl of Stock #1 for final density of ~ 237 cell/vial.
Selected Stock #1

**Random Numbers**

# Drifter Toxicity Testing February 2016
## Echinoderm Development Tests
### Test Initiation Date: 2/2/2016
### Group 1

| sample | Rand# |
|---|---|
| ✓ Lab Control #1 | 14 27 33 2 |
| ✓ D1 - 10% Drifter #106 | 3 24 23 22 |
| ✓ D1 - 100% Drifter #106 | 11 20 19 26 |
| ✓ D2 - 10% Drifter #107 | 7 25 21 1 |
| ✓ D2 - 100% Drifter #107 | 4 8 29 30 |
| ✓ D3 - 10% Drifter #108 | 10 16 36 31 |
| ✓ D3 - 100% Drifter #108 | 12 28 15 17 |
| ✓ D4 - 10% Drifter #110 | 5 18 9 34 |
| ✓ D4 - 100% Drifter #110 | 13 32 6 35 |

QC Check - Echino: _____     QC Check - Bivalve: _____

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

# Drifter Toxicity Testing February 2016
## Echinoderm Development Tests
### Test Initiation Date: 2/2/2016
### Group 2

| sample | Rand# |
|---|---|
| ✓ Brine Control #1 | 42<br>41<br>46<br>66 |
| ✓ D5 - 10%<br>Drifter #111 | 60<br>62<br>38<br>67 |
| ✓ D5 - 100%<br>Drifter #111 | 72<br>71<br>37<br>40 |
| ✓ D6 - 50%<br>Drifter #112 | 54<br>45<br>65<br>63 |
| ✓ D6 - 100%<br>Drifter #112 | 44<br>43<br>57<br>49 |
| ✓ D7 - 50%<br>Drifter #114 | 39<br>52<br>59<br>55 |
| ✓ D7 - 100%<br>Drifter #114 | 48<br>50<br>69<br>64 |
| ✓ D8 - 50%<br>Drifter # 109 | 61<br>51<br>70<br>53 |
| ✓ D8 - 100%<br>Drifter # 109 | 58<br>56<br>47<br>68 |

QC Check - Echino: _____    QC Check - Bivalve: _____

# Drifter Toxicity Testing February 2016
## Echinoderm Development Tests
### Test Initiation Date: 2/2/2016
### Group 3

| sample | Rand# |
|---|---|
| ✓ ~~Lab Control #3~~ NHH | 83 <br> 85 <br> 87 <br> 78 |
| ✓ D9 - 50% Drifter 113 uto | 82 <br> 80 <br> 74 <br> 76 |
| ✓ D9 - 100% Drifter 113 | 89 <br> 92 <br> 79 <br> 90 |
| ✓ Drifter # 115 D10 - 50% (other side of box) | 86 <br> 88 <br> 77 <br> 73 |
| ✓ Drifter # 115 D10 - 100% | 81 <br> 84 <br> 91 <br> 75 |

QC Check - Echino: _____   QC Check - Bivalve: _____

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

# Drifter Toxicity Testing February 2016
## Echinoderm Development Tests
## Test Initiation Date: 2/2/2016
## Ambient Samples

| sample | Rand# |
|---|---|
| ✓ Lab Control #4 | 99<br>94<br>113<br>105 |
| ✓ AS1 - 10% | 115<br>107<br>98<br>112 |
| ✓ AS1 - 100% | 97<br>110<br>108<br>96 |
| ✓ AS2 - 10% | 111<br>106<br>119<br>114 |
| ✓ AS2 - 100% | 95<br>101<br>116<br>120 |
| ✓ AS3 - 10%<br>Pre storm | 102<br>103<br>118<br>109 |
| ✓ AS3 - 100%<br>Pre storm | 100<br>104<br>117<br>93 |

QC Check - Echino: _MAN_    QC Check - Bivalve: _____

SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152

**Brine Worksheets**

# Marine Chronic Bioassay

# Brine Dilution Worksheet

**Project:** ESTCP Drifter - Storm Monitoring #2

**Test Type:** Sp-dev

**Analyst:** MC

**Test Date:** 2/2/2016

**Date of Brine used:** 1/20/2016

Salinity of Brine _____ 79.6 _____
Target Salinity _____ 34 _____
Test Dilution Volume _____ 100 _____

Salinity Adjustment Factor:
(TS - SE)/(SB - TS) =

TS = target salinity
SE = salinity of effluent
SB = salinity of brine

| Sample ID | Salinity of Effluent | Concentration (%) | Salinity Adjustment Factor | Effluent Volume (ml) | Brine Volume (ml) | Dilute to: (ml) |
|---|---|---|---|---|---|---|
| - | - | Lab Control | - | - | - | 100 |
| drifter 106 | 23.5 | 10.0 | 0.23 | 10.0 | 2.3 | 100 |
| | 25.3 | 84.0 | 0.19 | 84.0 | 16.0 | 100 |
| drifter 107 | 21.3 | 10.0 | 0.28 | 10.0 | 2.8 | 100 |
| | 21.3 | 78.2 | 0.28 | 78.2 | 21.8 | 100 |
| drifter 108 | 21.6 | 10.0 | 0.27 | 10.0 | 2.7 | 100 |
| | 21.6 | 78.6 | 0.27 | 78.6 | 21.4 | 100 |
| drifter 109 | 18.6 | 10.0 | 0.34 | 10.0 | 3.4 | 100 |
| | 18.6 | 74.8 | 0.34 | 74.8 | 25.2 | 100 |
| drifter 110 | 24.4 | 10.0 | 0.21 | 10.0 | 2.1 | 100 |
| | 24.4 | 82.6 | 0.21 | 82.6 | 17.4 | 100 |
| drifter 111 | 19.8 | 10.0 | 0.31 | 10.0 | 3.1 | 100 |
| | 19.8 | 76.3 | 0.31 | 76.3 | 23.7 | 100 |
| drifter 112 | 25.4 | 10.0 | 0.19 | 10.0 | 1.9 | 100 |
| | 25.4 | 84.1 | 0.19 | 84.1 | 15.9 | 100 |
| drifter 113 | 25.5 | 10.0 | 0.19 | 10.0 | 1.9 | 100 |
| | 25.5 | 84.3 | 0.19 | 84.3 | 15.7 | 100 |
| drifter 114 | 20.5 | 10.0 | 0.30 | 10.0 | 3.0 | 100 |
| | 20.5 | 77.2 | 0.30 | 77.2 | 22.8 | 100 |
| drifter 115 | 27.1 | 10.0 | 0.15 | 10.0 | 1.5 | 100 |
| | 27.1 | 86.9 | 0.15 | 86.9 | 13.1 | 100 |
| DI Volume | | | | | | |
| Brine Control | 30.6 | 0.75 | 22.8 | 200 | | |

Total Brine Volume Required (ml): 240.6

**QC Check:** _P.~ 2/20/16_

**Final Review:** _JM 6/6/2016_

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

**Appendix B**

**Reference Toxicant Test Data and Statistical Summaries**

**January 5th, 2016**

**Storm Event**

# CETIS Summary Report

| Echinoid Embryo-Larval Development Test | **SPAWAR Systems Center** |
|---|---|

| | | | | | |
|---|---|---|---|---|---|
| **Batch ID:** | 18-1767-3458 | **Test Type:** | Development-Survival | **Analyst:** | Nicholas Hayman |
| **Start Date:** | 07 Jan-16 15:45 | **Protocol:** | EPA/600/R-95/136 (1995) | **Diluent:** | Laboratory Seawater |
| **Ending Date:** | 11 Jan-16 15:15 | **Species:** | Strongylocentrotus purpuratus | **Brine:** | Not Applicable |
| **Duration:** | 95h | **Source:** | Field Collected | **Age:** | |

| | | | | | |
|---|---|---|---|---|---|
| **Sample ID:** | 11-8567-7308 | **Code:** | 46ABFFFC | **Client:** | SPAWAR |
| **Sample Date:** | 07 Jan-16 | **Material:** | Copper sulfate | **Project:** | DRIFTER EX Pilot Study |
| **Receive Date:** | | **Source:** | Reference Toxicant | | |
| **Sample Age:** | 16h | **Station:** | Reference Toxicant | | |

## Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|---|---|---|---|---|---|---|---|
| 12-2257-2446 | Proportion Normal | 17.2 | 24 | 20.32 | 14.8% | | Dunnett Multiple Comparison Test |

## Point Estimate Summary

| Analysis ID | Endpoint | Level | µg/L | 95% LCL | 95% UCL | TU | Method |
|---|---|---|---|---|---|---|---|
| 04-3627-1788 | Proportion Normal | EC50 | 22.9 | 20.88 | 25.93 | | Linear Interpolation (ICPIN) |

## Proportion Normal Summary

| C-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | %Effect |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Lab Control | 5 | 0.768 | 0.7095 | 0.8265 | 0.71 | 0.83 | 0.02107 | 0.04712 | 6.14% | 0.0% |
| 5.8 | | 5 | 0.63 | 0.554 | 0.706 | 0.57 | 0.7 | 0.02739 | 0.06124 | 9.72% | 17.97% |
| 8.4 | | 5 | 0.712 | 0.6405 | 0.7835 | 0.63 | 0.78 | 0.02577 | 0.05762 | 8.09% | 7.29% |
| 12 | | 5 | 0.814 | 0.7503 | 0.8777 | 0.74 | 0.87 | 0.02293 | 0.05128 | 6.3% | -5.99% |
| 17.2 | | 5 | 0.712 | 0.5918 | 0.8322 | 0.54 | 0.77 | 0.04329 | 0.0968 | 13.6% | 7.29% |
| 24 | | 5 | 0.33 | 0.1772 | 0.4828 | 0.19 | 0.48 | 0.05505 | 0.1231 | 37.3% | 57.03% |
| 35 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

## Proportion Normal Detail

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 0.75 | 0.75 | 0.71 | 0.83 | 0.8 |
| 5.8 | | 0.61 | 0.7 | 0.69 | 0.57 | 0.58 |
| 8.4 | | 0.63 | 0.69 | 0.75 | 0.71 | 0.78 |
| 12 | | 0.82 | 0.85 | 0.79 | 0.87 | 0.74 |
| 17.2 | | 0.77 | 0.74 | 0.76 | 0.54 | 0.75 |
| 24 | | 0.43 | 0.48 | 0.31 | 0.19 | 0.24 |
| 35 | | 0 | 0 | 0 | 0 | 0 |

## Proportion Normal Binomials

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 75/100 | 75/100 | 71/100 | 83/100 | 80/100 |
| 5.8 | | 61/100 | 70/100 | 69/100 | 57/100 | 58/100 |
| 8.4 | | 63/100 | 69/100 | 75/100 | 71/100 | 78/100 |
| 12 | | 82/100 | 85/100 | 79/100 | 87/100 | 74/100 |
| 17.2 | | 77/100 | 74/100 | 76/100 | 54/100 | 75/100 |
| 24 | | 43/100 | 48/100 | 31/100 | 19/100 | 24/100 |
| 35 | | 0/100 | 0/100 | 0/100 | 0/100 | 0/100 |

# CETIS Analytical Report

| **Echinoid Embryo-Larval Development Test** | **SPAWAR Systems Center** |
|---|---|

| **Analysis ID:** | 12-2257-2446 | **Endpoint:** | Proportion Normal | **CETIS Version:** | CETISv1.8.7 |
|---|---|---|---|---|---|
| **Analyzed:** | 22 Feb-16 13:19 | **Analysis:** | Parametric-Control vs Treatments | **Official Results:** | Yes |

| **Batch ID:** | 18-1767-3458 | **Test Type:** | Development-Survival | **Analyst:** | Nicholas Hayman |
|---|---|---|---|---|---|
| **Start Date:** | 07 Jan-16 15:45 | **Protocol:** | EPA/600/R-95/136 (1995) | **Diluent:** | Laboratory Seawater |
| **Ending Date:** | 11 Jan-16 15:15 | **Species:** | Strongylocentrotus purpuratus | **Brine:** | Not Applicable |
| **Duration:** | 95h | **Source:** | Field Collected | **Age:** | |

| **Sample ID:** | 11-8567-7308 | **Code:** | 46ABFFFC | **Client:** | SPAWAR |
|---|---|---|---|---|---|
| **Sample Date:** | 07 Jan-16 | **Material:** | Copper sulfate | **Project:** | DRIFTER EX Pilot Study |
| **Receive Date:** | | **Source:** | Reference Toxicant | | |
| **Sample Age:** | 16h | **Station:** | Reference Toxicant | | |

| Data Transform | Zeta | Alt Hyp | Trials | Seed | PMSD | NOEL | LOEL | TOEL | TU |
|---|---|---|---|---|---|---|---|---|---|
| Angular (Corrected) | NA | C > T | NA | NA | 14.8% | 17.2 | 24 | 20.32 | |

## Dunnett Multiple Comparison Test

| Control | vs | C-µg/L | Test Stat | Critical | MSD | DF | P-Value | P-Type | Decision(α:5%) |
|---|---|---|---|---|---|---|---|---|---|
| Lab Control | | 5.8* | 2.816 | 2.362 | 0.128 | 8 | 0.0192 | CDF | Significant Effect |
| | | 8.4 | 1.186 | 2.362 | 0.128 | 8 | 0.3399 | CDF | Non-Significant Effect |
| | | 12 | -1.069 | 2.362 | 0.128 | 8 | 0.9863 | CDF | Non-Significant Effect |
| | | 17.2 | 1.154 | 2.362 | 0.128 | 8 | 0.3532 | CDF | Non-Significant Effect |
| | | 24* | 8.575 | 2.362 | 0.128 | 8 | <0.0001 | CDF | Significant Effect |

## ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(α:5%) |
|---|---|---|---|---|---|---|
| Between | 0.8548011 | 0.1709602 | 5 | 23.45 | <0.0001 | Significant Effect |
| Error | 0.1749689 | 0.007290371 | 24 | | | |
| Total | 1.02977 | | 29 | | | |

## Distributional Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision(α:1%) |
|---|---|---|---|---|---|
| Variances | Bartlett Equality of Variance | 4.654 | 15.09 | 0.4595 | Equal Variances |
| Distribution | Shapiro-Wilk W Normality | 0.9737 | 0.9031 | 0.6458 | Normal Distribution |

## Proportion Normal Summary

| C-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Median | Min | Max | Std Err | CV% | %Effect |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Lab Control | 5 | 0.768 | 0.7095 | 0.8265 | 0.75 | 0.71 | 0.83 | 0.02107 | 6.14% | 0.0% |
| 5.8 | | 5 | 0.63 | 0.554 | 0.706 | 0.61 | 0.57 | 0.7 | 0.02739 | 9.72% | 17.97% |
| 8.4 | | 5 | 0.712 | 0.6405 | 0.7835 | 0.71 | 0.63 | 0.78 | 0.02577 | 8.09% | 7.29% |
| 12 | | 5 | 0.814 | 0.7503 | 0.8777 | 0.82 | 0.74 | 0.87 | 0.02293 | 6.3% | -5.99% |
| 17.2 | | 5 | 0.712 | 0.5918 | 0.8322 | 0.75 | 0.54 | 0.77 | 0.04329 | 13.6% | 7.29% |
| 24 | | 5 | 0.33 | 0.1772 | 0.4828 | 0.31 | 0.19 | 0.48 | 0.05505 | 37.3% | 57.03% |
| 35 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

## Angular (Corrected) Transformed Summary

| C-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Median | Min | Max | Std Err | CV% | %Effect |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Lab Control | 5 | 1.07 | 0.9997 | 1.14 | 1.047 | 1.002 | 1.146 | 0.02527 | 5.28% | 0.0% |
| 5.8 | | 5 | 0.9178 | 0.8385 | 0.9971 | 0.8963 | 0.8556 | 0.9912 | 0.02857 | 6.96% | 14.21% |
| 8.4 | | 5 | 1.006 | 0.9269 | 1.085 | 1.002 | 0.9169 | 1.083 | 0.02844 | 6.32% | 5.99% |
| 12 | | 5 | 1.128 | 1.046 | 1.209 | 1.133 | 1.036 | 1.202 | 0.02927 | 5.81% | -5.4% |
| 17.2 | | 5 | 1.008 | 0.8801 | 1.135 | 1.047 | 0.8254 | 1.071 | 0.0459 | 10.19% | 5.83% |
| 24 | | 5 | 0.6068 | 0.4421 | 0.7716 | 0.5905 | 0.451 | 0.7654 | 0.05934 | 21.87% | 43.28% |
| 35 | | 5 | 0.05002 | 0.05001 | 0.05003 | 0.05002 | 0.05002 | 0.05002 | 0 | 0.0% | 95.32% |

| Echinoid Embryo-Larval Development Test | SPAWAR Systems Center |
|---|---|

| **Analysis ID:** | 12-2257-2446 | **Endpoint:** | Proportion Normal | **CETIS Version:** | CETISv1.8.7 |
| **Analyzed:** | 22 Feb-16 13:19 | **Analysis:** | Parametric-Control vs Treatments | **Official Results:** | Yes |

## Proportion Normal Detail

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 0.75 | 0.75 | 0.71 | 0.83 | 0.8 |
| 5.8 | | 0.61 | 0.7 | 0.69 | 0.57 | 0.58 |
| 8.4 | | 0.63 | 0.69 | 0.75 | 0.71 | 0.78 |
| 12 | | 0.82 | 0.85 | 0.79 | 0.87 | 0.74 |
| 17.2 | | 0.77 | 0.74 | 0.76 | 0.54 | 0.75 |
| 24 | | 0.43 | 0.48 | 0.31 | 0.19 | 0.24 |
| 35 | | 0 | 0 | 0 | 0 | 0 |

## Angular (Corrected) Transformed Detail

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 1.047 | 1.047 | 1.002 | 1.146 | 1.107 |
| 5.8 | | 0.8963 | 0.9912 | 0.9803 | 0.8556 | 0.8657 |
| 8.4 | | 0.9169 | 0.9803 | 1.047 | 1.002 | 1.083 |
| 12 | | 1.133 | 1.173 | 1.095 | 1.202 | 1.036 |
| 17.2 | | 1.071 | 1.036 | 1.059 | 0.8254 | 1.047 |
| 24 | | 0.7152 | 0.7654 | 0.5905 | 0.451 | 0.512 |
| 35 | | 0.05002 | 0.05002 | 0.05002 | 0.05002 | 0.05002 |

## Proportion Normal Binomials

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 75/100 | 75/100 | 71/100 | 83/100 | 80/100 |
| 5.8 | | 61/100 | 70/100 | 69/100 | 57/100 | 58/100 |
| 8.4 | | 63/100 | 69/100 | 75/100 | 71/100 | 78/100 |
| 12 | | 82/100 | 85/100 | 79/100 | 87/100 | 74/100 |
| 17.2 | | 77/100 | 74/100 | 76/100 | 54/100 | 75/100 |
| 24 | | 43/100 | 48/100 | 31/100 | 19/100 | 24/100 |
| 35 | | 0/100 | 0/100 | 0/100 | 0/100 | 0/100 |

## Graphics

# CETIS Analytical Report

| Echinoid Embryo-Larval Development Test | | SPAWAR Systems Center |
|---|---|---|

| | | | |
|---|---|---|---|
| **Analysis ID:** | 04-3627-1788 | **Endpoint:** Proportion Normal | **CETIS Version:** CETISv1.8.7 |
| **Analyzed:** | 22 Feb-16 13:19 | **Analysis:** Linear Interpolation (ICPIN) | **Official Results:** Yes |

| | | | |
|---|---|---|---|
| **Batch ID:** | 18-1767-3458 | **Test Type:** Development-Survival | **Analyst:** Nicholas Hayman |
| **Start Date:** | 07 Jan-16 15:45 | **Protocol:** EPA/600/R-95/136 (1995) | **Diluent:** Laboratory Seawater |
| **Ending Date:** | 11 Jan-16 15:15 | **Species:** Strongylocentrotus purpuratus | **Brine:** Not Applicable |
| **Duration:** | 95h | **Source:** Field Collected | **Age:** |

| | | | |
|---|---|---|---|
| **Sample ID:** | 11-8567-7308 | **Code:** 46ABFFFC | **Client:** SPAWAR |
| **Sample Date:** | 07 Jan-16 | **Material:** Copper sulfate | **Project:** DRIFTER EX Pilot Study |
| **Receive Date:** | | **Source:** Reference Toxicant | |
| **Sample Age:** | 16h | **Station:** Reference Toxicant | |

### Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|---|---|---|---|---|---|
| Log(X+1) | Linear | 831672 | 200 | Yes | Two-Point Interpolation |

### Point Estimates

| Level | µg/L | 95% LCL | 95% UCL |
|---|---|---|---|
| EC50 | 22.9 | 20.88 | 25.93 |

### Proportion Normal Summary

| C-µg/L | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | %Effect | A | B |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Lab Control | 5 | 0.768 | 0.71 | 0.83 | 0.02107 | 0.04712 | 6.14% | 0.0% | 384 | 500 |
| 5.8 | | 5 | 0.63 | 0.57 | 0.7 | 0.02739 | 0.06124 | 9.72% | 17.97% | 315 | 500 |
| 8.4 | | 5 | 0.712 | 0.63 | 0.78 | 0.02577 | 0.05762 | 8.09% | 7.29% | 356 | 500 |
| 12 | | 5 | 0.814 | 0.74 | 0.87 | 0.02293 | 0.05128 | 6.3% | -5.99% | 407 | 500 |
| 17.2 | | 5 | 0.712 | 0.54 | 0.77 | 0.04329 | 0.0968 | 13.6% | 7.29% | 356 | 500 |
| 24 | | 5 | 0.33 | 0.19 | 0.48 | 0.05505 | 0.1231 | 37.3% | 57.03% | 165 | 500 |
| 35 | | 5 | 0 | 0 | 0 | 0 | 0 | | 100.0% | 0 | 500 |

### Proportion Normal Detail

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 0.75 | 0.75 | 0.71 | 0.83 | 0.8 |
| 5.8 | | 0.61 | 0.7 | 0.69 | 0.57 | 0.58 |
| 8.4 | | 0.63 | 0.69 | 0.75 | 0.71 | 0.78 |
| 12 | | 0.82 | 0.85 | 0.79 | 0.87 | 0.74 |
| 17.2 | | 0.77 | 0.74 | 0.76 | 0.54 | 0.75 |
| 24 | | 0.43 | 0.48 | 0.31 | 0.19 | 0.24 |
| 35 | | 0 | 0 | 0 | 0 | 0 |

### Proportion Normal Binomials

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 75/100 | 75/100 | 71/100 | 83/100 | 80/100 |
| 5.8 | | 61/100 | 70/100 | 69/100 | 57/100 | 58/100 |
| 8.4 | | 63/100 | 69/100 | 75/100 | 71/100 | 78/100 |
| 12 | | 82/100 | 85/100 | 79/100 | 87/100 | 74/100 |
| 17.2 | | 77/100 | 74/100 | 76/100 | 54/100 | 75/100 |
| 24 | | 43/100 | 48/100 | 31/100 | 19/100 | 24/100 |
| 35 | | 0/100 | 0/100 | 0/100 | 0/100 | 0/100 |

**Echinoid Embryo-Larval Development Test**  **SPAWAR Systems Center**

| | | | |
|---|---|---|---|
| **Analysis ID:** | 04-3627-1788 | **Endpoint:** | Proportion Normal |
| **Analyzed:** | 22 Feb-16 13:19 | **Analysis:** | Linear Interpolation (ICPIN) |

| | |
|---|---|
| **CETIS Version:** | CETISv1.8.7 |
| **Official Results:** | Yes |

**Graphics**

**CuSO$_4$ Reference Toxicant Concentration Calculations**

**Jan-16**

**SUBSTOCK CALCULATIONS**

| | | |
|---|---|---|
| Stock | 1 g/L | |
| substock | 1 mg/L | 1000 µg/L |

| | | |
|---|---|---|
| **1PPM** | **1000 µg/L:** | **0.1 mL of 1 g/L stock into 100 mL SIO** ✓ |

**Echino:** **1ppm**

Volume / concentration needed= 200 mL

C1V1 = C2V2

| | C1 | 200 | 1000 | V2 |
|---|---|---|---|---|
| | V2 = C1*200/1000 | | | |

**Conc's (µg/L):** **Volume (mL) of 1000 µg/L stock into 200 mL FSW:**

| Conc's (µg/L) | Volume (mL) |
|---|---|
| 5.8 | 1.16 |
| 8.4 | 1.68 |
| 12 | 2.40 |
| 17.2 | 3.44 |
| 24 | 4.80 |
| 35 | 7.00 |

20.48 mL of stock needed

Cu Stock Date 9 Mar 2011 (A)

QC: MC

# Embryo Larval Bioassay

# 96-Hour Development

**Project:** SERDP / Drifter Storm #1

**Sample ID:** Copper Ref tox

**Test No.:** SSC-2016-001

**Test Species:** S. purpuratus

**Start Date:** 1/7/16

**End Date:** 1/11/16

| Random # | Number Counted | Number Normal | Technician Initials |
|---|---|---|---|
| 184 | 100 | 71 | NH |
| 185 | 100 | 0 | NH |
| 186 | 100 | 0 | NH |
| 187 | 100 | 83 | NH |
| 188 | 100 | 75 | NH |
| 189 | 100 | mc 45  24 | NH |
| 190 | 100 | 63 | NH |
| 191 | 100 | mc 46  19 | NH |
| 192 | 100 | mc 76  54 | NH |
| 193 | 100 | 70 | NH |
| 194 | 100 | 57 | NH |
| 195 | 100 | 71 | NH |
| 196 | 100 | 69 | NH |
| 197 | 100 | 77 | NH |
| 198 | 100 | 77 | NH |
| 199 | 100 | 78 | NH |
| 200 | 100 | 85 | NH |
| 201 | 100 | 75 | NH |
| 202 | 100 | 70 mc 48 | NH |
| 203 | 100 | 74 | NH |
| 204 | 100 | 75 | NH |
| 205 | 100 | 0 | NH |
| 206 | 100 | 82 | NH |
| 207 | 100 | 0 | NH |
| 208 | 100 | 0 | NH |
| 209 | 100 | 69 | NH |
| 210 | 100 | 75 | NH |
| 211 | 100 | 87 | NH |
| 212 | 100 | 61 | NH |
| 213 | 100 | 57 31 mc | NH |
| 214 | 100 | 80 | NH |
| 215 | 100 | 43 | NH |
| 216 | 100 | 58 | NH |
| 217 | 100 | 74 | NH |
| 218 | 100 | 76 | NH |

**QC Check:** NH 1/14/16

**Final Review:** Jm 6/6/2016

# Drifter Toxicity Testing January 2016
## Echinoderm Development Tests
## Test Initiation Date: 1/5/2016
## Copper Reference Toxicant

| Copper Concentration (µg/L) | Rand# |
|---|---|
| Lab Control | 204 |
| | 188 |
| | 184 |
| | 187 |
| | 214 |
| 5.8 | 212 |
| | 193 |
| | 209 |
| | 194 |
| | 216 |
| 8.4 | 190 |
| | 196 |
| | 201 |
| | 195 |
| | 199 |
| 12 | 206 |
| | 200 |
| | 198 |
| | 211 |
| | 217 |
| 17.2 | 197 |
| | 203 |
| | 218 |
| | 192 |
| | 210 |
| 24 | 215 |
| | 202 |
| | 213 |
| | 191 |
| | 189 |
| 35 | 185 |
| | 205 |
| | 207 |
| | 208 |
| | 186 |

QC Check: _[signature]_

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

# Marine Chronic Bioassay

Project: SERDP Recontamination
Sample ID: Copper Sulfate Reference Toxicant
Test No.: SSC-2016-001

## Water Quality Measurements

Test Species: *S. purpuratus*
Start Date/Time: 1/7/2016 1545
End Date/Time: 1/11/2016 1515

| Concentration CuSO₄ (µg/L) | Salinity (ppt) | | | | | Temperature (°C) | | | | | Dissolved Oxygen (mg/L) | | | | | pH (pH units) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 |
| Lab Control | 33.7 | 34.4 | 33.7 | 35.0 | 35.3 | 15.0 | 15.7 | 14.9 | 15.3 | 15.2 | 8.0 | 7.2 | 7.3 | 7.1 | 7.0 | 8.07 | 7.99 | 7.99 | 7.71 | 7.76 |
| 5.8 | 33.7 | 34.0 | 34.7 | 35.6 | 35.2 | 15.0 | 15.3 | 14.8 | 14.9 | 15.1 | 7.9 | 7.4 | 7.4 | 7.0 | 7.2 | 8.11 | 8.10 | 8.05 | 8.04 | 8.04 |
| 8.4 | 33.8 | 34.2 | 34.5 | 33.9 | 33.2 | 15.0 | 15.3 | 14.8 | 15.1 | 14.9 | 7.9 | 7.7 | 7.7 | 7.3 | 7.5 | 8.10 | 8.11 | 8.03 | 8.05 | 8.07 |
| 12 | 33.8 | 34.6 | 34.2 | 34.9 | 34.5 | 15.0 | 15.3 | 15.1 | 14.8 | 14.8 | 7.8 | 7.8 | 7.8 | 7.4 | 7.7 | 8.10 | 8.11 | 8.07 | 8.10 | 8.10 |
| 17.2 | 34.0 | 34.5 | 34.3 | 33.6 | 33.5 | 15.0 | 15.4 | 14.9 | 14.9 | 15.1 | 7.8 | 7.9 | 7.8 | 7.4 | 7.7 | 8.10 | 8.12 | 8.05 | 8.(2) | 8.08 |
| 24 | 33.8 | 34.3 | 34.8 | 34.2 | 34.8 | 15.0 | 15.4 | 14.5 | 14.9 | 15.0 | 7.9 | 7.9 | 7.8 | 7.6 | 7.7 | 8.12 | 8.12 | 8.06 | 8.06 | 8.12 |
| 35 | 33.8 | 34.4 | 34.6 | 34.2 | 34.0 | 15.0 | 15.6 | 15.1 | 15.2 | 15.3 | 7.9 | 7.9 | 7.3 | 7.6 | 7.7 | 8.11 | 8.13 | 8.10 | 8.08 | 8.09 |

| | 0 | 24 | 48 | 72 | 96 |
|---|---|---|---|---|---|
| Technician Initials: | | | | | |
| WQ Readings: | MC | MH | Jen | Jen | Jen |
| Dilutions made by: | MC | | | | |

Field Collected 12/29/2015

Animal Source/Date Received: 

Comments:

0 hrs:
24 hrs:
48 hrs:
72 hrs:

QC Check: _____ 1/11/16

Final Review: 6/3/16 Jen

## Embryo-Larval Development Test – SPAWNING CHECKLIST & CALCULATIONS

Batch ID: 120915 Sp
Analyst: GR

Spawn/Test Date: 1/7/2016
Test Species: S. purpuratus

| Task | Time |
|---|---|
| Spawning Inducement Initiated | 1310 HR. |
| Spawning Begins | 1310 HR |
| Females/Males Isolated in Incubator | 1326 HR   3♂ combined, 3♀ sep. |
| Fertilization Initiated | 1326 HR. |
| Fertilzation Terminated/eggs rinsed | 1336 HR |
| Embryo Counts | 1430 HR |
| Embryo addition to vials | 1545 |

Embryo Counts:

Embryo Stock #1: 42, 41, 38  Mean = ~~42~~ 40.3 / 20 uL * 1000 uL/mL = 2017 cells/mL

Embryo Stock #2: 47, 45, 42  Mean = 45 / 20 uL * 1000 uL/mL = 2233 cells/mL

Embryo Stock #3: 49, 42, 56  Mean = 49 / 20 uL * 1000 uL/mL = 2450 cells/mL

Adjust selected embryo stock to 2000 embryos/ml.  Confirm density:

Selected Stock : _____, _____, _____  Mean = _____ / _____ uL * 1000 uL/mL = _____ cells/mL

Add 100 µl of 2000 embryo/ml stock to obtain 20 embryos/ml in test vials.

Notes:

Add 100 µl of any of the 3 stocks. #1 looks best at 1430 HR.

Stock #1 used for innoculating.
100% division @ 2 cell stage.

**January 31st, 2016**

**Storm Event**

# CETIS Summary Report

| Echinoid Embryo-Larval Development Test | **SPAWAR Systems Center** |
|---|---|

| **Batch ID:** | 10-3894-2412 | **Test Type:** | Development-Survival | **Analyst:** | Nicholas Hayman |
|---|---|---|---|---|---|
| **Start Date:** | 02 Feb-16 15:20 | **Protocol:** | EPA/600/R-95/136 (1995) | **Diluent:** | Laboratory Seawater |
| **Ending Date:** | 06 Feb-16 15:10 | **Species:** | Strongylocentrotus purpuratus | **Brine:** | Not Applicable |
| **Duration:** | 96h | **Source:** | Field Collected | **Age:** | |

| **Sample ID:** | 20-8785-0469 | **Code:** | 7C7211E5 | **Client:** | SPAWAR |
|---|---|---|---|---|---|
| **Sample Date:** | 02 Feb-16 | **Material:** | Copper sulfate | **Project:** | DRIFTER EX Pilot Study |
| **Receive Date:** | | **Source:** | Reference Toxicant | | |
| **Sample Age:** | 15h | **Station:** | Reference Toxicant | | |

## Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|---|---|---|---|---|---|---|---|
| 06-5337-1589 | Proportion Normal | 12 | 17.2 | 14.37 | 3.96% | | Dunnett Multiple Comparison Test |

## Point Estimate Summary

| Analysis ID | Endpoint | Level | µg/L | 95% LCL | 95% UCL | TU | Method |
|---|---|---|---|---|---|---|---|
| 20-1910-0006 | Proportion Normal | EC50 | 19.58 | 19.07 | 20.07 | | Linear Regression (MLE) |

## Proportion Normal Summary

| C-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | %Effect |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Lab Control | 5 | 0.98 | 0.9676 | 0.9924 | 0.97 | 0.99 | 0.004472 | 0.01 | 1.02% | 0.0% |
| 5.8 | | 5 | 0.992 | 0.9816 | 1 | 0.98 | 1 | 0.003742 | 0.008367 | 0.84% | -1.22% |
| 8.4 | | 5 | 0.984 | 0.9652 | 1 | 0.96 | 1 | 0.006782 | 0.01517 | 1.54% | -0.41% |
| 12 | | 5 | 0.968 | 0.9359 | 1 | 0.93 | 1 | 0.01158 | 0.02588 | 2.67% | 1.22% |
| 17.2 | | 5 | 0.728 | 0.6549 | 0.8011 | 0.66 | 0.79 | 0.02634 | 0.05891 | 8.09% | 25.71% |
| 24 | | 5 | 0.162 | 0.05433 | 0.2697 | 0.08 | 0.27 | 0.03878 | 0.08672 | 53.53% | 83.47% |
| 35 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

## Proportion Normal Detail

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 0.99 | 0.97 | 0.99 | 0.98 | 0.97 |
| 5.8 | | 0.99 | 0.98 | 1 | 0.99 | 1 |
| 8.4 | | 0.99 | 1 | 0.99 | 0.98 | 0.96 |
| 12 | | 0.93 | 0.96 | 0.97 | 0.98 | 1 |
| 17.2 | | 0.66 | 0.79 | 0.7 | 0.7 | 0.79 |
| 24 | | 0.08 | 0.27 | 0.12 | 0.1 | 0.24 |
| 35 | | 0 | 0 | 0 | 0 | 0 |

## Proportion Normal Binomials

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 99/100 | 97/100 | 99/100 | 98/100 | 97/100 |
| 5.8 | | 99/100 | 98/100 | 100/100 | 99/100 | 100/100 |
| 8.4 | | 99/100 | 100/100 | 99/100 | 98/100 | 96/100 |
| 12 | | 93/100 | 96/100 | 97/100 | 98/100 | 100/100 |
| 17.2 | | 66/100 | 79/100 | 70/100 | 70/100 | 79/100 |
| 24 | | 8/100 | 27/100 | 12/100 | 10/100 | 24/100 |
| 35 | | 0/100 | 0/100 | 0/100 | 0/100 | 0/100 |

# CETIS Analytical Report

| Echinoid Embryo-Larval Development Test | SPAWAR Systems Center |
|---|---|

| **Analysis ID:** | 06-5337-1589 | **Endpoint:** | Proportion Normal | **CETIS Version:** | CETISv1.8.7 |
|---|---|---|---|---|---|
| **Analyzed:** | 22 Feb-16 13:28 | **Analysis:** | Parametric-Control vs Treatments | **Official Results:** | Yes |

| **Batch ID:** | 10-3894-2412 | **Test Type:** | Development-Survival | **Analyst:** | Nicholas Hayman |
|---|---|---|---|---|---|
| **Start Date:** | 02 Feb-16 15:20 | **Protocol:** | EPA/600/R-95/136 (1995) | **Diluent:** | Laboratory Seawater |
| **Ending Date:** | 06 Feb-16 15:10 | **Species:** | Strongylocentrotus purpuratus | **Brine:** | Not Applicable |
| **Duration:** | 96h | **Source:** | Field Collected | **Age:** | |

| **Sample ID:** | 20-8785-0469 | **Code:** | 7C7211E5 | **Client:** | SPAWAR |
|---|---|---|---|---|---|
| **Sample Date:** | 02 Feb-16 | **Material:** | Copper sulfate | **Project:** | DRIFTER EX Pilot Study |
| **Receive Date:** | | **Source:** | Reference Toxicant | | |
| **Sample Age:** | 15h | **Station:** | Reference Toxicant | | |

| Data Transform | Zeta | Alt Hyp | Trials | Seed | PMSD | NOEL | LOEL | TOEL | TU |
|---|---|---|---|---|---|---|---|---|---|
| Angular (Corrected) | NA | C > T | NA | NA | 3.96% | 12 | 17.2 | | 14.37 |

## Dunnett Multiple Comparison Test

| Control | vs | C-µg/L | Test Stat | Critical | MSD | DF | P-Value | P-Type | Decision(α:5%) |
|---|---|---|---|---|---|---|---|---|---|
| Lab Control | | 5.8 | -1.096 | 2.362 | 0.107 | 8 | 0.9873 | CDF | Non-Significant Effect |
| | | 8.4 | -0.4277 | 2.362 | 0.107 | 8 | 0.9294 | CDF | Non-Significant Effect |
| | | 12 | 0.6395 | 2.362 | 0.107 | 8 | 0.5847 | CDF | Non-Significant Effect |
| | | 17.2* | 9.03 | 2.362 | 0.107 | 8 | <0.0001 | CDF | Significant Effect |
| | | 24* | 22.73 | 2.362 | 0.107 | 8 | <0.0001 | CDF | Significant Effect |

## ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(α:5%) |
|---|---|---|---|---|---|---|
| Between | 4.516625 | 0.903325 | 5 | 176.4 | <0.0001 | Significant Effect |
| Error | 0.1229198 | 0.00512166 | 24 | | | |
| Total | 4.639545 | | 29 | | | |

## Distributional Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision(α:1%) |
|---|---|---|---|---|---|
| Variances | Bartlett Equality of Variance | 7.019 | 15.09 | 0.2192 | Equal Variances |
| Distribution | Shapiro-Wilk W Normality | 0.9779 | 0.9031 | 0.7660 | Normal Distribution |

## Proportion Normal Summary

| C-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Median | Min | Max | Std Err | CV% | %Effect |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Lab Control | 5 | 0.98 | 0.9676 | 0.9924 | 0.98 | 0.97 | 0.99 | 0.004472 | 1.02% | 0.0% |
| 5.8 | | 5 | 0.992 | 0.9816 | 1 | 0.99 | 0.98 | 1 | 0.003742 | 0.84% | -1.22% |
| 8.4 | | 5 | 0.984 | 0.9652 | 1 | 0.99 | 0.96 | 1 | 0.006783 | 1.54% | -0.41% |
| 12 | | 5 | 0.968 | 0.9359 | 1 | 0.97 | 0.93 | 1 | 0.01158 | 2.67% | 1.22% |
| 17.2 | | 5 | 0.728 | 0.6549 | 0.8011 | 0.7 | 0.66 | 0.79 | 0.02634 | 8.09% | 25.71% |
| 24 | | 5 | 0.162 | 0.05433 | 0.2697 | 0.12 | 0.08 | 0.27 | 0.03878 | 53.53% | 83.47% |
| 35 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

## Angular (Corrected) Transformed Summary

| C-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Median | Min | Max | Std Err | CV% | %Effect |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Lab Control | 5 | 1.433 | 1.387 | 1.479 | 1.429 | 1.397 | 1.471 | 0.01656 | 2.58% | 0.0% |
| 5.8 | | 5 | 1.482 | 1.434 | 1.531 | 1.471 | 1.429 | 1.521 | 0.01744 | 2.63% | -3.46% |
| 8.4 | | 5 | 1.452 | 1.382 | 1.522 | 1.471 | 1.369 | 1.521 | 0.02527 | 3.89% | -1.35% |
| 12 | | 5 | 1.404 | 1.304 | 1.503 | 1.397 | 1.303 | 1.521 | 0.03585 | 5.71% | 2.02% |
| 17.2 | | 5 | 1.024 | 0.9409 | 1.107 | 0.9912 | 0.9483 | 1.095 | 0.02992 | 6.53% | 28.53% |
| 24 | | 5 | 0.4041 | 0.2586 | 0.5497 | 0.3537 | 0.2868 | 0.5464 | 0.05243 | 29.01% | 71.79% |
| 35 | | 5 | 0.05002 | 0.05001 | 0.05003 | 0.05002 | 0.05002 | 0.05002 | 0 | 0.0% | 96.51% |

# CETIS Analytical Report

| Echinoid Embryo-Larval Development Test | | | | | | SPAWAR Systems Center |
|---|---|---|---|---|---|---|

| **Analysis ID:** | 06-5337-1589 | **Endpoint:** | Proportion Normal | **CETIS Version:** | CETISv1.8.7 |
|---|---|---|---|---|---|
| **Analyzed:** | 22 Feb-16 13:28 | **Analysis:** | Parametric-Control vs Treatments | **Official Results:** | Yes |

## Proportion Normal Detail

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 0.99 | 0.97 | 0.99 | 0.98 | 0.97 |
| 5.8 | | 0.99 | 0.98 | 1 | 0.99 | 1 |
| 8.4 | | 0.99 | 1 | 0.99 | 0.98 | 0.96 |
| 12 | | 0.93 | 0.96 | 0.97 | 0.98 | 1 |
| 17.2 | | 0.66 | 0.79 | 0.7 | 0.7 | 0.79 |
| 24 | | 0.08 | 0.27 | 0.12 | 0.1 | 0.24 |
| 35 | | 0 | 0 | 0 | 0 | 0 |

## Angular (Corrected) Transformed Detail

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 1.471 | 1.397 | 1.471 | 1.429 | 1.397 |
| 5.8 | | 1.471 | 1.429 | 1.521 | 1.471 | 1.521 |
| 8.4 | | 1.471 | 1.521 | 1.471 | 1.429 | 1.369 |
| 12 | | 1.303 | 1.369 | 1.397 | 1.429 | 1.521 |
| 17.2 | | 0.9483 | 1.095 | 0.9912 | 0.9912 | 1.095 |
| 24 | | 0.2868 | 0.5464 | 0.3537 | 0.3218 | 0.512 |
| 35 | | 0.05002 | 0.05002 | 0.05002 | 0.05002 | 0.05002 |

## Proportion Normal Binomials

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 99/100 | 97/100 | 99/100 | 98/100 | 97/100 |
| 5.8 | | 99/100 | 98/100 | 100/100 | 99/100 | 100/100 |
| 8.4 | | 99/100 | 100/100 | 99/100 | 98/100 | 96/100 |
| 12 | | 93/100 | 96/100 | 97/100 | 98/100 | 100/100 |
| 17.2 | | 66/100 | 79/100 | 70/100 | 70/100 | 79/100 |
| 24 | | 8/100 | 27/100 | 12/100 | 10/100 | 24/100 |
| 35 | | 0/100 | 0/100 | 0/100 | 0/100 | 0/100 |

## Graphics

# CETIS Analytical Report

| Echinoid Embryo-Larval Development Test | | SPAWAR Systems Center |
|---|---|---|

| **Analysis ID:** | 20-1910-0006 | **Endpoint:** | Proportion Normal | **CETIS Version:** | CETISv1.8.7 |
|---|---|---|---|---|---|
| **Analyzed:** | 22 Feb-16 13:28 | **Analysis:** | Linear Regression (MLE) | **Official Results:** | Yes |

| **Batch ID:** | 10-3894-2412 | **Test Type:** | Development-Survival | **Analyst:** | Nicholas Hayman |
|---|---|---|---|---|---|
| **Start Date:** | 02 Feb-16 15:20 | **Protocol:** | EPA/600/R-95/136 (1995) | **Diluent:** | Laboratory Seawater |
| **Ending Date:** | 06 Feb-16 15:10 | **Species:** | Strongylocentrotus purpuratus | **Brine:** | Not Applicable |
| **Duration:** | 96h | **Source:** | Field Collected | **Age:** | |

| **Sample ID:** | 20-8785-0469 | **Code:** | 7C7211E5 | **Client:** | SPAWAR |
|---|---|---|---|---|---|
| **Sample Date:** | 02 Feb-16 | **Material:** | Copper sulfate | **Project:** | DRIFTER EX Pilot Study |
| **Receive Date:** | | **Source:** | Reference Toxicant | | |
| **Sample Age:** | 15h | **Station:** | Reference Toxicant | | |

## Linear Regression Options

| Model Function | | Threshold Option | Threshold | Optimized | Pooled | Het Corr | Weighted |
|---|---|---|---|---|---|---|---|
| Log-Normal [NED=A+B*log(X)] | | Control Threshold | 0.02 | Yes | No | Yes | Yes |

## Regression Summary

| Iters | LL | AICc | BIC | Mu | Sigma | Adj R2 | F Stat | Critical | P-Value | Decision(α:5%) |
|---|---|---|---|---|---|---|---|---|---|---|
| 9 | -701.5 | 1410 | 1414 | 1.292 | 0.08912 | 0.977 | 0.9264 | 2.714 | 0.4627 | Non-Significant Lack of Fit |

## Point Estimates

| Level | µg/L | 95% LCL | 95% UCL |
|---|---|---|---|
| EC50 | 19.58 | 19.07 | 20.07 |

## Regression Parameters

| Parameter | Estimate | Std Error | 95% LCL | 95% UCL | t Stat | P-Value | Decision(α:5%) |
|---|---|---|---|---|---|---|---|
| Threshold | 0.01619 | 0.004012 | 0.00802 | 0.02436 | 4.036 | 0.0003 | Significant Parameter |
| Slope | 11.22 | 0.7051 | 9.785 | 12.66 | 15.91 | <0.0001 | Significant Parameter |
| Intercept | -14.49 | 0.9199 | -16.37 | -12.62 | -15.76 | <0.0001 | Significant Parameter |

## ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(α:5%) |
|---|---|---|---|---|---|---|
| Model | 2516.767 | 2516.767 | 1 | 1445 | <0.0001 | Significant |
| Lack of Fit | 6.515582 | 1.628895 | 4 | 0.9264 | 0.4627 | Non-Significant |
| Pure Error | 49.23133 | 1.758262 | 28 | | | |
| Residual | 55.74691 | 1.742091 | 32 | | | |

## Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(α:5%) |
|---|---|---|---|---|---|
| Goodness-of-Fit | Pearson Chi-Sq GOF | 55.75 | 46.19 | 0.0058 | Significant Heterogenity |
| | Likelihood Ratio GOF | 59.41 | 46.19 | 0.0023 | Significant Heterogenity |
| Variances | Mod Levene Equality of Variance | 2.383 | 2.573 | 0.0650 | Equal Variances |
| Distribution | Shapiro-Wilk W Normality | 0.9787 | 0.9384 | 0.7160 | Normal Distribution |
| | Anderson-Darling A2 Normality | 0.4791 | 2.492 | 0.2388 | Normal Distribution |

## Proportion Normal Summary

| | | | | | Calculated Variate(A/B) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C-µg/L | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | %Effect | A | B |
| 0 | Lab Control | 5 | 0.98 | 0.97 | 0.99 | 0.004472 | 0.01 | 1.02% | 0.0% | 490 | 500 |
| 5.8 | | 5 | 0.992 | 0.98 | 1 | 0.003742 | 0.008367 | 0.84% | -1.22% | 496 | 500 |
| 8.4 | | 5 | 0.984 | 0.96 | 1 | 0.006783 | 0.01517 | 1.54% | -0.41% | 492 | 500 |
| 12 | | 5 | 0.968 | 0.93 | 1 | 0.01158 | 0.02588 | 2.67% | 1.22% | 484 | 500 |
| 17.2 | | 5 | 0.728 | 0.66 | 0.79 | 0.02634 | 0.05891 | 8.09% | 25.71% | 364 | 500 |
| 24 | | 5 | 0.162 | 0.08 | 0.27 | 0.03878 | 0.08672 | 53.53% | 83.47% | 81 | 500 |
| 35 | | 5 | 0 | 0 | 0 | 0 | 0 | | 100.0% | 0 | 500 |

| **Echinoid Embryo-Larval Development Test** | | | | | **SPAWAR Systems Center** | |
|---|---|---|---|---|---|---|

| **Analysis ID:** | 20-1910-0006 | **Endpoint:** | Proportion Normal | **CETIS Version:** | CETISv1.8.7 |
|---|---|---|---|---|---|
| **Analyzed:** | 22 Feb-16 13:28 | **Analysis:** | Linear Regression (MLE) | **Official Results:** | Yes |

### Proportion Normal Detail

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 0.99 | 0.97 | 0.99 | 0.98 | 0.97 |
| 5.8 | | 0.99 | 0.98 | 1 | 0.99 | 1 |
| 8.4 | | 0.99 | 1 | 0.99 | 0.98 | 0.96 |
| 12 | | 0.93 | 0.96 | 0.97 | 0.98 | 1 |
| 17.2 | | 0.66 | 0.79 | 0.7 | 0.7 | 0.79 |
| 24 | | 0.08 | 0.27 | 0.12 | 0.1 | 0.24 |
| 35 | | 0 | 0 | 0 | 0 | 0 |

### Proportion Normal Binomials

| C-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|
| 0 | Lab Control | 99/100 | 97/100 | 99/100 | 98/100 | 97/100 |
| 5.8 | | 99/100 | 98/100 | 100/100 | 99/100 | 100/100 |
| 8.4 | | 99/100 | 100/100 | 99/100 | 98/100 | 96/100 |
| 12 | | 93/100 | 96/100 | 97/100 | 98/100 | 100/100 |
| 17.2 | | 66/100 | 79/100 | 70/100 | 70/100 | 79/100 |
| 24 | | 8/100 | 27/100 | 12/100 | 10/100 | 24/100 |
| 35 | | 0/100 | 0/100 | 0/100 | 0/100 | 0/100 |

### Graphics

Log-Normal [NED=A+B*log(X)]

# CuSO$_4$ Reference Toxicant Concentration Calculations

**Feb-16**

**SUBSTOCK CALCULATIONS**

**Cu Stock Date** _10/2015_

**QC:** _ll_

| | | |
|---|---|---|
| Stock | 0.749 g/L | |
| substock | 1 mg/L | 1000 µg/L |

**1PPM**     **1000 µg/L:**          **0.13 mL of 1 g/L stock into 100 mL SIO**

**Echino:**     **1ppm**

Volume / concentration needed=          200 mL

C1V1 = C2V2

      C1        200        1000        V2

      V2 = C1*200/1000

**Conc's (µg/L):**     **Volume (mL) of 1000 µg/L stock into 200 mL FSW:**

| Conc's (µg/L) | Volume (mL) |
|---|---|
| 5.8 | 1.16 |
| 8.4 | 1.68 |
| 12 | 2.40 |
| 17.2 | 3.44 |
| 24 | 4.80 |
| 35 | 7.00 |

20.48 mL of stock needed

# Embryo Larval Bioassay

# 96-Hour Development

**Project:** SERDP/ Drifter

**Sample ID:** Cu Ref tox

**Test No.:** SSC-2016.002

**Test Species:** *S. purpuratus*

**Start Date:** 2/1/2016

**End Date:** 2/5/2016

| Random # | Number Counted | Number Normal | Technician Initials |
|---|---|---|---|
| 184 | 100 | 99 | |
| 185 | 100 | 5 | |
| 186 | 100 | 0 | |
| 187 | 100 | 98 | |
| 188 | 100 | 99 | |
| 189 | 100 | 24 | |
| 190 | 100 | 99 | |
| 191 | 100 | 10 | |
| 192 | 100 | 8 Mtt 70 | |
| 193 | 100 | 98 | |
| 194 | 100 | 99 | |
| 195 | 100 | 98 | |
| 196 | 100 | 100 | |
| 197 | 100 | 66 | |
| 198 | 100 | 97 | |
| 199 | 100 | 96 | |
| 200 | 100 | 96 | |
| 201 | 100 | 99 | |
| 202 | 100 | 27 | |
| 203 | 100 | 79 | |
| 204 | 100 | 99 | |
| 205 | 100 | 0 | |
| 206 | 100 | 93 | |
| 207 | 100 | 0 | |
| 208 | 100 | 8 | |
| 209 | 100 | 100 | |
| 210 | 100 | 79 | |
| 211 | 100 | 98 | |
| 212 | 100 | 99 | |
| 213 | 100 | 12 | |
| 214 | 100 | 97 | |
| 215 | 100 | 8 | |
| 216 | 100 | 100 | |
| 217 | 100 | 100 | |
| *218 | 100 | 83 70 wtth | |

**QC Check:** JM 2/10/16

**Final Review:** 2/10/16

*SPAWAR Systems Center Pacific Bioassay Lab, 53475 Strothe Rd, Bldg 111 Rm 116, San Diego, CA 92152*

## Drifter Toxicity Testing February 2016
## Echinoderm Development Tests
## Test Initiation Date: 2/2/2016
## Copper Reference Toxicant

| Copper Concentration (µg/L) | Rand# |
|---|---|
| ✓ Lab Control | 204 |
| | 188 |
| | 184 |
| | 187 |
| | 214 |
| ✓ 5.8 | 212 |
| | 193 |
| | 209 |
| | 194 |
| | 216 |
| ✓ 8.4 | 190 |
| | 196 |
| | 201 |
| | 195 |
| | 199 |
| ✓ 12 | 206 |
| | 200 |
| | 198 |
| | 211 |
| | 217 |
| ✓ 17.2 | 197 |
| | 203 |
| | 218 |
| | 192 |
| | 210 |
| ✓ 24 | 215 |
| | 202 |
| | 213 |
| | 191 |
| | 189 |
| ✓ 35 | 185 |
| | 205 |
| | 207 |
| | 208 |
| | 186 |

QC Check: _____

# Marine Chronic Bioassay

## Water Quality Measurements

Project: Drifter/SERDP Recontamination
Sample ID: Copper Sulfate Reference Toxicant
Test No.: SSC-2016-002

Test Species: _S. purpuratus_
Start Date/Time: 2/2/16 1520
End Date/Time: 2/6/16 1910

| Concentration CuSO$_4$ (µg/L) | Salinity (ppt) | | | | | Temperature (°C) | | | | | Dissolved Oxygen (mg/L) | | | | | pH (pH units) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 | 0 | 24 | 48 | 72 | 96 |
| Lab Control | 33.7 | 33.9 | 34.0 | 33.4 | 33.0 | 15.0 | 15.9 | 14.0 | 14.2 | 15.1 | 8.2 | 8.0 | 8.1 | 8.0 | 8.0 | 7.90 | 7.94 | 8.11 | 8.00 | 7.80 |
| 5.8 | 33.7 | 33.9 | 34.1 | 33.6 | 33.5 | 15.0 | 15.7 | 14.0 | 14.4 | 14.5 | 8.2 | 7.9 | 8.2 | 8.1 | 8.0 | 7.90 | 7.90 | 8.16 | 7.98 | 8.00 |
| 8.4 | 33.7 | 33.9 | 34.0 | 33.5 | 33.3 | 15.0 | 15.7 | 14.0 | 14.0 | 14.2 | 8.2 | 7.9 | 8.2 | 7.9 | 8.0 | 7.90 | 7.90 | 8.02 | 8.00 | 8.01 |
| 12 | 33.7 | 33.9 | 34.2 | 34.0 | 34.2 | 15.0 | 15.6 | 14.0 | 14.0 | 14.5 | 8.2 | 7.9 | 8.2 | 8.1 | 8.1 | 7.90 | 7.90 | 8.21 | 8.01 | 8.02 |
| 17.2 | 33.7 | 33.7 | 34.1 | 33.7 | 34.5 | 15.0 | 15.6 | 14.0 | 14.0 | 14.5 | 8.2 | 7.9 | 8.2 | 8.0 | 8.0 | 7.90 | 7.90 | 8.03 | 8.01 | 8.03 |
| 24 | 33.7 | 33.9 | 34.0 | 34.0 | 34.0 | 15.0 | 15.7 | 14.1 | 14.2 | 14.5 | 8.2 | 7.9 | 8.2 | 8.1 | 8.0 | 7.90 | 7.91 | 8.03 | 7.97 | 7.99 |
| 35 | 33.7 | 33.7 | 34.2 | 34.1 | 34.3 | 15.0 | 15.0 | 14.2 | 14.1 | 14.5 | 8.2 | 7.9 | 8.2 | 8.1 | 8.1 | 7.90 | 7.80 | 8.02 | 7.99 | 8.04 |

|  | 0 | 24 | 48 | 72 | 96 |
|---|---|---|---|---|---|
| Technician Initials: |  |  |  |  |  |
| WQ Readings: | MC | MC | MA | JM | JM |
| Dilutions made by: | MC |  |  |  |  |

Animal Source/Date Received:          Field Collected 1/28/2016

Comments:
- 0 hrs:
- 24 hrs:
- 48 hrs:
- 72 hrs:

QC Check: MA 2/9/16

Final Review: JM 6/6/2016

**Embryo-Larval Development Test – SPAWNING CHECKLIST & CALCULATIONS**

Batch ID: 012816 SP

Analyst: JMD

Spawn/Test Date: 2/2/2016

Test Species: S. purpuratus

| Task | Time |
|------|------|
| Spawning Inducement Initiated | 12:30 |
| Spawning Begins | 12:40 |
| Females/Males Isolated in Incubator | 1305 |
| Fertilization Initiated | 1310 |
| Fertilzation Terminated/eggs rinsed | 1330 |
| Embryo Counts | 1420 |
| Embryo addition to vials | 1520 |

Embryo Counts:

Embryo Stock #1: 42 , 22 , 31 Mean = 31 / 20 uL * 1000 uL/mL = 1583 cells/mL

Embryo Stock #2: 31 , 25 , 28 Mean = 28 / 20 uL * 1000 uL/mL = 1400 cells/mL

Embryo Stock #3: _____ , _____ , _____ Mean = _____ / _____ uL * 1000 uL/mL = _____ cells/mL

Adjust selected embryo stock to 2000 embryos/ml.  Confirm density:

Selected Stock : _____ , _____ , _____ Mean = _____ / _____ uL * 1000 uL/mL = _____ cells/mL

Add 100 µl of 2000 embryo/ml stock to obtain 20 embryos/ml in test vials.

Notes:

Add 150 ul of Stock #1 for final density of ~237 cell/vial.

Selected Stock #1

**Appendix C**

**Sample Information**

# SAMPLE COLLECTION AND ARRIVAL LOG

| Project | Sample ID | Sample ID # (2015-XXXX) | Sampling | | | Receipt at Lab | | Matrix | Water Quality on Arrival | | | | Received By |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Date | Time | Temp (°C) | Date | Time | | pH (units) | D.O. (mg/L) | Temp. (°C) | Salinity (ppt) | |
| DRIFR | D106 | 2016-17 | 1/31/16 | 1530 | MAT/NR | 2/1/16 | 1230 | Seawater | 7.54 | 6.2 | 7.4 | 23.5 | MT |
| | D107 | 2016-18 | | | | | | Water | 7.56 | 7.7 | 8.1 | 21.3 | MT |
| | D108 | 2016-19 | | | | | | | 7.77 | 7.8 | 7.8 | 21.6 | MT |
| | D109 | 2016-20 | | | | | | | 7.40 | 6.6 | 7.8 | 18.6 | MT |
| | D110 | 2016-21 | | | | | | | 7.73 | 7.6 | 9.3 | 24.4 | MT |
| | B111 | 2016-22 | | | | | | | 7.62 | 7.8 | 10.7 | 19.8 | MT |
| | D112 | 2016-23 | | | | | | | 7.72 | 8.1 | 11.4 | 25.4 | MT |
| | D113 | 2016-24 | | | | | | | 7.50 | 8.2 | 11.5 | 25.5 | MT |
| | D114 | 2016-25 | | | | | | | 7.75 | 8.1 | 11.3 | 26.5 | MT |
| | D115 | 2016-26 | | | | | | | 7.35 | 8.2 | 11.8 | 27.1 | MT |
| SERDP | Re Storm Amb | 2016-27 | 1/31/16 | 0730 | | | 0200 | Water | 8-157 | 8.7 | 11.8 | 32.8 | MT |
| | AMB1 | 2016-28 | | 0900 | | | | | 7.87 | 7.3 | 7.3 | 24.7 | MT |
| | AMB2 | 2016-29 | | 1500 | | | 1100 | | 7.93 | 7.8 | 11.8 | 21.1 | MT |
| | C1 | 2016-36 | 2/1/16 | 0905 | | | | | 7.25 | 7.1 | 18.7 | 0.978 | MT |
| | C2 | 2016-31 | 2/1/16 | 0735 | | | | | 6.96 | 7.1 | 18.3 | 0.1 | MT |
| | O1 | 2016-32 | 2/1/16 | 0855 | | | | | 7.63 | 7.8 | 18.5 | 0.1 | MT |
| | O2 | 2016-33 | 2/1/16 | 0925 | | | | | 7.10 | 7.8 | 18.3 | 15.0 | MT |
| | O3 NOT COLLECTED | | | | | | | | | | | | |
| | O4 | 2016-34 | 2/1/16 | 0920 | | | | | 7.53 | 7.1 | 17.3 | 16.8 | MT |

Comments _____

# SAMPLE COLLECTION AND ARRIVAL LOG

| Project | Sample ID | Sample ID # 2015-XXXX | Sampling Date | Sampling Time | Sampling Temp. (°C) | Receipt at Lab Date | Receipt at Lab Time | Matrix | pH (units) | D.O. (mg/L) | Temp. (°C) | Salinity (ppt) | Received By |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ESTP Drifter | Drifter 106 | 001 | 01/04/16 | | NZ | 01/07/16 | 0900 | SW | 8.11 | 7.2 | 10.5 | 28.7 | MC/MH |
| | 107 | 002 | | | | | | | 7.28 | 7.2 | 9.7 | 29.5 | |
| | 108 | 003 | | | | | | | 7.84 | 7.0 | 9.9 | 25.8 | |
| | 110 | 004 | | | | | | | 7.42 | 6.7 | 9.9 | 23.5 | |
| | 111 | 005 | | | | | | | 7.35 | 6.6 | 9.3 | 29.5 | |
| | 112 | 006 | | | | | | | 7.63 | 6.4 | 9.4 | 27.3 | |
| | 114 | 007 | | ↓ | | 2 | ↓ | ↓ | 7.07 | 7.0 | 9.5 | 23.0 | ? |
| SEGP Ambient | Ambient A10-C | 008 | 01/05/16 | 1327 | NZ | 01/07/16 | 0900 | SW | 7.52 | 7.0 | 10.4 | 3.32 | MC |
| | A2W-C | 009 | 01/05/16 | 1947 | | ↓ | ↓ | | 7.60 | 7.6 | 10.1 | 2.59 | MC |
| | A3W-C | 010 | 01/06/16 | 0333 | ↓ | | | SW | 7.63 | 7.1 | 10.0 | 4.98 | MC |
| | A4W-C | 011 | 01/06/16 | 1104 | 2R | 01/07/16 | 0900 | SW | 7.69 | 7.5 | 10.1 | 0.25 | MC |
| | O2W-C | 012 | 01/07/16 | 0845 | 2R | 01/07/16 | 1030 | SW | 7.94 | 7.3 | 14.3 | 3.83 | MC |
| | O1W-C | 013 | 01/07/16 | 0830 | 2R | 01/07/16 | 1030 | SW | 7.72 | 7.6 | 14.4 | 4.49 | MC |
| | O2W-C | 014 | 01/07/16 | 1110 | 2R | 01/07/16 | 1330 | SW | 8.01 | 7.7 | 8.2 | 0.07 | PMC |
| | O1W-C | 015 | 01/07/16 | 0942 | 2R | 01/07/16 | 1330 | SW | 7.59 | 7.9 | 10.3 | 2.63 | MC |
| | O3W-C | 016 | 01/07/16 | 1150 | 2R | 01/07/16 | 1330 | SW | 7.73 | 6.4 | 10.3 | 6.63 | MC |

Comments _____

**Appendix D**

**Chain-of-Custody Forms**

# Chain of Custody Record

**SPAWAR SYSTEMS CENTER PACIFIC**
ADVANCED SYSTEMS & APPLIED SCIENCES DIVISION
ENERGY AND ENVIRONMENTAL SUSTAINABILITY
BRANCH, CODE 7176
53475 STROTHE ROAD
SAN DIEGO, CA 92152-5000

Systems Center PACIFIC

| Project Title/Project Number: | ESTCP Drifting Exposure (DrEx) System DemVal | Project PI: | Dr. D. Bart Chadwick |
|---|---|---|---|

**Remarks**

Contact: Joel Guerrero

Sampler(s): (Signature)  Joel Guerrero (Code 7176)

Contact Tel: (619) 850-2109

Tel: 619-553-6305    Fax: 619-553-4169    Email: joel.guerrero@navy.mil

**Special Instructions/Comments:**
Water samples; kept dark & cold (4 °C)

Analyses

| Field Sample Identification | Start-End Dates | Start-End Times | Matrix | Type | Pres. | Toxicity [Gunther/Molly] |
|---|---|---|---|---|---|---|
| DrEx-106-Comp-PC1-010516 | 5-6 Jan. 2016 | 1405 - 0230 | Water | Comp | none | X |
| DrEx-107-Comp-PC1-010516 | 5-6 Jan. 2016 | 1334 - 0134 | Water | Comp | none | X |
| DrEx-108-Comp-PC1-010516 | 5-6 Jan. 2016 | 1356 - 0300 | Water | Comp | none | X |
| DrEx-110-Comp-PC1-010516 | 5-6 Jan. 2016 | 1343 - 0316 | Water | Comp | none | X |
| DrEx-111-Comp-PC1-010516 | 5-6 Jan. 2016 | 1411 - 0235 | Water | Comp | none | X |
| DrEx-112-Comp-PC1-010516 | 5-6 Jan. 2016 | 1350 - 0204 | Water | Comp | none | X |
| DrEx-114-Comp-PC1-010516 | 5-6 Jan. 2016 | 1401 - 0250 | Water | Comp | none | X |
| | | | | | TOTAL | 7 |

Relinquished by: Joel Guerrero    (Signature)    Date: 1/7/2016    Time: 1030

Received by:    (Signature)    Date: 1/7/16    Time: 1030

# Chain of Custody Record

**SPAWAR SYSTEMS CENTER PACIFIC**
**ADVANCED SYSTEMS & APPLIED SCIENCES DIVISION**
**ENERGY AND ENVIRONMENTAL SUSTAINABILITY**
BRANCH, CODE 7176
53475 STROTHE ROAD
SAN DIEGO, CA 92152-5000

Systems Center
PACIFIC

| Project Title/Project Number: | ESTCP Drifting Exposure (DrEx) System DemVal | | | | | | Project PI: | Dr. D. Bart Chadwick |
|---|---|---|---|---|---|---|---|---|
| Remarks | | | | | | | Contact: | Ernie Arias |
| Sampler(s): (Signature) | Ernie Arias (Code 7175) | | | | | | Contact Tel: | (619) 553-3579 |
| Tel: 619-553-3579 | Fax: 619-553-6305 | | | Email: ernie.arias@navy.mil | | | | |

Special Instructions/Comments: DrEx 109; INSUFFICIENT SAMPLE VOLUME
Water samples; kept dark & cold (4 °C)     Rec'd 2/1/16

|  |  |  |  |  | Analyses | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Field Sample Identification | Start-End Dates | Start-End Times | Matrix | Type | Pres. | Toxicity [Gunther/Molly] | | | |
| DrEx-106-Comp-PC2-013116 | 31 Jan - 1 Feb | | Water | Comp | none | X | | | |
| DrEx-107-Comp-PC2-013116 | 31 Jan - 1 Feb | | Water | Comp | none | X | | | |
| DrEx-108-Comp-PC2-013116 | 31 Jan - 1 Feb | | Water | Comp | none | X | | | |
| ~~DrEx-109-Comp-PC2-013116~~ | ~~31 Jan - 1 Feb~~ | | ~~Water~~ | ~~Comp~~ | ~~none~~ | ~~X~~ | | | |
| DrEx-110-Comp-PC2-013116 | 31 Jan - 1 Feb | | Water | Comp | none | X | | | |
| DrEx-111-Comp-PC2-013116 | 31 Jan - 1 Feb | | Water | Comp | none | X | | | |
| DrEx-112-Comp-PC2-013116 | 31 Jan - 1 Feb | | Water | Comp | none | X | | | |
| DrEx-113-Comp-PC2-013116 | 31 Jan - 1 Feb | | Water | Comp | none | X | | | |
| DrEx-114-Comp-PC2-013116 | 31 Jan - 1 Feb | | Water | Comp | none | X | | | |
| DrEx-115-Comp-PC2-013116 | 31 Jan - 1 Feb | | Water | Comp | none | X | | | |
| | | | | | | | | | |
| | | | | | TOTAL | 10 | | | |

| Relinquished by: | | (Signature) | | Date: | Time: |
|---|---|---|---|---|---|
| Ernie Arias | | | | 2/1/2016 | 1030 |
| Received by: | | (Signature) | | Date: | Time: |
| Jacob Munson | | | | 2/1/2016 | 1300 |

**Appendix E**

**Glossary of Qualifier Codes**

## Glossary of Qualifier Codes:

Q1 – pH out of recommended range; refer to CAR

Q2 – Temperatures out of recommended range; corrective action taken and recorded in Test Temperature Correction Log

Q3 – Temperatures out of recommended range; no action taken, test terminated same day

Q4 – Sample aerated prior to initiation or renewal

Q5 – Salinity out of recommended range; refer to QA section of report

Q6 – Spilled test chamber/ Lost test animal

Q7– Instrumentation Error/Failure; refer to CAR

Q8 – Inadequate sample volume, 50% renewal performed

Q9 – Inadequate sample volume, no renewal performed

Q10 – Sample out of holding time; refer to QA section of report

Q11 – Refer to QA section of report for explanation

Q12 – Supplemental information is footnoted

Q13 – Test initiated with an incorrect number of test organisms

Q14 – Replicate(s) not initiated

Q15 – Survival counts not recorded due to poor visibility or heavy debris

Q16 – Test aerated due to dissolved oxygen levels dropping below 4.0 mg/L

Q17 – Test initiated with aeration due to an anticipated drop in dissolved oxygen

Q18 – Airline obstructed or fell out of replicate and replaced, drop in dissolved oxygen occurred

Q19 – Animals out of appropriate age range at test initiation

Q20 – Readings not taken, tech error

Q21 – Organisms in replicate not counted, tech error

Q22 – Dissolved oxygen above recommended range, but remained within the 100% ±10% saturation requirement

**Appendix B7: GPS Validation Data**

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 106 | 2.2 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:09:29pm | New | Point_ge |
| drift 106 | 2.6 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:30:24pm | New | Point_ge |
| drift 106 | 5.5 | 3.5 | Postprocessed Code | GeoXH 6000 (cm) | 1/5/2016 | 06:38:23pm | New | Point_ge |
| drift 106 | 2.1 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 10:10:13pm | New | Point_ge |
| drift 106 | 2.1 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 11:17:49pm | New | Point_ge |
| drift 106 | 3.9 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/6/2016 | 01:08:01am | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude | Point_ID |
|---|---|---|---|---|---|---|---|---|---|---|
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.214 | 0.065 | 0.038 | 0.303237 | 32.673883089 | -117.116003037 | 10 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.387 | 0.071 | 0.039 | 0.298374 | 32.672719855 | -117.117114064 | 20 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.893 | 1.107 | 0.334 | 0.125753 | 32.670072680 | -117.123042843 | 34 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.688 | 0.079 | 0.038 | 0.076306 | 32.668195381 | -117.122104577 | 54 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.672 | 0.059 | 0.037 | 0.181563 | 32.667786477 | -117.122149427 | 60 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.240 | 0.100 | 0.039 | 0.101261 | 32.668004793 | -117.120026133 | 66 |

| Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|
| 1/5/2016 15:09:29 | 32.67391333 | -117.1160133 | 3.49032403 |
| 1/5/2016 15:30:24 | 32.67272667 | -117.1171333 | 1.958888666 |
| 1/5/2016 18:38:23 | 32.67007333 | -117.1230533 | 0.986609741 |
| 1/5/2016 22:10:13 | 32.66821 | -117.1221333 | 3.146957333 |
| 1/5/2016 23:17:49 | 32.66780333 | -117.1221867 | 3.961676889 |
| 1/6/2016 01:08:01 | 32.668 | -117.1200667 | 3.83885141 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 107 | 1.8 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 02:53:11pm | New | Point_ge |
| drift 107 | 2.7 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:21:30pm | New | Point_ge |
| drift 107 | 2.0 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 04:47:27pm | New | Point_ge |
| drift 107 | 5.6 | 3.5 | Postprocessed Carrier Float | GeoXH 6000 (cm) | 1/5/2016 | 06:47:27pm | New | Point_ge |
| drift 107 | 1.8 | 0.9 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 09:56:46pm | New | Point_ge |
| drift 107 | 3.5 | 1.4 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/6/2016 | 01:09:25am | New | Point_ge |
| drift 107 | 3.0 | 1.6 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 11:11:10pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.191 | 0.058 | 0.038 | 0.191652 | 32.6736961440 | -117.1160304080 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.339 | 0.063 | 0.035 | 0.159475 | 32.6725142060 | -117.1173371330 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.791 | 0.137 | 0.070 | | 32.6702399990 | -117.1209610060 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 1.536 | 1.050 | 0.732 | 0.329478 | 32.6703766700 | -117.1239668370 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.766 | 0.066 | 0.034 | 0.256916 | 32.6672255180 | -117.1211136350 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.399 | 0.099 | 0.038 | 0.068234 | 32.6679199410 | -117.1205251290 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.646 | 0.067 | 0.037 | 0.229810 | 32.6683187270 | -117.1198370160 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 3 | 1/5/2016 13:53:11 | 32.67372333 | -117.1160533 | 3.703451433 |
| 13 | 1/5/2016 14:21:30 | 32.67255333 | -117.1173467 | 4.430350189 |
| 32 | 1/5/2016 15:47:27 | 32.67025 | -117.1209467 | 1.743280405 |
| 41 | 1/5/2016 17:47:27 | 32.67041 | -117.1239467 | 4.152289864 |
| 52 | 1/5/2016 20:56:46 | 32.66722 | -117.12112 | 0.854919754 |
| 67 | 1/6/2016 00:09:25 | 32.66794 | -117.1205467 | 3.004899206 |
| 56 | 1/5/2016 22:11:10 | 32.6683 | -117.1198667 | 3.470965492 |

| Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name | Datafile | Unfilt_Pos | Filt_Pos |
|---|---|---|---|---|---|---|---|---|
| Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:02:41pm | New | Point_ge | DRIFT 3.cor | 9 | 9 |
| Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:26:09pm | New | Point_ge | DRIFT 3.cor | 5 | 5 |
| Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 04:26:15pm | New | Point_ge | DRIFT 3.cor | 6 | 6 |
| Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 06:45:37pm | New | Point_ge | DRIFT 3.cor | 6 | 6 |
| Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 09:45:51pm | New | Point_ge | DRIFT 3.cor | 6 | 6 |
| Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 11:37:16pm | New | Point_ge | DRIFT 3.cor | 6 | 6 |
| Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/6/2016 | 01:53:18am | New | Point_ge | DRIFT 3.cor | 6 | 6 |

| Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude | Point_ID | Date-Time | Drifter Lat |
|---|---|---|---|---|---|---|---|---|---|
| SPAWAR Mapping | 0.145 | 0.102 | 0.063 | 0.309201 | 32.67372261 | -117.11606984 | 8 | 1/5/2016 15:02:41 | 32.67375333 |
| SPAWAR Mapping | 0.357 | 0.072 | 0.040 | 0.079097 | 32.67266758 | -117.11728736 | 16 | 1/5/2016 15:26:09 | 32.67264 |
| SPAWAR Mapping | 0.581 | 0.104 | 0.064 | 0.255200 | 32.67111367 | -117.11993270 | 23 | 1/5/2016 16:26:15 | 32.67111333 |
| SPAWAR Mapping | 1.122 | 0.074 | 0.043 | 0.269518 | 32.67059396 | -117.12393006 | 39 | 1/5/2016 18:45:37 | 32.67059 |
| SPAWAR Mapping | 1.103 | 0.068 | 0.034 | 0.113832 | 32.67156853 | -117.11919986 | 45 | 1/5/2016 21:45:51 | 32.67160667 |
| SPAWAR Mapping | 0.789 | 0.065 | 0.048 | 0.405580 | 32.67261017 | -117.11658371 | 64 | 1/5/2016 23:37:16 | 32.67265333 |
| SPAWAR Mapping | 0.371 | 0.081 | 0.034 | 0.086670 | 32.67286659 | -117.11644421 | 73 | 1/6/2016 01:53:18 | 32.6729 |

| Drifter Long | Delta |
|---|---|
| -117.1160933 | 4.057646066 |
| -117.11732 | 4.327162845 |
| -117.11992 | 1.192162434 |
| -117.1239467 | 1.618264404 |
| -117.1192 | 4.229214629 |
| -117.1165733 | 4.884754206 |
| -117.1164533 | 3.803283299 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 110 | 2.2 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 02:56:55pm | New | Point_ge |
| drift 110 | 2.7 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:24:33pm | New | Point_ge |
| drift 110 | 5.3 | 2.5 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 04:37:34pm | New | Point_ge |
| drift 110 | 3.4 | 2.6 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 06:46:44pm | New | Point_ge |
| drift 110 | 1.9 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 09:56:13pm | New | Point_ge |
| drift 110 | 1.9 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 11:44:39pm | New | Point_ge |
| drift 110 | 4.2 | 2.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/6/2016 | 01:52:35am | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.225 | 0.064 | 0.039 | 0.251701 | 32.673614471 | -117.116093031 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.332 | 0.061 | 0.033 | 0.101390 | 32.672480172 | -117.117305786 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.488 | 0.160 | 0.084 | 0.126392 | 32.670530152 | -117.120433252 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 1.010 | 0.062 | 0.038 | 0.250539 | 32.670475790 | -117.123881766 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 1.039 | 0.060 | 0.031 | 0.128568 | 32.671215015 | -117.119360835 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.695 | 0.058 | 0.042 | 0.210502 | 32.672444706 | -117.117572187 |
| DRIFT 3.cor | 7 | 7 | SPAWAR Mapping | 0.332 | 0.086 | 0.037 | 0.255802 | 32.673294609 | -117.116304085 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 6 | 1/5/2016 14:56:55 | 32.67362333 | -117.11613333 | 3.905850684 |
| 15 | 1/5/2016 15:24:33 | 32.67250000 | -117.11733333 | 3.392823996 |
| 25 | 1/5/2016 16:37:34 | 32.67051333 | -117.12048000 | 4.7649646 |
| 40 | 1/5/2016 18:46:44 | 32.67050333 | -117.12384000 | 4.967553578 |
| 47 | 1/5/2016 21:56:13 | 32.67121333 | -117.11938667 | 2.430060132 |
| 63 | 1/5/2016 23:44:39 | 32.67240000 | -117.11760000 | 5.602286884 |
| 72 | 1/6/2016 01:52:35 | 32.67329000 | -117.11632000 | 1.577838079 |

| Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name | Datafile |
|---|---|---|---|---|---|---|---|---|
| 3.5 | 1.7 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:14:40pm | New | Point_ge | DRIFT 3.cor |
| 3.5 | 1.6 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:32:32pm | New | Point_ge | DRIFT 3.cor |
| 2.5 | 1.4 | Postprocessed Carrier Float | GeoXH 6000 (cm) | 1/5/2016 | 04:44:20pm | New | Point_ge | DRIFT 3.cor |
| 3.0 | 1.4 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 05:18:01pm | New | Point_ge | DRIFT 3.cor |
| 3.3 | 2.5 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 06:52:15pm | New | Point_ge | DRIFT 3.cor |
| 2.1 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 10:08:31pm | New | Point_ge | DRIFT 3.cor |
| 2.2 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 11:12:43pm | New | Point_ge | DRIFT 3.cor |
| 3.3 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/6/2016 | 01:11:54am | New | Point_ge | DRIFT 3.cor |

| Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude | Point_ID |
|---|---|---|---|---|---|---|---|---|---|
| 6 | 6 | SPAWAR Mapping | 0.099 | 0.072 | 0.038 | 0.281559 | 32.673957314 | -117.115955648 | 11 |
| 6 | 6 | SPAWAR Mapping | 0.373 | 0.075 | 0.043 | 0.205788 | 32.672882969 | -117.116779319 | 21 |
| 6 | 6 | SPAWAR Mapping | 0.726 | 0.177 | 0.091 | 0.119079 | 32.670667911 | -117.120232978 | 30 |
| 6 | 6 | SPAWAR Mapping | 0.821 | 0.077 | 0.038 | 0.189279 | 32.670400794 | -117.121265759 | 33 |
| 6 | 6 | SPAWAR Mapping | 1.026 | 0.124 | 0.084 | 0.291662 | 32.669484731 | -117.124039260 | 43 |
| 6 | 6 | SPAWAR Mapping | 0.716 | 0.068 | 0.035 | 0.095070 | 32.667967492 | -117.122253887 | 53 |
| 6 | 6 | SPAWAR Mapping | 0.707 | 0.061 | 0.037 | 0.171880 | 32.667775102 | -117.120291032 | 57 |
| 10 | 10 | SPAWAR Mapping | 0.671 | 0.094 | 0.037 | 0.343075 | 32.667976030 | -117.120414971 | 69 |

| Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|
| 1/5/2016 15:14:40 | 32.67395333 | -117.116 | 4.183373928 |
| 1/5/2016 15:32:32 | 32.67290333 | -117.1168 | 2.977084047 |
| 1/5/2016 16:44:20 | 32.67063667 | -117.1202667 | 4.689405618 |
| 1/5/2016 17:18:01 | 32.67041333 | -117.1212267 | 3.921520721 |
| 1/5/2016 18:52:15 | 32.66948 | -117.1240533 | 1.420460868 |
| 1/5/2016 22:08:31 | 32.66799667 | -117.1222267 | 4.121475316 |
| 1/5/2016 23:12:43 | 32.66776 | -117.1203467 | 5.480453392 |
| 1/6/2016 01:11:54 | 32.66799333 | -117.1204133 | 1.925054418 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 112 | 1.9 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:00:05pm | New | Point_ge |
| drift 112 | 2.7 | 1.4 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:29:08pm | New | Point_ge |
| drift 112 | 2.1 | 1.1 | Postprocessed Carrier Float | GeoXH 6000 (cm) | 1/5/2016 | 04:38:53pm | New | Point_ge |
| drift 112 | 2.6 | 1.8 | Postprocessed Code | GeoXH 6000 (cm) | 1/5/2016 | 06:49:53pm | New | Point_ge |
| drift 112 | 1.8 | 0.9 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 09:56:39pm | New | Point_ge |
| drift 112 | 2.2 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 11:10:55pm | New | Point_ge |
| drift 112 | 3.7 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/6/2016 | 01:13:17am | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude | Point_ID |
|---|---|---|---|---|---|---|---|---|---|---|
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.150 | 0.059 | 0.036 | 0.123182 | 32.673717845 | -117.116019236 | 7 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.415 | 0.062 | 0.034 | 0.128516 | 32.672532328 | -117.117190428 | 18 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.541 | 0.212 | 0.095 | 0.209346 | 32.670463841 | -117.120446448 | 27 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 1.523 | 1.010 | 0.886 | 0.273783 | 32.670218790 | -117.123948494 | 42 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.740 | 0.066 | 0.034 | 0.182258 | 32.667205830 | -117.120945431 | 51 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.575 | 0.064 | 0.037 | 0.182378 | 32.667788418 | -117.119644783 | 55 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.312 | 0.094 | 0.036 | 0.191623 | 32.668097126 | -117.120690785 | 70 |

| Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|
| 1/5/2016 15:00:05 | 32.67372333 | -117.1160267 | 0.925316463 |
| 1/5/2016 15:29:08 | 32.67258 | -117.11724 | 7.040517464 |
| 1/5/2016 16:38:53 | 32.67048 | -117.1204533 | 1.904830432 |
| 1/5/2016 18:49:53 | 32.6702 | -117.1239867 | 4.1426553 |
| 1/5/2016 21:56:39 | 32.66719 | -117.1209333 | 2.090317845 |
| 1/5/2016 23:10:55 | 32.66778 | -117.11968 | 3.432579732 |
| 1/6/2016 01:13:17 | 32.66812333 | -117.1206933 | 2.916170047 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 113 | 1.8 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 02:56:25pm | New | Point_ge |
| drift 113 | 2.7 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:27:03pm | New | Point_ge |
| drift 113 | 2.0 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 04:48:25pm | New | Point_ge |
| drift 113 | 5.5 | 3.2 | Postprocessed Carrier Float | GeoXH 6000 (cm) | 1/5/2016 | 04:53:37pm | New | Point_ge |
| drift 113 | 3.1 | 1.9 | Postprocessed Carrier Float | GeoXH 6000 (cm) | 1/5/2016 | 06:40:39pm | New | Point_ge |
| drift 113 | 2.7 | 1.5 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 10:12:51pm | New | Point_ge |
| drift 113 | 2.4 | 1.4 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 11:30:44pm | New | Point_ge |
| drift 113 | 3.8 | 1.5 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/6/2016 | 01:07:07am | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude | Point_ID |
|----------|-----------|----------|------------|------------|-----------|-----------|---------|----------|-----------|----------|
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.022 | 0.058 | 0.038 | 0.084970 | 32.67366224 | -117.11609750 | 4 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.201 | 0.065 | 0.036 | 0.233319 | 32.67251825 | -117.11741174 | 14 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.565 | 0.086 | 0.047 | 0.133494 | 32.67050972 | -117.12018762 | 29 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.454 | 0.385 | 0.206 | 0.140227 | 32.67040518 | -117.12019361 | 31 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.967 | 0.144 | 0.068 | 0.154038 | 32.67085187 | -117.12301420 | 35 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.968 | 0.059 | 0.031 | 0.198823 | 32.67210167 | -117.12084307 | 48 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.844 | 0.061 | 0.042 | 0.086006 | 32.67287146 | -117.12131517 | 61 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.350 | 0.103 | 0.042 | 0.099640 | 32.67184133 | -117.12253762 | 65 |

| Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|
| 1/5/2016 14:56:25 | 32.67366667 | -117.1161333 | 3.396804181 |
| 1/5/2016 15:27:03 | 32.67251 | -117.1174533 | 4.007451849 |
| 1/5/2016 16:48:25 | 32.67051667 | -117.1202 | 1.393592957 |
| 1/5/2016 16:53:37 | 32.67044 | -117.1202667 | 7.865702872 |
| 1/5/2016 18:40:39 | 32.67085333 | -117.123 | 1.341293555 |
| 1/5/2016 22:12:51 | 32.67208 | -117.1208133 | 3.681456729 |
| 1/5/2016 23:30:44 | 32.67286 | -117.12132 | 1.349146967 |
| 1/6/2016 01:07:07 | 32.67187667 | -117.1225067 | 4.876917006 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 114 | 1.9 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:04:54pm | New | Point_ge |
| drift 114 | 2.6 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:29:11pm | New | Point_ge |
| drift 114 | 2.1 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 04:38:50pm | New | Point_ge |
| drift 114 | 2.8 | 1.9 | Postprocessed Code | GeoXH 6000 (cm) | 1/5/2016 | 06:43:57pm | New | Point_ge |
| drift 114 | 1.9 | 0.9 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 09:58:38pm | New | Point_ge |
| drift 114 | 1.9 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 11:38:56pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude | Point_ID |
|---|---|---|---|---|---|---|---|---|---|---|
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.322 | 0.070 | 0.042 | 0.334350 | 32.67388673 | -117.11603739 | 9 |
| DRIFT 3.cor | 7 | 7 | SPAWAR Mapping | 0.324 | 0.073 | 0.040 | 0.209980 | 32.67260872 | -117.11718569 | 19 |
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.523 | 0.076 | 0.039 | 0.245761 | 32.67058722 | -117.12048729 | 26 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 1.871 | 1.108 | 0.989 | 0.221005 | 32.67073506 | -117.12367739 | 38 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 1.149 | 0.064 | 0.033 | 0.068513 | 32.67138949 | -117.11921762 | 46 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.602 | 0.058 | 0.041 | 0.094226 | 32.67232166 | -117.11759087 | 62 |

| Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|
| 1/5/2016 15:04:54 | 32.67392333 | -117.1160533 | 4.326406491 |
| 1/5/2016 15:29:11 | 32.67260333 | -117.1172267 | 3.890019235 |
| 1/5/2016 16:38:50 | 32.67058667 | -117.12052 | 3.068297228 |
| 1/5/2016 18:43:57 | 32.67073 | -117.1236933 | 1.596986649 |
| 1/5/2016 21:58:38 | 32.67141 | -117.1192267 | 2.427796805 |
| 1/5/2016 23:38:56 | 32.67235 | -117.11756 | 4.273736963 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 115 | 1.8 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 02:50:47pm | New | Point_ge |
| drift 115 | 2.7 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 03:20:55pm | New | Point_ge |
| drift 115 | 2.4 | 1.4 | Postprocessed Carrier Float | GeoXH 6000 (cm) | 1/5/2016 | 04:24:00pm | New | Point_ge |
| drift 115 | 5.5 | 3.5 | Postprocessed Code | GeoXH 6000 (cm) | 1/5/2016 | 06:42:23pm | New | Point_ge |
| drift 115 | 1.9 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 10:03:23pm | New | Point_ge |
| drift 115 | 2.8 | 1.5 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/5/2016 | 11:16:04pm | New | Point_ge |
| drift 115 | 3.2 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/6/2016 | 01:15:22am | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude | Point_ID |
|---|---|---|---|---|---|---|---|---|---|---|
| DRIFT 3.cor | 5 | 5 | SPAWAR Mapping | 0.284 | 0.064 | 0.042 | 0.153406 | 32.673846812 | -117.116044156 | 2 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.330 | 0.074 | 0.040 | 0.213731 | 32.672757406 | -117.117514805 | 12 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.544 | 0.386 | 0.333 | 0.249875 | 32.671149694 | -117.120106237 | 22 |
| DRIFT 3.cor | 7 | 7 | SPAWAR Mapping | -0.280 | 1.954 | 1.446 | 0.471973 | 32.670799582 | -117.123552171 | 37 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.699 | 0.064 | 0.034 | 0.087614 | 32.667725975 | -117.120614442 | 50 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.592 | 0.063 | 0.036 | 0.155741 | 32.668074559 | -117.121014438 | 59 |
| DRIFT 3.cor | 6 | 6 | SPAWAR Mapping | 0.423 | 0.099 | 0.039 | 0.152736 | 32.667947839 | -117.120950350 | 71 |

| Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|
| 1/5/2016 14:50:47 | 32.67386333 | -117.1160533 | 2.024326215 |
| 1/5/2016 15:20:55 | 32.67276667 | -117.11748 | 3.422282137 |
| 1/5/2016 16:24:00 | 32.67114667 | -117.1201467 | 3.806952023 |
| 1/5/2016 18:42:23 | 32.67084667 | -117.1235333 | 5.512464989 |
| 1/5/2016 22:03:23 | 32.6677 | -117.12064 | 3.747599053 |
| 1/5/2016 23:16:04 | 32.66809333 | -117.12104 | 3.175438491 |
| 1/6/2016 01:15:22 | 32.66797 | -117.1209467 | 2.481789067 |

**Appendix C:  DrEx Feb 1, 2016 Event Data**

**Appendix C1: DrEx GPS Data**

DrEx 106

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3521412 | 32.674080 | -117.115936 | 32.4506944 | 32.67278 | -117.117347 | 32.5496528 | 32.67329 | -117.116787 |
| 32.3523148 | 32.674080 | -117.115944 | 32.4508796 | 32.67278 | -117.117347 | 32.549838 | 32.67329 | -117.116787 |
| 32.3524884 | 32.674076 | -117.115952 | 32.4510532 | 32.67278 | -117.117347 | 32.5500116 | 32.67329 | -117.116787 |
| 32.3526620 | 32.674068 | -117.115959 | 32.4512153 | 32.67278 | -117.117347 | 32.5501852 | 32.67329 | -117.116787 |
| 32.3528357 | 32.674061 | -117.115967 | 32.4513889 | 32.67278 | -117.117347 | 32.5503472 | 32.67329 | -117.116787 |
| 32.3530093 | 32.674049 | -117.115967 | 32.4515625 | 32.67278 | -117.117333 | 32.5505208 | 32.67329 | -117.11676 |
| 32.3531829 | 32.674034 | -117.115974 | 32.4517477 | 32.67277 | -117.117333 | 32.5506944 | 32.6733 | -117.11676 |
| 32.3533565 | 32.674023 | -117.115982 | 32.4519213 | 32.67277 | -117.117333 | 32.5510417 | 32.6733 | -117.11676 |
| 32.3535301 | 32.674007 | -117.115990 | 32.4520949 | 32.67277 | -117.117333 | 32.5512153 | 32.6733 | -117.11676 |
| 32.3537037 | 32.674000 | -117.115997 | 32.4522569 | 32.67277 | -117.117333 | 32.5514005 | 32.6733 | -117.11676 |
| 32.3538773 | 32.673981 | -117.115997 | 32.4524306 | 32.67277 | -117.117333 | 32.5515741 | 32.6733 | -117.116747 |
| 32.3540509 | 32.673973 | -117.116013 | 32.4526157 | 32.67277 | -117.117333 | 32.5517361 | 32.6733 | -117.116747 |
| 32.3542245 | 32.673965 | -117.116020 | 32.4527894 | 32.67277 | -117.117333 | 32.5519097 | 32.6733 | -117.116747 |
| 32.3543982 | 32.673946 | -117.116035 | 32.452963 | 32.67277 | -117.117333 | 32.5520833 | 32.6733 | -117.116747 |
| 32.3545718 | 32.673935 | -117.116035 | 32.453125 | 32.67277 | -117.117333 | 32.5522569 | 32.67331 | -117.116733 |
| 32.3547454 | 32.673920 | -117.116035 | 32.4536458 | 32.67277 | -117.117333 | 32.5524421 | 32.67331 | -117.116733 |
| 32.3549190 | 32.673904 | -117.116035 | 32.4538194 | 32.67277 | -117.117333 | 32.5526157 | 32.67331 | -117.116733 |
| 32.3550926 | 32.673901 | -117.116035 | 32.4539931 | 32.67276 | -117.117333 | 32.5527894 | 32.67331 | -117.116733 |
| 32.3552662 | 32.673885 | -117.116035 | 32.4541782 | 32.67276 | -117.117333 | 32.5529514 | 32.67331 | -117.116733 |
| 32.3554398 | 32.673874 | -117.116043 | 32.4543519 | 32.67276 | -117.117333 | 32.553125 | 32.67331 | -117.11672 |
| 32.3556134 | 32.673859 | -117.116051 | 32.4545255 | 32.67276 | -117.117333 | 32.5532986 | 32.67331 | -117.11672 |
| 32.3557870 | 32.673851 | -117.116058 | 32.4546875 | 32.67275 | -117.117333 | 32.5534838 | 32.67331 | -117.11672 |
| 32.3559607 | 32.673836 | -117.116066 | 32.4548611 | 32.67275 | -117.117333 | 32.5536574 | 32.67331 | -117.11672 |
| 32.3561343 | 32.673824 | -117.116066 | 32.4550347 | 32.67275 | -117.117333 | 32.553831 | 32.67331 | -117.11672 |
| 32.3563079 | 32.673817 | -117.116066 | 32.4552083 | 32.67275 | -117.117333 | 32.5539931 | 32.67331 | -117.11672 |
| 32.3564815 | 32.673809 | -117.116066 | 32.4553819 | 32.67275 | -117.117333 | 32.5541667 | 32.67331 | -117.11672 |
| 32.3566551 | 32.673798 | -117.116074 | 32.4555671 | 32.67276 | -117.117333 | 32.5543403 | 32.67331 | -117.11672 |
| 32.3568287 | 32.673794 | -117.116074 | 32.4557407 | 32.67276 | -117.117333 | 32.5546875 | 32.67331 | -117.116693 |
| 32.3570023 | 32.673775 | -117.116074 | 32.4559144 | 32.67274 | -117.11736 | 32.5548611 | 32.67332 | -117.116693 |
| 32.3571759 | 32.673759 | -117.116074 | 32.4560764 | 32.67274 | -117.11736 | 32.5550347 | 32.67332 | -117.116693 |
| 32.3573495 | 32.673752 | -117.116074 | 32.45625 | 32.67274 | -117.11736 | 32.5552199 | 32.67332 | -117.116693 |
| 32.3575232 | 32.673740 | -117.116081 | 32.4564236 | 32.67274 | -117.11736 | 32.5553935 | 32.67332 | -117.116693 |
| 32.3576968 | 32.673733 | -117.116081 | 32.4565972 | 32.67274 | -117.11736 | 32.5555556 | 32.67332 | -117.116693 |
| 32.3578704 | 32.673725 | -117.116089 | 32.4567824 | 32.67274 | -117.11736 | 32.5557292 | 32.67332 | -117.116693 |
| 32.3580440 | 32.673725 | -117.116081 | 32.456956 | 32.67274 | -117.11736 | 32.5559028 | 32.67332 | -117.116693 |
| 32.3582176 | 32.673721 | -117.116081 | 32.4574653 | 32.67274 | -117.11736 | 32.5560764 | 32.67332 | -117.116693 |
| 32.3583912 | 32.673717 | -117.116074 | 32.4576505 | 32.67274 | -117.11736 | 32.5562616 | 32.67332 | -117.116693 |
| 32.3585648 | 32.673717 | -117.116066 | 32.4578241 | 32.67274 | -117.11736 | 32.5564352 | 32.67332 | -117.116693 |
| 32.3587384 | 32.673717 | -117.116066 | 32.4579977 | 32.67274 | -117.11736 | 32.5566088 | 32.67332 | -117.116693 |
| 32.3589120 | 32.673717 | -117.116058 | 32.4581597 | 32.67273 | -117.11736 | 32.5567708 | 32.67332 | -117.11668 |
| 32.3590857 | 32.673706 | -117.116058 | 32.4583333 | 32.67273 | -117.11736 | 32.5569444 | 32.67332 | -117.11668 |
| 32.3592593 | 32.673698 | -117.116058 | 32.4585069 | 32.67273 | -117.11736 | 32.5571181 | 32.67332 | -117.11668 |
| 32.3594329 | 32.673702 | -117.116058 | 32.4586806 | 32.67273 | -117.11736 | 32.5572917 | 32.67332 | -117.11668 |
| 32.3596065 | 32.673702 | -117.116051 | 32.4588542 | 32.67273 | -117.11736 | 32.5574769 | 32.67332 | -117.11668 |
| 32.3597801 | 32.673702 | -117.116051 | 32.4590278 | 32.67273 | -117.11736 | 32.5576505 | 32.67332 | -117.11668 |
| 32.3599537 | 32.673691 | -117.116051 | 32.4592014 | 32.67273 | -117.11736 | 32.5578241 | 32.67333 | -117.11668 |
| 32.3601273 | 32.673676 | -117.116058 | 32.4593866 | 32.67273 | -117.11736 | 32.5579861 | 32.67333 | -117.116667 |
| 32.3603009 | 32.673660 | -117.116058 | 32.4595602 | 32.67273 | -117.11736 | 32.5583333 | 32.67333 | -117.116667 |
| 32.3604745 | 32.673656 | -117.116058 | 32.4597338 | 32.67273 | -117.11736 | 32.5585069 | 32.67333 | -117.116667 |
| 32.3606482 | 32.673649 | -117.116066 | 32.4598958 | 32.67273 | -117.11736 | 32.5586806 | 32.67333 | -117.116667 |
| 32.3608218 | 32.673645 | -117.116066 | 32.4600694 | 32.67273 | -117.11736 | 32.5588542 | 32.67333 | -117.116667 |
| 32.3609954 | 32.673645 | -117.116066 | 32.4602431 | 32.67273 | -117.11736 | 32.5590278 | 32.67333 | -117.116667 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3611690 | 32.673645 | -117.116058 | 32.4604167 | 32.67273 | -117.11736 | 32.5592014 | 32.67333 | -117.116667 |
| 32.3613426 | 32.673641 | -117.116058 | 32.4606019 | 32.67273 | -117.11736 | 32.559375 | 32.67333 | -117.116667 |
| 32.3615162 | 32.673637 | -117.116066 | 32.4607755 | 32.67273 | -117.11736 | 32.5595486 | 32.67333 | -117.116653 |
| 32.3616898 | 32.673634 | -117.116074 | 32.4612963 | 32.67274 | -117.11736 | 32.5597222 | 32.67333 | -117.116653 |
| 32.3618634 | 32.673626 | -117.116074 | 32.4614699 | 32.67274 | -117.11736 | 32.5598958 | 32.67333 | -117.116653 |
| 32.3620370 | 32.673626 | -117.116074 | 32.4616435 | 32.67274 | -117.11736 | 32.560081 | 32.67333 | -117.116653 |
| 32.3622107 | 32.673630 | -117.116074 | 32.4618056 | 32.67274 | -117.11736 | 32.5602546 | 32.67333 | -117.11664 |
| 32.3623843 | 32.673637 | -117.116081 | 32.4619792 | 32.67274 | -117.11736 | 32.5604282 | 32.67333 | -117.11664 |
| 32.3625579 | 32.673637 | -117.116058 | 32.4621528 | 32.67275 | -117.11736 | 32.5606019 | 32.67333 | -117.11664 |
| 32.3627315 | 32.673653 | -117.116035 | 32.462338 | 32.67275 | -117.11736 | 32.5607755 | 32.67334 | -117.11664 |
| 32.3629051 | 32.673653 | -117.116035 | 32.4625116 | 32.67275 | -117.11736 | 32.5609375 | 32.67334 | -117.11664 |
| 32.3630787 | 32.673653 | -117.116051 | 32.4626852 | 32.67275 | -117.11736 | 32.5611111 | 32.67334 | -117.11664 |
| 32.3632523 | 32.673649 | -117.116066 | 32.4628588 | 32.67275 | -117.11736 | 32.5612847 | 32.67334 | -117.11664 |
| 32.3633796 | 32.673645 | -117.116074 | 32.4630208 | 32.67275 | -117.11736 | 32.5614699 | 32.67334 | -117.11664 |
| 32.3635532 | 32.673623 | -117.116067 | 32.4631944 | 32.67275 | -117.11736 | 32.5616435 | 32.67334 | -117.11664 |
| 32.3637153 | 32.673623 | -117.116067 | 32.4633796 | 32.67275 | -117.11736 | 32.5621644 | 32.67334 | -117.116613 |
| 32.3638889 | 32.673620 | -117.116080 | 32.4635532 | 32.67275 | -117.11736 | 32.562338 | 32.67334 | -117.116613 |
| 32.3640625 | 32.673613 | -117.116080 | 32.4637269 | 32.67275 | -117.11736 | 32.5625116 | 32.67334 | -117.116613 |
| 32.3642361 | 32.673620 | -117.116093 | 32.4638889 | 32.67275 | -117.11736 | 32.5626736 | 32.67334 | -117.116613 |
| 32.3644097 | 32.673623 | -117.116093 | 32.4640625 | 32.67275 | -117.11736 | 32.5628472 | 32.67334 | -117.116613 |
| 32.3645833 | 32.673603 | -117.116093 | 32.4642361 | 32.67275 | -117.11736 | 32.5630208 | 32.67334 | -117.116613 |
| 32.3647569 | 32.673567 | -117.116107 | 32.4644097 | 32.67275 | -117.11736 | 32.563206 | 32.67335 | -117.116613 |
| 32.3649306 | 32.673573 | -117.116107 | 32.4645949 | 32.67276 | -117.11736 | 32.5633796 | 32.67335 | -117.116613 |
| 32.3651042 | 32.673563 | -117.116107 | 32.465162 | 32.67276 | -117.11736 | 32.5635417 | 32.67335 | -117.116613 |
| 32.3652894 | 32.673560 | -117.116107 | 32.4652894 | 32.67276 | -117.11736 | 32.5637153 | 32.67335 | -117.116613 |
| 32.3654630 | 32.673543 | -117.116133 | 32.465463 | 32.67276 | -117.11736 | 32.5638889 | 32.67335 | -117.1166 |
| 32.3656366 | 32.673547 | -117.116147 | 32.4656366 | 32.67276 | -117.11736 | 32.5640741 | 32.67335 | -117.1166 |
| 32.3658102 | 32.673550 | -117.116147 | 32.4657986 | 32.67276 | -117.11736 | 32.5642477 | 32.67335 | -117.1166 |
| 32.3659838 | 32.673550 | -117.116160 | 32.4659722 | 32.67276 | -117.11736 | 32.5644213 | 32.67335 | -117.1166 |
| 32.3661574 | 32.673557 | -117.116200 | 32.4661458 | 32.67276 | -117.11736 | 32.5645949 | 32.67335 | -117.1166 |
| 32.3663310 | 32.673547 | -117.116200 | 32.466331 | 32.67277 | -117.11736 | 32.5647569 | 32.67335 | -117.1166 |
| 32.3665046 | 32.673540 | -117.116200 | 32.4665046 | 32.67278 | -117.11736 | 32.5649306 | 32.67335 | -117.1166 |
| 32.3670139 | 32.673547 | -117.116213 | 32.4666782 | 32.67278 | -117.11736 | 32.5651042 | 32.67335 | -117.1166 |
| 32.3671875 | 32.673550 | -117.116227 | 32.4668519 | 32.67278 | -117.11736 | 32.5652894 | 32.67335 | -117.1166 |
| 32.3673611 | 32.673550 | -117.116227 | 32.4670139 | 32.67277 | -117.117387 | 32.565463 | 32.67336 | -117.116587 |
| 32.3675347 | 32.673537 | -117.116253 | 32.4671875 | 32.67277 | -117.117387 | 32.5659722 | 32.67338 | -117.116547 |
| 32.3677083 | 32.673523 | -117.116253 | 32.4673611 | 32.67277 | -117.117387 | 32.5661458 | 32.67338 | -117.116547 |
| 32.3678935 | 32.673523 | -117.116253 | 32.4675347 | 32.67277 | -117.117387 | 32.5663194 | 32.67338 | -117.116547 |
| 32.3680671 | 32.673523 | -117.116253 | 32.4677199 | 32.67277 | -117.117387 | 32.5665046 | 32.67338 | -117.116547 |
| 32.3682292 | 32.673523 | -117.116253 | 32.4678935 | 32.67277 | -117.117387 | 32.5666782 | 32.67338 | -117.116547 |
| 32.3684028 | 32.673523 | -117.116253 | 32.4680671 | 32.67277 | -117.117387 | 32.5668519 | 32.67339 | -117.116547 |
| 32.3685764 | 32.673513 | -117.116280 | 32.4682407 | 32.67277 | -117.117387 | 32.5670255 | 32.67339 | -117.116547 |
| 32.3687500 | 32.673507 | -117.116293 | 32.4684028 | 32.67277 | -117.117387 | 32.5671875 | 32.67339 | -117.116547 |
| 32.3689352 | 32.673500 | -117.116320 | 32.4687616 | 32.67277 | -117.117387 | 32.5673611 | 32.67339 | -117.116547 |
| 32.3691088 | 32.673493 | -117.116320 | 32.4689352 | 32.67277 | -117.117387 | 32.5675463 | 32.67339 | -117.116547 |
| 32.3692708 | 32.673493 | -117.116320 | 32.4690972 | 32.67277 | -117.117387 | 32.5677199 | 32.67339 | -117.116547 |
| 32.3694444 | 32.673493 | -117.116320 | 32.4692708 | 32.67277 | -117.117387 | 32.5678935 | 32.67339 | -117.116547 |
| 32.3696181 | 32.673487 | -117.116347 | 32.4694444 | 32.67277 | -117.117387 | 32.5680556 | 32.67339 | -117.116547 |
| 32.3697917 | 32.673473 | -117.116347 | 32.4696296 | 32.67277 | -117.117387 | 32.5682292 | 32.6734 | -117.116547 |
| 32.3699653 | 32.673470 | -117.116360 | 32.4698032 | 32.67277 | -117.117387 | 32.5684028 | 32.6734 | -117.116547 |
| 32.3701505 | 32.673463 | -117.116373 | 32.4699653 | 32.67277 | -117.117387 | 32.568588 | 32.67341 | -117.116533 |
| 32.3703241 | 32.673447 | -117.116387 | 32.4701389 | 32.67277 | -117.117387 | 32.5687616 | 32.67341 | -117.116533 |
| 32.3708333 | 32.673450 | -117.116400 | 32.4703588 | 32.67277 | -117.117387 | 32.5689352 | 32.67342 | -117.11652 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3710185 | 32.673447 | -117.116400 | 32.4704977 | 32.67277 | -117.117387 | 32.5690972 | 32.67342 | -117.11652 |
| 32.3711921 | 32.673440 | -117.116427 | 32.4706713 | 32.67277 | -117.117387 | 32.5692708 | 32.67343 | -117.116507 |
| 32.3713657 | 32.673440 | -117.116440 | 32.4708449 | 32.67278 | -117.117387 | 32.5696181 | 32.67343 | -117.116507 |
| 32.3715278 | 32.673440 | -117.116453 | 32.4710185 | 32.67278 | -117.117387 | 32.5697917 | 32.67343 | -117.116507 |
| 32.3717014 | 32.673447 | -117.116453 | 32.4711921 | 32.67278 | -117.117387 | 32.5699653 | 32.67343 | -117.116507 |
| 32.3718750 | 32.673447 | -117.116467 | 32.4713542 | 32.67278 | -117.1174 | 32.5701389 | 32.67344 | -117.116493 |
| 32.3720602 | 32.673450 | -117.116467 | 32.4715278 | 32.67278 | -117.1174 | 32.5703241 | 32.67344 | -117.116493 |
| 32.3722338 | 32.673447 | -117.116467 | 32.4717014 | 32.67278 | -117.1174 | 32.5704977 | 32.67344 | -117.116493 |
| 32.3724074 | 32.673440 | -117.116493 | 32.4718866 | 32.67278 | -117.1174 | 32.5706713 | 32.67344 | -117.116493 |
| 32.3725694 | 32.673427 | -117.116493 | 32.4720602 | 32.67278 | -117.1174 | 32.5708449 | 32.67344 | -117.116493 |
| 32.3727431 | 32.673393 | -117.116520 | 32.4723958 | 32.67278 | -117.1174 | 32.5710185 | 32.67345 | -117.116493 |
| 32.3729167 | 32.673390 | -117.116520 | 32.4725694 | 32.67278 | -117.1174 | 32.5711806 | 32.67345 | -117.116493 |
| 32.3730903 | 32.673380 | -117.116533 | 32.4727431 | 32.67278 | -117.1174 | 32.5713542 | 32.67345 | -117.116493 |
| 32.3732639 | 32.673367 | -117.116547 | 32.4729167 | 32.67278 | -117.1174 | 32.5715278 | 32.67345 | -117.116493 |
| 32.3734375 | 32.673360 | -117.116547 | 32.4730903 | 32.67278 | -117.1174 | 32.571713 | 32.67345 | -117.116493 |
| 32.3736227 | 32.673333 | -117.116547 | 32.4732755 | 32.67276 | -117.1174 | 32.5718866 | 32.67345 | -117.116493 |
| 32.3737963 | 32.673327 | -117.116547 | 32.4734491 | 32.67276 | -117.1174 | 32.5720602 | 32.67345 | -117.116493 |
| 32.3739699 | 32.673333 | -117.116547 | 32.4736227 | 32.67276 | -117.1174 | 32.5722338 | 32.67345 | -117.116493 |
| 32.3741319 | 32.673337 | -117.116587 | 32.4737847 | 32.67276 | -117.1174 | 32.5723958 | 32.67346 | -117.116493 |
| 32.3746528 | 32.673297 | -117.116587 | 32.4739583 | 32.67276 | -117.1174 | 32.5725694 | 32.67346 | -117.116493 |
| 32.3748380 | 32.673287 | -117.116600 | 32.4741319 | 32.67276 | -117.1174 | 32.5727431 | 32.67346 | -117.116493 |
| 32.3750116 | 32.673273 | -117.116600 | 32.4743171 | 32.67275 | -117.1174 | 32.5729167 | 32.67346 | -117.116493 |
| 32.3751852 | 32.673263 | -117.116613 | 32.4744907 | 32.67275 | -117.1174 | 32.5733333 | 32.67347 | -117.116493 |
| 32.3753588 | 32.673263 | -117.116613 | 32.4746644 | 32.67276 | -117.1174 | 32.5734375 | 32.67348 | -117.116467 |
| 32.3755324 | 32.673260 | -117.116613 | 32.4748264 | 32.67276 | -117.1174 | 32.5736227 | 32.67348 | -117.116467 |
| 32.3757060 | 32.673243 | -117.116640 | 32.475 | 32.67277 | -117.1174 | 32.5737963 | 32.67349 | -117.116467 |
| 32.3758796 | 32.673243 | -117.116640 | 32.4751736 | 32.67277 | -117.1174 | 32.5739699 | 32.67349 | -117.116467 |
| 32.3760532 | 32.673223 | -117.116653 | 32.4753472 | 32.67277 | -117.117413 | 32.5741435 | 32.67349 | -117.116467 |
| 32.3762153 | 32.673200 | -117.116667 | 32.4755208 | 32.67277 | -117.117413 | 32.5743056 | 32.67349 | -117.116467 |
| 32.3763889 | 32.673200 | -117.116653 | 32.4756944 | 32.67277 | -117.117413 | 32.5744792 | 32.67349 | -117.116467 |
| 32.3765625 | 32.673200 | -117.116667 | 32.4762269 | 32.67277 | -117.117413 | 32.5746528 | 32.67349 | -117.116467 |
| 32.3767361 | 32.673193 | -117.116667 | 32.4764005 | 32.67276 | -117.117413 | 32.574838 | 32.67349 | -117.116467 |
| 32.3769097 | 32.673187 | -117.116680 | 32.4765741 | 32.67276 | -117.117427 | 32.5750116 | 32.67349 | -117.116467 |
| 32.3770833 | 32.673187 | -117.116693 | 32.4767361 | 32.67277 | -117.117453 | 32.5751852 | 32.6735 | -117.116467 |
| 32.3772685 | 32.673177 | -117.116720 | 32.4769097 | 32.67277 | -117.117453 | 32.5753472 | 32.6735 | -117.116467 |
| 32.3774421 | 32.673177 | -117.116720 | 32.4770833 | 32.67277 | -117.117453 | 32.5755208 | 32.6735 | -117.116467 |
| 32.3776042 | 32.673163 | -117.116720 | 32.4772685 | 32.67277 | -117.117467 | 32.5756944 | 32.6735 | -117.116467 |
| 32.3777778 | 32.673150 | -117.116720 | 32.4774421 | 32.67277 | -117.117467 | 32.5758796 | 32.6735 | -117.116467 |
| 32.3779514 | 32.673150 | -117.116720 | 32.4776157 | 32.67277 | -117.117467 | 32.5760532 | 32.6735 | -117.116467 |
| 32.3782986 | 32.673133 | -117.116733 | 32.4777894 | 32.67277 | -117.117467 | 32.5762269 | 32.67351 | -117.116467 |
| 32.3784722 | 32.673133 | -117.116733 | 32.4779514 | 32.67277 | -117.117467 | 32.5764005 | 32.67351 | -117.116467 |
| 32.3786458 | 32.673123 | -117.116747 | 32.478125 | 32.67277 | -117.117467 | 32.5765625 | 32.67351 | -117.116453 |
| 32.3788194 | 32.673123 | -117.116760 | 32.4782986 | 32.67277 | -117.117467 | 32.5772569 | 32.67352 | -117.116453 |
| 32.3790046 | 32.673117 | -117.116787 | 32.4784722 | 32.67277 | -117.117467 | 32.5774306 | 32.67352 | -117.116453 |
| 32.3791782 | 32.673107 | -117.116787 | 32.4786458 | 32.67277 | -117.117467 | 32.5776042 | 32.67352 | -117.116453 |
| 32.3793519 | 32.673097 | -117.116787 | 32.478831 | 32.67277 | -117.117467 | 32.5777778 | 32.67353 | -117.116453 |
| 32.3795255 | 32.673097 | -117.116787 | 32.4790046 | 32.67277 | -117.117467 | 32.577963 | 32.67353 | -117.116453 |
| 32.3796991 | 32.673083 | -117.116787 | 32.4791782 | 32.67277 | -117.117467 | 32.5781366 | 32.67353 | -117.116453 |
| 32.3798611 | 32.673080 | -117.116787 | 32.4793403 | 32.67277 | -117.117467 | 32.5783102 | 32.67354 | -117.116453 |
| 32.3800347 | 32.673077 | -117.116787 | 32.4795139 | 32.67277 | -117.11748 | 32.5784838 | 32.67354 | -117.116453 |
| 32.3802083 | 32.673067 | -117.116800 | 32.4798611 | 32.67277 | -117.11748 | 32.5786458 | 32.67354 | -117.116453 |
| 32.3803819 | 32.673057 | -117.116800 | 32.4800347 | 32.67277 | -117.11748 | 32.5788194 | 32.67354 | -117.116453 |
| 32.3805671 | 32.673057 | -117.116800 | 32.4802083 | 32.67277 | -117.11748 | 32.5789931 | 32.67354 | -117.116453 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3807407 | 32.673057 | -117.116800 | 32.4803935 | 32.67278 | -117.11748 | 32.5791667 | 32.67354 | -117.116453 |
| 32.3809144 | 32.673047 | -117.116813 | 32.4805671 | 32.67278 | -117.11748 | 32.5793403 | 32.67354 | -117.116453 |
| 32.3810764 | 32.673033 | -117.116813 | 32.4807407 | 32.67278 | -117.11748 | 32.5795255 | 32.67355 | -117.116453 |
| 32.3812500 | 32.673020 | -117.116813 | 32.4809028 | 32.67278 | -117.11748 | 32.5796991 | 32.67355 | -117.116453 |
| 32.3814236 | 32.673020 | -117.116813 | 32.4810764 | 32.67278 | -117.11748 | 32.5798727 | 32.67357 | -117.116453 |
| 32.3816088 | 32.673010 | -117.116827 | 32.48125 | 32.67278 | -117.11748 | 32.5800347 | 32.67357 | -117.116453 |
| 32.3821181 | 32.672997 | -117.116840 | 32.4814236 | 32.67278 | -117.11748 | 32.5802083 | 32.67357 | -117.116467 |
| 32.3822917 | 32.672997 | -117.116840 | 32.4816088 | 32.67278 | -117.117493 | 32.5803819 | 32.67357 | -117.116453 |
| 32.3824653 | 32.672990 | -117.116840 | 32.4817824 | 32.67278 | -117.117493 | 32.5805556 | 32.67358 | -117.116453 |
| 32.3826389 | 32.672983 | -117.116867 | 32.4819444 | 32.67278 | -117.117493 | 32.5810764 | 32.67358 | -117.116467 |
| 32.3828125 | 32.672973 | -117.116867 | 32.4821181 | 32.67278 | -117.117493 | 32.58125 | 32.67359 | -117.116467 |
| 32.3829861 | 32.672967 | -117.116867 | 32.4822917 | 32.67278 | -117.117493 | 32.5814236 | 32.6736 | -117.116467 |
| 32.3831597 | 32.672973 | -117.116880 | 32.4824653 | 32.67278 | -117.117493 | 32.5816088 | 32.6736 | -117.116467 |
| 32.3833449 | 32.672973 | -117.116880 | 32.4826389 | 32.67278 | -117.117493 | 32.5817824 | 32.6736 | -117.116467 |
| 32.3835185 | 32.672983 | -117.116880 | 32.4828241 | 32.67278 | -117.117493 | 32.581956 | 32.67361 | -117.116467 |
| 32.3836921 | 32.672973 | -117.116880 | 32.4829977 | 32.67278 | -117.117507 | 32.5821181 | 32.67361 | -117.116467 |
| 32.3838542 | 32.672970 | -117.116893 | 32.4831713 | 32.67278 | -117.117507 | 32.5822917 | 32.67361 | -117.116467 |
| 32.3840278 | 32.672960 | -117.116893 | 32.4836806 | 32.67278 | -117.117507 | 32.5824653 | 32.67361 | -117.116467 |
| 32.3842014 | 32.672960 | -117.116907 | 32.4838657 | 32.67279 | -117.117507 | 32.5826389 | 32.67361 | -117.116467 |
| 32.3843866 | 32.672953 | -117.116893 | 32.4840394 | 32.67278 | -117.117507 | 32.5828125 | 32.67362 | -117.116467 |
| 32.3845602 | 32.672960 | -117.116907 | 32.484213 | 32.67278 | -117.117507 | 32.5829977 | 32.67362 | -117.116467 |
| 32.3847338 | 32.672960 | -117.116933 | 32.484375 | 32.67279 | -117.117507 | 32.5831713 | 32.67362 | -117.116467 |
| 32.3848958 | 32.672957 | -117.116933 | 32.4845486 | 32.6728 | -117.117507 | 32.5833449 | 32.67362 | -117.116467 |
| 32.3850694 | 32.672947 | -117.116933 | 32.4847222 | 32.6728 | -117.117507 | 32.5835185 | 32.67362 | -117.116467 |
| 32.3852431 | 32.672940 | -117.116933 | 32.4848958 | 32.6728 | -117.117507 | 32.5836806 | 32.67362 | -117.116467 |
| 32.3854167 | 32.672933 | -117.116933 | 32.4850694 | 32.67279 | -117.117507 | 32.5838542 | 32.67362 | -117.116467 |
| 32.3859491 | 32.672910 | -117.116933 | 32.4852546 | 32.67279 | -117.117507 | 32.5840278 | 32.67362 | -117.116467 |
| 32.3861227 | 32.672910 | -117.116933 | 32.4854282 | 32.67279 | -117.117507 | 32.5842014 | 32.67363 | -117.116467 |
| 32.3862847 | 32.672903 | -117.116933 | 32.4856019 | 32.67279 | -117.117507 | 32.5843866 | 32.67363 | -117.116467 |
| 32.3864583 | 32.672897 | -117.116933 | 32.4857639 | 32.67279 | -117.117533 | 32.5848958 | 32.67364 | -117.116467 |
| 32.3866319 | 32.672887 | -117.116947 | 32.4859375 | 32.67279 | -117.117533 | 32.5850694 | 32.67364 | -117.116467 |
| 32.3868056 | 32.672880 | -117.116947 | 32.4861111 | 32.67279 | -117.117533 | 32.5852431 | 32.67364 | -117.116467 |
| 32.3869907 | 32.672873 | -117.116947 | 32.4862963 | 32.67279 | -117.117533 | 32.585463 | 32.67365 | -117.116467 |
| 32.3871644 | 32.672867 | -117.116947 | 32.4864699 | 32.67279 | -117.117547 | 32.5856019 | 32.67365 | -117.116467 |
| 32.3873380 | 32.672867 | -117.116960 | 32.4866435 | 32.67279 | -117.117547 | 32.5857755 | 32.67365 | -117.116467 |
| 32.3875116 | 32.672867 | -117.116987 | 32.4868171 | 32.67279 | -117.117547 | 32.5859491 | 32.67365 | -117.116467 |
| 32.3876736 | 32.672860 | -117.116987 | 32.4869792 | 32.67278 | -117.117547 | 32.5861111 | 32.67365 | -117.116467 |
| 32.3878472 | 32.672857 | -117.116987 | 32.4875116 | 32.67279 | -117.117547 | 32.5862847 | 32.67365 | -117.116467 |
| 32.3880208 | 32.672857 | -117.117013 | 32.4876852 | 32.67279 | -117.117547 | 32.5864583 | 32.67365 | -117.116467 |
| 32.3882060 | 32.672843 | -117.117013 | 32.4878588 | 32.67279 | -117.11756 | 32.5866435 | 32.67365 | -117.116467 |
| 32.3883796 | 32.672837 | -117.117013 | 32.4880208 | 32.67279 | -117.11756 | 32.5868171 | 32.67365 | -117.116467 |
| 32.3885532 | 32.672827 | -117.117013 | 32.4881944 | 32.67279 | -117.117573 | 32.5869907 | 32.67366 | -117.116467 |
| 32.3887153 | 32.672820 | -117.117013 | 32.4883681 | 32.67279 | -117.117573 | 32.5871528 | 32.67366 | -117.116467 |
| 32.3888889 | 32.672820 | -117.117013 | 32.4885417 | 32.67279 | -117.117573 | 32.5873264 | 32.67366 | -117.116467 |
| 32.3890625 | 32.672813 | -117.117013 | 32.4887269 | 32.67279 | -117.117573 | 32.5875 | 32.67367 | -117.116467 |
| 32.3892361 | 32.672813 | -117.117013 | 32.4889005 | 32.67279 | -117.1176 | 32.5876736 | 32.67367 | -117.116467 |
| 32.3895949 | 32.672807 | -117.117013 | 32.4890741 | 32.67279 | -117.1176 | 32.5878472 | 32.67367 | -117.116467 |
| 32.3897569 | 32.672803 | -117.117013 | 32.4892477 | 32.67279 | -117.1176 | 32.5880324 | 32.67367 | -117.116467 |
| 32.3899306 | 32.672793 | -117.117013 | 32.4894213 | 32.67279 | -117.1176 | 32.588206 | 32.67367 | -117.116467 |
| 32.3901042 | 32.672790 | -117.117027 | 32.4895833 | 32.67279 | -117.1176 | 32.5887269 | 32.67368 | -117.116467 |
| 32.3902778 | 32.672790 | -117.117040 | 32.4897569 | 32.67279 | -117.1176 | 32.5889005 | 32.67368 | -117.116467 |
| 32.3904514 | 32.672800 | -117.117080 | 32.4899306 | 32.67279 | -117.1176 | 32.5890625 | 32.67368 | -117.116467 |
| 32.3906250 | 32.672790 | -117.117080 | 32.4901042 | 32.67279 | -117.1176 | 32.5892361 | 32.67369 | -117.116467 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3908102 | 32.672777 | -117.117080 | 32.4902894 | 32.67279 | -117.1176 | 32.5894097 | 32.67369 | -117.116467 |
| 32.3909838 | 32.672773 | -117.117080 | 32.490463 | 32.67279 | -117.1176 | 32.5895949 | 32.67369 | -117.116467 |
| 32.3911574 | 32.672767 | -117.117080 | 32.4906366 | 32.67279 | -117.1176 | 32.5897685 | 32.67369 | -117.116467 |
| 32.3913310 | 32.672757 | -117.117093 | 32.4907986 | 32.67279 | -117.1176 | 32.5899306 | 32.67372 | -117.116467 |
| 32.3914931 | 32.672757 | -117.117107 | 32.4911458 | 32.67279 | -117.1176 | 32.5901042 | 32.67373 | -117.116493 |
| 32.3916667 | 32.672750 | -117.117107 | 32.4913194 | 32.67279 | -117.1176 | 32.5902778 | 32.67373 | -117.116493 |
| 32.3918403 | 32.672747 | -117.117120 | 32.4914931 | 32.67279 | -117.1176 | 32.590463 | 32.67373 | -117.116493 |
| 32.3920255 | 32.672747 | -117.117120 | 32.4916667 | 32.67279 | -117.1176 | 32.5906366 | 32.67373 | -117.116493 |
| 32.3921991 | 32.672743 | -117.117120 | 32.4918403 | 32.67279 | -117.1176 | 32.5908102 | 32.67373 | -117.116493 |
| 32.3923727 | 32.672743 | -117.117120 | 32.4920255 | 32.67279 | -117.1176 | 32.5909722 | 32.67374 | -117.116493 |
| 32.3925347 | 32.672733 | -117.117120 | 32.4921991 | 32.67279 | -117.1176 | 32.5911458 | 32.67374 | -117.116493 |
| 32.3927083 | 32.672730 | -117.117133 | 32.4923727 | 32.67279 | -117.117613 | 32.5913194 | 32.67374 | -117.116493 |
| 32.3928819 | 32.672720 | -117.117133 | 32.4925463 | 32.67279 | -117.117613 | 32.5915046 | 32.67376 | -117.116467 |
| 32.3932407 | 32.672713 | -117.117133 | 32.4927083 | 32.67279 | -117.117613 | 32.5916782 | 32.67379 | -117.116467 |
| 32.3934144 | 32.672713 | -117.117133 | 32.4928819 | 32.67279 | -117.117613 | 32.5918519 | 32.67381 | -117.116493 |
| 32.3935764 | 32.672710 | -117.117160 | 32.4930556 | 32.67279 | -117.117613 | 32.5920139 | 32.67383 | -117.116467 |
| 32.3937500 | 32.672707 | -117.117160 | 32.4932407 | 32.67279 | -117.117613 | 32.5925347 | 32.67386 | -117.116453 |
| 32.3939236 | 32.672707 | -117.117173 | 32.4934144 | 32.67279 | -117.117613 | 32.5927083 | 32.67386 | -117.116467 |
| 32.3941088 | 32.672697 | -117.117187 | 32.493588 | 32.67279 | -117.117613 | 32.5928819 | 32.67387 | -117.116467 |
| 32.3942824 | 32.672690 | -117.117200 | 32.4937616 | 32.67279 | -117.117613 | 32.5930671 | 32.67387 | -117.116493 |
| 32.3944560 | 32.672690 | -117.117200 | 32.4939236 | 32.67279 | -117.117613 | 32.5932407 | 32.67388 | -117.116493 |
| 32.3946181 | 32.672680 | -117.117200 | 32.4940972 | 32.67279 | -117.117613 | 32.5934028 | 32.67389 | -117.116493 |
| 32.3947917 | 32.672683 | -117.117227 | 32.4942708 | 32.67279 | -117.117627 | 32.5935764 | 32.67389 | -117.116493 |
| 32.3949653 | 32.672680 | -117.117227 | 32.494456 | 32.67279 | -117.117627 | 32.59375 | 32.67389 | -117.116493 |
| 32.3951505 | 32.672680 | -117.117253 | 32.4947917 | 32.67279 | -117.117627 | 32.5939236 | 32.67388 | -117.116493 |
| 32.3953241 | 32.672677 | -117.117253 | 32.4949653 | 32.67279 | -117.117627 | 32.5940972 | 32.67388 | -117.116493 |
| 32.3954977 | 32.672670 | -117.117253 | 32.4951389 | 32.67279 | -117.11764 | 32.5942708 | 32.67388 | -117.116493 |
| 32.3956597 | 32.672663 | -117.117253 | 32.4953125 | 32.67279 | -117.11764 | 32.5944907 | 32.67388 | -117.116493 |
| 32.3958333 | 32.672670 | -117.117253 | 32.4954861 | 32.67279 | -117.11764 | 32.5946296 | 32.67388 | -117.116507 |
| 32.3960069 | 32.672670 | -117.117267 | 32.4956713 | 32.6728 | -117.11764 | 32.5948032 | 32.67389 | -117.116493 |
| 32.3961921 | 32.672670 | -117.117267 | 32.4958449 | 32.6728 | -117.117653 | 32.5949653 | 32.67389 | -117.116493 |
| 32.3963657 | 32.672670 | -117.117267 | 32.4960185 | 32.6728 | -117.117653 | 32.5951389 | 32.67389 | -117.116493 |
| 32.3965394 | 32.672673 | -117.117267 | 32.4961806 | 32.6728 | -117.117653 | 32.5953125 | 32.67389 | -117.116493 |
| 32.3970602 | 32.672670 | -117.117280 | 32.4963542 | 32.6728 | -117.117653 | 32.5954977 | 32.67389 | -117.116493 |
| 32.3972338 | 32.672663 | -117.117307 | 32.4965278 | 32.6728 | -117.117653 | 32.5956713 | 32.67389 | -117.116493 |
| 32.3974074 | 32.672657 | -117.117307 | 32.496713 | 32.6728 | -117.117653 | 32.5958449 | 32.67389 | -117.116493 |
| 32.3975694 | 32.672653 | -117.117320 | 32.4968866 | 32.6728 | -117.117653 | 32.5975694 | 32.67386 | -117.116467 |
| 32.3977431 | 32.672653 | -117.117320 | 32.4970602 | 32.6728 | -117.117653 | 32.5977431 | 32.67384 | -117.116493 |
| 32.3979167 | 32.672647 | -117.117320 | 32.4972222 | 32.6728 | -117.117653 | 32.5979167 | 32.67382 | -117.116493 |
| 32.3980903 | 32.672643 | -117.117320 | 32.4973958 | 32.6728 | -117.117653 | 32.5980903 | 32.6738 | -117.11652 |
| 32.3982639 | 32.672637 | -117.117320 | 32.4975694 | 32.6728 | -117.117653 | 32.5982639 | 32.67378 | -117.116533 |
| 32.3984375 | 32.672633 | -117.117333 | 32.4977431 | 32.6728 | -117.117653 | 32.5984491 | 32.67375 | -117.11652 |
| 32.3986111 | 32.672633 | -117.117333 | 32.4979282 | 32.6728 | -117.117653 | 32.5986227 | 32.67375 | -117.11652 |
| 32.3987847 | 32.672633 | -117.117333 | 32.4981019 | 32.6728 | -117.117653 | 32.5987963 | 32.67375 | -117.11652 |
| 32.3989699 | 32.672623 | -117.117333 | 32.4984491 | 32.6728 | -117.117653 | 32.5989583 | 32.67375 | -117.11652 |
| 32.3991435 | 32.672627 | -117.117347 | 32.4986111 | 32.6728 | -117.11768 | 32.5991319 | 32.67375 | -117.11652 |
| 32.3993171 | 32.672623 | -117.117347 | 32.4987847 | 32.6728 | -117.11768 | 32.5993056 | 32.67375 | -117.11652 |
| 32.3994792 | 32.672620 | -117.117347 | 32.4989583 | 32.6728 | -117.117693 | 32.5994792 | 32.67377 | -117.11652 |
| 32.3996528 | 32.672620 | -117.117347 | 32.4991319 | 32.6728 | -117.117693 | 32.5996644 | 32.67378 | -117.116507 |
| 32.3998264 | 32.672620 | -117.117347 | 32.4993171 | 32.6728 | -117.117707 | 32.599838 | 32.67378 | -117.116493 |
| 32.4000116 | 32.672617 | -117.117360 | 32.4994907 | 32.6728 | -117.117707 | 32.6000116 | 32.67379 | -117.116493 |
| 32.4001852 | 32.672610 | -117.117360 | 32.4996644 | 32.6728 | -117.11772 | 32.6001736 | 32.6738 | -117.116493 |
| 32.4003588 | 32.672610 | -117.117360 | 32.499838 | 32.6728 | -117.11772 | 32.6003472 | 32.6738 | -117.116493 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4007755 | 32.672610 | -117.117360 | 32.5 | 32.6728 | -117.11772 | 32.6005208 | 32.67384 | -117.116493 |
| 32.4008796 | 32.672610 | -117.117360 | 32.5001736 | 32.6728 | -117.11772 | 32.6006944 | 32.67383 | -117.11652 |
| 32.4010532 | 32.672610 | -117.117360 | 32.5003472 | 32.6728 | -117.11772 | 32.6008681 | 32.67384 | -117.116493 |
| 32.4012153 | 32.672610 | -117.117360 | 32.5005208 | 32.6728 | -117.11772 | 32.6014005 | 32.67384 | -117.116453 |
| 32.4013889 | 32.672610 | -117.117360 | 32.500706 | 32.6728 | -117.11772 | 32.6015625 | 32.67383 | -117.116453 |
| 32.4015625 | 32.672610 | -117.117360 | 32.5008796 | 32.67281 | -117.11772 | 32.6017361 | 32.67383 | -117.116453 |
| 32.4017361 | 32.672603 | -117.117387 | 32.5010532 | 32.6728 | -117.117747 | 32.6019097 | 32.67384 | -117.116467 |
| 32.4019213 | 32.672600 | -117.117413 | 32.5012153 | 32.6728 | -117.117747 | 32.6020833 | 32.67383 | -117.116467 |
| 32.4020949 | 32.672600 | -117.117413 | 32.5013889 | 32.6728 | -117.117747 | 32.6022569 | 32.67384 | -117.116467 |
| 32.4022685 | 32.672597 | -117.117427 | 32.5015625 | 32.6728 | -117.117747 | 32.6024769 | 32.67385 | -117.116467 |
| 32.4024421 | 32.672597 | -117.117453 | 32.5017477 | 32.6728 | -117.117747 | 32.6026042 | 32.67386 | -117.116493 |
| 32.4026042 | 32.672590 | -117.117453 | 32.5020949 | 32.6728 | -117.117747 | 32.6027894 | 32.67387 | -117.116493 |
| 32.4027778 | 32.672587 | -117.117467 | 32.5022685 | 32.6728 | -117.117747 | 32.602963 | 32.6739 | -117.11652 |
| 32.4029514 | 32.672583 | -117.117467 | 32.5024421 | 32.6728 | -117.117747 | 32.6031366 | 32.67392 | -117.116533 |
| 32.4031366 | 32.672573 | -117.117467 | 32.5026042 | 32.6728 | -117.117747 | 32.6033102 | 32.67393 | -117.116533 |
| 32.4033102 | 32.672580 | -117.117480 | 32.5027778 | 32.6728 | -117.117747 | 32.6034838 | 32.67395 | -117.116547 |
| 32.4034838 | 32.672573 | -117.117480 | 32.5029514 | 32.6728 | -117.117747 | 32.6036574 | 32.67394 | -117.116533 |
| 32.4036458 | 32.672567 | -117.117493 | 32.5031366 | 32.6728 | -117.117747 | 32.603831 | 32.67394 | -117.11652 |
| 32.4038194 | 32.672563 | -117.117493 | 32.5033102 | 32.6728 | -117.117747 | 32.6040046 | 32.67395 | -117.116533 |
| 32.4039931 | 32.672563 | -117.117493 | 32.5034838 | 32.6728 | -117.117747 | 32.6041782 | 32.67395 | -117.116533 |
| 32.4045139 | 32.672563 | -117.117507 | 32.5036458 | 32.67279 | -117.11776 | 32.6043519 | 32.67395 | -117.116533 |
| 32.4046875 | 32.672563 | -117.117507 | 32.5038194 | 32.67279 | -117.11776 | 32.6045255 | 32.67395 | -117.116533 |
| 32.4048611 | 32.672563 | -117.117507 | 32.5039931 | 32.67279 | -117.11776 | 32.6046875 | 32.67394 | -117.11652 |
| 32.4050463 | 32.672563 | -117.117507 | 32.5041667 | 32.67278 | -117.11776 | 32.6052083 | 32.67391 | -117.116493 |
| 32.4052199 | 32.672563 | -117.117507 | 32.5043519 | 32.67278 | -117.11776 | 32.6053819 | 32.6739 | -117.116467 |
| 32.4053935 | 32.672560 | -117.117507 | 32.5045255 | 32.67278 | -117.11776 | 32.6055556 | 32.67391 | -117.116453 |
| 32.4055556 | 32.672560 | -117.117507 | 32.5046875 | 32.67278 | -117.11776 | 32.6057292 | 32.67395 | -117.116467 |
| 32.4057292 | 32.672560 | -117.117507 | 32.5048611 | 32.67278 | -117.11776 | 32.6059028 | 32.67394 | -117.116467 |
| 32.4059028 | 32.672560 | -117.117507 | 32.5050347 | 32.67279 | -117.117773 | 32.6060764 | 32.6739 | -117.116453 |
| 32.4060764 | 32.672560 | -117.117533 | 32.5052083 | 32.67279 | -117.117773 | 32.60625 | 32.67394 | -117.116493 |
| 32.4062616 | 32.672553 | -117.117547 | 32.5053819 | 32.67279 | -117.117773 | 32.6064352 | 32.67395 | -117.116493 |
| 32.4064352 | 32.672553 | -117.117560 | 32.5057407 | 32.67279 | -117.117773 | 32.6066088 | 32.67395 | -117.116493 |
| 32.4066088 | 32.672550 | -117.117600 | 32.5059144 | 32.67279 | -117.117773 | 32.6067824 | 32.67395 | -117.116493 |
| 32.4067824 | 32.672550 | -117.117600 | 32.506088 | 32.67279 | -117.117787 | 32.606956 | 32.67395 | -117.116507 |
| 32.4069444 | 32.672547 | -117.117613 | 32.5062616 | 32.67279 | -117.117787 | 32.6071181 | 32.67395 | -117.116493 |
| 32.4071181 | 32.672543 | -117.117627 | 32.5064236 | 32.67279 | -117.117787 | 32.6072917 | 32.67395 | -117.116507 |
| 32.4072917 | 32.672543 | -117.117653 | 32.5065972 | 32.67279 | -117.117787 | 32.6074653 | 32.67394 | -117.116507 |
| 32.4074769 | 32.672537 | -117.117653 | 32.5067708 | 32.67279 | -117.117787 | 32.6076389 | 32.67394 | -117.116507 |
| 32.4076505 | 32.672537 | -117.117680 | 32.506956 | 32.67279 | -117.117787 | 32.6078125 | 32.67394 | -117.116507 |
| 32.4078241 | 32.672537 | -117.117693 | 32.5071296 | 32.67279 | -117.117787 | 32.6079977 | 32.67394 | -117.116507 |
| 32.4081713 | 32.672543 | -117.117720 | 32.5073032 | 32.67279 | -117.117787 | 32.6081713 | 32.67393 | -117.116493 |
| 32.4083449 | 32.672543 | -117.117747 | 32.5074653 | 32.67279 | -117.117787 | 32.6083449 | 32.6739 | -117.116507 |
| 32.4085069 | 32.672543 | -117.117747 | 32.5076389 | 32.67279 | -117.117787 | 32.6085185 | 32.67388 | -117.116493 |
| 32.4086806 | 32.672543 | -117.117747 | 32.5078125 | 32.67279 | -117.117787 | 32.6090394 | 32.67379 | -117.116467 |
| 32.4088542 | 32.672543 | -117.117747 | 32.5079861 | 32.6728 | -117.117787 | 32.609213 | 32.67378 | -117.1164 |
| 32.4090278 | 32.672543 | -117.117747 | 32.5081597 | 32.67281 | -117.1178 | 32.6093866 | 32.67375 | -117.116387 |
| 32.4092130 | 32.672543 | -117.117760 | 32.5083333 | 32.67281 | -117.1178 | 32.6095486 | 32.67373 | -117.11636 |
| 32.4093866 | 32.672543 | -117.117760 | 32.5085185 | 32.67281 | -117.117787 | 32.6097222 | 32.67372 | -117.11632 |
| 32.4095486 | 32.672543 | -117.117760 | 32.5086921 | 32.67281 | -117.117787 | 32.6098958 | 32.67373 | -117.11628 |
| 32.4097222 | 32.672543 | -117.117773 | 32.5088542 | 32.67281 | -117.1178 | 32.610081 | 32.67372 | -117.116253 |
| 32.4098958 | 32.672537 | -117.117787 | 32.5090278 | 32.67281 | -117.1178 | 32.6102546 | 32.67372 | -117.116253 |
| 32.4100694 | 32.672537 | -117.117800 | 32.5099769 | 32.67281 | -117.1178 | 32.6104282 | 32.67374 | -117.11624 |
| 32.4102546 | 32.672533 | -117.117800 | 32.510081 | 32.67281 | -117.1178 | 32.6106019 | 32.67373 | -117.116213 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4104282 | 32.672530 | -117.117800 | 32.5102431 | 32.67281 | -117.1178 | 32.6107639 | 32.67375 | -117.1162 |
| 32.4106019 | 32.672530 | -117.117800 | 32.5104167 | 32.67281 | -117.1178 | 32.6109375 | 32.67375 | -117.1162 |
| 32.4107755 | 32.672527 | -117.117827 | 32.5105903 | 32.67281 | -117.1178 | 32.6111111 | 32.67375 | -117.116173 |
| 32.4109491 | 32.672527 | -117.117840 | 32.5107639 | 32.67281 | -117.1178 | 32.6112847 | 32.67375 | -117.116147 |
| 32.4111111 | 32.672523 | -117.117853 | 32.5109491 | 32.67281 | -117.1178 | 32.6114699 | 32.67374 | -117.116133 |
| 32.4112847 | 32.672513 | -117.117867 | 32.5111227 | 32.67281 | -117.1178 | 32.6116435 | 32.67374 | -117.116107 |
| 32.4114699 | 32.672517 | -117.117893 | 32.5112847 | 32.67281 | -117.1178 | 32.6118171 | 32.67375 | -117.116093 |
| 32.4119792 | 32.672507 | -117.117907 | 32.5114583 | 32.67281 | -117.1178 | 32.6119792 | 32.67377 | -117.11608 |
| 32.4121528 | 32.672500 | -117.117907 | 32.5116319 | 32.67282 | -117.1178 | 32.6121528 | 32.67376 | -117.116067 |
| 32.4123264 | 32.672497 | -117.117920 | 32.5118056 | 32.67282 | -117.1178 | 32.6123264 | 32.67376 | -117.116053 |
| 32.4125116 | 32.672487 | -117.117933 | 32.5119907 | 32.67282 | -117.1178 | 32.6128588 | 32.67378 | -117.116 |
| 32.4126852 | 32.672487 | -117.117933 | 32.5121644 | 32.67282 | -117.1178 | 32.6130208 | 32.67377 | -117.115987 |
| 32.4128588 | 32.672487 | -117.117947 | 32.5123264 | 32.67282 | -117.1178 | 32.6131944 | 32.67379 | -117.115973 |
| 32.4130324 | 32.672470 | -117.117947 | 32.5125 | 32.67282 | -117.1178 | 32.6133681 | 32.67379 | -117.115947 |
| 32.4131944 | 32.672460 | -117.117987 | 32.5126736 | 32.67282 | -117.1178 | 32.6135417 | 32.6738 | -117.115973 |
| 32.4133681 | 32.672460 | -117.118000 | 32.5128588 | 32.67283 | -117.1178 | 32.6137153 | 32.67379 | -117.115973 |
| 32.4135417 | 32.672460 | -117.118000 | 32.5130324 | 32.67283 | -117.1178 | 32.6138889 | 32.67379 | -117.115933 |
| 32.4137153 | 32.672460 | -117.118000 | 32.513206 | 32.67283 | -117.1178 | 32.6140625 | 32.6738 | -117.115933 |
| 32.4138889 | 32.672460 | -117.118000 | 32.5135532 | 32.67283 | -117.1178 | 32.6142477 | 32.67381 | -117.11592 |
| 32.4140741 | 32.672460 | -117.118000 | 32.5137269 | 32.67283 | -117.1178 | 32.6144213 | 32.67382 | -117.11592 |
| 32.4142477 | 32.672457 | -117.118000 | 32.5139005 | 32.67283 | -117.1178 | 32.6145949 | 32.67383 | -117.11592 |
| 32.4144097 | 32.672457 | -117.118000 | 32.5140625 | 32.67284 | -117.1178 | 32.6147685 | 32.67383 | -117.115907 |
| 32.4145833 | 32.672457 | -117.118000 | 32.5142361 | 32.67284 | -117.1178 | 32.6149306 | 32.67383 | -117.11592 |
| 32.4147569 | 32.672457 | -117.118000 | 32.5144097 | 32.67284 | -117.1178 | 32.6151042 | 32.67384 | -117.115907 |
| 32.4149306 | 32.672457 | -117.118000 | 32.5145833 | 32.67284 | -117.1178 | 32.6152778 | 32.67384 | -117.11588 |
| 32.4151042 | 32.672457 | -117.118000 | 32.5147569 | 32.67284 | -117.1178 | 32.6154514 | 32.67384 | -117.115867 |
| 32.4152894 | 32.672460 | -117.118000 | 32.5149421 | 32.67284 | -117.1178 | 32.6156366 | 32.67384 | -117.115867 |
| 32.4158102 | 32.672453 | -117.118013 | 32.5151157 | 32.67284 | -117.1178 | 32.6158102 | 32.67384 | -117.115867 |
| 32.4159838 | 32.672450 | -117.118013 | 32.5152894 | 32.67284 | -117.1178 | 32.6159838 | 32.67383 | -117.115867 |
| 32.4161458 | 32.672443 | -117.118013 | 32.5154514 | 32.67284 | -117.1178 | 32.6161574 | 32.67384 | -117.115853 |
| 32.4163194 | 32.672443 | -117.118013 | 32.515625 | 32.67284 | -117.1178 | 32.6168519 | 32.67385 | -117.115853 |
| 32.4164931 | 32.672437 | -117.118013 | 32.5157986 | 32.67284 | -117.1178 | 32.6170255 | 32.67386 | -117.115853 |
| 32.4166667 | 32.672430 | -117.118040 | 32.5159838 | 32.67284 | -117.1178 | 32.6171991 | 32.67385 | -117.11584 |
| 32.4168519 | 32.672417 | -117.118040 | 32.5161574 | 32.67284 | -117.1178 | 32.6173611 | 32.67386 | -117.115853 |
| 32.4170255 | 32.672407 | -117.118040 | 32.516331 | 32.67284 | -117.1178 | 32.6175347 | 32.67386 | -117.115827 |
| 32.4171991 | 32.672413 | -117.118040 | 32.5165046 | 32.67285 | -117.1178 | 32.6177199 | 32.67387 | -117.115827 |
| 32.4173727 | 32.672400 | -117.118067 | 32.5166667 | 32.67285 | -117.1178 | 32.6178935 | 32.67386 | -117.11584 |
| 32.4175463 | 32.672407 | -117.118067 | 32.5168403 | 32.67285 | -117.1178 | 32.6180556 | 32.67384 | -117.115827 |
| 32.4177199 | 32.672407 | -117.118053 | 32.5173611 | 32.67285 | -117.117827 | 32.6182292 | 32.67384 | -117.11584 |
| 32.4178819 | 32.672400 | -117.118067 | 32.5175347 | 32.67284 | -117.1178 | 32.6184028 | 32.67385 | -117.11584 |
| 32.4180556 | 32.672393 | -117.118053 | 32.5177083 | 32.67283 | -117.11776 | 32.618588 | 32.67385 | -117.115827 |
| 32.4182292 | 32.672387 | -117.118053 | 32.5178819 | 32.6728 | -117.117747 | 32.6187616 | 32.67386 | -117.115827 |
| 32.4184028 | 32.672380 | -117.118053 | 32.5180671 | 32.6728 | -117.117747 | 32.6189236 | 32.67385 | -117.1158 |
| 32.4185764 | 32.672393 | -117.118053 | 32.5182407 | 32.67279 | -117.117747 | 32.6190972 | 32.67384 | -117.1158 |
| 32.4187616 | 32.672403 | -117.118053 | 32.5184144 | 32.67279 | -117.11772 | 32.6192708 | 32.67385 | -117.115773 |
| 32.4189352 | 32.672417 | -117.118067 | 32.5185764 | 32.67278 | -117.11772 | 32.619456 | 32.67384 | -117.115733 |
| 32.4190972 | 32.672417 | -117.118067 | 32.51875 | 32.67279 | -117.11772 | 32.6196296 | 32.67383 | -117.115733 |
| 32.4194444 | 32.672403 | -117.118080 | 32.5189236 | 32.67279 | -117.11772 | 32.6197917 | 32.67385 | -117.115733 |
| 32.4196181 | 32.672430 | -117.118080 | 32.5190972 | 32.67279 | -117.11772 | 32.6199653 | 32.67384 | -117.115733 |
| 32.4197917 | 32.672430 | -117.118080 | 32.5192824 | 32.67279 | -117.11772 | 32.6201389 | 32.67382 | -117.115733 |
| 32.4199653 | 32.672433 | -117.118080 | 32.519456 | 32.67279 | -117.11772 | 32.6206597 | 32.67385 | -117.115733 |
| 32.4201505 | 32.672430 | -117.118080 | 32.5196296 | 32.67279 | -117.11772 | 32.6208333 | 32.67386 | -117.115733 |
| 32.4203241 | 32.672430 | -117.118080 | 32.5197917 | 32.67279 | -117.11772 | 32.6210069 | 32.67386 | -117.115733 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4204977 | 32.672440 | -117.118067 | 32.5199653 | 32.67279 | -117.11772 | 32.6211806 | 32.67389 | -117.11572 |
| 32.4206713 | 32.672443 | -117.118067 | 32.5201389 | 32.67279 | -117.11772 | 32.6213542 | 32.67388 | -117.11572 |
| 32.4208333 | 32.672450 | -117.118067 | 32.5203125 | 32.67279 | -117.11772 | 32.6215394 | 32.67389 | -117.115733 |
| 32.4210069 | 32.672450 | -117.118067 | 32.5204977 | 32.67279 | -117.11772 | 32.621713 | 32.67389 | -117.115733 |
| 32.4211806 | 32.672450 | -117.118053 | 32.5206713 | 32.67279 | -117.11772 | 32.6218866 | 32.67388 | -117.115787 |
| 32.4213542 | 32.672440 | -117.118053 | 32.5211806 | 32.6728 | -117.11772 | 32.6220602 | 32.67387 | -117.115773 |
| 32.4215394 | 32.672437 | -117.118040 | 32.5213542 | 32.6728 | -117.11772 | 32.6222222 | 32.67386 | -117.115787 |
| 32.4217130 | 32.672417 | -117.118040 | 32.5215278 | 32.6728 | -117.11772 | 32.6223958 | 32.67386 | -117.115787 |
| 32.4218866 | 32.672397 | -117.118040 | 32.5217014 | 32.6728 | -117.117707 | 32.6225694 | 32.67386 | -117.1158 |
| 32.4220602 | 32.672383 | -117.118040 | 32.521875 | 32.67281 | -117.117693 | 32.6227431 | 32.67387 | -117.115787 |
| 32.4222222 | 32.672393 | -117.118053 | 32.5220486 | 32.67281 | -117.117693 | 32.6229167 | 32.67387 | -117.115787 |
| 32.4223958 | 32.672393 | -117.118040 | 32.5222338 | 32.67281 | -117.117693 | 32.6231019 | 32.67388 | -117.115787 |
| 32.4225694 | 32.672387 | -117.118040 | 32.5224074 | 32.67281 | -117.117693 | 32.6232755 | 32.67388 | -117.1158 |
| 32.4227431 | 32.672397 | -117.118040 | 32.522581 | 32.67281 | -117.117693 | 32.6234491 | 32.67387 | -117.115787 |
| 32.4232755 | 32.672393 | -117.118053 | 32.5227431 | 32.67281 | -117.117693 | 32.6236227 | 32.67388 | -117.115787 |
| 32.4234375 | 32.67239 | -117.118053 | 32.5229167 | 32.67282 | -117.11768 | 32.6237963 | 32.67386 | -117.115787 |
| 32.4236111 | 32.67239 | -117.118053 | 32.5230903 | 32.67282 | -117.11768 | 32.6239583 | 32.67386 | -117.115773 |
| 32.4237847 | 32.67239 | -117.11804 | 32.5232639 | 32.67283 | -117.11768 | 32.6243056 | 32.67387 | -117.11576 |
| 32.4239583 | 32.6724 | -117.118053 | 32.5234375 | 32.67284 | -117.117653 | 32.6244792 | 32.67389 | -117.115787 |
| 32.4241319 | 32.6724 | -117.11804 | 32.5236227 | 32.67285 | -117.117653 | 32.6246528 | 32.67389 | -117.115787 |
| 32.4243056 | 32.67241 | -117.11804 | 32.5237963 | 32.67285 | -117.117653 | 32.6248264 | 32.67389 | -117.115787 |
| 32.4244792 | 32.67242 | -117.118053 | 32.5239699 | 32.67285 | -117.117653 | 32.625 | 32.67389 | -117.115787 |
| 32.4246528 | 32.67241 | -117.11804 | 32.5241319 | 32.67285 | -117.117653 | 32.6251736 | 32.67389 | -117.115787 |
| 32.4248264 | 32.67241 | -117.118053 | 32.5243056 | 32.67285 | -117.117653 | 32.6253588 | 32.67389 | -117.115787 |
| 32.4250116 | 32.67239 | -117.11804 | 32.5244907 | 32.67285 | -117.117653 | 32.6255324 | 32.67389 | -117.115787 |
| 32.4251852 | 32.67238 | -117.11804 | 32.524838 | 32.67287 | -117.117627 | 32.6256944 | 32.67389 | -117.115787 |
| 32.4253588 | 32.6724 | -117.118 | 32.5250116 | 32.67288 | -117.117627 | 32.6258681 | 32.67389 | -117.115787 |
| 32.4255208 | 32.6724 | -117.118013 | 32.5251852 | 32.67288 | -117.117613 | 32.6260417 | 32.67389 | -117.115787 |
| 32.4256944 | 32.6724 | -117.118013 | 32.5253472 | 32.67288 | -117.117613 | 32.6262153 | 32.67389 | -117.115787 |
| 32.4258681 | 32.6724 | -117.118 | 32.5255208 | 32.67288 | -117.117613 | 32.6263889 | 32.67389 | -117.115787 |
| 32.4260417 | 32.67241 | -117.118 | 32.5257407 | 32.67288 | -117.117613 | 32.6265625 | 32.6739 | -117.115787 |
| 32.4262269 | 32.67241 | -117.118 | 32.5258796 | 32.67289 | -117.117613 | 32.6267361 | 32.6739 | -117.115787 |
| 32.4264005 | 32.67242 | -117.117987 | 32.5260532 | 32.67289 | -117.1176 | 32.6269097 | 32.67392 | -117.115787 |
| 32.4265857 | 32.67241 | -117.117973 | 32.5262269 | 32.67289 | -117.1176 | 32.6270833 | 32.67393 | -117.115787 |
| 32.4270949 | 32.67243 | -117.117987 | 32.5264005 | 32.67289 | -117.1176 | 32.6272569 | 32.67393 | -117.115787 |
| 32.4272685 | 32.67244 | -117.117973 | 32.5265625 | 32.6729 | -117.1176 | 32.6274421 | 32.67391 | -117.11576 |
| 32.4274421 | 32.67243 | -117.117973 | 32.5267361 | 32.6729 | -117.1176 | 32.6276157 | 32.6739 | -117.115787 |
| 32.4276157 | 32.67243 | -117.117947 | 32.5269097 | 32.6729 | -117.1176 | 32.627963 | 32.67393 | -117.115733 |
| 32.4277894 | 32.67242 | -117.117947 | 32.5270833 | 32.6729 | -117.1176 | 32.6281366 | 32.67391 | -117.115733 |
| 32.4279514 | 32.67242 | -117.117947 | 32.5272685 | 32.67292 | -117.117573 | 32.6283102 | 32.67391 | -117.115733 |
| 32.428125 | 32.67242 | -117.117933 | 32.5274421 | 32.67294 | -117.117547 | 32.6284722 | 32.67389 | -117.115733 |
| 32.4282986 | 32.67242 | -117.117933 | 32.5276157 | 32.67294 | -117.117533 | 32.6286458 | 32.67391 | -117.115733 |
| 32.4284722 | 32.67242 | -117.117933 | 32.5277778 | 32.67295 | -117.117533 | 32.6288194 | 32.67388 | -117.115733 |
| 32.4286574 | 32.67242 | -117.11792 | 32.5279514 | 32.67296 | -117.117507 | 32.6289931 | 32.67388 | -117.115733 |
| 32.428831 | 32.67243 | -117.11792 | 32.528125 | 32.67298 | -117.117507 | 32.6291782 | 32.67387 | -117.115733 |
| 32.4290046 | 32.67243 | -117.11792 | 32.5286458 | 32.67301 | -117.11748 | 32.6293519 | 32.67388 | -117.115733 |
| 32.4291782 | 32.67243 | -117.117907 | 32.5288194 | 32.67301 | -117.117467 | 32.6295255 | 32.67388 | -117.115733 |
| 32.4293403 | 32.67243 | -117.117893 | 32.5289931 | 32.67303 | -117.117467 | 32.6296991 | 32.67391 | -117.115787 |
| 32.4295139 | 32.67242 | -117.117893 | 32.5291667 | 32.67302 | -117.117453 | 32.6298727 | 32.67391 | -117.115787 |
| 32.4297338 | 32.67242 | -117.117893 | 32.5293403 | 32.67302 | -117.117453 | 32.6300347 | 32.67389 | -117.115773 |
| 32.4298611 | 32.67242 | -117.117893 | 32.5295255 | 32.67303 | -117.117413 | 32.6302083 | 32.67389 | -117.115773 |
| 32.4300463 | 32.67242 | -117.117893 | 32.5296991 | 32.67304 | -117.117413 | 32.6303819 | 32.67389 | -117.115773 |
| 32.4302199 | 32.67242 | -117.117867 | 32.5298611 | 32.67306 | -117.1174 | 32.6305556 | 32.67389 | -117.115733 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4303935 | 32.67243 | -117.117867 | 32.5300347 | 32.67306 | -117.1174 | 32.6307407 | 32.67389 | -117.11576 |
| 32.4309028 | 32.67244 | -117.117853 | 32.5302083 | 32.67307 | -117.117387 | 32.6309144 | 32.67389 | -117.11576 |
| 32.431088 | 32.67246 | -117.117827 | 32.5303819 | 32.67308 | -117.11736 | 32.631088 | 32.67389 | -117.115733 |
| 32.4312616 | 32.67246 | -117.117827 | 32.5305556 | 32.6731 | -117.117347 | 32.63125 | 32.67386 | -117.115733 |
| 32.4314352 | 32.67247 | -117.1178 | 32.5307407 | 32.67311 | -117.117347 | 32.6318056 | 32.67385 | -117.115733 |
| 32.4315972 | 32.67247 | -117.1178 | 32.5309144 | 32.67311 | -117.117347 | 32.631956 | 32.67385 | -117.115733 |
| 32.4317708 | 32.67247 | -117.1178 | 32.531088 | 32.67312 | -117.117347 | 32.6321296 | 32.67384 | -117.115733 |
| 32.4319444 | 32.67247 | -117.1178 | 32.53125 | 32.67313 | -117.11732 | 32.6322917 | 32.67385 | -117.115733 |
| 32.4321296 | 32.67247 | -117.117787 | 32.5314236 | 32.67313 | -117.11732 | 32.6324653 | 32.67384 | -117.115733 |
| 32.4323032 | 32.67249 | -117.117787 | 32.5316088 | 32.67315 | -117.117307 | 32.6326852 | 32.67384 | -117.115733 |
| 32.4324769 | 32.67249 | -117.117787 | 32.5317824 | 32.67316 | -117.11728 | 32.6328241 | 32.67384 | -117.115733 |
| 32.4326389 | 32.67249 | -117.117787 | 32.5319444 | 32.67316 | -117.11728 | 32.6329977 | 32.67384 | -117.115733 |
| 32.4328125 | 32.6725 | -117.117787 | 32.5324653 | 32.6732 | -117.117253 | 32.6331597 | 32.67383 | -117.11576 |
| 32.4329861 | 32.67251 | -117.117787 | 32.5326389 | 32.67322 | -117.117227 | 32.6333333 | 32.67383 | -117.11576 |
| 32.4331713 | 32.6725 | -117.117787 | 32.5328125 | 32.67323 | -117.117227 | 32.6335069 | 32.67383 | -117.11576 |
| 32.4333449 | 32.6725 | -117.117773 | 32.5329861 | 32.67324 | -117.117227 | 32.6336806 | 32.67383 | -117.11576 |
| 32.4335185 | 32.6725 | -117.11776 | 32.5331713 | 32.67325 | -117.117227 | 32.6338657 | 32.67381 | -117.115733 |
| 32.4336921 | 32.6725 | -117.11776 | 32.5333449 | 32.67326 | -117.117227 | 32.6340394 | 32.67381 | -117.115733 |
| 32.4338542 | 32.67249 | -117.11776 | 32.5335069 | 32.67326 | -117.1172 | 32.634213 | 32.67381 | -117.115733 |
| 32.4340278 | 32.6725 | -117.117747 | 32.5336806 | 32.67327 | -117.1172 | 32.634375 | 32.67383 | -117.115733 |
| 32.4342014 | 32.67252 | -117.117747 | 32.5338542 | 32.67327 | -117.1172 | 32.6345486 | 32.67384 | -117.115733 |
| 32.4347222 | 32.67253 | -117.117747 | 32.5340278 | 32.67327 | -117.1172 | 32.6347222 | 32.67383 | -117.115773 |
| 32.4348958 | 32.67252 | -117.11772 | 32.534213 | 32.67328 | -117.117187 | 32.6348958 | 32.67384 | -117.115787 |
| 32.4350694 | 32.67254 | -117.11772 | 32.5343866 | 32.67329 | -117.117187 | 32.635081 | 32.67383 | -117.115787 |
| 32.4352431 | 32.67254 | -117.11772 | 32.5345486 | 32.67329 | -117.117187 | 32.6354282 | 32.67382 | -117.115787 |
| 32.4354282 | 32.67254 | -117.117747 | 32.5347222 | 32.67329 | -117.117187 | 32.6356019 | 32.67382 | -117.115787 |
| 32.4356019 | 32.67254 | -117.117747 | 32.5348958 | 32.67329 | -117.117187 | 32.6357639 | 32.67382 | -117.115787 |
| 32.4357755 | 32.67255 | -117.11772 | 32.5350694 | 32.6733 | -117.117187 | 32.6359375 | 32.67381 | -117.115787 |
| 32.4359375 | 32.67257 | -117.117707 | 32.5352431 | 32.6733 | -117.117187 | 32.6361111 | 32.6738 | -117.115787 |
| 32.4361111 | 32.67257 | -117.11768 | 32.5354167 | 32.67332 | -117.117173 | 32.636331 | 32.6738 | -117.115787 |
| 32.4362847 | 32.67258 | -117.117653 | 32.5355903 | 32.67332 | -117.117173 | 32.6364699 | 32.67381 | -117.1158 |
| 32.4364699 | 32.67257 | -117.117653 | 32.5357639 | 32.67332 | -117.11716 | 32.6366435 | 32.6738 | -117.1158 |
| 32.4366435 | 32.67258 | -117.117653 | 32.5362847 | 32.67334 | -117.117173 | 32.6368056 | 32.6738 | -117.1158 |
| 32.4368171 | 32.67258 | -117.117653 | 32.5364699 | 32.67335 | -117.117173 | 32.6369792 | 32.67379 | -117.115787 |
| 32.4369792 | 32.6726 | -117.11764 | 32.5366435 | 32.67335 | -117.117173 | 32.6371528 | 32.67379 | -117.115787 |
| 32.4371528 | 32.6726 | -117.11764 | 32.5368171 | 32.67336 | -117.11716 | 32.6373264 | 32.67378 | -117.1158 |
| 32.4373264 | 32.67261 | -117.11764 | 32.5369907 | 32.67335 | -117.117173 | 32.6375116 | 32.67379 | -117.1158 |
| 32.4375 | 32.67262 | -117.117627 | 32.5371644 | 32.67332 | -117.117173 | 32.6376852 | 32.6738 | -117.1158 |
| 32.4376852 | 32.67262 | -117.117613 | 32.537338 | 32.67329 | -117.117133 | 32.6378588 | 32.6738 | -117.1158 |
| 32.4378588 | 32.67263 | -117.1176 | 32.5375116 | 32.67326 | -117.117133 | 32.6380324 | 32.6738 | -117.115827 |
| 32.4380208 | 32.67263 | -117.1176 | 32.5376852 | 32.67324 | -117.11712 | 32.6381944 | 32.6738 | -117.1158 |
| 32.4385532 | 32.67265 | -117.1176 | 32.5378588 | 32.67323 | -117.11708 | 32.6383681 | 32.67379 | -117.115787 |
| 32.4387269 | 32.67265 | -117.1176 | 32.5380208 | 32.6732 | -117.11704 | 32.6385417 | 32.67379 | -117.115787 |
| 32.4388889 | 32.67266 | -117.1176 | 32.5381944 | 32.6732 | -117.117013 | 32.6387269 | 32.67378 | -117.1158 |
| 32.4390625 | 32.67268 | -117.1176 | 32.5383681 | 32.6732 | -117.116987 | 32.6390741 | 32.67378 | -117.1158 |
| 32.4392361 | 32.67269 | -117.117573 | 32.5385417 | 32.67321 | -117.116987 | 32.6392477 | 32.67378 | -117.1158 |
| 32.4394097 | 32.6727 | -117.11756 | 32.5387153 | 32.67321 | -117.116987 | 32.6394097 | 32.67378 | -117.1158 |
| 32.4395833 | 32.67271 | -117.117547 | 32.5388889 | 32.67322 | -117.116987 | 32.6395833 | 32.67378 | -117.1158 |
| 32.4397685 | 32.67271 | -117.117533 | 32.5390625 | 32.67323 | -117.11696 | 32.6397569 | 32.67377 | -117.1158 |
| 32.4399421 | 32.67271 | -117.117533 | 32.5392361 | 32.67323 | -117.116947 | 32.6399306 | 32.67377 | -117.1158 |
| 32.4401157 | 32.67271 | -117.117507 | 32.5394097 | 32.67324 | -117.116933 | 32.6401157 | 32.67378 | -117.115827 |
| 32.4402894 | 32.67271 | -117.117507 | 32.5395833 | 32.67325 | -117.116933 | 32.6402894 | 32.67377 | -117.115827 |
| 32.440463 | 32.67271 | -117.117507 | 32.5399421 | 32.67326 | -117.116933 | 32.640463 | 32.67375 | -117.115827 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.440625 | 32.67272 | -117.117507 | 32.5401157 | 32.67326 | -117.116893 | 32.640625 | 32.67375 | -117.115827 |
| 32.4407986 | 32.67273 | -117.117493 | 32.5402894 | 32.67326 | -117.11688 | 32.6407986 | 32.67374 | -117.1158 |
| 32.4409722 | 32.67272 | -117.117493 | 32.5404514 | 32.67327 | -117.116867 | 32.6409722 | 32.67374 | -117.1158 |
| 32.4411458 | 32.67272 | -117.11748 | 32.540625 | 32.67327 | -117.116867 | 32.6411458 | 32.67374 | -117.115787 |
| 32.441331 | 32.67273 | -117.11748 | 32.5407986 | 32.67327 | -117.116867 | 32.6413194 | 32.67374 | -117.115787 |
| 32.4415046 | 32.67273 | -117.11748 | 32.5409722 | 32.67327 | -117.11684 | 32.6414931 | 32.67375 | -117.1158 |
| 32.4416782 | 32.67273 | -117.11748 | 32.5411574 | 32.67327 | -117.11684 | 32.6416782 | 32.67375 | -117.1158 |
| 32.4421991 | 32.67275 | -117.117467 | 32.541331 | 32.67327 | -117.11684 | 32.6418519 | 32.67375 | -117.115787 |
| 32.4423727 | 32.67275 | -117.117453 | 32.5415046 | 32.67327 | -117.11684 | 32.6420255 | 32.67377 | -117.115787 |
| 32.4425463 | 32.67275 | -117.117453 | 32.5416782 | 32.67327 | -117.11684 | 32.6421875 | 32.67377 | -117.115787 |
| 32.4427083 | 32.67275 | -117.117453 | 32.5418403 | 32.67328 | -117.11684 | 32.6423611 | 32.67378 | -117.1158 |
| 32.4428819 | 32.67275 | -117.117453 | 32.5420139 | 32.67328 | -117.11684 | 32.6427199 | 32.67377 | -117.115787 |
| 32.4430556 | 32.67275 | -117.117453 | 32.5421875 | 32.67328 | -117.11684 | 32.6428935 | 32.67377 | -117.115787 |
| 32.4432292 | 32.67275 | -117.117453 | 32.5423611 | 32.67328 | -117.11684 | 32.6430671 | 32.67378 | -117.1158 |
| 32.4434028 | 32.67275 | -117.117453 | 32.5425347 | 32.67328 | -117.11684 | 32.6432292 | 32.67378 | -117.115827 |
| 32.4435764 | 32.67275 | -117.117453 | 32.5427199 | 32.67328 | -117.11684 | 32.6434028 | 32.67378 | -117.115827 |
| 32.44375 | 32.67275 | -117.117453 | 32.5428935 | 32.67328 | -117.11684 | 32.6435764 | 32.67378 | -117.115827 |
| 32.4439352 | 32.67275 | -117.117453 | 32.5430556 | 32.67328 | -117.11684 | 32.64375 | 32.6738 | -117.115827 |
| 32.4441088 | 32.67275 | -117.117453 | 32.5432292 | 32.67328 | -117.11684 | 32.6439236 | 32.67379 | -117.115827 |
| 32.4442824 | 32.67275 | -117.117453 | 32.5435764 | 32.67328 | -117.11684 | 32.6440972 | 32.67379 | -117.1158 |
| 32.444456 | 32.67276 | -117.117453 | 32.54375 | 32.67328 | -117.11684 | 32.6442824 | 32.67378 | -117.1158 |
| 32.4446181 | 32.67276 | -117.117453 | 32.5439236 | 32.67328 | -117.11684 | 32.644456 | 32.67378 | -117.1158 |
| 32.4447917 | 32.67276 | -117.117453 | 32.5441088 | 32.67328 | -117.11684 | 32.6446875 | 32.67377 | -117.1158 |
| 32.4449653 | 32.67276 | -117.117427 | 32.5442824 | 32.67328 | -117.11684 | 32.6447917 | 32.67377 | -117.1158 |
| 32.4451389 | 32.67277 | -117.117413 | 32.5444444 | 32.67328 | -117.11684 | 32.6449653 | 32.67378 | -117.1158 |
| 32.4453241 | 32.67277 | -117.117413 | 32.5446181 | 32.67328 | -117.116827 | 32.6451389 | 32.67379 | -117.1158 |
| 32.4454977 | 32.67277 | -117.117413 | 32.5447917 | 32.67328 | -117.116827 | 32.6453241 | 32.6738 | -117.1158 |
| 32.4460185 | 32.67276 | -117.1174 | 32.5449769 | 32.67328 | -117.116827 | 32.6454977 | 32.67381 | -117.1158 |
| 32.4461921 | 32.67277 | -117.1174 | 32.5451505 | 32.67329 | -117.116827 | 32.6456713 | 32.67381 | -117.1158 |
| 32.4463657 | 32.67278 | -117.117387 | 32.5453125 | 32.67329 | -117.116827 | 32.6458333 | 32.6738 | -117.115787 |
| 32.4465394 | 32.67278 | -117.11736 | 32.5454861 | 32.67328 | -117.116827 | 32.6460069 | 32.67382 | -117.115787 |
| 32.446713 | 32.67279 | -117.11736 | 32.5456597 | 32.67328 | -117.116813 | 32.6463542 | 32.67382 | -117.1158 |
| 32.446875 | 32.67279 | -117.11736 | 32.5458333 | 32.67329 | -117.116813 | 32.6465278 | 32.67381 | -117.1158 |
| 32.4470486 | 32.67279 | -117.11736 | 32.5460185 | 32.67329 | -117.116813 | 32.646713 | 32.67382 | -117.1158 |
| 32.4472222 | 32.67279 | -117.11736 | 32.5461921 | 32.67329 | -117.116813 | 32.6468866 | 32.6738 | -117.115787 |
| 32.4474074 | 32.6728 | -117.11736 | 32.5463657 | 32.67329 | -117.116813 | 32.6470602 | 32.67382 | -117.115787 |
| 32.447581 | 32.6728 | -117.11736 | 32.5465394 | 32.67329 | -117.116813 | 32.6472222 | 32.67383 | -117.115787 |
| 32.4477546 | 32.6728 | -117.11736 | 32.5467014 | 32.67328 | -117.116813 | 32.6473958 | 32.67383 | -117.115773 |
| 32.4479282 | 32.6728 | -117.11736 | 32.546875 | 32.67329 | -117.116813 | 32.6475694 | 32.67383 | -117.11576 |
| 32.4480903 | 32.6728 | -117.11736 | 32.5474074 | 32.67328 | -117.116813 | 32.6477546 | 32.67384 | -117.115773 |
| 32.4482639 | 32.6728 | -117.11736 | 32.547581 | 32.67328 | -117.1168 | 32.6479282 | 32.67384 | -117.115733 |
| 32.4484375 | 32.6728 | -117.11736 | 32.5477431 | 32.67328 | -117.1168 | 32.6480903 | 32.67384 | -117.11576 |
| 32.4486227 | 32.6728 | -117.11736 | 32.5479167 | 32.67328 | -117.1168 | 32.6482639 | 32.67384 | -117.115773 |
| 32.4487963 | 32.6728 | -117.11736 | 32.5480903 | 32.67329 | -117.1168 | 32.6484375 | 32.67384 | -117.11576 |
| 32.4489699 | 32.6728 | -117.11736 | 32.5482639 | 32.67329 | -117.1168 | 32.6486111 | 32.67385 | -117.11576 |
| 32.4491435 | 32.6728 | -117.117347 | 32.5484375 | 32.67329 | -117.1168 | 32.6487963 | 32.67385 | -117.115733 |
| 32.4493056 | 32.67279 | -117.117347 | 32.5486227 | 32.67329 | -117.1168 | 32.6489699 | 32.67385 | -117.115733 |
| 32.449838 | 32.67278 | -117.117347 | 32.5487963 | 32.67329 | -117.1168 | 32.6491435 | 32.67386 | -117.11576 |
| 32.4500116 | 32.67278 | -117.117347 | 32.5489699 | 32.67329 | -117.1168 | 32.6493171 | 32.67387 | -117.11576 |
| 32.4501736 | 32.67278 | -117.117347 | 32.5491435 | 32.67329 | -117.116787 | 32.6494792 | 32.67387 | -117.115787 |
| 32.4503472 | 32.67278 | -117.117347 | 32.5493056 | 32.67329 | -117.116787 | 32.6496528 | 32.67388 | -117.115787 |
| 32.4505208 | 32.67278 | -117.117347 | 32.5494792 | 32.67329 | -117.116787 | 32.6501736 | 32.67389 | -117.115773 |

DrEx 107

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3717824 | 32.674113 | -117.115973 | 32.4715278 | 32.67299 | -117.116067 | 32.5737847 | 32.67371 | -117.116227 |
| 32.3718750 | 32.674090 | -117.115987 | 32.4717014 | 32.67299 | -117.116067 | 32.5739583 | 32.67371 | -117.116227 |
| 32.3720486 | 32.674083 | -117.115973 | 32.4718866 | 32.67299 | -117.116067 | 32.5741435 | 32.67371 | -117.116227 |
| 32.3722338 | 32.674067 | -117.115973 | 32.4723958 | 32.673 | -117.1162 | 32.5743171 | 32.67371 | -117.116227 |
| 32.3724074 | 32.674057 | -117.115973 | 32.4725694 | 32.673 | -117.11624 | 32.5744907 | 32.67371 | -117.116227 |
| 32.3725694 | 32.674047 | -117.115973 | 32.4727431 | 32.673 | -117.116253 | 32.5746528 | 32.67371 | -117.116227 |
| 32.3727431 | 32.674040 | -117.115973 | 32.4729282 | 32.673 | -117.116253 | 32.5751736 | 32.67372 | -117.116213 |
| 32.3729167 | 32.674030 | -117.115987 | 32.4731019 | 32.673 | -117.116253 | 32.5753472 | 32.67372 | -117.116213 |
| 32.3730903 | 32.674020 | -117.115987 | 32.4733102 | 32.673 | -117.116253 | 32.5755208 | 32.67372 | -117.116213 |
| 32.3732639 | 32.674017 | -117.115987 | 32.4734375 | 32.673 | -117.116253 | 32.575706 | 32.67372 | -117.116213 |
| 32.3735417 | 32.674000 | -117.115987 | 32.4736111 | 32.673 | -117.116253 | 32.5758796 | 32.67372 | -117.116213 |
| 32.3736227 | 32.673993 | -117.115987 | 32.4738542 | 32.673 | -117.116253 | 32.5760417 | 32.67373 | -117.116213 |
| 32.3737963 | 32.673993 | -117.116000 | 32.4739583 | 32.673 | -117.116253 | 32.5762269 | 32.67373 | -117.1162 |
| 32.3739699 | 32.673993 | -117.116000 | 32.4741319 | 32.673 | -117.116253 | 32.5764005 | 32.67373 | -117.1162 |
| 32.3741435 | 32.673987 | -117.116000 | 32.4743056 | 32.673 | -117.116253 | 32.5765741 | 32.67373 | -117.1162 |
| 32.3743056 | 32.673980 | -117.116000 | 32.4744792 | 32.673 | -117.116253 | 32.5767361 | 32.67373 | -117.1162 |
| 32.3744792 | 32.673980 | -117.116000 | 32.4747454 | 32.673 | -117.116253 | 32.5769097 | 32.67373 | -117.1162 |
| 32.3747454 | 32.673960 | -117.116013 | 32.4748264 | 32.673 | -117.116253 | 32.5770949 | 32.67373 | -117.1162 |
| 32.3748264 | 32.673950 | -117.116013 | 32.4750347 | 32.673 | -117.116253 | 32.5772685 | 32.67373 | -117.1162 |
| 32.3750000 | 32.673950 | -117.116013 | 32.4751852 | 32.673 | -117.116253 | 32.5774421 | 32.67375 | -117.11616 |
| 32.3755324 | 32.673927 | -117.116013 | 32.4753472 | 32.673 | -117.116253 | 32.5776157 | 32.67377 | -117.116147 |
| 32.3757060 | 32.673927 | -117.116013 | 32.4755208 | 32.673 | -117.116253 | 32.5777778 | 32.6738 | -117.116107 |
| 32.3758796 | 32.673923 | -117.116013 | 32.4756944 | 32.673 | -117.116253 | 32.5779514 | 32.67382 | -117.11608 |
| 32.3760417 | 32.673923 | -117.116013 | 32.4762153 | 32.67301 | -117.116253 | 32.578125 | 32.67384 | -117.116053 |
| 32.3762153 | 32.673913 | -117.116013 | 32.4763889 | 32.67301 | -117.116253 | 32.5782986 | 32.67384 | -117.116027 |
| 32.3763889 | 32.673900 | -117.116027 | 32.4765625 | 32.67301 | -117.116253 | 32.5784722 | 32.67384 | -117.116013 |
| 32.3765741 | 32.673897 | -117.116027 | 32.4767477 | 32.67301 | -117.116253 | 32.5790046 | 32.67384 | -117.116 |
| 32.3767477 | 32.673897 | -117.116027 | 32.4769213 | 32.67301 | -117.116253 | 32.5791782 | 32.67384 | -117.116 |
| 32.3769213 | 32.673887 | -117.116027 | 32.4770949 | 32.67301 | -117.116253 | 32.5793866 | 32.67384 | -117.115987 |
| 32.3771065 | 32.673857 | -117.116053 | 32.4772685 | 32.67301 | -117.116253 | 32.5795139 | 32.67384 | -117.115987 |
| 32.3772569 | 32.673850 | -117.116053 | 32.4774421 | 32.67301 | -117.116253 | 32.5796875 | 32.67384 | -117.115987 |
| 32.3774884 | 32.673850 | -117.116053 | 32.4776042 | 32.67301 | -117.116253 | 32.5798611 | 32.67384 | -117.115987 |
| 32.3776157 | 32.673850 | -117.116053 | 32.4777778 | 32.67301 | -117.116253 | 32.5800347 | 32.67384 | -117.115987 |
| 32.3777894 | 32.673850 | -117.116053 | 32.4779977 | 32.67301 | -117.116253 | 32.5802083 | 32.67384 | -117.115987 |
| 32.3779630 | 32.673843 | -117.116053 | 32.478125 | 32.67301 | -117.116253 | 32.5803819 | 32.67384 | -117.115987 |
| 32.3781944 | 32.673833 | -117.116053 | 32.4783102 | 32.67301 | -117.116253 | 32.5805556 | 32.67384 | -117.115987 |
| 32.3783912 | 32.673823 | -117.116053 | 32.4784838 | 32.67301 | -117.116253 | 32.5807407 | 32.67384 | -117.115987 |
| 32.3784722 | 32.673823 | -117.116053 | 32.4787153 | 32.67301 | -117.116253 | 32.5809144 | 32.67384 | -117.115987 |
| 32.3786458 | 32.673823 | -117.116053 | 32.4788194 | 32.67301 | -117.116253 | 32.581088 | 32.67384 | -117.115987 |
| 32.3788194 | 32.673823 | -117.116053 | 32.4789931 | 32.67301 | -117.116253 | 32.5812616 | 32.67384 | -117.115987 |
| 32.3793403 | 32.673823 | -117.116053 | 32.4791667 | 32.67301 | -117.116253 | 32.5814352 | 32.67385 | -117.115987 |
| 32.3795255 | 32.673820 | -117.116053 | 32.4793403 | 32.67301 | -117.116253 | 32.5816088 | 32.67385 | -117.115987 |
| 32.3796991 | 32.673820 | -117.116053 | 32.4795255 | 32.67301 | -117.116253 | 32.5817824 | 32.67385 | -117.115987 |
| 32.3798727 | 32.673820 | -117.116053 | 32.4800347 | 32.67301 | -117.11624 | 32.581956 | 32.67385 | -117.115987 |
| 32.3800347 | 32.673813 | -117.116053 | 32.4802199 | 32.67301 | -117.11624 | 32.5821181 | 32.67385 | -117.115987 |
| 32.3802083 | 32.673813 | -117.116053 | 32.4803935 | 32.67301 | -117.11624 | 32.5822917 | 32.67385 | -117.115987 |
| 32.3803819 | 32.673813 | -117.116053 | 32.4805556 | 32.67301 | -117.11624 | 32.5838657 | 32.67391 | -117.115987 |
| 32.3805556 | 32.673807 | -117.116053 | 32.4807292 | 32.67301 | -117.11624 | 32.5840394 | 32.67393 | -117.115973 |
| 32.3807292 | 32.673807 | -117.116053 | 32.4809028 | 32.67301 | -117.11624 | 32.5842014 | 32.67393 | -117.115973 |
| 32.3809028 | 32.673807 | -117.116053 | 32.4810764 | 32.67301 | -117.11624 | 32.5844097 | 32.67393 | -117.115973 |
| 32.3810880 | 32.673803 | -117.116067 | 32.48125 | 32.67301 | -117.116227 | 32.5845602 | 32.67393 | -117.115973 |
| 32.3812616 | 32.673797 | -117.116067 | 32.4814236 | 32.67301 | -117.116227 | 32.5847338 | 32.67394 | -117.115973 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3814352 | 32.673790 | -117.116067 | 32.4815972 | 32.67301 | -117.116227 | 32.5848958 | 32.67394 | -117.115973 |
| 32.3816088 | 32.673790 | -117.116067 | 32.4817708 | 32.67301 | -117.116227 | 32.5850694 | 32.67394 | -117.115947 |
| 32.3817824 | 32.673777 | -117.116067 | 32.4819444 | 32.67301 | -117.116227 | 32.5852431 | 32.67394 | -117.115947 |
| 32.3819560 | 32.673777 | -117.116067 | 32.4821181 | 32.67301 | -117.116227 | 32.5854167 | 32.67394 | -117.115947 |
| 32.3821181 | 32.673777 | -117.116067 | 32.4823032 | 32.67301 | -117.116227 | 32.5856019 | 32.67394 | -117.115947 |
| 32.3822917 | 32.673777 | -117.116067 | 32.4824769 | 32.67301 | -117.116227 | 32.5857755 | 32.67394 | -117.115947 |
| 32.3824653 | 32.673770 | -117.116067 | 32.4826505 | 32.67301 | -117.116227 | 32.5859607 | 32.67394 | -117.115947 |
| 32.3826389 | 32.673770 | -117.116067 | 32.4828125 | 32.67301 | -117.116227 | 32.5861111 | 32.67394 | -117.115947 |
| 32.3831713 | 32.673753 | -117.116080 | 32.4829861 | 32.67301 | -117.116227 | 32.5862847 | 32.67394 | -117.115947 |
| 32.3833333 | 32.673753 | -117.116080 | 32.4831597 | 32.67301 | -117.116227 | 32.5864699 | 32.67394 | -117.115947 |
| 32.3835069 | 32.673753 | -117.116080 | 32.4833333 | 32.67301 | -117.116227 | 32.5866435 | 32.67394 | -117.115947 |
| 32.3836806 | 32.673753 | -117.116080 | 32.4849074 | 32.67301 | -117.116213 | 32.5868056 | 32.67394 | -117.115947 |
| 32.3838542 | 32.673753 | -117.116080 | 32.485081 | 32.67301 | -117.116213 | 32.5869792 | 32.67394 | -117.115947 |
| 32.3840625 | 32.673750 | -117.116080 | 32.4852546 | 32.67301 | -117.116213 | 32.5871528 | 32.67395 | -117.115947 |
| 32.3842130 | 32.673750 | -117.116080 | 32.4854282 | 32.67301 | -117.116213 | 32.5876852 | 32.67395 | -117.115947 |
| 32.3843866 | 32.673750 | -117.116080 | 32.4855903 | 32.67301 | -117.116213 | 32.5878588 | 32.67395 | -117.115947 |
| 32.3845486 | 32.673750 | -117.116080 | 32.4857639 | 32.67301 | -117.116213 | 32.5880324 | 32.67395 | -117.115947 |
| 32.3847222 | 32.673747 | -117.116080 | 32.4859375 | 32.67301 | -117.116213 | 32.5881944 | 32.67395 | -117.115947 |
| 32.3848958 | 32.673747 | -117.116080 | 32.4861111 | 32.67301 | -117.116213 | 32.5883681 | 32.67395 | -117.115947 |
| 32.3850810 | 32.673747 | -117.116080 | 32.4862847 | 32.67301 | -117.116213 | 32.5885532 | 32.67395 | -117.115947 |
| 32.3852546 | 32.673743 | -117.116080 | 32.4865046 | 32.67302 | -117.116213 | 32.5887269 | 32.67397 | -117.115933 |
| 32.3854167 | 32.673743 | -117.116080 | 32.4866435 | 32.67302 | -117.116213 | 32.5889931 | 32.67398 | -117.115933 |
| 32.3855903 | 32.673743 | -117.116080 | 32.4868171 | 32.67302 | -117.116213 | 32.5890972 | 32.67398 | -117.115933 |
| 32.3857986 | 32.673740 | -117.116080 | 32.4870023 | 32.67302 | -117.116213 | 32.5892361 | 32.67398 | -117.115933 |
| 32.3859491 | 32.673740 | -117.116080 | 32.4871528 | 32.67302 | -117.1162 | 32.5894097 | 32.67398 | -117.115933 |
| 32.3861227 | 32.673740 | -117.116080 | 32.487338 | 32.67302 | -117.1162 | 32.5896296 | 32.67399 | -117.11592 |
| 32.3862963 | 32.673740 | -117.116093 | 32.4875116 | 32.67302 | -117.1162 | 32.5897685 | 32.67399 | -117.11592 |
| 32.3864699 | 32.673740 | -117.116093 | 32.4876852 | 32.67301 | -117.1162 | 32.5899421 | 32.67402 | -117.115907 |
| 32.3871065 | 32.673733 | -117.116093 | 32.4878588 | 32.67301 | -117.1162 | 32.5901157 | 32.67404 | -117.115907 |
| 32.3873264 | 32.673730 | -117.116093 | 32.4880324 | 32.67301 | -117.1162 | 32.5903009 | 32.67404 | -117.115907 |
| 32.3875000 | 32.673730 | -117.116093 | 32.488206 | 32.67301 | -117.1162 | 32.5904514 | 32.67404 | -117.11588 |
| 32.3876852 | 32.673727 | -117.116093 | 32.4887269 | 32.67301 | -117.1162 | 32.5906366 | 32.67404 | -117.11588 |
| 32.3878588 | 32.673727 | -117.116093 | 32.4889352 | 32.67301 | -117.1162 | 32.5908102 | 32.67404 | -117.11588 |
| 32.3880324 | 32.673723 | -117.116093 | 32.4890625 | 32.67301 | -117.1162 | 32.5909838 | 32.67404 | -117.11588 |
| 32.3882060 | 32.673723 | -117.116107 | 32.4892361 | 32.67301 | -117.1162 | 32.5914931 | 32.67406 | -117.11588 |
| 32.3884259 | 32.673717 | -117.116107 | 32.4894097 | 32.67301 | -117.1162 | 32.5916667 | 32.67408 | -117.11588 |
| 32.3885532 | 32.673717 | -117.116107 | 32.4895833 | 32.67301 | -117.1162 | 32.5918403 | 32.67408 | -117.11588 |
| 32.3888542 | 32.673717 | -117.116107 | 32.4897685 | 32.67301 | -117.1162 | 32.5920139 | 32.67408 | -117.11588 |
| 32.3890741 | 32.673713 | -117.116107 | 32.4899421 | 32.67301 | -117.1162 | 32.5921875 | 32.67411 | -117.115867 |
| 32.3892361 | 32.673713 | -117.116107 | 32.4901157 | 32.67301 | -117.1162 | 32.5923611 | 32.67413 | -117.115867 |
| 32.3894097 | 32.673713 | -117.116107 | 32.4902778 | 32.67301 | -117.1162 | 32.5925347 | 32.67413 | -117.115867 |
| 32.3896412 | 32.673710 | -117.116107 | 32.4904514 | 32.67301 | -117.1162 | 32.5927083 | 32.67413 | -117.115867 |
| 32.3897685 | 32.673710 | -117.116107 | 32.490625 | 32.67301 | -117.1162 | 32.5928819 | 32.67413 | -117.115867 |
| 32.3899884 | 32.673707 | -117.116107 | 32.4907986 | 32.67301 | -117.1162 | 32.5930671 | 32.67413 | -117.115867 |
| 32.3901157 | 32.673707 | -117.116107 | 32.4909838 | 32.67301 | -117.1162 | 32.5932407 | 32.67414 | -117.115867 |
| 32.3902778 | 32.673707 | -117.116107 | 32.4912153 | 32.67301 | -117.1162 | 32.5935648 | 32.67414 | -117.115853 |
| 32.3904514 | 32.673707 | -117.116107 | 32.4913194 | 32.67301 | -117.1162 | 32.5937616 | 32.67414 | -117.115853 |
| 32.3906250 | 32.673703 | -117.116107 | 32.4914931 | 32.67301 | -117.1162 | 32.5939352 | 32.67414 | -117.115853 |
| 32.3911574 | 32.673687 | -117.116133 | 32.4916667 | 32.673 | -117.1162 | 32.5940972 | 32.67414 | -117.115853 |
| 32.3913310 | 32.673667 | -117.116147 | 32.4918403 | 32.673 | -117.1162 | 32.5942708 | 32.67415 | -117.115853 |
| 32.3914931 | 32.673667 | -117.116147 | 32.4920255 | 32.673 | -117.1162 | 32.5944444 | 32.67415 | -117.115853 |
| 32.3916667 | 32.673667 | -117.116147 | 32.4925463 | 32.673 | -117.1162 | 32.5946296 | 32.67415 | -117.115853 |
| 32.3918403 | 32.673667 | -117.116147 | 32.4927083 | 32.673 | -117.1162 | 32.5948032 | 32.67415 | -117.115853 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3920139 | 32.673660 | -117.116147 | 32.4928819 | 32.673 | -117.1162 | 32.5949653 | 32.67415 | -117.115853 |
| 32.3921875 | 32.673660 | -117.116147 | 32.4930556 | 32.673 | -117.116173 | 32.5958449 | 32.67416 | -117.115853 |
| 32.3923611 | 32.673653 | -117.116160 | 32.4932407 | 32.67301 | -117.11616 | 32.5960185 | 32.67416 | -117.115853 |
| 32.3925347 | 32.673653 | -117.116160 | 32.4934144 | 32.673 | -117.11616 | 32.5961921 | 32.67416 | -117.115853 |
| 32.3927431 | 32.673650 | -117.116160 | 32.4935764 | 32.67298 | -117.116147 | 32.5963657 | 32.67419 | -117.115827 |
| 32.3928935 | 32.673650 | -117.116160 | 32.49375 | 32.67298 | -117.116147 | 32.5965394 | 32.67421 | -117.115827 |
| 32.3930671 | 32.673647 | -117.116160 | 32.4939699 | 32.67297 | -117.116133 | 32.5967014 | 32.67423 | -117.115827 |
| 32.3932292 | 32.673647 | -117.116173 | 32.4940972 | 32.67297 | -117.116133 | 32.596875 | 32.67423 | -117.115827 |
| 32.3934028 | 32.673630 | -117.116200 | 32.4942708 | 32.67295 | -117.116133 | 32.5970486 | 32.67424 | -117.1158 |
| 32.3935764 | 32.673623 | -117.116200 | 32.4944444 | 32.67295 | -117.116133 | 32.5972222 | 32.67425 | -117.1158 |
| 32.3937500 | 32.673623 | -117.116200 | 32.4946296 | 32.67295 | -117.116133 | 32.5974074 | 32.67426 | -117.1158 |
| 32.3939236 | 32.673623 | -117.116200 | 32.4948032 | 32.67293 | -117.116107 | 32.5976736 | 32.67426 | -117.115787 |
| 32.3941088 | 32.673623 | -117.116200 | 32.4949769 | 32.6729 | -117.116107 | 32.5977546 | 32.67427 | -117.115787 |
| 32.3942824 | 32.673620 | -117.116200 | 32.4951505 | 32.67289 | -117.116107 | 32.5979282 | 32.67427 | -117.115787 |
| 32.3944560 | 32.673620 | -117.116200 | 32.4953357 | 32.67289 | -117.116107 | 32.5980903 | 32.67427 | -117.115787 |
| 32.3949653 | 32.673597 | -117.116200 | 32.4954861 | 32.67288 | -117.116093 | 32.5982639 | 32.67428 | -117.1158 |
| 32.3951505 | 32.673593 | -117.116213 | 32.4956597 | 32.67288 | -117.11608 | 32.5984375 | 32.67428 | -117.1158 |
| 32.3953241 | 32.673593 | -117.116213 | 32.4958449 | 32.67288 | -117.11608 | 32.5986111 | 32.67429 | -117.115787 |
| 32.3954861 | 32.673587 | -117.116213 | 32.4970486 | 32.67299 | -117.116293 | 32.5987847 | 32.67429 | -117.115787 |
| 32.3956597 | 32.673587 | -117.116213 | 32.4972222 | 32.67299 | -117.116293 | 32.5989583 | 32.67429 | -117.115787 |
| 32.3958333 | 32.673583 | -117.116213 | 32.4973958 | 32.67299 | -117.116307 | 32.5991435 | 32.67429 | -117.115787 |
| 32.3960185 | 32.673580 | -117.116213 | 32.4975694 | 32.67299 | -117.116307 | 32.599537 | 32.67429 | -117.115787 |
| 32.3961921 | 32.673557 | -117.116240 | 32.4977546 | 32.67299 | -117.116307 | 32.5996644 | 32.67429 | -117.115787 |
| 32.3963657 | 32.673557 | -117.116240 | 32.4979282 | 32.67299 | -117.116307 | 32.599838 | 32.67429 | -117.115787 |
| 32.3965278 | 32.673550 | -117.116240 | 32.4981019 | 32.67299 | -117.116307 | 32.6 | 32.6743 | -117.115787 |
| 32.3967014 | 32.673550 | -117.116240 | 32.4982639 | 32.67299 | -117.116293 | 32.6001736 | 32.6743 | -117.115787 |
| 32.3968750 | 32.673550 | -117.116240 | 32.4984375 | 32.67299 | -117.116293 | 32.6003472 | 32.6743 | -117.115787 |
| 32.3970486 | 32.673550 | -117.116253 | 32.4986111 | 32.67299 | -117.116293 | 32.6005208 | 32.6743 | -117.115787 |
| 32.3972222 | 32.673530 | -117.116253 | 32.4987847 | 32.67299 | -117.116293 | 32.6006944 | 32.6743 | -117.115787 |
| 32.3974421 | 32.673527 | -117.116253 | 32.4989583 | 32.67299 | -117.116293 | 32.6008681 | 32.6743 | -117.115787 |
| 32.3975810 | 32.673520 | -117.116253 | 32.4991435 | 32.67299 | -117.116293 | 32.6010417 | 32.67429 | -117.115787 |
| 32.3977546 | 32.673513 | -117.116253 | 32.4993171 | 32.67299 | -117.116293 | 32.6012269 | 32.67429 | -117.115787 |
| 32.3979282 | 32.673513 | -117.116253 | 32.4994907 | 32.67299 | -117.116293 | 32.6014005 | 32.67429 | -117.115787 |
| 32.3981597 | 32.673513 | -117.116253 | 32.4996528 | 32.67299 | -117.116293 | 32.6015741 | 32.67429 | -117.1158 |
| 32.3982639 | 32.673513 | -117.116253 | 32.4998264 | 32.67299 | -117.116293 | 32.6017477 | 32.67427 | -117.1158 |
| 32.3987847 | 32.673510 | -117.116253 | 32.5000116 | 32.67299 | -117.116293 | 32.6019213 | 32.67426 | -117.1158 |
| 32.3989699 | 32.673510 | -117.116253 | 32.5001852 | 32.67299 | -117.116293 | 32.6020949 | 32.67425 | -117.1158 |
| 32.3991435 | 32.673507 | -117.116253 | 32.5003588 | 32.67299 | -117.116293 | 32.6022685 | 32.67424 | -117.1158 |
| 32.3993171 | 32.673507 | -117.116253 | 32.5014005 | 32.67299 | -117.116293 | 32.6024421 | 32.67424 | -117.115827 |
| 32.3994907 | 32.673503 | -117.116253 | 32.5015741 | 32.67299 | -117.116293 | 32.6026042 | 32.67424 | -117.115827 |
| 32.3996644 | 32.673503 | -117.116253 | 32.5017477 | 32.67299 | -117.116293 | 32.6027778 | 32.67426 | -117.115827 |
| 32.3998958 | 32.673503 | -117.116253 | 32.5019213 | 32.67299 | -117.116293 | 32.6032986 | 32.6743 | -117.1158 |
| 32.4000000 | 32.673500 | -117.116253 | 32.5020833 | 32.67299 | -117.116293 | 32.6034722 | 32.6743 | -117.1158 |
| 32.4001852 | 32.673500 | -117.116253 | 32.5022569 | 32.67299 | -117.11628 | 32.6036458 | 32.67431 | -117.115787 |
| 32.4003588 | 32.673500 | -117.116280 | 32.5024769 | 32.67299 | -117.11628 | 32.603831 | 32.67431 | -117.115787 |
| 32.4005324 | 32.673500 | -117.116280 | 32.5026157 | 32.67299 | -117.11628 | 32.6040046 | 32.67431 | -117.115787 |
| 32.4007060 | 32.673500 | -117.116280 | 32.5028009 | 32.67299 | -117.11628 | 32.6041782 | 32.67431 | -117.115787 |
| 32.4008681 | 32.673500 | -117.116280 | 32.5029514 | 32.67299 | -117.11628 | 32.6043519 | 32.67432 | -117.115787 |
| 32.4010417 | 32.673477 | -117.116280 | 32.503125 | 32.67299 | -117.11628 | 32.6045255 | 32.67431 | -117.11576 |
| 32.4012269 | 32.673477 | -117.116280 | 32.5032986 | 32.67299 | -117.11628 | 32.6046875 | 32.67432 | -117.11576 |
| 32.4014005 | 32.673477 | -117.116293 | 32.5034838 | 32.67299 | -117.11628 | 32.6048611 | 32.67432 | -117.115733 |
| 32.4015741 | 32.673463 | -117.116307 | 32.5036574 | 32.67299 | -117.11628 | 32.6050347 | 32.67432 | -117.115733 |
| 32.4018403 | 32.673430 | -117.116320 | 32.5038194 | 32.67299 | -117.11628 | 32.6052083 | 32.67432 | -117.115733 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4019213 | 32.673430 | -117.116320 | 32.5039931 | 32.67299 | -117.11628 | 32.6053819 | 32.6743 | -117.115733 |
| 32.4020833 | 32.673427 | -117.116320 | 32.504213 | 32.67299 | -117.11628 | 32.6055556 | 32.67429 | -117.115733 |
| 32.4026042 | 32.673427 | -117.116347 | 32.5043519 | 32.67299 | -117.11628 | 32.6057407 | 32.67428 | -117.115733 |
| 32.4027778 | 32.673420 | -117.116347 | 32.5045255 | 32.67299 | -117.11628 | 32.6059144 | 32.67428 | -117.11572 |
| 32.4029514 | 32.673417 | -117.116347 | 32.5046991 | 32.67299 | -117.11628 | 32.606088 | 32.67428 | -117.11572 |
| 32.4031597 | 32.673417 | -117.116347 | 32.5052546 | 32.67299 | -117.116253 | 32.60625 | 32.67427 | -117.11572 |
| 32.4033102 | 32.673417 | -117.116347 | 32.5053819 | 32.67299 | -117.116253 | 32.6064236 | 32.67428 | -117.11572 |
| 32.4034838 | 32.673413 | -117.116347 | 32.5055671 | 32.67299 | -117.116253 | 32.6065972 | 32.67428 | -117.11572 |
| 32.4036574 | 32.673413 | -117.116347 | 32.5057407 | 32.67299 | -117.116253 | 32.6071181 | 32.67427 | -117.11572 |
| 32.4038426 | 32.673410 | -117.116347 | 32.5059144 | 32.67299 | -117.116253 | 32.6073032 | 32.67427 | -117.11572 |
| 32.4039931 | 32.673410 | -117.116347 | 32.506088 | 32.67299 | -117.116253 | 32.6074769 | 32.67427 | -117.11572 |
| 32.4041667 | 32.673410 | -117.116347 | 32.5062616 | 32.673 | -117.116253 | 32.6077431 | 32.67428 | -117.11572 |
| 32.4043634 | 32.673403 | -117.116347 | 32.5064352 | 32.673 | -117.116253 | 32.6078241 | 32.67428 | -117.11572 |
| 32.4045139 | 32.673403 | -117.116347 | 32.5066088 | 32.673 | -117.116253 | 32.6079977 | 32.67428 | -117.11572 |
| 32.4046875 | 32.673403 | -117.116347 | 32.5067708 | 32.673 | -117.116253 | 32.6081713 | 32.67428 | -117.11572 |
| 32.4048727 | 32.673403 | -117.116347 | 32.5069444 | 32.673 | -117.116253 | 32.6083449 | 32.67429 | -117.11572 |
| 32.4050463 | 32.673400 | -117.116347 | 32.5071296 | 32.673 | -117.116253 | 32.6085069 | 32.67429 | -117.11572 |
| 32.4052199 | 32.673400 | -117.116347 | 32.5073032 | 32.673 | -117.116253 | 32.6086806 | 32.67429 | -117.11572 |
| 32.4054398 | 32.673397 | -117.116347 | 32.5074769 | 32.673 | -117.116253 | 32.6089468 | 32.67429 | -117.11572 |
| 32.4055671 | 32.673397 | -117.116347 | 32.5076505 | 32.673 | -117.116253 | 32.6090278 | 32.67429 | -117.11572 |
| 32.4057870 | 32.673393 | -117.116347 | 32.5078125 | 32.673 | -117.116253 | 32.609213 | 32.67429 | -117.11572 |
| 32.4059144 | 32.673393 | -117.116347 | 32.5079861 | 32.673 | -117.116253 | 32.6093866 | 32.67429 | -117.11572 |
| 32.4064352 | 32.673377 | -117.116373 | 32.5081713 | 32.673 | -117.116253 | 32.6095602 | 32.67429 | -117.11572 |
| 32.4066088 | 32.673377 | -117.116373 | 32.5083449 | 32.673 | -117.116253 | 32.6097685 | 32.67429 | -117.11572 |
| 32.4067708 | 32.673373 | -117.116373 | 32.5085185 | 32.67301 | -117.116253 | 32.6098958 | 32.67429 | -117.11572 |
| 32.4069444 | 32.673373 | -117.116373 | 32.5090509 | 32.67301 | -117.116253 | 32.6101157 | 32.6743 | -117.11572 |
| 32.4071181 | 32.673367 | -117.116373 | 32.5092014 | 32.67301 | -117.116253 | 32.6102546 | 32.67431 | -117.11572 |
| 32.4072917 | 32.673367 | -117.116387 | 32.5094213 | 32.67301 | -117.116253 | 32.6104282 | 32.67431 | -117.11572 |
| 32.4074653 | 32.673367 | -117.116387 | 32.5095486 | 32.67301 | -117.116253 | 32.6110185 | 32.67431 | -117.115733 |
| 32.4076389 | 32.673363 | -117.116387 | 32.5097338 | 32.67301 | -117.116253 | 32.6111227 | 32.67431 | -117.11572 |
| 32.4078125 | 32.673363 | -117.116387 | 32.5099074 | 32.67301 | -117.116253 | 32.6112847 | 32.67431 | -117.11572 |
| 32.4079861 | 32.673360 | -117.116387 | 32.510081 | 32.67301 | -117.116253 | 32.6114583 | 32.67431 | -117.11572 |
| 32.4081597 | 32.673360 | -117.116387 | 32.5103241 | 32.67302 | -117.116253 | 32.6116319 | 32.67431 | -117.115733 |
| 32.4083333 | 32.673357 | -117.116387 | 32.5104282 | 32.67302 | -117.116253 | 32.6118171 | 32.6743 | -117.115733 |
| 32.4085532 | 32.673347 | -117.116387 | 32.5106366 | 32.67302 | -117.116253 | 32.6119907 | 32.6743 | -117.115787 |
| 32.4086806 | 32.673333 | -117.116387 | 32.5107639 | 32.67302 | -117.116253 | 32.6121644 | 32.6743 | -117.115787 |
| 32.4088542 | 32.673333 | -117.116387 | 32.5109375 | 32.67302 | -117.116253 | 32.612338 | 32.67429 | -117.1158 |
| 32.4090278 | 32.673333 | -117.116387 | 32.5111227 | 32.67302 | -117.116253 | 32.6125 | 32.67429 | -117.115827 |
| 32.4092130 | 32.673327 | -117.116400 | 32.5112963 | 32.67302 | -117.116253 | 32.6126736 | 32.67431 | -117.115853 |
| 32.4093866 | 32.673327 | -117.116400 | 32.5114699 | 32.67302 | -117.116253 | 32.6128472 | 32.6743 | -117.115853 |
| 32.4095602 | 32.673323 | -117.116400 | 32.5116319 | 32.67302 | -117.116253 | 32.6130208 | 32.67427 | -117.115867 |
| 32.4098148 | 32.673320 | -117.116400 | 32.5118056 | 32.67303 | -117.116253 | 32.6131944 | 32.67423 | -117.11588 |
| 32.4104167 | 32.673317 | -117.116400 | 32.5119792 | 32.67303 | -117.116253 | 32.6133796 | 32.67424 | -117.11588 |
| 32.4105903 | 32.673310 | -117.116400 | 32.5121528 | 32.67303 | -117.11624 | 32.6136343 | 32.67423 | -117.115907 |
| 32.4107639 | 32.673310 | -117.116400 | 32.5123264 | 32.67303 | -117.11624 | 32.6137153 | 32.67423 | -117.115907 |
| 32.4109954 | 32.673310 | -117.116400 | 32.5140741 | 32.67303 | -117.11624 | 32.6138889 | 32.67422 | -117.11588 |
| 32.4111227 | 32.673310 | -117.116400 | 32.5142477 | 32.67304 | -117.11624 | 32.6140625 | 32.67421 | -117.115907 |
| 32.4112963 | 32.673307 | -117.116400 | 32.5144213 | 32.67304 | -117.11624 | 32.6142824 | 32.67421 | -117.11592 |
| 32.4114699 | 32.673307 | -117.116400 | 32.5145949 | 32.67304 | -117.11624 | 32.6147569 | 32.67421 | -117.11592 |
| 32.4116435 | 32.673303 | -117.116400 | 32.5147685 | 32.67304 | -117.116227 | 32.6149306 | 32.6742 | -117.11592 |
| 32.4118056 | 32.673303 | -117.116400 | 32.5149306 | 32.67304 | -117.116227 | 32.6151042 | 32.6742 | -117.115933 |
| 32.4119792 | 32.673300 | -117.116400 | 32.5151042 | 32.67304 | -117.116227 | 32.6152778 | 32.6742 | -117.115933 |
| 32.4121528 | 32.673300 | -117.116400 | 32.5152778 | 32.67304 | -117.116227 | 32.6154977 | 32.6742 | -117.115933 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4123264 | 32.673297 | -117.116400 | 32.5154514 | 32.67304 | -117.116227 | 32.615625 | 32.6742 | -117.115933 |
| 32.4125116 | 32.673297 | -117.116400 | 32.515625 | 32.67304 | -117.116227 | 32.6157986 | 32.6742 | -117.115933 |
| 32.4126852 | 32.673297 | -117.116400 | 32.5157986 | 32.67304 | -117.116227 | 32.6159722 | 32.6742 | -117.115933 |
| 32.4128472 | 32.673270 | -117.116400 | 32.5159722 | 32.67305 | -117.116227 | 32.6161458 | 32.6742 | -117.115933 |
| 32.4130208 | 32.673250 | -117.116427 | 32.5161458 | 32.67305 | -117.116227 | 32.6163194 | 32.6742 | -117.115933 |
| 32.4131944 | 32.673250 | -117.116427 | 32.5163194 | 32.67305 | -117.116227 | 32.6165046 | 32.67421 | -117.115933 |
| 32.4133796 | 32.673247 | -117.116427 | 32.5164931 | 32.67305 | -117.116227 | 32.6166782 | 32.67421 | -117.115933 |
| 32.4135880 | 32.673247 | -117.116427 | 32.5166667 | 32.67305 | -117.116227 | 32.6168403 | 32.67421 | -117.115933 |
| 32.4137153 | 32.673247 | -117.116427 | 32.5168866 | 32.67305 | -117.116227 | 32.6170139 | 32.67421 | -117.115933 |
| 32.4142361 | 32.673237 | -117.116427 | 32.5170139 | 32.67305 | -117.116227 | 32.6171875 | 32.67422 | -117.115933 |
| 32.4144097 | 32.673237 | -117.116427 | 32.5171875 | 32.67306 | -117.116213 | 32.6173727 | 32.67422 | -117.115933 |
| 32.4145833 | 32.673237 | -117.116427 | 32.5174884 | 32.67306 | -117.116213 | 32.6175463 | 32.67422 | -117.115933 |
| 32.4147685 | 32.673237 | -117.116427 | 32.5178819 | 32.67306 | -117.116213 | 32.6177199 | 32.67422 | -117.115933 |
| 32.4149421 | 32.673237 | -117.116427 | 32.5180556 | 32.67306 | -117.116213 | 32.6178935 | 32.67422 | -117.115933 |
| 32.4151042 | 32.673233 | -117.116440 | 32.5182292 | 32.67306 | -117.116213 | 32.6180671 | 32.67422 | -117.115933 |
| 32.4152778 | 32.673233 | -117.116440 | 32.5184144 | 32.67306 | -117.1162 | 32.6185764 | 32.67427 | -117.115933 |
| 32.4155093 | 32.673230 | -117.116440 | 32.518588 | 32.67306 | -117.1162 | 32.6187616 | 32.67428 | -117.11592 |
| 32.4156366 | 32.673230 | -117.116440 | 32.5187616 | 32.67306 | -117.1162 | 32.6189352 | 32.67429 | -117.11592 |
| 32.4158102 | 32.673227 | -117.116440 | 32.5189352 | 32.67306 | -117.1162 | 32.6191088 | 32.67429 | -117.11592 |
| 32.4159838 | 32.673227 | -117.116440 | 32.5190972 | 32.67307 | -117.1162 | 32.6192824 | 32.67429 | -117.11592 |
| 32.4161458 | 32.673223 | -117.116440 | 32.5192708 | 32.67307 | -117.1162 | 32.6194444 | 32.67429 | -117.11592 |
| 32.4163194 | 32.673213 | -117.116440 | 32.5194444 | 32.67308 | -117.1162 | 32.6196181 | 32.67429 | -117.11592 |
| 32.4164931 | 32.673197 | -117.116453 | 32.5196181 | 32.67308 | -117.1162 | 32.6197917 | 32.67429 | -117.11592 |
| 32.4166667 | 32.673193 | -117.116453 | 32.5197917 | 32.67308 | -117.1162 | 32.6200579 | 32.67429 | -117.11592 |
| 32.4168403 | 32.673193 | -117.116453 | 32.5199769 | 32.67308 | -117.1162 | 32.6201389 | 32.67429 | -117.11592 |
| 32.4170255 | 32.673193 | -117.116453 | 32.5201505 | 32.67308 | -117.1162 | 32.6203241 | 32.6743 | -117.115933 |
| 32.4171991 | 32.673190 | -117.116453 | 32.5203125 | 32.67308 | -117.1162 | 32.6204977 | 32.6743 | -117.115933 |
| 32.4173727 | 32.673173 | -117.116453 | 32.5204861 | 32.67308 | -117.1162 | 32.6206597 | 32.6743 | -117.115933 |
| 32.4175347 | 32.673173 | -117.116453 | 32.5206713 | 32.67308 | -117.1162 | 32.6208333 | 32.6743 | -117.115933 |
| 32.4182755 | 32.673163 | -117.116453 | 32.5208449 | 32.67308 | -117.1162 | 32.6210069 | 32.67431 | -117.115933 |
| 32.4184491 | 32.673163 | -117.116453 | 32.5210069 | 32.67308 | -117.1162 | 32.6211806 | 32.67432 | -117.11592 |
| 32.4185880 | 32.673160 | -117.116453 | 32.5211806 | 32.67308 | -117.1162 | 32.6213542 | 32.67432 | -117.11592 |
| 32.4187616 | 32.673153 | -117.116453 | 32.5217014 | 32.67308 | -117.1162 | 32.6215278 | 32.67431 | -117.11592 |
| 32.4189352 | 32.673140 | -117.116453 | 32.521875 | 32.67308 | -117.116173 | 32.6217014 | 32.67431 | -117.115933 |
| 32.4191088 | 32.673140 | -117.116453 | 32.5220486 | 32.67308 | -117.116173 | 32.6218866 | 32.67431 | -117.115933 |
| 32.4193287 | 32.673137 | -117.116453 | 32.5222222 | 32.67308 | -117.116173 | 32.6239583 | 32.6743 | -117.115973 |
| 32.4194560 | 32.673137 | -117.116453 | 32.5223958 | 32.67308 | -117.116173 | 32.6241319 | 32.6743 | -117.115973 |
| 32.4196296 | 32.673137 | -117.116453 | 32.5225694 | 32.67308 | -117.116173 | 32.6243056 | 32.6743 | -117.115973 |
| 32.4198032 | 32.673133 | -117.116453 | 32.5227431 | 32.67308 | -117.116173 | 32.6244907 | 32.6743 | -117.115973 |
| 32.4200232 | 32.673137 | -117.116453 | 32.5229167 | 32.67308 | -117.116173 | 32.6246644 | 32.6743 | -117.115973 |
| 32.4201505 | 32.673137 | -117.116453 | 32.5230903 | 32.67309 | -117.11616 | 32.624838 | 32.6743 | -117.115973 |
| 32.4203241 | 32.673143 | -117.116427 | 32.5232639 | 32.67309 | -117.11616 | 32.6250116 | 32.6743 | -117.115973 |
| 32.4204861 | 32.673150 | -117.116427 | 32.5234491 | 32.67309 | -117.11616 | 32.6251852 | 32.6743 | -117.115973 |
| 32.4206597 | 32.673150 | -117.116427 | 32.5236806 | 32.67309 | -117.11616 | 32.6253819 | 32.6743 | -117.115973 |
| 32.4208333 | 32.673150 | -117.116400 | 32.5237847 | 32.67309 | -117.11616 | 32.6255208 | 32.6743 | -117.115973 |
| 32.4210069 | 32.673150 | -117.116400 | 32.5239583 | 32.67309 | -117.11616 | 32.6256944 | 32.6743 | -117.115973 |
| 32.4211921 | 32.673150 | -117.116400 | 32.5241319 | 32.67309 | -117.116147 | 32.6258681 | 32.6743 | -117.115973 |
| 32.4213657 | 32.673150 | -117.116400 | 32.5243171 | 32.67309 | -117.116147 | 32.6260417 | 32.6743 | -117.115973 |
| 32.4215278 | 32.673150 | -117.116400 | 32.5244907 | 32.67309 | -117.116147 | 32.6262153 | 32.6743 | -117.115973 |
| 32.4220486 | 32.673140 | -117.116400 | 32.5246759 | 32.67309 | -117.116147 | 32.6263889 | 32.6743 | -117.115973 |
| 32.4222222 | 32.673140 | -117.116400 | 32.5248264 | 32.67309 | -117.116147 | 32.6265741 | 32.6743 | -117.115973 |
| 32.4224306 | 32.673140 | -117.116400 | 32.525 | 32.67309 | -117.116133 | 32.6267477 | 32.6743 | -117.115973 |
| 32.4225810 | 32.673143 | -117.116400 | 32.5253588 | 32.6731 | -117.116133 | 32.6269213 | 32.6743 | -117.115973 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4227546 | 32.673143 | -117.116400 | 32.5255324 | 32.6731 | -117.116133 | 32.6270949 | 32.6743 | -117.115973 |
| 32.4229167 | 32.673150 | -117.116400 | 32.5256944 | 32.6731 | -117.116107 | 32.6276042 | 32.67431 | -117.115973 |
| 32.4230903 | 32.673150 | -117.116387 | 32.5258681 | 32.67311 | -117.116107 | 32.6277778 | 32.67431 | -117.115973 |
| 32.4233681 | 32.673150 | -117.116387 | 32.526088 | 32.67311 | -117.116107 | 32.6279514 | 32.67431 | -117.115973 |
| 32.4234491 | 32.673150 | -117.116387 | 32.5262153 | 32.67312 | -117.116107 | 32.628125 | 32.67431 | -117.115973 |
| 32.4236111 | 32.673150 | -117.116387 | 32.5263889 | 32.67312 | -117.116107 | 32.6282986 | 32.67431 | -117.115973 |
| 32.4237847 | 32.673153 | -117.116387 | 32.5265625 | 32.67313 | -117.116093 | 32.6284722 | 32.67431 | -117.115987 |
| 32.4239583 | 32.673153 | -117.116387 | 32.5267361 | 32.67313 | -117.11608 | 32.6287037 | 32.6743 | -117.115973 |
| 32.4241782 | 32.673150 | -117.116387 | 32.5269097 | 32.67314 | -117.116067 | 32.628831 | 32.6743 | -117.115973 |
| 32.4243056 | 32.673150 | -117.116387 | 32.5270833 | 32.67314 | -117.116067 | 32.6290046 | 32.67429 | -117.115973 |
| 32.4244792 | 32.673150 | -117.116387 | 32.5272685 | 32.67314 | -117.116067 | 32.629213 | 32.67429 | -117.115973 |
| 32.4246528 | 32.673150 | -117.116387 | 32.5274421 | 32.67315 | -117.11608 | 32.6293403 | 32.67429 | -117.115973 |
| 32.4248264 | 32.673150 | -117.116387 | 32.5277083 | 32.67314 | -117.116107 | 32.6295139 | 32.67429 | -117.115973 |
| 32.4250000 | 32.673150 | -117.116360 | 32.5277894 | 32.67315 | -117.116147 | 32.6296875 | 32.67429 | -117.115973 |
| 32.4251736 | 32.673150 | -117.116360 | 32.5279514 | 32.67315 | -117.1162 | 32.6298611 | 32.67429 | -117.115973 |
| 32.4253472 | 32.673150 | -117.116347 | 32.528125 | 32.67316 | -117.1162 | 32.6300347 | 32.67428 | -117.115973 |
| 32.4258796 | 32.673150 | -117.116347 | 32.5282986 | 32.6732 | -117.116213 | 32.6302083 | 32.67428 | -117.115973 |
| 32.4260532 | 32.673150 | -117.116347 | 32.5284838 | 32.67321 | -117.116253 | 32.6303819 | 32.67427 | -117.115973 |
| 32.4262269 | 32.673150 | -117.116347 | 32.5286574 | 32.6732 | -117.11628 | 32.6305671 | 32.67428 | -117.115987 |
| 32.4264005 | 32.673150 | -117.116347 | 32.5295255 | 32.67323 | -117.116347 | 32.6307407 | 32.67428 | -117.115987 |
| 32.4265625 | 32.673150 | -117.116347 | 32.5296991 | 32.67323 | -117.11632 | 32.6309144 | 32.67427 | -117.115987 |
| 32.4267361 | 32.673150 | -117.116347 | 32.5298727 | 32.67324 | -117.11632 | 32.631794 | 32.67427 | -117.116 |
| 32.4269213 | 32.673150 | -117.116347 | 32.5300463 | 32.67324 | -117.116307 | 32.6319444 | 32.67427 | -117.116 |
| 32.4270949 | 32.673150 | -117.116347 | 32.5302083 | 32.67325 | -117.116293 | 32.6321181 | 32.67427 | -117.116 |
| 32.4272801 | 32.673150 | -117.116347 | 32.5303819 | 32.67325 | -117.11628 | 32.6322917 | 32.67427 | -117.116 |
| 32.4274306 | 32.673150 | -117.116347 | 32.5305556 | 32.67326 | -117.116293 | 32.6324653 | 32.67427 | -117.116 |
| 32.4276042 | 32.673150 | -117.116347 | 32.5307407 | 32.67326 | -117.116293 | 32.6326389 | 32.67427 | -117.116 |
| 32.4277894 | 32.673150 | -117.116347 | 32.5309144 | 32.67326 | -117.11628 | 32.6329051 | 32.67427 | -117.116 |
| 32.4279630 | 32.673150 | -117.116347 | 32.531088 | 32.67326 | -117.116293 | 32.6330093 | 32.67427 | -117.116 |
| 32.4281366 | 32.673150 | -117.116347 | 32.5312616 | 32.67326 | -117.116293 | 32.6331713 | 32.67427 | -117.116 |
| 32.4283102 | 32.673150 | -117.116347 | 32.5314236 | 32.67326 | -117.116293 | 32.6333449 | 32.67426 | -117.116 |
| 32.4285301 | 32.673150 | -117.116347 | 32.5315972 | 32.67326 | -117.11628 | 32.6335185 | 32.67426 | -117.116 |
| 32.4286458 | 32.673150 | -117.116347 | 32.5317824 | 32.67326 | -117.11628 | 32.6336921 | 32.67426 | -117.116 |
| 32.4288194 | 32.673150 | -117.116347 | 32.531956 | 32.67327 | -117.11628 | 32.6338657 | 32.67426 | -117.116 |
| 32.4289931 | 32.673143 | -117.116347 | 32.5321296 | 32.67331 | -117.116253 | 32.6340394 | 32.67426 | -117.116013 |
| 32.4291667 | 32.673150 | -117.116320 | 32.5323032 | 32.67332 | -117.116253 | 32.634213 | 32.67425 | -117.116027 |
| 32.4296991 | 32.673150 | -117.116293 | 32.5324653 | 32.67333 | -117.116253 | 32.6343866 | 32.67424 | -117.116027 |
| 32.4298727 | 32.673150 | -117.116293 | 32.5326389 | 32.67334 | -117.116253 | 32.6345602 | 32.67424 | -117.116053 |
| 32.4300347 | 32.673150 | -117.116293 | 32.5328125 | 32.67334 | -117.11624 | 32.6347338 | 32.67423 | -117.116053 |
| 32.4302083 | 32.673150 | -117.116293 | 32.5356019 | 32.6734 | -117.116253 | 32.6348958 | 32.67421 | -117.116067 |
| 32.4303819 | 32.673150 | -117.116293 | 32.5357755 | 32.67341 | -117.116253 | 32.6350694 | 32.67421 | -117.11608 |
| 32.4305671 | 32.673150 | -117.116293 | 32.5359491 | 32.67341 | -117.116293 | 32.6356019 | 32.6742 | -117.11608 |
| 32.4307407 | 32.673143 | -117.116293 | 32.5361111 | 32.67342 | -117.116307 | 32.6357755 | 32.6742 | -117.11608 |
| 32.4309028 | 32.673143 | -117.116280 | 32.5362847 | 32.67342 | -117.116307 | 32.6359491 | 32.6742 | -117.11608 |
| 32.4310764 | 32.673143 | -117.116280 | 32.5364583 | 32.67342 | -117.116307 | 32.6361227 | 32.6742 | -117.11608 |
| 32.4312500 | 32.673143 | -117.116280 | 32.5366319 | 32.67342 | -117.116307 | 32.6362963 | 32.67419 | -117.116067 |
| 32.4314352 | 32.673143 | -117.116280 | 32.5368056 | 32.67342 | -117.116307 | 32.6364931 | 32.6742 | -117.11608 |
| 32.4316088 | 32.673143 | -117.116280 | 32.5369792 | 32.67342 | -117.116307 | 32.6366435 | 32.6742 | -117.11608 |
| 32.4317940 | 32.673143 | -117.116280 | 32.5371528 | 32.67342 | -117.116307 | 32.6368171 | 32.6742 | -117.116067 |
| 32.4319444 | 32.673143 | -117.116280 | 32.5373264 | 32.67342 | -117.116307 | 32.6369792 | 32.6742 | -117.11608 |
| 32.4321181 | 32.673140 | -117.116280 | 32.5375 | 32.67342 | -117.116307 | 32.6371528 | 32.6742 | -117.116067 |
| 32.4323264 | 32.673137 | -117.116280 | 32.5376736 | 32.67342 | -117.116307 | 32.6373264 | 32.6742 | -117.11608 |
| 32.4324769 | 32.673137 | -117.116280 | 32.5378472 | 32.67342 | -117.116307 | 32.6375 | 32.6742 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4326505 | 32.673133 | -117.116253 | 32.5380208 | 32.67342 | -117.116307 | 32.6376736 | 32.6742 | -117.116067 |
| 32.4328241 | 32.673123 | -117.116253 | 32.5381944 | 32.67342 | -117.116293 | 32.6378472 | 32.6742 | -117.116067 |
| 32.4329977 | 32.673127 | -117.116253 | 32.5383796 | 32.67342 | -117.116293 | 32.6380556 | 32.6742 | -117.116067 |
| 32.4335417 | 32.673113 | -117.116253 | 32.5385532 | 32.67342 | -117.116293 | 32.638206 | 32.6742 | -117.116067 |
| 32.4336921 | 32.673113 | -117.116253 | 32.5387269 | 32.67342 | -117.116293 | 32.6383796 | 32.67419 | -117.116067 |
| 32.4338657 | 32.673113 | -117.116253 | 32.5389005 | 32.67343 | -117.116293 | 32.6385417 | 32.67419 | -117.116067 |
| 32.4340394 | 32.673107 | -117.116253 | 32.5392361 | 32.67343 | -117.116293 | 32.6387153 | 32.6742 | -117.11608 |
| 32.4342130 | 32.673107 | -117.116253 | 32.5394097 | 32.67343 | -117.116293 | 32.6392477 | 32.6742 | -117.11608 |
| 32.4343866 | 32.673107 | -117.116253 | 32.5396296 | 32.67343 | -117.116293 | 32.6394213 | 32.6742 | -117.11608 |
| 32.4345602 | 32.673107 | -117.116253 | 32.5397685 | 32.67343 | -117.116293 | 32.6395949 | 32.6742 | -117.11608 |
| 32.4347222 | 32.673107 | -117.116253 | 32.5399421 | 32.67343 | -117.116293 | 32.6397685 | 32.6742 | -117.116067 |
| 32.4348958 | 32.673107 | -117.116253 | 32.5401157 | 32.67343 | -117.116293 | 32.6400116 | 32.6742 | -117.116067 |
| 32.4350926 | 32.673107 | -117.116253 | 32.5402778 | 32.67343 | -117.11628 | 32.6401157 | 32.67421 | -117.116067 |
| 32.4352546 | 32.673103 | -117.116253 | 32.540463 | 32.67343 | -117.11628 | 32.6402894 | 32.67421 | -117.116067 |
| 32.4354282 | 32.673103 | -117.116253 | 32.5406366 | 32.67343 | -117.11628 | 32.640463 | 32.67421 | -117.116067 |
| 32.4355903 | 32.673103 | -117.116253 | 32.5408218 | 32.67344 | -117.11628 | 32.6406366 | 32.6742 | -117.116067 |
| 32.4358102 | 32.673103 | -117.116240 | 32.5409722 | 32.67344 | -117.11628 | 32.6408102 | 32.67421 | -117.116067 |
| 32.4359375 | 32.673103 | -117.116240 | 32.5411574 | 32.67344 | -117.11628 | 32.6409838 | 32.67421 | -117.11608 |
| 32.4361227 | 32.673100 | -117.116240 | 32.541331 | 32.67344 | -117.11628 | 32.6411574 | 32.67422 | -117.11608 |
| 32.4362963 | 32.673100 | -117.116240 | 32.5414931 | 32.67344 | -117.11628 | 32.641331 | 32.67421 | -117.11608 |
| 32.4365046 | 32.673100 | -117.116240 | 32.5416667 | 32.67344 | -117.11628 | 32.6415046 | 32.67421 | -117.11608 |
| 32.4366319 | 32.673100 | -117.116227 | 32.541875 | 32.67344 | -117.11628 | 32.6416667 | 32.67422 | -117.11608 |
| 32.4368056 | 32.673097 | -117.116227 | 32.5420255 | 32.67344 | -117.11628 | 32.6418403 | 32.67421 | -117.11608 |
| 32.4378472 | 32.673090 | -117.116293 | 32.5421991 | 32.67344 | -117.116253 | 32.6420139 | 32.67421 | -117.11608 |
| 32.4380208 | 32.673097 | -117.116307 | 32.5423727 | 32.67344 | -117.116253 | 32.6421875 | 32.67422 | -117.11608 |
| 32.4381944 | 32.673100 | -117.116293 | 32.5425463 | 32.67344 | -117.116253 | 32.6423611 | 32.67422 | -117.11608 |
| 32.4383796 | 32.673090 | -117.116293 | 32.5430556 | 32.67345 | -117.11628 | 32.6425347 | 32.67421 | -117.11608 |
| 32.4385532 | 32.673087 | -117.116307 | 32.5432407 | 32.67345 | -117.11628 | 32.6432292 | 32.67422 | -117.11608 |
| 32.4387269 | 32.673083 | -117.116293 | 32.5434144 | 32.67345 | -117.11628 | 32.6434028 | 32.67422 | -117.116067 |
| 32.4388889 | 32.673077 | -117.116293 | 32.543588 | 32.67345 | -117.11628 | 32.6435764 | 32.67422 | -117.116067 |
| 32.4390625 | 32.673077 | -117.116293 | 32.5437616 | 32.67345 | -117.11628 | 32.64375 | 32.67423 | -117.116067 |
| 32.4393287 | 32.673077 | -117.116293 | 32.5439352 | 32.67345 | -117.11628 | 32.6439236 | 32.67423 | -117.116067 |
| 32.4394097 | 32.673077 | -117.116293 | 32.5441088 | 32.67345 | -117.11628 | 32.6440972 | 32.67422 | -117.116067 |
| 32.4395949 | 32.673077 | -117.116293 | 32.5442708 | 32.67345 | -117.11628 | 32.6442708 | 32.67422 | -117.116067 |
| 32.4397685 | 32.673077 | -117.116293 | 32.5444444 | 32.67345 | -117.11628 | 32.644456 | 32.67422 | -117.116067 |
| 32.4399421 | 32.673077 | -117.116293 | 32.5446181 | 32.67345 | -117.11628 | 32.6446296 | 32.67422 | -117.116067 |
| 32.4401157 | 32.673077 | -117.116293 | 32.5448032 | 32.67345 | -117.11628 | 32.6447917 | 32.67422 | -117.116067 |
| 32.4402894 | 32.673077 | -117.116293 | 32.5449653 | 32.67345 | -117.11628 | 32.6449653 | 32.67423 | -117.116067 |
| 32.4404514 | 32.673077 | -117.116293 | 32.5451389 | 32.67345 | -117.11628 | 32.6451389 | 32.67422 | -117.116067 |
| 32.4406250 | 32.673077 | -117.116293 | 32.5453125 | 32.67345 | -117.11628 | 32.6453241 | 32.67422 | -117.116067 |
| 32.4407986 | 32.673077 | -117.116293 | 32.5454977 | 32.67345 | -117.11628 | 32.6454977 | 32.67422 | -117.116067 |
| 32.4409722 | 32.673077 | -117.116293 | 32.5456713 | 32.67345 | -117.11628 | 32.6456713 | 32.67423 | -117.116053 |
| 32.4411458 | 32.673077 | -117.116293 | 32.5458449 | 32.67345 | -117.11628 | 32.6458449 | 32.67422 | -117.116067 |
| 32.4416667 | 32.673077 | -117.116293 | 32.5460185 | 32.67345 | -117.11628 | 32.6460185 | 32.67422 | -117.116067 |
| 32.4418403 | 32.673077 | -117.116280 | 32.5461921 | 32.67345 | -117.11628 | 32.6461921 | 32.67423 | -117.116067 |
| 32.4420255 | 32.673077 | -117.116280 | 32.5463657 | 32.67345 | -117.11628 | 32.6463542 | 32.67424 | -117.116067 |
| 32.4421991 | 32.673077 | -117.116280 | 32.546875 | 32.67346 | -117.11628 | 32.6465278 | 32.67424 | -117.116067 |
| 32.4423611 | 32.673070 | -117.116280 | 32.5470486 | 32.67346 | -117.11628 | 32.6470486 | 32.67424 | -117.116053 |
| 32.4425463 | 32.673070 | -117.116280 | 32.5472222 | 32.67346 | -117.11628 | 32.6472222 | 32.67424 | -117.116053 |
| 32.4428241 | 32.673070 | -117.116280 | 32.5473958 | 32.67346 | -117.11628 | 32.6473958 | 32.67424 | -117.116053 |
| 32.4429051 | 32.673070 | -117.116280 | 32.5475694 | 32.67346 | -117.11628 | 32.647581 | 32.67424 | -117.116053 |
| 32.4430671 | 32.673070 | -117.116280 | 32.5477431 | 32.67346 | -117.11628 | 32.6477546 | 32.67425 | -117.116067 |
| 32.4432407 | 32.673070 | -117.116280 | 32.5479167 | 32.67346 | -117.11628 | 32.6479282 | 32.67425 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4434028 | 32.673070 | -117.116280 | 32.5480903 | 32.67346 | -117.11628 | 32.6481019 | 32.67425 | -117.116067 |
| 32.4435764 | 32.673070 | -117.116280 | 32.5482639 | 32.67346 | -117.11628 | 32.6482639 | 32.67425 | -117.116067 |
| 32.4437500 | 32.673070 | -117.116280 | 32.5484375 | 32.67346 | -117.11628 | 32.6484375 | 32.67425 | -117.116067 |
| 32.4439236 | 32.673070 | -117.116280 | 32.5486227 | 32.67347 | -117.11628 | 32.6486111 | 32.67426 | -117.116067 |
| 32.4440972 | 32.673067 | -117.116280 | 32.5487963 | 32.67347 | -117.11628 | 32.6487847 | 32.67426 | -117.11608 |
| 32.4443171 | 32.673057 | -117.116280 | 32.5489583 | 32.67347 | -117.11628 | 32.6489583 | 32.67425 | -117.116067 |
| 32.4444444 | 32.673033 | -117.116253 | 32.5491319 | 32.67347 | -117.11628 | 32.6491319 | 32.67425 | -117.116067 |
| 32.4446528 | 32.673027 | -117.116253 | 32.5493056 | 32.67347 | -117.11628 | 32.6493171 | 32.67425 | -117.116067 |
| 32.4448032 | 32.673027 | -117.116253 | 32.5494907 | 32.67347 | -117.11628 | 32.6494907 | 32.67425 | -117.116067 |
| 32.4449769 | 32.673027 | -117.116253 | 32.5496644 | 32.67347 | -117.11628 | 32.6496991 | 32.67425 | -117.116067 |
| 32.4454977 | 32.673027 | -117.116253 | 32.5498264 | 32.67347 | -117.11628 | 32.6498264 | 32.67425 | -117.116067 |
| 32.4456713 | 32.673027 | -117.116253 | 32.55 | 32.67348 | -117.11628 | 32.65 | 32.67425 | -117.116067 |
| 32.4458449 | 32.673027 | -117.116253 | 32.5501736 | 32.67348 | -117.11628 | 32.6501736 | 32.67425 | -117.116067 |
| 32.4460185 | 32.673027 | -117.116253 | 32.5506944 | 32.67348 | -117.11628 | 32.6503588 | 32.67425 | -117.116067 |
| 32.4461806 | 32.673027 | -117.116253 | 32.5508681 | 32.67348 | -117.11628 | 32.6509607 | 32.67425 | -117.116067 |
| 32.4463542 | 32.67303 | -117.116253 | 32.5510417 | 32.67348 | -117.11628 | 32.6510417 | 32.67425 | -117.116067 |
| 32.4465278 | 32.67303 | -117.116253 | 32.5512153 | 32.67348 | -117.116293 | 32.6512153 | 32.67425 | -117.116067 |
| 32.4467014 | 32.67303 | -117.116253 | 32.5513889 | 32.67349 | -117.116293 | 32.6514005 | 32.67425 | -117.116067 |
| 32.446875 | 32.67303 | -117.116253 | 32.5515625 | 32.67349 | -117.116293 | 32.6515741 | 32.67425 | -117.116067 |
| 32.4470486 | 32.67303 | -117.116253 | 32.5517477 | 32.67349 | -117.116293 | 32.6517361 | 32.67425 | -117.116067 |
| 32.4472222 | 32.67303 | -117.116253 | 32.5519213 | 32.67349 | -117.116293 | 32.6519097 | 32.67425 | -117.116067 |
| 32.4473958 | 32.67303 | -117.116253 | 32.5520833 | 32.67349 | -117.116293 | 32.6520949 | 32.67425 | -117.116067 |
| 32.4475694 | 32.67303 | -117.116253 | 32.5522569 | 32.67349 | -117.116293 | 32.6522685 | 32.67425 | -117.116067 |
| 32.4477894 | 32.67303 | -117.116253 | 32.5524421 | 32.67349 | -117.116293 | 32.6524421 | 32.67425 | -117.116067 |
| 32.4479167 | 32.67303 | -117.116253 | 32.5526157 | 32.6735 | -117.116293 | 32.6526273 | 32.67425 | -117.116067 |
| 32.4481019 | 32.67303 | -117.116253 | 32.5527894 | 32.6735 | -117.116293 | 32.6527778 | 32.67425 | -117.116067 |
| 32.4482755 | 32.67303 | -117.116253 | 32.552963 | 32.6735 | -117.116293 | 32.6529514 | 32.67425 | -117.116067 |
| 32.4484491 | 32.67303 | -117.116253 | 32.5531366 | 32.6735 | -117.116307 | 32.6531366 | 32.67425 | -117.116067 |
| 32.4486227 | 32.67303 | -117.116253 | 32.5533102 | 32.6735 | -117.116307 | 32.6533102 | 32.67425 | -117.116067 |
| 32.4488194 | 32.67303 | -117.116253 | 32.5534838 | 32.6735 | -117.116307 | 32.6534722 | 32.67425 | -117.116067 |
| 32.4507407 | 32.67302 | -117.116253 | 32.5536574 | 32.67351 | -117.116307 | 32.6536458 | 32.67425 | -117.116067 |
| 32.4508681 | 32.67302 | -117.116253 | 32.5538194 | 32.67351 | -117.116307 | 32.653831 | 32.67425 | -117.116067 |
| 32.4510532 | 32.67302 | -117.116253 | 32.5539931 | 32.67351 | -117.116307 | 32.6540046 | 32.67425 | -117.116067 |
| 32.4512269 | 32.67302 | -117.116253 | 32.5545255 | 32.67351 | -117.11632 | 32.6545139 | 32.67425 | -117.116067 |
| 32.4514005 | 32.67302 | -117.116253 | 32.5546991 | 32.67351 | -117.11632 | 32.6546875 | 32.67425 | -117.116067 |
| 32.4515625 | 32.67302 | -117.116253 | 32.5548727 | 32.67351 | -117.11632 | 32.6548611 | 32.67425 | -117.116067 |
| 32.4517824 | 32.67302 | -117.116253 | 32.5550463 | 32.67351 | -117.11632 | 32.6550347 | 32.67425 | -117.116067 |
| 32.4519097 | 32.67302 | -117.116253 | 32.5552083 | 32.67352 | -117.11632 | 32.6552083 | 32.67425 | -117.116067 |
| 32.4520833 | 32.67302 | -117.11624 | 32.5553819 | 32.67352 | -117.11632 | 32.6553935 | 32.67425 | -117.116067 |
| 32.4522569 | 32.67302 | -117.11624 | 32.5555556 | 32.67352 | -117.11632 | 32.6555671 | 32.67425 | -117.116067 |
| 32.4524306 | 32.67302 | -117.11624 | 32.5557407 | 32.67353 | -117.11632 | 32.6557292 | 32.67425 | -117.116067 |
| 32.4526042 | 32.67302 | -117.11624 | 32.5559144 | 32.67353 | -117.11632 | 32.6559028 | 32.67425 | -117.116067 |
| 32.4528241 | 32.67302 | -117.11624 | 32.556088 | 32.67353 | -117.11632 | 32.6560764 | 32.67425 | -117.116067 |
| 32.4529745 | 32.67302 | -117.11624 | 32.55625 | 32.67354 | -117.11632 | 32.65625 | 32.67425 | -117.116067 |
| 32.453125 | 32.67302 | -117.11624 | 32.5564236 | 32.67354 | -117.11632 | 32.6564236 | 32.67425 | -117.116067 |
| 32.4532986 | 32.67302 | -117.11624 | 32.5566088 | 32.67354 | -117.11632 | 32.6565972 | 32.67425 | -117.116067 |
| 32.4534838 | 32.67302 | -117.116227 | 32.5567824 | 32.67354 | -117.11632 | 32.6567708 | 32.67425 | -117.116067 |
| 32.4536574 | 32.67302 | -117.116227 | 32.556956 | 32.67354 | -117.11632 | 32.6569444 | 32.67425 | -117.116053 |
| 32.4538194 | 32.67302 | -117.116227 | 32.5571181 | 32.67354 | -117.11632 | 32.6571181 | 32.67425 | -117.116053 |
| 32.4539931 | 32.67302 | -117.116227 | 32.5572917 | 32.67354 | -117.11632 | 32.6572917 | 32.67425 | -117.116053 |
| 32.4557407 | 32.67302 | -117.116213 | 32.5574769 | 32.67355 | -117.11632 | 32.6574653 | 32.67425 | -117.116053 |
| 32.4559144 | 32.67302 | -117.116213 | 32.5576505 | 32.67355 | -117.11632 | 32.6576505 | 32.67425 | -117.116053 |
| 32.456088 | 32.67302 | -117.116213 | 32.5578241 | 32.67355 | -117.116347 | 32.6578241 | 32.67425 | -117.116053 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4562616 | 32.67302 | -117.116213 | 32.5583449 | 32.67358 | -117.116347 | 32.6586806 | 32.67425 | -117.116053 |
| 32.4564352 | 32.67302 | -117.116213 | 32.5585069 | 32.67358 | -117.116347 | 32.6588542 | 32.67425 | -117.116053 |
| 32.4567014 | 32.67302 | -117.116213 | 32.5586806 | 32.67358 | -117.116347 | 32.6590394 | 32.67425 | -117.116053 |
| 32.4567824 | 32.67302 | -117.116213 | 32.5588657 | 32.67358 | -117.116347 | 32.659213 | 32.67425 | -117.116053 |
| 32.456956 | 32.67302 | -117.116213 | 32.5590394 | 32.67358 | -117.116347 | 32.6593866 | 32.67425 | -117.116053 |
| 32.4571296 | 32.67302 | -117.116213 | 32.559213 | 32.67359 | -117.116347 | 32.6595602 | 32.67425 | -117.116053 |
| 32.4574074 | 32.67301 | -117.1162 | 32.5593866 | 32.67359 | -117.116347 | 32.6597222 | 32.67425 | -117.116053 |
| 32.4575116 | 32.67301 | -117.1162 | 32.5595486 | 32.67359 | -117.116347 | 32.6598958 | 32.67425 | -117.116053 |
| 32.4576852 | 32.67301 | -117.1162 | 32.5597685 | 32.67359 | -117.116347 | 32.6600694 | 32.67425 | -117.116053 |
| 32.4578125 | 32.67301 | -117.1162 | 32.5598958 | 32.67359 | -117.116347 | 32.6602546 | 32.67425 | -117.116053 |
| 32.4579861 | 32.67301 | -117.1162 | 32.5600694 | 32.67359 | -117.116347 | 32.6604282 | 32.67425 | -117.116053 |
| 32.458206 | 32.67301 | -117.1162 | 32.5602546 | 32.6736 | -117.116347 | 32.6605903 | 32.67425 | -117.116053 |
| 32.4583333 | 32.67302 | -117.1162 | 32.5604282 | 32.6736 | -117.116347 | 32.6607639 | 32.67425 | -117.116053 |
| 32.4585185 | 32.67302 | -117.1162 | 32.5606019 | 32.6736 | -117.116347 | 32.6609375 | 32.67425 | -117.116053 |
| 32.4586921 | 32.67302 | -117.1162 | 32.5607755 | 32.67362 | -117.116347 | 32.6611111 | 32.67425 | -117.116053 |
| 32.4588542 | 32.67302 | -117.1162 | 32.5609491 | 32.67362 | -117.116347 | 32.6612847 | 32.67425 | -117.116053 |
| 32.4590278 | 32.67302 | -117.1162 | 32.5611111 | 32.67367 | -117.116387 | 32.6614583 | 32.67425 | -117.116053 |
| 32.4595486 | 32.67303 | -117.11616 | 32.5612847 | 32.67369 | -117.116387 | 32.6616319 | 32.67425 | -117.116053 |
| 32.4597222 | 32.67303 | -117.11616 | 32.5614583 | 32.67369 | -117.116387 | 32.6618056 | 32.67425 | -117.116053 |
| 32.4598958 | 32.67303 | -117.11616 | 32.5616319 | 32.67369 | -117.116387 | 32.6619792 | 32.67425 | -117.116053 |
| 32.4600694 | 32.67302 | -117.11616 | 32.5639583 | 32.67373 | -117.116387 | 32.6625116 | 32.67425 | -117.116067 |
| 32.4602431 | 32.67303 | -117.11616 | 32.5640625 | 32.67373 | -117.116387 | 32.6626852 | 32.67425 | -117.116067 |
| 32.4604167 | 32.67302 | -117.11616 | 32.5642477 | 32.67373 | -117.116387 | 32.6628588 | 32.67425 | -117.116053 |
| 32.4605903 | 32.67303 | -117.11616 | 32.5644213 | 32.67373 | -117.116387 | 32.6630324 | 32.67425 | -117.116067 |
| 32.4607639 | 32.67303 | -117.11616 | 32.5645949 | 32.67373 | -117.116387 | 32.663206 | 32.67425 | -117.116067 |
| 32.4609375 | 32.67302 | -117.11616 | 32.5647569 | 32.67374 | -117.116387 | 32.6633796 | 32.67425 | -117.116067 |
| 32.461169 | 32.67302 | -117.11616 | 32.5649306 | 32.67374 | -117.116387 | 32.6635532 | 32.67425 | -117.116053 |
| 32.4612963 | 32.67302 | -117.11616 | 32.5651042 | 32.67374 | -117.116387 | 32.6637153 | 32.67425 | -117.116053 |
| 32.4614583 | 32.67302 | -117.11616 | 32.5652778 | 32.67374 | -117.116387 | 32.6638889 | 32.67425 | -117.116053 |
| 32.4616319 | 32.67302 | -117.116147 | 32.5654514 | 32.67374 | -117.116387 | 32.6640625 | 32.67425 | -117.116053 |
| 32.4618056 | 32.67303 | -117.116147 | 32.565625 | 32.67375 | -117.116387 | 32.6642361 | 32.67425 | -117.116053 |
| 32.4620255 | 32.67302 | -117.116147 | 32.5658912 | 32.67375 | -117.116387 | 32.664456 | 32.67425 | -117.116053 |
| 32.4621644 | 32.67302 | -117.116147 | 32.5659838 | 32.67375 | -117.116387 | 32.6645833 | 32.67425 | -117.116053 |
| 32.462338 | 32.67302 | -117.116147 | 32.5661574 | 32.67375 | -117.116387 | 32.6647569 | 32.67425 | -117.116053 |
| 32.4625116 | 32.67302 | -117.116147 | 32.566331 | 32.67375 | -117.116387 | 32.6649306 | 32.67425 | -117.116053 |
| 32.4627315 | 32.67302 | -117.116133 | 32.5664931 | 32.67376 | -117.116387 | 32.6651042 | 32.67425 | -117.116053 |
| 32.4628588 | 32.67302 | -117.116133 | 32.566713 | 32.67377 | -117.116387 | 32.6652894 | 32.67425 | -117.116053 |
| 32.4645949 | 32.67302 | -117.116107 | 32.5668519 | 32.67377 | -117.116387 | 32.6654514 | 32.67425 | -117.116053 |
| 32.4647685 | 32.67302 | -117.116107 | 32.5670833 | 32.67377 | -117.1164 | 32.665625 | 32.67425 | -117.116067 |
| 32.4649306 | 32.67302 | -117.116107 | 32.5671875 | 32.67377 | -117.1164 | 32.6657986 | 32.67425 | -117.116067 |
| 32.4651042 | 32.67302 | -117.116107 | 32.5677199 | 32.67376 | -117.1164 | 32.6670139 | 32.67425 | -117.116067 |
| 32.4652894 | 32.67302 | -117.116107 | 32.5678935 | 32.67374 | -117.116387 | 32.6671875 | 32.67425 | -117.116067 |
| 32.4655208 | 32.67302 | -117.116107 | 32.5680671 | 32.67371 | -117.11636 | 32.6673611 | 32.67425 | -117.116067 |
| 32.465625 | 32.67302 | -117.116107 | 32.5682292 | 32.6737 | -117.116347 | 32.6675347 | 32.67425 | -117.116067 |
| 32.4657986 | 32.67302 | -117.116107 | 32.5684144 | 32.6737 | -117.11628 | 32.6677083 | 32.67425 | -117.116067 |
| 32.4659838 | 32.67302 | -117.116107 | 32.568588 | 32.6737 | -117.116253 | 32.6678819 | 32.67425 | -117.116067 |
| 32.4661574 | 32.67301 | -117.116107 | 32.56875 | 32.6737 | -117.116253 | 32.6680556 | 32.67425 | -117.116067 |
| 32.466331 | 32.67301 | -117.116107 | 32.5689236 | 32.6737 | -117.116253 | 32.6682292 | 32.67425 | -117.116067 |
| 32.4665046 | 32.67301 | -117.116107 | 32.5690972 | 32.6737 | -117.116253 | 32.6684028 | 32.67426 | -117.116067 |
| 32.4667361 | 32.67301 | -117.116107 | 32.5692708 | 32.6737 | -117.116253 | 32.6685764 | 32.67426 | -117.116067 |
| 32.4668403 | 32.67301 | -117.116107 | 32.569456 | 32.6737 | -117.116253 | 32.66875 | 32.67426 | -117.116067 |
| 32.4670255 | 32.67301 | -117.116107 | 32.5696296 | 32.6737 | -117.116253 | 32.6689236 | 32.67426 | -117.116067 |
| 32.4671991 | 32.67301 | -117.116093 | 32.5698032 | 32.6737 | -117.116253 | 32.6690972 | 32.67426 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4674074 | 32.67301 | -117.116093 | 32.5699769 | 32.6737 | -117.116253 | 32.6692708 | 32.67426 | -117.116067 |
| 32.4675347 | 32.67301 | -117.116093 | 32.5701389 | 32.6737 | -117.116253 | 32.6694444 | 32.67426 | -117.116067 |
| 32.4677199 | 32.67301 | -117.116093 | 32.5703125 | 32.6737 | -117.116253 | 32.6696181 | 32.67426 | -117.116067 |
| 32.4679514 | 32.67301 | -117.116093 | 32.5704861 | 32.6737 | -117.116253 | 32.6697917 | 32.67426 | -117.116067 |
| 32.4684144 | 32.673 | -117.116093 | 32.5707292 | 32.6737 | -117.116253 | 32.6699653 | 32.67426 | -117.116067 |
| 32.468588 | 32.673 | -117.116093 | 32.5708449 | 32.6737 | -117.116253 | 32.6701389 | 32.67426 | -117.116067 |
| 32.4687616 | 32.673 | -117.116093 | 32.5710185 | 32.6737 | -117.116253 | 32.6703125 | 32.67425 | -117.116067 |
| 32.4689352 | 32.673 | -117.116093 | 32.5713657 | 32.6737 | -117.116253 | 32.6708565 | 32.67425 | -117.116067 |
| 32.4691088 | 32.673 | -117.116093 | 32.5715278 | 32.6737 | -117.116253 | 32.6710069 | 32.67426 | -117.116067 |
| 32.4692708 | 32.673 | -117.116093 | 32.5717014 | 32.6737 | -117.116253 | 32.6711806 | 32.67426 | -117.116067 |
| 32.4694444 | 32.673 | -117.11608 | 32.571875 | 32.6737 | -117.116253 | 32.6713542 | 32.67426 | -117.116067 |
| 32.4696296 | 32.673 | -117.116067 | 32.5720486 | 32.6737 | -117.116253 | 32.6715278 | 32.67426 | -117.11608 |
| 32.4698032 | 32.67299 | -117.116067 | 32.5722338 | 32.6737 | -117.116253 | 32.6717014 | 32.67426 | -117.11608 |
| 32.4699769 | 32.67299 | -117.116067 | 32.5724074 | 32.6737 | -117.11624 | 32.671875 | 32.67426 | -117.11608 |
| 32.4701505 | 32.67299 | -117.116067 | 32.572581 | 32.6737 | -117.11624 | 32.6720486 | 32.67426 | -117.11608 |
| 32.4703125 | 32.67299 | -117.116067 | 32.5727546 | 32.67371 | -117.11624 | 32.6722222 | 32.67426 | -117.11608 |
| 32.4704861 | 32.67299 | -117.116067 | 32.5729167 | 32.67371 | -117.11624 | 32.6723958 | 32.67426 | -117.11608 |
| 32.4706597 | 32.67299 | -117.116067 | 32.5730903 | 32.67371 | -117.11624 | 32.6725694 | 32.67426 | -117.11608 |
| 32.4709722 | 32.67299 | -117.116067 | 32.5733102 | 32.67371 | -117.11624 | 32.6727431 | 32.67426 | -117.11608 |
| 32.4711921 | 32.67299 | -117.116067 | 32.5734375 | 32.67371 | -117.11624 | 32.6729167 | 32.67426 | -117.116093 |
| 32.4713657 | 32.67299 | -117.116067 | 32.5736111 | 32.67371 | -117.11624 | | | |

DrEx 108

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3759607 | 32.674057 | -117.115933 | 32.4690972 | 32.67391 | -117.116147 | 32.5611111 | 32.67352 | -117.116107 |
| 32.3760417 | 32.674080 | -117.115947 | 32.4692708 | 32.67391 | -117.116147 | 32.5612847 | 32.67352 | -117.116107 |
| 32.3762269 | 32.674073 | -117.115973 | 32.469456 | 32.67391 | -117.116133 | 32.5614583 | 32.67352 | -117.116107 |
| 32.3764005 | 32.674093 | -117.115947 | 32.4696296 | 32.67391 | -117.116133 | 32.5616435 | 32.67352 | -117.116107 |
| 32.3765741 | 32.674090 | -117.115947 | 32.4698032 | 32.67391 | -117.116133 | 32.5618171 | 32.67352 | -117.116107 |
| 32.3767477 | 32.674090 | -117.115933 | 32.4699769 | 32.67391 | -117.116133 | 32.5619907 | 32.67352 | -117.116107 |
| 32.3769097 | 32.674083 | -117.115920 | 32.4701505 | 32.67391 | -117.116133 | 32.5621528 | 32.67352 | -117.116107 |
| 32.3770833 | 32.674090 | -117.115933 | 32.4703241 | 32.6739 | -117.116133 | 32.5623264 | 32.67352 | -117.116107 |
| 32.3772685 | 32.674083 | -117.115933 | 32.4704977 | 32.6739 | -117.116133 | 32.5625 | 32.67352 | -117.116107 |
| 32.3774421 | 32.674083 | -117.115933 | 32.4706713 | 32.6739 | -117.116133 | 32.5626852 | 32.67353 | -117.116107 |
| 32.3776157 | 32.674083 | -117.115933 | 32.4708333 | 32.6739 | -117.116133 | 32.5628588 | 32.67353 | -117.116107 |
| 32.3777894 | 32.674083 | -117.115933 | 32.4710069 | 32.6739 | -117.116133 | 32.5630208 | 32.67353 | -117.116107 |
| 32.3779630 | 32.674083 | -117.115933 | 32.4711921 | 32.6739 | -117.116133 | 32.5640625 | 32.67353 | -117.116107 |
| 32.3781250 | 32.674083 | -117.115933 | 32.4713657 | 32.6739 | -117.116107 | 32.5642361 | 32.67353 | -117.116107 |
| 32.3782986 | 32.674083 | -117.115933 | 32.4715394 | 32.6739 | -117.116107 | 32.5644097 | 32.67353 | -117.116107 |
| 32.3784722 | 32.674080 | -117.115933 | 32.4717014 | 32.67389 | -117.116107 | 32.5645833 | 32.67353 | -117.116107 |
| 32.3786574 | 32.674080 | -117.115933 | 32.4722222 | 32.67389 | -117.116107 | 32.5647685 | 32.67353 | -117.116107 |
| 32.3788310 | 32.674077 | -117.115933 | 32.4723958 | 32.67389 | -117.116107 | 32.5649421 | 32.67353 | -117.116107 |
| 32.3790046 | 32.674077 | -117.115933 | 32.472581 | 32.67389 | -117.116107 | 32.5651157 | 32.67353 | -117.116107 |
| 32.3791667 | 32.674073 | -117.115933 | 32.4727546 | 32.67389 | -117.116107 | 32.5652778 | 32.67353 | -117.116107 |
| 32.3796991 | 32.674067 | -117.115947 | 32.4729282 | 32.67389 | -117.116107 | 32.5654514 | 32.67353 | -117.116107 |
| 32.3798727 | 32.674067 | -117.115947 | 32.4731019 | 32.67389 | -117.116107 | 32.5656366 | 32.67353 | -117.116107 |
| 32.3800463 | 32.674063 | -117.115933 | 32.4732639 | 32.67389 | -117.116093 | 32.5658102 | 32.67353 | -117.116107 |
| 32.3802199 | 32.674057 | -117.115933 | 32.4734375 | 32.67389 | -117.116093 | 32.5659838 | 32.67353 | -117.116107 |
| 32.3803819 | 32.674053 | -117.115933 | 32.4736111 | 32.67389 | -117.116093 | 32.5661458 | 32.67353 | -117.116107 |
| 32.3805556 | 32.674047 | -117.115933 | 32.4737847 | 32.67389 | -117.116093 | 32.5663194 | 32.67353 | -117.116107 |
| 32.3807292 | 32.674043 | -117.115933 | 32.4739699 | 32.67389 | -117.116093 | 32.5665046 | 32.67353 | -117.116107 |
| 32.3809144 | 32.674043 | -117.115933 | 32.4741435 | 32.67389 | -117.11608 | 32.5666782 | 32.67353 | -117.116107 |
| 32.3810880 | 32.674040 | -117.115933 | 32.4743171 | 32.67389 | -117.11608 | 32.5668519 | 32.67353 | -117.116107 |
| 32.3812616 | 32.674037 | -117.115933 | 32.4744792 | 32.67388 | -117.11608 | 32.5670139 | 32.67353 | -117.116107 |
| 32.3814352 | 32.674037 | -117.115933 | 32.4746528 | 32.67388 | -117.11608 | 32.5671875 | 32.67353 | -117.116133 |
| 32.3816088 | 32.674030 | -117.115933 | 32.4748264 | 32.67388 | -117.11608 | 32.5673727 | 32.67353 | -117.116133 |
| 32.3817824 | 32.674030 | -117.115933 | 32.475 | 32.67388 | -117.11608 | 32.5678819 | 32.67354 | -117.116107 |
| 32.3819444 | 32.674030 | -117.115933 | 32.4751852 | 32.67388 | -117.11608 | 32.5680556 | 32.67354 | -117.116107 |
| 32.3821181 | 32.674030 | -117.115933 | 32.4753588 | 32.67388 | -117.11608 | 32.5682292 | 32.67354 | -117.116107 |
| 32.3822917 | 32.674030 | -117.115933 | 32.4755324 | 32.67388 | -117.11608 | 32.5684028 | 32.67354 | -117.116107 |
| 32.3824769 | 32.674027 | -117.115933 | 32.4760417 | 32.67387 | -117.116067 | 32.568588 | 32.67354 | -117.116107 |
| 32.3826505 | 32.674027 | -117.115933 | 32.4762269 | 32.67387 | -117.116067 | 32.5687616 | 32.67354 | -117.116107 |
| 32.3828241 | 32.674023 | -117.115933 | 32.4764005 | 32.67387 | -117.116067 | 32.5689352 | 32.67354 | -117.116107 |
| 32.3829977 | 32.674023 | -117.115933 | 32.4765741 | 32.67387 | -117.116067 | 32.5690972 | 32.67354 | -117.116107 |
| 32.3835185 | 32.674017 | -117.115933 | 32.4767477 | 32.67387 | -117.116067 | 32.5692708 | 32.67354 | -117.116107 |
| 32.3836921 | 32.674017 | -117.115933 | 32.4769097 | 32.67387 | -117.116067 | 32.569456 | 32.67354 | -117.116107 |
| 32.3838657 | 32.674010 | -117.115933 | 32.4770833 | 32.67387 | -117.116067 | 32.5696296 | 32.67354 | -117.116107 |
| 32.3840278 | 32.674010 | -117.115933 | 32.4772569 | 32.67386 | -117.116067 | 32.5698032 | 32.67354 | -117.116107 |
| 32.3842014 | 32.674007 | -117.115933 | 32.4774421 | 32.67386 | -117.116067 | 32.5699769 | 32.67354 | -117.116107 |
| 32.3843750 | 32.674007 | -117.115933 | 32.4776157 | 32.67386 | -117.116067 | 32.5701389 | 32.67354 | -117.116107 |
| 32.3845602 | 32.674003 | -117.115933 | 32.4777894 | 32.67386 | -117.116067 | 32.5703125 | 32.67354 | -117.116107 |
| 32.3847338 | 32.674003 | -117.115933 | 32.477963 | 32.67386 | -117.116053 | 32.5704861 | 32.67354 | -117.116107 |
| 32.3848958 | 32.674000 | -117.115933 | 32.478125 | 32.67386 | -117.116053 | 32.5706597 | 32.67354 | -117.116107 |
| 32.3850694 | 32.674000 | -117.115933 | 32.4782986 | 32.67386 | -117.116053 | 32.5708449 | 32.67354 | -117.116107 |
| 32.3852431 | 32.673993 | -117.115933 | 32.4784722 | 32.67386 | -117.116053 | 32.5710185 | 32.67354 | -117.116107 |
| 32.3854282 | 32.673993 | -117.115933 | 32.4786574 | 32.67386 | -117.116053 | 32.5711921 | 32.67354 | -117.116107 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3856019 | 32.673993 | -117.115933 | 32.478831 | 32.67386 | -117.116053 | 32.5717014 | 32.67354 | -117.116107 |
| 32.3857639 | 32.673993 | -117.115933 | 32.4789931 | 32.67385 | -117.116053 | 32.571875 | 32.67354 | -117.116107 |
| 32.3859375 | 32.673990 | -117.115933 | 32.4791667 | 32.67385 | -117.116053 | 32.5720602 | 32.67354 | -117.116107 |
| 32.3861111 | 32.673990 | -117.115933 | 32.4793403 | 32.67385 | -117.116053 | 32.5722338 | 32.67354 | -117.116107 |
| 32.3862963 | 32.673987 | -117.115933 | 32.4798727 | 32.67385 | -117.116053 | 32.5724074 | 32.67354 | -117.116107 |
| 32.3864699 | 32.673987 | -117.115933 | 32.4800463 | 32.67385 | -117.116027 | 32.5725694 | 32.67354 | -117.116107 |
| 32.3866435 | 32.673983 | -117.115933 | 32.4802199 | 32.67385 | -117.116027 | 32.5727431 | 32.67354 | -117.116107 |
| 32.3868171 | 32.673983 | -117.115933 | 32.4803935 | 32.67385 | -117.116027 | 32.5729167 | 32.67354 | -117.116107 |
| 32.3871528 | 32.673980 | -117.115933 | 32.4805556 | 32.67385 | -117.116027 | 32.5731019 | 32.67354 | -117.116107 |
| 32.3873264 | 32.673980 | -117.115933 | 32.4807292 | 32.67385 | -117.116027 | 32.5732755 | 32.67354 | -117.116107 |
| 32.3875000 | 32.673980 | -117.115933 | 32.4809144 | 32.67384 | -117.116027 | 32.5734491 | 32.67354 | -117.116107 |
| 32.3876852 | 32.673973 | -117.115933 | 32.481088 | 32.67384 | -117.116027 | 32.5736111 | 32.67354 | -117.116107 |
| 32.3878588 | 32.673973 | -117.115933 | 32.4812616 | 32.67384 | -117.116027 | 32.5737847 | 32.67354 | -117.116107 |
| 32.3880324 | 32.673973 | -117.115933 | 32.4814352 | 32.67384 | -117.116027 | 32.5739699 | 32.67354 | -117.116107 |
| 32.3881944 | 32.673970 | -117.115933 | 32.4815972 | 32.67384 | -117.116027 | 32.5741435 | 32.67354 | -117.116107 |
| 32.3883681 | 32.673970 | -117.115933 | 32.4817708 | 32.67384 | -117.116027 | 32.5743171 | 32.67354 | -117.116107 |
| 32.3885417 | 32.673967 | -117.115933 | 32.4819444 | 32.67384 | -117.116013 | 32.5744792 | 32.67354 | -117.116107 |
| 32.3887269 | 32.673967 | -117.115933 | 32.4821296 | 32.67384 | -117.116013 | 32.5746528 | 32.67354 | -117.116107 |
| 32.3889005 | 32.673963 | -117.115933 | 32.4823032 | 32.67384 | -117.116013 | 32.5748264 | 32.67354 | -117.116107 |
| 32.3890741 | 32.673963 | -117.115933 | 32.4824769 | 32.67384 | -117.116013 | 32.575 | 32.67354 | -117.116107 |
| 32.3892361 | 32.673960 | -117.115933 | 32.4826505 | 32.67384 | -117.116013 | 32.5755208 | 32.67354 | -117.116107 |
| 32.3894097 | 32.673960 | -117.115933 | 32.4828241 | 32.67384 | -117.116013 | 32.5756944 | 32.67354 | -117.116107 |
| 32.3895833 | 32.673960 | -117.115933 | 32.4829861 | 32.67383 | -117.116013 | 32.5758681 | 32.67354 | -117.116133 |
| 32.3897685 | 32.673960 | -117.115933 | 32.4831597 | 32.67383 | -117.116013 | 32.5760532 | 32.67354 | -117.116133 |
| 32.3899421 | 32.673953 | -117.115933 | 32.484213 | 32.67383 | -117.116 | 32.5762269 | 32.67355 | -117.116133 |
| 32.3901157 | 32.673953 | -117.115933 | 32.4843866 | 32.67383 | -117.116 | 32.5764005 | 32.67355 | -117.116133 |
| 32.3902778 | 32.673950 | -117.115933 | 32.4845602 | 32.67383 | -117.116 | 32.5765625 | 32.67355 | -117.116133 |
| 32.3904514 | 32.673950 | -117.115933 | 32.4847222 | 32.67383 | -117.116 | 32.5767361 | 32.67355 | -117.116133 |
| 32.3909838 | 32.673947 | -117.115920 | 32.4848958 | 32.67382 | -117.116 | 32.5769213 | 32.67355 | -117.116133 |
| 32.3911574 | 32.673943 | -117.115920 | 32.485081 | 32.67382 | -117.116 | 32.5770949 | 32.67355 | -117.116133 |
| 32.3913194 | 32.673943 | -117.115920 | 32.4852546 | 32.67382 | -117.116 | 32.5772685 | 32.67355 | -117.116133 |
| 32.3914931 | 32.673943 | -117.115920 | 32.4854282 | 32.67382 | -117.116 | 32.5774306 | 32.67355 | -117.116133 |
| 32.3916667 | 32.673943 | -117.115920 | 32.4856019 | 32.67382 | -117.116 | 32.5776042 | 32.67355 | -117.116107 |
| 32.3918403 | 32.673937 | -117.115920 | 32.4857639 | 32.67382 | -117.116 | 32.5777778 | 32.67355 | -117.116107 |
| 32.3920255 | 32.673937 | -117.115920 | 32.4859375 | 32.67382 | -117.116 | 32.577963 | 32.67355 | -117.116107 |
| 32.3921991 | 32.673937 | -117.115920 | 32.4861227 | 32.67382 | -117.116 | 32.5781366 | 32.67355 | -117.116107 |
| 32.3923727 | 32.673937 | -117.115920 | 32.4862963 | 32.67381 | -117.116 | 32.5783102 | 32.67355 | -117.116107 |
| 32.3925463 | 32.673937 | -117.115920 | 32.4864699 | 32.67381 | -117.115987 | 32.5784838 | 32.67355 | -117.116107 |
| 32.3927083 | 32.673933 | -117.115920 | 32.4866435 | 32.67381 | -117.115987 | 32.5786458 | 32.67355 | -117.116107 |
| 32.3928819 | 32.673933 | -117.115920 | 32.4868056 | 32.67381 | -117.115987 | 32.5788194 | 32.67355 | -117.116107 |
| 32.3930671 | 32.673933 | -117.115920 | 32.4869792 | 32.67381 | -117.115987 | 32.5793403 | 32.67355 | -117.116107 |
| 32.3932407 | 32.673930 | -117.115920 | 32.4871528 | 32.67381 | -117.115987 | 32.5795139 | 32.67355 | -117.116107 |
| 32.3934144 | 32.673930 | -117.115920 | 32.4873264 | 32.67381 | -117.115987 | 32.5796991 | 32.67355 | -117.116107 |
| 32.3935764 | 32.673930 | -117.115920 | 32.4875116 | 32.67381 | -117.115987 | 32.5798727 | 32.67355 | -117.116107 |
| 32.3937500 | 32.673927 | -117.115920 | 32.4880208 | 32.6738 | -117.115987 | 32.5800463 | 32.67355 | -117.116107 |
| 32.3939352 | 32.673927 | -117.115920 | 32.4881944 | 32.6738 | -117.115987 | 32.5802083 | 32.67355 | -117.116107 |
| 32.3941088 | 32.673927 | -117.115920 | 32.4883681 | 32.6738 | -117.115987 | 32.5803819 | 32.67355 | -117.116107 |
| 32.3942824 | 32.673923 | -117.115920 | 32.4885532 | 32.6738 | -117.115987 | 32.5805671 | 32.67355 | -117.116107 |
| 32.3946181 | 32.673923 | -117.115920 | 32.4887269 | 32.6738 | -117.115973 | 32.5807407 | 32.67355 | -117.116107 |
| 32.3947917 | 32.673923 | -117.115920 | 32.4889005 | 32.6738 | -117.115973 | 32.5809028 | 32.67355 | -117.116107 |
| 32.3949653 | 32.673923 | -117.115907 | 32.4890741 | 32.6738 | -117.115973 | 32.5810764 | 32.67355 | -117.116107 |
| 32.3951389 | 32.673923 | -117.115907 | 32.4892477 | 32.67379 | -117.115973 | 32.58125 | 32.67355 | -117.116107 |
| 32.3953125 | 32.673917 | -117.115907 | 32.4894213 | 32.67379 | -117.115973 | 32.5814236 | 32.67355 | -117.116107 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3954861 | 32.673917 | -117.115907 | 32.4895833 | 32.67379 | -117.115973 | 32.5816088 | 32.67355 | -117.116107 |
| 32.3956713 | 32.673917 | -117.115907 | 32.4897569 | 32.67379 | -117.115973 | 32.5817824 | 32.67355 | -117.116107 |
| 32.3958449 | 32.673917 | -117.115907 | 32.4899306 | 32.67379 | -117.115973 | 32.581956 | 32.67355 | -117.116107 |
| 32.3960185 | 32.673917 | -117.115880 | 32.4901157 | 32.67378 | -117.115973 | 32.5821296 | 32.67355 | -117.116107 |
| 32.3961921 | 32.673913 | -117.115880 | 32.4902894 | 32.67378 | -117.115973 | 32.5823032 | 32.67355 | -117.116107 |
| 32.3963657 | 32.673913 | -117.115880 | 32.490463 | 32.67378 | -117.115973 | 32.5824653 | 32.67355 | -117.116107 |
| 32.3965394 | 32.673913 | -117.115880 | 32.490625 | 32.67378 | -117.115973 | 32.5826389 | 32.67355 | -117.116107 |
| 32.3967014 | 32.673913 | -117.115880 | 32.4907986 | 32.67378 | -117.115947 | 32.5835185 | 32.67355 | -117.116107 |
| 32.3968750 | 32.673913 | -117.115880 | 32.4909722 | 32.67378 | -117.115947 | 32.5836921 | 32.67355 | -117.116107 |
| 32.3970602 | 32.673913 | -117.115880 | 32.4911458 | 32.67378 | -117.115947 | 32.5838657 | 32.67355 | -117.116107 |
| 32.3972338 | 32.673913 | -117.115880 | 32.491331 | 32.67378 | -117.115947 | 32.5840278 | 32.67355 | -117.116107 |
| 32.3974074 | 32.673913 | -117.115880 | 32.4918403 | 32.67377 | -117.115947 | 32.5842014 | 32.67355 | -117.116107 |
| 32.3975810 | 32.673913 | -117.115880 | 32.4920139 | 32.67377 | -117.115947 | 32.584375 | 32.67355 | -117.116107 |
| 32.3977431 | 32.673913 | -117.115880 | 32.4921875 | 32.67377 | -117.115947 | 32.5845602 | 32.67355 | -117.116107 |
| 32.3979167 | 32.673913 | -117.115880 | 32.4923611 | 32.67377 | -117.115947 | 32.5847338 | 32.67355 | -117.116107 |
| 32.3984491 | 32.673910 | -117.115880 | 32.4925463 | 32.67377 | -117.115947 | 32.5849074 | 32.67355 | -117.116107 |
| 32.3986227 | 32.673910 | -117.115880 | 32.4927199 | 32.67376 | -117.115947 | 32.5850694 | 32.67355 | -117.116107 |
| 32.3987963 | 32.673910 | -117.115880 | 32.4928935 | 32.67376 | -117.115947 | 32.5852431 | 32.67355 | -117.116107 |
| 32.3989583 | 32.673910 | -117.115880 | 32.4930556 | 32.67376 | -117.115947 | 32.5854167 | 32.67355 | -117.116107 |
| 32.3991319 | 32.673910 | -117.115867 | 32.4932292 | 32.67375 | -117.115947 | 32.5856019 | 32.67355 | -117.116107 |
| 32.3993056 | 32.673910 | -117.115867 | 32.4934028 | 32.67375 | -117.115947 | 32.5857755 | 32.67355 | -117.116107 |
| 32.3994907 | 32.673910 | -117.115867 | 32.493588 | 32.67375 | -117.115947 | 32.5859491 | 32.67354 | -117.116107 |
| 32.3996644 | 32.673910 | -117.115867 | 32.4937616 | 32.67377 | -117.115947 | 32.5861227 | 32.67354 | -117.116107 |
| 32.3998380 | 32.673910 | -117.115867 | 32.4939352 | 32.67375 | -117.116013 | 32.5862847 | 32.67354 | -117.116133 |
| 32.4000000 | 32.673910 | -117.115867 | 32.4940972 | 32.67374 | -117.116053 | 32.5864583 | 32.67354 | -117.116133 |
| 32.4001736 | 32.673910 | -117.115867 | 32.4942708 | 32.67373 | -117.116053 | 32.5866435 | 32.67354 | -117.116133 |
| 32.4003472 | 32.673910 | -117.115867 | 32.4944444 | 32.67373 | -117.116053 | 32.5868171 | 32.67354 | -117.116133 |
| 32.4005208 | 32.673910 | -117.115867 | 32.4946644 | 32.67373 | -117.116053 | 32.5873264 | 32.67354 | -117.116133 |
| 32.4007060 | 32.673910 | -117.115867 | 32.4948032 | 32.67373 | -117.116053 | 32.5875116 | 32.67354 | -117.116133 |
| 32.4008796 | 32.673913 | -117.115867 | 32.4949769 | 32.67373 | -117.116053 | 32.5876852 | 32.67354 | -117.116133 |
| 32.4010532 | 32.673917 | -117.115880 | 32.4951505 | 32.67373 | -117.116053 | 32.5878588 | 32.67354 | -117.116133 |
| 32.4012269 | 32.673930 | -117.115920 | 32.4956713 | 32.67373 | -117.116053 | 32.5880324 | 32.67354 | -117.116133 |
| 32.4014005 | 32.673933 | -117.115920 | 32.4958333 | 32.67373 | -117.116053 | 32.588206 | 32.67354 | -117.116133 |
| 32.4015625 | 32.673937 | -117.115920 | 32.4960069 | 32.67373 | -117.116053 | 32.5883681 | 32.67354 | -117.116133 |
| 32.4017361 | 32.673937 | -117.115933 | 32.4961806 | 32.67373 | -117.116053 | 32.5885417 | 32.67354 | -117.116133 |
| 32.4039931 | 32.673950 | -117.116013 | 32.4963542 | 32.67372 | -117.116053 | 32.5887153 | 32.67354 | -117.116133 |
| 32.4041667 | 32.673950 | -117.116013 | 32.4965278 | 32.67372 | -117.116053 | 32.5889005 | 32.67354 | -117.116133 |
| 32.4043519 | 32.673950 | -117.116013 | 32.496713 | 32.67372 | -117.116027 | 32.5890741 | 32.67354 | -117.116133 |
| 32.4045255 | 32.673950 | -117.116013 | 32.4968866 | 32.67372 | -117.116027 | 32.5892477 | 32.67354 | -117.116133 |
| 32.4046875 | 32.673950 | -117.116013 | 32.4970602 | 32.67372 | -117.116027 | 32.5894097 | 32.67354 | -117.116133 |
| 32.4048611 | 32.673950 | -117.116013 | 32.4972338 | 32.67372 | -117.116027 | 32.5895833 | 32.67354 | -117.116133 |
| 32.4050347 | 32.673950 | -117.116013 | 32.4973958 | 32.67372 | -117.116027 | 32.5898032 | 32.67354 | -117.116133 |
| 32.4052083 | 32.673950 | -117.116000 | 32.4975694 | 32.67372 | -117.116027 | 32.5899421 | 32.67354 | -117.116133 |
| 32.4053935 | 32.673950 | -117.116000 | 32.4977431 | 32.67372 | -117.116053 | 32.5901157 | 32.67354 | -117.116133 |
| 32.4055671 | 32.673950 | -117.116000 | 32.4979282 | 32.67372 | -117.116053 | 32.5902894 | 32.67354 | -117.116133 |
| 32.4057407 | 32.673950 | -117.116000 | 32.4981019 | 32.67372 | -117.116053 | 32.590463 | 32.67354 | -117.116133 |
| 32.4059144 | 32.673950 | -117.116000 | 32.4982755 | 32.67372 | -117.116053 | 32.590625 | 32.67354 | -117.116133 |
| 32.4060764 | 32.673950 | -117.116000 | 32.4984375 | 32.67371 | -117.116053 | 32.5911574 | 32.67354 | -117.116133 |
| 32.4062500 | 32.673950 | -117.116000 | 32.4986111 | 32.67371 | -117.116053 | 32.591331 | 32.67354 | -117.116133 |
| 32.4064236 | 32.673950 | -117.116000 | 32.4987847 | 32.67371 | -117.116053 | 32.5915046 | 32.67354 | -117.116133 |
| 32.4065972 | 32.673950 | -117.116000 | 32.4989699 | 32.67371 | -117.116053 | 32.5916782 | 32.67354 | -117.116107 |
| 32.4067824 | 32.673950 | -117.116000 | 32.4998264 | 32.67371 | -117.116053 | 32.5918519 | 32.67354 | -117.116133 |
| 32.4069560 | 32.673950 | -117.116000 | 32.5 | 32.67371 | -117.116053 | 32.5920139 | 32.67354 | -117.116133 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4071296 | 32.673947 | -117.116000 | 32.5001852 | 32.6737 | -117.116053 | 32.5921875 | 32.67354 | -117.116133 |
| 32.4083333 | 32.673937 | -117.116000 | 32.5003588 | 32.6737 | -117.116053 | 32.5923727 | 32.67355 | -117.116133 |
| 32.4085069 | 32.673937 | -117.116000 | 32.5005324 | 32.6737 | -117.116053 | 32.5925463 | 32.67355 | -117.116133 |
| 32.4086806 | 32.673937 | -117.116000 | 32.5006944 | 32.6737 | -117.116053 | 32.5927083 | 32.67355 | -117.116107 |
| 32.4088657 | 32.673937 | -117.116000 | 32.5008681 | 32.6737 | -117.116053 | 32.5928819 | 32.67355 | -117.116107 |
| 32.4090394 | 32.673937 | -117.116000 | 32.5010417 | 32.6737 | -117.116053 | 32.5930556 | 32.67354 | -117.116107 |
| 32.4092130 | 32.673933 | -117.116000 | 32.5012269 | 32.6737 | -117.116053 | 32.5932407 | 32.67354 | -117.116107 |
| 32.4093750 | 32.673933 | -117.116000 | 32.5014005 | 32.6737 | -117.116053 | 32.5934144 | 32.67354 | -117.116107 |
| 32.4095486 | 32.673933 | -117.116000 | 32.5015741 | 32.67369 | -117.116053 | 32.593588 | 32.67354 | -117.116107 |
| 32.4097222 | 32.673930 | -117.116000 | 32.5017477 | 32.67369 | -117.116053 | 32.5937616 | 32.67354 | -117.116107 |
| 32.4099074 | 32.673930 | -117.116000 | 32.5019213 | 32.67369 | -117.116067 | 32.5939352 | 32.67354 | -117.116107 |
| 32.4100810 | 32.673930 | -117.116000 | 32.5020833 | 32.67369 | -117.116067 | 32.5940972 | 32.67354 | -117.116107 |
| 32.4102546 | 32.673930 | -117.116000 | 32.5022569 | 32.67369 | -117.116067 | 32.5942708 | 32.67354 | -117.116107 |
| 32.4104167 | 32.673927 | -117.116000 | 32.5024306 | 32.67369 | -117.116067 | 32.5944444 | 32.67354 | -117.116107 |
| 32.4105903 | 32.673927 | -117.116000 | 32.5026042 | 32.67369 | -117.116067 | 32.5954977 | 32.67354 | -117.116107 |
| 32.4107639 | 32.673927 | -117.116000 | 32.5027894 | 32.67369 | -117.116067 | 32.5956713 | 32.67354 | -117.116107 |
| 32.4109491 | 32.673927 | -117.116000 | 32.502963 | 32.67369 | -117.116067 | 32.5958333 | 32.67354 | -117.116107 |
| 32.4111227 | 32.673923 | -117.116000 | 32.5031366 | 32.67369 | -117.116067 | 32.5960069 | 32.67354 | -117.116107 |
| 32.4112963 | 32.673923 | -117.116000 | 32.5036458 | 32.67368 | -117.116067 | 32.5961806 | 32.67354 | -117.116107 |
| 32.4114583 | 32.673923 | -117.116000 | 32.503831 | 32.67368 | -117.116067 | 32.5963657 | 32.67354 | -117.116107 |
| 32.4116319 | 32.673923 | -117.116000 | 32.5040046 | 32.67368 | -117.116067 | 32.5965394 | 32.67354 | -117.116107 |
| 32.4121528 | 32.673923 | -117.115987 | 32.5041667 | 32.67368 | -117.116067 | 32.596713 | 32.67354 | -117.116107 |
| 32.4123380 | 32.673923 | -117.115987 | 32.5043403 | 32.67368 | -117.116067 | 32.596875 | 32.67354 | -117.116107 |
| 32.4125116 | 32.673923 | -117.115987 | 32.5045139 | 32.67368 | -117.116067 | 32.5970486 | 32.67354 | -117.116107 |
| 32.4126852 | 32.673923 | -117.115987 | 32.5046991 | 32.67368 | -117.116067 | 32.5972222 | 32.67354 | -117.116107 |
| 32.4128588 | 32.673923 | -117.115987 | 32.5048727 | 32.67367 | -117.116067 | 32.5974074 | 32.67354 | -117.116107 |
| 32.4130208 | 32.673917 | -117.115987 | 32.5050463 | 32.67367 | -117.11608 | 32.597581 | 32.67354 | -117.116107 |
| 32.4131944 | 32.673917 | -117.115987 | 32.5052083 | 32.67367 | -117.11608 | 32.5977546 | 32.67354 | -117.116107 |
| 32.4133681 | 32.673917 | -117.115987 | 32.5053819 | 32.67367 | -117.11608 | 32.5979167 | 32.67354 | -117.116107 |
| 32.4135417 | 32.673917 | -117.115987 | 32.5055556 | 32.67367 | -117.11608 | 32.5980903 | 32.67354 | -117.116107 |
| 32.4137269 | 32.673917 | -117.115987 | 32.5057407 | 32.67367 | -117.11608 | 32.5982755 | 32.67354 | -117.116107 |
| 32.4139005 | 32.673917 | -117.115987 | 32.5059144 | 32.67367 | -117.11608 | 32.5984491 | 32.67354 | -117.116107 |
| 32.4140741 | 32.673917 | -117.115987 | 32.506088 | 32.67367 | -117.11608 | 32.5986227 | 32.67354 | -117.116093 |
| 32.4142477 | 32.673917 | -117.115987 | 32.5062616 | 32.67367 | -117.11608 | 32.5987963 | 32.67354 | -117.116093 |
| 32.4144097 | 32.673913 | -117.115987 | 32.5064236 | 32.67367 | -117.11608 | 32.5993056 | 32.67353 | -117.116067 |
| 32.4145833 | 32.673913 | -117.115987 | 32.5065972 | 32.67367 | -117.11608 | 32.5994792 | 32.67353 | -117.116067 |
| 32.4147569 | 32.673913 | -117.115987 | 32.5067708 | 32.67367 | -117.11608 | 32.5996644 | 32.67353 | -117.116067 |
| 32.4149306 | 32.673913 | -117.116000 | 32.5069444 | 32.67366 | -117.11608 | 32.599838 | 32.67353 | -117.116067 |
| 32.4151157 | 32.673910 | -117.116000 | 32.5072917 | 32.67366 | -117.11608 | 32.6000116 | 32.67353 | -117.116067 |
| 32.4152894 | 32.673910 | -117.116000 | 32.5074653 | 32.67366 | -117.11608 | 32.6001736 | 32.67353 | -117.116067 |
| 32.4154514 | 32.673910 | -117.116000 | 32.5076505 | 32.67366 | -117.11608 | 32.6003472 | 32.67353 | -117.116067 |
| 32.4159722 | 32.673907 | -117.116000 | 32.5078241 | 32.67366 | -117.11608 | 32.6005671 | 32.67353 | -117.116067 |
| 32.4161458 | 32.673907 | -117.116000 | 32.5079861 | 32.67365 | -117.11608 | 32.600706 | 32.67353 | -117.116067 |
| 32.4163194 | 32.673907 | -117.116000 | 32.5081597 | 32.67365 | -117.11608 | 32.6008796 | 32.67353 | -117.116053 |
| 32.4164931 | 32.673907 | -117.116000 | 32.5083333 | 32.67365 | -117.11608 | 32.6010532 | 32.67353 | -117.116053 |
| 32.4166782 | 32.673900 | -117.116000 | 32.5085069 | 32.67365 | -117.11608 | 32.6012269 | 32.67353 | -117.116053 |
| 32.4168519 | 32.673900 | -117.116000 | 32.5086921 | 32.67365 | -117.11608 | 32.6014005 | 32.67353 | -117.116053 |
| 32.4170255 | 32.673900 | -117.116000 | 32.5088657 | 32.67365 | -117.11608 | 32.6015741 | 32.67353 | -117.116053 |
| 32.4171875 | 32.673900 | -117.116000 | 32.5090394 | 32.67365 | -117.11608 | 32.6017361 | 32.67353 | -117.116053 |
| 32.4173611 | 32.673900 | -117.116000 | 32.5092014 | 32.67365 | -117.11608 | 32.6019097 | 32.67353 | -117.116027 |
| 32.4175463 | 32.673900 | -117.116000 | 32.509375 | 32.67365 | -117.11608 | 32.6020949 | 32.67353 | -117.116027 |
| 32.4177199 | 32.673900 | -117.116000 | 32.5095486 | 32.67365 | -117.11608 | 32.6022685 | 32.67353 | -117.116027 |
| 32.4178819 | 32.673900 | -117.116000 | 32.5097338 | 32.67364 | -117.11608 | 32.6024421 | 32.67353 | -117.116027 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4180556 | 32.673900 | -117.115987 | 32.5099074 | 32.67364 | -117.11608 | 32.6026157 | 32.67353 | -117.116027 |
| 32.4182292 | 32.673900 | -117.115987 | 32.510081 | 32.67364 | -117.11608 | 32.603125 | 32.67352 | -117.116013 |
| 32.4184144 | 32.673900 | -117.115987 | 32.5102546 | 32.67364 | -117.11608 | 32.6032986 | 32.67352 | -117.116 |
| 32.4185880 | 32.673900 | -117.115987 | 32.5104282 | 32.67364 | -117.11608 | 32.6034722 | 32.67352 | -117.116 |
| 32.4187616 | 32.673900 | -117.115987 | 32.5105903 | 32.67364 | -117.11608 | 32.6036574 | 32.67352 | -117.116 |
| 32.4189352 | 32.673900 | -117.115987 | 32.5109491 | 32.67363 | -117.11608 | 32.603831 | 32.67352 | -117.116 |
| 32.4190972 | 32.673900 | -117.115987 | 32.5111227 | 32.67363 | -117.11608 | 32.6040046 | 32.67352 | -117.115987 |
| 32.4192708 | 32.673900 | -117.115987 | 32.5112963 | 32.67363 | -117.11608 | 32.6041667 | 32.67351 | -117.115987 |
| 32.4198032 | 32.673900 | -117.115987 | 32.5114583 | 32.67363 | -117.11608 | 32.6043403 | 32.67351 | -117.115973 |
| 32.4199769 | 32.673900 | -117.115987 | 32.5116319 | 32.67363 | -117.11608 | 32.6045255 | 32.67351 | -117.115973 |
| 32.4201505 | 32.673900 | -117.115987 | 32.5118171 | 32.67363 | -117.11608 | 32.6046991 | 32.67351 | -117.115973 |
| 32.4203241 | 32.673900 | -117.115973 | 32.5119907 | 32.67362 | -117.11608 | 32.6048727 | 32.67351 | -117.115973 |
| 32.4204861 | 32.673900 | -117.115973 | 32.5121644 | 32.67362 | -117.11608 | 32.6050463 | 32.67351 | -117.115973 |
| 32.4206597 | 32.673900 | -117.115973 | 32.5123264 | 32.67362 | -117.11608 | 32.6052083 | 32.67351 | -117.115973 |
| 32.4208333 | 32.673900 | -117.115973 | 32.5125 | 32.67362 | -117.11608 | 32.6053819 | 32.67351 | -117.115973 |
| 32.4210185 | 32.673900 | -117.115973 | 32.5126852 | 32.67362 | -117.11608 | 32.6055556 | 32.67351 | -117.115973 |
| 32.4211921 | 32.673900 | -117.115973 | 32.5128588 | 32.67362 | -117.11608 | 32.6057407 | 32.67351 | -117.115973 |
| 32.4213657 | 32.673900 | -117.115973 | 32.5130324 | 32.67362 | -117.11608 | 32.6059144 | 32.67351 | -117.115973 |
| 32.4215278 | 32.673900 | -117.115973 | 32.5131944 | 32.67362 | -117.11608 | 32.606088 | 32.67351 | -117.115973 |
| 32.4217014 | 32.673900 | -117.115973 | 32.5133681 | 32.67362 | -117.11608 | 32.6062616 | 32.67351 | -117.115973 |
| 32.4218750 | 32.673913 | -117.115947 | 32.5135532 | 32.67362 | -117.11608 | 32.6064236 | 32.6735 | -117.115973 |
| 32.4220602 | 32.673923 | -117.115947 | 32.5137269 | 32.67362 | -117.11608 | 32.606956 | 32.67349 | -117.115973 |
| 32.4222338 | 32.673930 | -117.115947 | 32.5139005 | 32.67362 | -117.11608 | 32.6071296 | 32.67349 | -117.115973 |
| 32.4224074 | 32.673933 | -117.115947 | 32.5140741 | 32.67362 | -117.11608 | 32.6073032 | 32.67349 | -117.115973 |
| 32.4225810 | 32.673937 | -117.115947 | 32.5142361 | 32.67362 | -117.11608 | 32.6074769 | 32.67349 | -117.115973 |
| 32.4227546 | 32.673937 | -117.115947 | 32.5147685 | 32.67361 | -117.11608 | 32.6076389 | 32.67349 | -117.115973 |
| 32.4229282 | 32.673937 | -117.115933 | 32.5149421 | 32.67361 | -117.11608 | 32.6078125 | 32.67349 | -117.115973 |
| 32.4230903 | 32.673937 | -117.115933 | 32.5151157 | 32.67361 | -117.11608 | 32.6079861 | 32.67349 | -117.115973 |
| 32.4246528 | 32.673960 | -117.116053 | 32.5152894 | 32.67361 | -117.11608 | 32.6081597 | 32.67349 | -117.115947 |
| 32.4248264 | 32.673960 | -117.116053 | 32.515463 | 32.67361 | -117.11608 | 32.6083333 | 32.67349 | -117.115947 |
| 32.4250000 | 32.673960 | -117.116053 | 32.5156366 | 32.67361 | -117.11608 | 32.6085185 | 32.67349 | -117.115947 |
| 32.4251852 | 32.673960 | -117.116053 | 32.5158102 | 32.67361 | -117.11608 | 32.6086921 | 32.67349 | -117.115947 |
| 32.4253588 | 32.673960 | -117.116053 | 32.5159722 | 32.67361 | -117.11608 | 32.6088657 | 32.67349 | -117.115947 |
| 32.4255324 | 32.673960 | -117.116053 | 32.5161458 | 32.67361 | -117.11608 | 32.6090394 | 32.67349 | -117.115947 |
| 32.4256944 | 32.673960 | -117.116053 | 32.5163194 | 32.6736 | -117.11608 | 32.609213 | 32.67349 | -117.115947 |
| 32.4258681 | 32.673960 | -117.116053 | 32.5164931 | 32.6736 | -117.11608 | 32.609375 | 32.67349 | -117.115947 |
| 32.4260417 | 32.673963 | -117.116053 | 32.5166667 | 32.6736 | -117.11608 | 32.6095486 | 32.67349 | -117.115947 |
| 32.4262269 | 32.673963 | -117.116053 | 32.5168519 | 32.6736 | -117.11608 | 32.6097222 | 32.67349 | -117.115947 |
| 32.4264005 | 32.673963 | -117.116053 | 32.5170255 | 32.6736 | -117.11608 | 32.6099074 | 32.67349 | -117.115947 |
| 32.4265741 | 32.673963 | -117.116053 | 32.5171991 | 32.6736 | -117.11608 | 32.610081 | 32.67349 | -117.115947 |
| 32.4267361 | 32.673963 | -117.116053 | 32.5173727 | 32.6736 | -117.11608 | 32.6102546 | 32.67349 | -117.115947 |
| 32.4269097 | 32.673963 | -117.116053 | 32.5175463 | 32.6736 | -117.11608 | 32.6112963 | 32.67349 | -117.115947 |
| 32.4270949 | 32.673963 | -117.116053 | 32.5177199 | 32.6736 | -117.11608 | 32.6114699 | 32.67349 | -117.115947 |
| 32.4272685 | 32.673970 | -117.116067 | 32.5178819 | 32.67359 | -117.11608 | 32.6116435 | 32.67348 | -117.115947 |
| 32.4274421 | 32.673970 | -117.116067 | 32.5180556 | 32.67359 | -117.11608 | 32.6118056 | 32.67348 | -117.115947 |
| 32.4276042 | 32.673970 | -117.116067 | 32.5185764 | 32.67359 | -117.11608 | 32.6119792 | 32.67348 | -117.115947 |
| 32.4277778 | 32.673970 | -117.116067 | 32.51875 | 32.67359 | -117.11608 | 32.6121528 | 32.67348 | -117.115973 |
| 32.4279514 | 32.673970 | -117.116067 | 32.5189236 | 32.67359 | -117.11608 | 32.612338 | 32.67348 | -117.115973 |
| 32.4284838 | 32.673973 | -117.116067 | 32.5191088 | 32.67359 | -117.11608 | 32.6125116 | 32.67348 | -117.115973 |
| 32.4286458 | 32.673973 | -117.116067 | 32.5192824 | 32.67358 | -117.11608 | 32.6126852 | 32.67348 | -117.115973 |
| 32.4288194 | 32.673973 | -117.116067 | 32.519456 | 32.67358 | -117.11608 | 32.6128588 | 32.67348 | -117.115973 |
| 32.4289931 | 32.673973 | -117.116080 | 32.5196181 | 32.67358 | -117.11608 | 32.6130208 | 32.67348 | -117.115973 |
| 32.4291782 | 32.673973 | -117.116080 | 32.5197917 | 32.67358 | -117.116093 | 32.6131944 | 32.67348 | -117.115973 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4293519 | 32.673973 | -117.116080 | 32.5199769 | 32.67358 | -117.116093 | 32.6133796 | 32.67348 | -117.115973 |
| 32.4295255 | 32.673973 | -117.116080 | 32.5201505 | 32.67358 | -117.116093 | 32.6135532 | 32.67347 | -117.115973 |
| 32.4296991 | 32.673973 | -117.116080 | 32.5203241 | 32.67358 | -117.116093 | 32.6137269 | 32.67347 | -117.115973 |
| 32.4298611 | 32.673973 | -117.116080 | 32.5204861 | 32.67358 | -117.116093 | 32.6138889 | 32.67347 | -117.115973 |
| 32.4300347 | 32.673973 | -117.116080 | 32.5206597 | 32.67358 | -117.116093 | 32.6140625 | 32.67347 | -117.115973 |
| 32.4302083 | 32.673973 | -117.116080 | 32.5208449 | 32.67358 | -117.116093 | 32.6142361 | 32.67347 | -117.115973 |
| 32.4303819 | 32.673973 | -117.116080 | 32.5210185 | 32.67357 | -117.116093 | 32.6144097 | 32.67347 | -117.115973 |
| 32.4305671 | 32.673980 | -117.116080 | 32.5211921 | 32.67357 | -117.116093 | 32.6145949 | 32.67347 | -117.115973 |
| 32.4307407 | 32.673980 | -117.116080 | 32.5213542 | 32.67357 | -117.116093 | 32.6152894 | 32.67347 | -117.115973 |
| 32.4309028 | 32.673980 | -117.116080 | 32.5215278 | 32.67357 | -117.116093 | 32.615463 | 32.67346 | -117.115973 |
| 32.4310764 | 32.673980 | -117.116080 | 32.521713 | 32.67357 | -117.116107 | 32.6156366 | 32.67346 | -117.115973 |
| 32.4312500 | 32.673980 | -117.116080 | 32.5218866 | 32.67357 | -117.116107 | 32.6157986 | 32.67346 | -117.115973 |
| 32.4314352 | 32.673980 | -117.116080 | 32.522581 | 32.67357 | -117.116107 | 32.6159722 | 32.67346 | -117.115973 |
| 32.4316088 | 32.673980 | -117.116080 | 32.5227546 | 32.67357 | -117.116107 | 32.6161458 | 32.67346 | -117.115973 |
| 32.4317824 | 32.673980 | -117.116080 | 32.5229167 | 32.67357 | -117.116107 | 32.616331 | 32.67346 | -117.115973 |
| 32.4323032 | 32.673980 | -117.116080 | 32.5230903 | 32.67357 | -117.116107 | 32.6165046 | 32.67346 | -117.115973 |
| 32.4324769 | 32.673983 | -117.116093 | 32.5232639 | 32.67356 | -117.116107 | 32.6166782 | 32.67346 | -117.115973 |
| 32.4326505 | 32.673983 | -117.116093 | 32.5234491 | 32.67356 | -117.116107 | 32.6168403 | 32.67346 | -117.115973 |
| 32.4328241 | 32.673983 | -117.116093 | 32.5236227 | 32.67356 | -117.116107 | 32.6170139 | 32.67347 | -117.115987 |
| 32.4329977 | 32.673983 | -117.116093 | 32.5237963 | 32.67356 | -117.116107 | 32.6171875 | 32.67348 | -117.116 |
| 32.4331713 | 32.673983 | -117.116093 | 32.5239583 | 32.67356 | -117.116107 | 32.6173727 | 32.67349 | -117.116053 |
| 32.4333333 | 32.673983 | -117.116093 | 32.5241319 | 32.67356 | -117.116107 | 32.6175463 | 32.67351 | -117.116093 |
| 32.4335069 | 32.673983 | -117.116107 | 32.5243171 | 32.67356 | -117.116107 | 32.6177199 | 32.67357 | -117.116107 |
| 32.4336806 | 32.673983 | -117.116107 | 32.5244907 | 32.67356 | -117.116107 | 32.6178819 | 32.6736 | -117.116133 |
| 32.4338542 | 32.673983 | -117.116107 | 32.5246528 | 32.67356 | -117.116107 | 32.6180556 | 32.67361 | -117.116133 |
| 32.4340394 | 32.673983 | -117.116107 | 32.5248264 | 32.67356 | -117.116107 | 32.6182407 | 32.67361 | -117.116133 |
| 32.4342130 | 32.673983 | -117.116107 | 32.525 | 32.67356 | -117.116107 | 32.6184144 | 32.67362 | -117.116133 |
| 32.4343866 | 32.673983 | -117.116107 | 32.5251736 | 32.67356 | -117.116107 | 32.618588 | 32.67362 | -117.116107 |
| 32.4345602 | 32.673983 | -117.116107 | 32.5253588 | 32.67356 | -117.116107 | 32.6191088 | 32.67363 | -117.116067 |
| 32.4347222 | 32.673983 | -117.116107 | 32.5255324 | 32.67356 | -117.116107 | 32.6192824 | 32.67364 | -117.116067 |
| 32.4348958 | 32.673983 | -117.116107 | 32.525706 | 32.67356 | -117.116107 | 32.619456 | 32.67366 | -117.116067 |
| 32.4350694 | 32.673983 | -117.116107 | 32.5258681 | 32.67356 | -117.116107 | 32.6196296 | 32.67368 | -117.116053 |
| 32.4352546 | 32.673983 | -117.116107 | 32.5262153 | 32.67356 | -117.116107 | 32.6198032 | 32.67369 | -117.116067 |
| 32.4354282 | 32.673983 | -117.116107 | 32.5263889 | 32.67356 | -117.116107 | 32.6199769 | 32.67371 | -117.116053 |
| 32.4356019 | 32.673980 | -117.116107 | 32.5265741 | 32.67356 | -117.116107 | 32.6201505 | 32.67372 | -117.116027 |
| 32.4359375 | 32.673980 | -117.116133 | 32.5267477 | 32.67356 | -117.116107 | 32.6203241 | 32.67373 | -117.116013 |
| 32.4361111 | 32.673980 | -117.116133 | 32.5269213 | 32.67356 | -117.116107 | 32.6204977 | 32.67375 | -117.116013 |
| 32.4362963 | 32.673980 | -117.116133 | 32.5270949 | 32.67356 | -117.116107 | 32.6206713 | 32.67375 | -117.116 |
| 32.4364699 | 32.673980 | -117.116133 | 32.5272569 | 32.67356 | -117.116107 | 32.6208449 | 32.67375 | -117.115987 |
| 32.4366435 | 32.673980 | -117.116133 | 32.5274306 | 32.67356 | -117.116107 | 32.6210185 | 32.67377 | -117.115987 |
| 32.4368056 | 32.673980 | -117.116133 | 32.5276042 | 32.67356 | -117.116107 | 32.6211921 | 32.67378 | -117.115947 |
| 32.4369792 | 32.673980 | -117.116133 | 32.5277894 | 32.67356 | -117.116107 | 32.6213657 | 32.67377 | -117.115947 |
| 32.4371528 | 32.673980 | -117.116133 | 32.527963 | 32.67356 | -117.116107 | 32.6215278 | 32.67378 | -117.115933 |
| 32.4373380 | 32.673980 | -117.116133 | 32.5281366 | 32.67356 | -117.116107 | 32.6217014 | 32.67379 | -117.11592 |
| 32.4375116 | 32.673980 | -117.116147 | 32.5282986 | 32.67356 | -117.116107 | 32.621875 | 32.6738 | -117.11588 |
| 32.4376852 | 32.673980 | -117.116147 | 32.5284722 | 32.67356 | -117.116107 | 32.6220602 | 32.67381 | -117.11588 |
| 32.4378588 | 32.673980 | -117.116147 | 32.5286458 | 32.67356 | -117.116107 | 32.6222338 | 32.67381 | -117.115867 |
| 32.4380208 | 32.673980 | -117.116147 | 32.5288657 | 32.67357 | -117.116107 | 32.6224074 | 32.67382 | -117.115867 |
| 32.4381944 | 32.673980 | -117.116147 | 32.5290046 | 32.67357 | -117.116107 | 32.6230903 | 32.67385 | -117.115827 |
| 32.4383681 | 32.673980 | -117.116147 | 32.5291782 | 32.67357 | -117.116107 | 32.6232639 | 32.67386 | -117.115827 |
| 32.4385532 | 32.673980 | -117.116147 | 32.5293519 | 32.67357 | -117.116107 | 32.6234375 | 32.67385 | -117.1158 |
| 32.4387269 | 32.673980 | -117.116147 | 32.5295139 | 32.67357 | -117.116107 | 32.6236227 | 32.67386 | -117.1158 |
| 32.4389005 | 32.673980 | -117.116147 | 32.5305556 | 32.67358 | -117.116093 | 32.6237963 | 32.67387 | -117.1158 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4390741 | 32.673980 | -117.116147 | 32.5307407 | 32.67358 | -117.116093 | 32.6239583 | 32.67387 | -117.115787 |
| 32.4392477 | 32.673980 | -117.116147 | 32.5309144 | 32.67358 | -117.116093 | 32.6241319 | 32.67387 | -117.115787 |
| 32.4397569 | 32.673973 | -117.116160 | 32.531088 | 32.67358 | -117.116093 | 32.6243056 | 32.67387 | -117.115787 |
| 32.4399306 | 32.673973 | -117.116160 | 32.53125 | 32.67358 | -117.116093 | 32.6244907 | 32.67387 | -117.115787 |
| 32.4401157 | 32.673973 | -117.116160 | 32.5314236 | 32.67358 | -117.116093 | 32.6246644 | 32.67388 | -117.115787 |
| 32.4402894 | 32.673973 | -117.116160 | 32.5315972 | 32.67358 | -117.116093 | 32.624838 | 32.67389 | -117.115787 |
| 32.4404630 | 32.673973 | -117.116160 | 32.5317824 | 32.67358 | -117.116093 | 32.625 | 32.67389 | -117.115787 |
| 32.4406366 | 32.673970 | -117.116173 | 32.531956 | 32.67358 | -117.116093 | 32.6251736 | 32.67389 | -117.115787 |
| 32.4408102 | 32.673970 | -117.116173 | 32.5321296 | 32.67358 | -117.11608 | 32.6253472 | 32.67389 | -117.115787 |
| 32.4409838 | 32.673970 | -117.116173 | 32.5322917 | 32.67358 | -117.11608 | 32.6255208 | 32.67388 | -117.11576 |
| 32.4411458 | 32.673970 | -117.116173 | 32.5324653 | 32.67358 | -117.11608 | 32.6256944 | 32.67389 | -117.11576 |
| 32.4413194 | 32.673970 | -117.116200 | 32.5326389 | 32.67358 | -117.11608 | 32.6258681 | 32.6739 | -117.11576 |
| 32.4414931 | 32.673967 | -117.116200 | 32.5328241 | 32.67357 | -117.116067 | 32.6260417 | 32.6739 | -117.11576 |
| 32.4416782 | 32.673967 | -117.116200 | 32.5329977 | 32.67357 | -117.116053 | 32.6262153 | 32.67392 | -117.115773 |
| 32.4418519 | 32.673967 | -117.116200 | 32.5331713 | 32.67357 | -117.116053 | 32.6263889 | 32.67394 | -117.11576 |
| 32.4420139 | 32.673967 | -117.116200 | 32.5333449 | 32.67356 | -117.116027 | 32.6274537 | 32.67397 | -117.115733 |
| 32.4421875 | 32.673967 | -117.116200 | 32.5335069 | 32.67357 | -117.116027 | 32.6276042 | 32.67397 | -117.11572 |
| 32.4423611 | 32.673963 | -117.116200 | 32.5336806 | 32.67357 | -117.116027 | 32.6277778 | 32.67397 | -117.11572 |
| 32.4425347 | 32.673963 | -117.116200 | 32.5338542 | 32.67357 | -117.116027 | 32.6279514 | 32.67398 | -117.115733 |
| 32.4427199 | 32.673963 | -117.116200 | 32.5350694 | 32.67357 | -117.116013 | 32.628125 | 32.67397 | -117.115733 |
| 32.4428935 | 32.673963 | -117.116200 | 32.5352431 | 32.67357 | -117.116013 | 32.6283102 | 32.67398 | -117.115733 |
| 32.4430556 | 32.673963 | -117.116200 | 32.5354282 | 32.67357 | -117.116013 | 32.6284838 | 32.67397 | -117.115733 |
| 32.4437500 | 32.673960 | -117.116200 | 32.5356019 | 32.67357 | -117.116013 | 32.6286574 | 32.67399 | -117.11576 |
| 32.4439236 | 32.673960 | -117.116200 | 32.5357639 | 32.67357 | -117.116013 | 32.6288194 | 32.67398 | -117.115733 |
| 32.4441088 | 32.673960 | -117.116200 | 32.5359375 | 32.67357 | -117.116013 | 32.6289931 | 32.67399 | -117.11576 |
| 32.4442824 | 32.673960 | -117.116200 | 32.5361111 | 32.67357 | -117.116013 | 32.6291667 | 32.67398 | -117.11576 |
| 32.4444560 | 32.673960 | -117.116200 | 32.5362847 | 32.67357 | -117.116013 | 32.6293403 | 32.67396 | -117.11576 |
| 32.4446296 | 32.673960 | -117.116200 | 32.5364583 | 32.67357 | -117.116013 | 32.6295255 | 32.67399 | -117.115733 |
| 32.4447917 | 32.673960 | -117.116200 | 32.5366435 | 32.67357 | -117.116013 | 32.6296991 | 32.67399 | -117.115733 |
| 32.4449653 | 32.673960 | -117.116200 | 32.5368171 | 32.67356 | -117.116013 | 32.6298727 | 32.67399 | -117.115733 |
| 32.4451389 | 32.673960 | -117.116200 | 32.5369907 | 32.67356 | -117.116 | 32.6300463 | 32.67398 | -117.115733 |
| 32.4453241 | 32.673953 | -117.116200 | 32.5371644 | 32.67356 | -117.116 | 32.6302083 | 32.67397 | -117.115733 |
| 32.4454977 | 32.673953 | -117.116200 | 32.537338 | 32.67356 | -117.116 | 32.6303819 | 32.67396 | -117.115733 |
| 32.4456713 | 32.673953 | -117.116200 | 32.5375116 | 32.67356 | -117.116 | 32.6305671 | 32.67395 | -117.115733 |
| 32.4458449 | 32.673953 | -117.116200 | 32.5376852 | 32.67356 | -117.116 | 32.6307407 | 32.67395 | -117.11576 |
| 32.4460069 | 32.673953 | -117.116200 | 32.5378588 | 32.67356 | -117.116 | 32.6314352 | 32.67394 | -117.115787 |
| 32.4461806 | 32.673953 | -117.116200 | 32.5380324 | 32.67356 | -117.116 | 32.6316088 | 32.67394 | -117.115787 |
| 32.4463542 | 32.673953 | -117.116200 | 32.538206 | 32.67356 | -117.116 | 32.6317708 | 32.67393 | -117.115787 |
| 32.4465394 | 32.673950 | -117.116200 | 32.5383796 | 32.67355 | -117.116 | 32.6319444 | 32.67392 | -117.115787 |
| 32.4467130 | 32.673950 | -117.116200 | 32.5390741 | 32.67355 | -117.116 | 32.6321181 | 32.67392 | -117.115773 |
| 32.4468866 | 32.673950 | -117.116200 | 32.5392477 | 32.67355 | -117.116 | 32.6323032 | 32.67391 | -117.115773 |
| 32.4470602 | 32.673950 | -117.116200 | 32.5394213 | 32.67355 | -117.116 | 32.6324769 | 32.6739 | -117.115787 |
| 32.4475694 | 32.673947 | -117.116200 | 32.5395833 | 32.67355 | -117.116 | 32.6326505 | 32.67392 | -117.115787 |
| 32.4477431 | 32.673947 | -117.116200 | 32.5397569 | 32.67355 | -117.116 | 32.6328125 | 32.67392 | -117.115787 |
| 32.4479167 | 32.673947 | -117.116200 | 32.5399306 | 32.67355 | -117.116 | 32.6329861 | 32.67391 | -117.1158 |
| 32.4480903 | 32.673947 | -117.116200 | 32.5401157 | 32.67355 | -117.116 | 32.6331713 | 32.67391 | -117.115787 |
| 32.4482755 | 32.673947 | -117.116200 | 32.5402894 | 32.67354 | -117.116 | 32.6333449 | 32.67389 | -117.115787 |
| 32.4484491 | 32.673943 | -117.116200 | 32.540463 | 32.67354 | -117.116 | 32.6335185 | 32.67388 | -117.115787 |
| 32.4486227 | 32.673943 | -117.116200 | 32.5406366 | 32.67354 | -117.115987 | 32.6336806 | 32.67389 | -117.1158 |
| 32.4487963 | 32.673943 | -117.116200 | 32.5407986 | 32.67354 | -117.115987 | 32.6338542 | 32.67388 | -117.1158 |
| 32.4489699 | 32.673943 | -117.116200 | 32.5409722 | 32.67354 | -117.115987 | 32.6340278 | 32.67388 | -117.11576 |
| 32.4491435 | 32.673943 | -117.116200 | 32.5411921 | 32.67354 | -117.115987 | 32.634213 | 32.67389 | -117.11576 |
| 32.4493056 | 32.673943 | -117.116200 | 32.541331 | 32.67354 | -117.115987 | 32.6343866 | 32.67388 | -117.115787 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4494792 | 32.673937 | -117.116200 | 32.5415046 | 32.67354 | -117.115987 | 32.6345486 | 32.67388 | -117.115733 |
| 32.4496644 | 32.673937 | -117.116200 | 32.5416667 | 32.67354 | -117.115987 | 32.6347222 | 32.67387 | -117.11576 |
| 32.4498380 | 32.673937 | -117.116200 | 32.5418403 | 32.67354 | -117.115987 | 32.6357639 | 32.6738 | -117.115773 |
| 32.4500116 | 32.673937 | -117.116200 | 32.5420139 | 32.67354 | -117.115987 | 32.6359375 | 32.67381 | -117.115787 |
| 32.4501736 | 32.673937 | -117.116200 | 32.5421875 | 32.67354 | -117.115987 | 32.6361227 | 32.67381 | -117.115787 |
| 32.4503472 | 32.673937 | -117.116200 | 32.5423727 | 32.67354 | -117.115987 | 32.6362963 | 32.67382 | -117.1158 |
| 32.4505208 | 32.673937 | -117.116200 | 32.5444444 | 32.67353 | -117.115973 | 32.6364583 | 32.67381 | -117.115787 |
| 32.4507060 | 32.673937 | -117.116200 | 32.5446181 | 32.67353 | -117.115973 | 32.6366319 | 32.67381 | -117.115787 |
| 32.4508796 | 32.673937 | -117.116200 | 32.5447917 | 32.67353 | -117.115973 | 32.6368056 | 32.67382 | -117.1158 |
| 32.4514005 | 32.673937 | -117.116200 | 32.5449653 | 32.67353 | -117.115973 | 32.6369792 | 32.6738 | -117.115787 |
| 32.4515625 | 32.673937 | -117.116200 | 32.5451505 | 32.67353 | -117.115973 | 32.6371644 | 32.67381 | -117.1158 |
| 32.4517361 | 32.673937 | -117.116200 | 32.5453241 | 32.67353 | -117.115973 | 32.637338 | 32.67381 | -117.115827 |
| 32.4519097 | 32.673933 | -117.116200 | 32.5454977 | 32.67353 | -117.115973 | 32.6375116 | 32.67381 | -117.115827 |
| 32.4520949 | 32.673933 | -117.116200 | 32.5456713 | 32.67353 | -117.115973 | 32.6376736 | 32.6738 | -117.1158 |
| 32.4522685 | 32.673933 | -117.116200 | 32.5458333 | 32.67353 | -117.115973 | 32.6378472 | 32.67378 | -117.1158 |
| 32.4524306 | 32.67393 | -117.1162 | 32.5460069 | 32.67353 | -117.115973 | 32.6380208 | 32.67379 | -117.1158 |
| 32.4526042 | 32.67393 | -117.1162 | 32.5461806 | 32.67353 | -117.115973 | 32.638206 | 32.67378 | -117.1158 |
| 32.4527778 | 32.67393 | -117.1162 | 32.5463657 | 32.67353 | -117.115973 | 32.6383796 | 32.67378 | -117.115827 |
| 32.452963 | 32.67393 | -117.1162 | 32.5465394 | 32.67353 | -117.115973 | 32.6385532 | 32.67378 | -117.115827 |
| 32.4531366 | 32.67393 | -117.1162 | 32.546713 | 32.67353 | -117.115973 | 32.6387153 | 32.67378 | -117.115827 |
| 32.4533102 | 32.67393 | -117.1162 | 32.546875 | 32.67353 | -117.115973 | 32.6388889 | 32.67379 | -117.115827 |
| 32.4534722 | 32.67393 | -117.1162 | 32.5470486 | 32.67353 | -117.115973 | 32.6390625 | 32.67378 | -117.115827 |
| 32.4536458 | 32.67393 | -117.1162 | 32.5472338 | 32.67353 | -117.115973 | 32.6397569 | 32.67376 | -117.115827 |
| 32.4538194 | 32.67393 | -117.1162 | 32.5474074 | 32.67353 | -117.115973 | 32.6399421 | 32.67376 | -117.115827 |
| 32.4539931 | 32.67393 | -117.1162 | 32.5475694 | 32.67353 | -117.115973 | 32.6401157 | 32.67374 | -117.115827 |
| 32.4541782 | 32.67393 | -117.1162 | 32.5477431 | 32.67353 | -117.115973 | 32.6402894 | 32.67374 | -117.115827 |
| 32.4543519 | 32.67393 | -117.1162 | 32.5482639 | 32.67353 | -117.115947 | 32.6404514 | 32.67375 | -117.1158 |
| 32.4545255 | 32.67393 | -117.1162 | 32.5484375 | 32.67353 | -117.115947 | 32.640625 | 32.67374 | -117.115827 |
| 32.4546875 | 32.67393 | -117.1162 | 32.5486227 | 32.67353 | -117.115947 | 32.6407986 | 32.67374 | -117.115827 |
| 32.4553819 | 32.67392 | -117.1162 | 32.5487963 | 32.67353 | -117.115947 | 32.6409838 | 32.67373 | -117.1158 |
| 32.4555556 | 32.67392 | -117.1162 | 32.5489583 | 32.67353 | -117.115947 | 32.6411574 | 32.67374 | -117.115787 |
| 32.4557292 | 32.67392 | -117.1162 | 32.5491319 | 32.67353 | -117.115947 | 32.6413194 | 32.67375 | -117.115787 |
| 32.4559144 | 32.67392 | -117.1162 | 32.5493056 | 32.67353 | -117.115947 | 32.6414931 | 32.67373 | -117.115787 |
| 32.456088 | 32.67392 | -117.1162 | 32.5495255 | 32.67353 | -117.115947 | 32.6416667 | 32.67374 | -117.1158 |
| 32.4562616 | 32.67392 | -117.1162 | 32.5496644 | 32.67353 | -117.115947 | 32.6418403 | 32.67374 | -117.1158 |
| 32.4564236 | 32.67392 | -117.1162 | 32.549838 | 32.67353 | -117.115947 | 32.6420255 | 32.67374 | -117.1158 |
| 32.4565972 | 32.67392 | -117.1162 | 32.5500116 | 32.67353 | -117.115947 | 32.6421991 | 32.67374 | -117.1158 |
| 32.4567824 | 32.67392 | -117.1162 | 32.5501736 | 32.67353 | -117.115947 | 32.6423727 | 32.67373 | -117.115787 |
| 32.456956 | 32.67392 | -117.1162 | 32.5503472 | 32.67353 | -117.115947 | 32.6425463 | 32.67375 | -117.1158 |
| 32.4571296 | 32.67392 | -117.1162 | 32.5505324 | 32.67353 | -117.115947 | 32.6427199 | 32.67375 | -117.1158 |
| 32.4572917 | 32.67392 | -117.1162 | 32.550706 | 32.67353 | -117.115947 | 32.6428819 | 32.67375 | -117.1158 |
| 32.4574653 | 32.67392 | -117.1162 | 32.5508796 | 32.67353 | -117.115947 | 32.6430556 | 32.67375 | -117.115787 |
| 32.4576505 | 32.67392 | -117.1162 | 32.5510417 | 32.67353 | -117.115947 | 32.643588 | 32.67378 | -117.1158 |
| 32.4578241 | 32.67392 | -117.1162 | 32.5512153 | 32.67353 | -117.115947 | 32.6437616 | 32.67378 | -117.115827 |
| 32.4579861 | 32.67392 | -117.1162 | 32.5513889 | 32.67353 | -117.115947 | 32.6439236 | 32.67379 | -117.1158 |
| 32.4581597 | 32.67392 | -117.1162 | 32.5515741 | 32.67354 | -117.115947 | 32.6440972 | 32.67378 | -117.1158 |
| 32.4583333 | 32.67392 | -117.1162 | 32.5522685 | 32.67354 | -117.115947 | 32.6443171 | 32.67379 | -117.115787 |
| 32.4585185 | 32.67392 | -117.1162 | 32.5524421 | 32.67354 | -117.115947 | 32.6444444 | 32.67379 | -117.115787 |
| 32.4586921 | 32.67392 | -117.1162 | 32.5526157 | 32.67354 | -117.115947 | 32.6446296 | 32.67378 | -117.115787 |
| 32.4600694 | 32.67392 | -117.1162 | 32.5527894 | 32.67354 | -117.115947 | 32.6448032 | 32.67379 | -117.115787 |
| 32.4602546 | 32.67392 | -117.1162 | 32.5529514 | 32.67354 | -117.115947 | 32.6449769 | 32.67379 | -117.115773 |
| 32.4604282 | 32.67392 | -117.1162 | 32.553125 | 32.67354 | -117.115947 | 32.6451505 | 32.6738 | -117.11576 |
| 32.4606019 | 32.67392 | -117.1162 | 32.5532986 | 32.67354 | -117.115947 | 32.6453241 | 32.6738 | -117.115733 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4607639 | 32.67392 | -117.116173 | 32.5535185 | 32.67354 | -117.115947 | 32.6454861 | 32.6738 | -117.115733 |
| 32.4609375 | 32.67392 | -117.116173 | 32.5536574 | 32.67354 | -117.115947 | 32.6456597 | 32.67381 | -117.115733 |
| 32.4611111 | 32.67392 | -117.116173 | 32.553831 | 32.67354 | -117.115947 | 32.6458333 | 32.67381 | -117.11576 |
| 32.4612963 | 32.67392 | -117.116173 | 32.5540046 | 32.67354 | -117.115947 | 32.6460185 | 32.67381 | -117.11576 |
| 32.4614699 | 32.67391 | -117.116173 | 32.5541667 | 32.67354 | -117.115947 | 32.6461921 | 32.67383 | -117.115787 |
| 32.4616435 | 32.67391 | -117.116173 | 32.5543403 | 32.67354 | -117.115933 | 32.6463657 | 32.67383 | -117.115773 |
| 32.4618171 | 32.67391 | -117.116173 | 32.5545255 | 32.67355 | -117.115933 | 32.6465394 | 32.67384 | -117.115773 |
| 32.4619907 | 32.67391 | -117.11616 | 32.5546991 | 32.67355 | -117.115933 | 32.6467014 | 32.67384 | -117.115773 |
| 32.4621528 | 32.67391 | -117.11616 | 32.5548727 | 32.67355 | -117.115947 | 32.646875 | 32.67384 | -117.11576 |
| 32.4623264 | 32.67391 | -117.11616 | 32.5550347 | 32.67355 | -117.115947 | 32.6474074 | 32.67385 | -117.115787 |
| 32.4625 | 32.67391 | -117.11616 | 32.5552083 | 32.67355 | -117.115947 | 32.647581 | 32.67384 | -117.115787 |
| 32.4626736 | 32.67391 | -117.11616 | 32.5553819 | 32.67355 | -117.115947 | 32.6477546 | 32.67384 | -117.115773 |
| 32.4628588 | 32.67391 | -117.11616 | 32.5555556 | 32.67355 | -117.115947 | 32.6479167 | 32.67384 | -117.115787 |
| 32.4630324 | 32.67392 | -117.11616 | 32.556088 | 32.67355 | -117.115933 | 32.6480903 | 32.67385 | -117.11576 |
| 32.463206 | 32.67392 | -117.11616 | 32.5562616 | 32.67355 | -117.115933 | 32.6482755 | 32.67384 | -117.115733 |
| 32.4633681 | 32.67391 | -117.11616 | 32.5564352 | 32.67355 | -117.115973 | 32.6484491 | 32.67384 | -117.115733 |
| 32.4639005 | 32.67391 | -117.11616 | 32.5565972 | 32.67356 | -117.116013 | 32.6486227 | 32.67384 | -117.115773 |
| 32.4640741 | 32.67391 | -117.11616 | 32.5567708 | 32.67355 | -117.116053 | 32.6487963 | 32.67383 | -117.11576 |
| 32.4642477 | 32.67391 | -117.11616 | 32.556956 | 32.67354 | -117.11608 | 32.6489699 | 32.67383 | -117.115733 |
| 32.4644097 | 32.67391 | -117.11616 | 32.5571296 | 32.67354 | -117.116093 | 32.6491435 | 32.67384 | -117.115733 |
| 32.4645833 | 32.67391 | -117.11616 | 32.5573032 | 32.67353 | -117.116107 | 32.6493056 | 32.67385 | -117.115733 |
| 32.4647685 | 32.67391 | -117.11616 | 32.5574653 | 32.67353 | -117.116107 | 32.6494792 | 32.67385 | -117.115733 |
| 32.4649421 | 32.67391 | -117.11616 | 32.5576389 | 32.67353 | -117.116107 | 32.6496528 | 32.67385 | -117.115733 |
| 32.4651157 | 32.67391 | -117.116147 | 32.5578125 | 32.67353 | -117.116107 | 32.649838 | 32.67386 | -117.115733 |
| 32.4652778 | 32.67391 | -117.116147 | 32.5579977 | 32.67353 | -117.116107 | 32.6500116 | 32.67385 | -117.11576 |
| 32.4654514 | 32.67391 | -117.116147 | 32.5581713 | 32.67353 | -117.116107 | 32.6501852 | 32.67386 | -117.115773 |
| 32.465625 | 32.67391 | -117.116147 | 32.5583449 | 32.67353 | -117.116107 | 32.6503588 | 32.67386 | -117.11576 |
| 32.4658102 | 32.67391 | -117.116147 | 32.5585069 | 32.67353 | -117.116107 | 32.6505208 | 32.67386 | -117.11576 |
| 32.4659838 | 32.67391 | -117.116147 | 32.5586806 | 32.67353 | -117.116107 | 32.6506944 | 32.67388 | -117.11576 |
| 32.4661574 | 32.67391 | -117.116147 | 32.5588542 | 32.67352 | -117.116107 | 32.6512269 | 32.67387 | -117.115733 |
| 32.466331 | 32.67391 | -117.116147 | 32.5590278 | 32.67352 | -117.116107 | 32.6514005 | 32.67386 | -117.115733 |
| 32.4664931 | 32.67391 | -117.116147 | 32.559213 | 32.67352 | -117.116107 | 32.6515741 | 32.67386 | -117.115733 |
| 32.4666667 | 32.67391 | -117.116147 | 32.5597338 | 32.67352 | -117.116107 | 32.6517361 | 32.67386 | -117.115733 |
| 32.4668519 | 32.67391 | -117.116147 | 32.5599074 | 32.67352 | -117.116107 | 32.6519097 | 32.67385 | -117.11576 |
| 32.4670255 | 32.67391 | -117.116147 | 32.560081 | 32.67352 | -117.116107 | 32.6520833 | 32.67386 | -117.11576 |
| 32.4671991 | 32.67391 | -117.116147 | 32.5602546 | 32.67352 | -117.116107 | 32.6522685 | 32.67386 | -117.115733 |
| 32.4684144 | 32.67391 | -117.116147 | 32.5604282 | 32.67352 | -117.116107 | 32.6524421 | 32.67384 | -117.115733 |
| 32.468588 | 32.67391 | -117.116147 | 32.5606019 | 32.67352 | -117.116107 | 32.6526042 | 32.67384 | -117.11576 |
| 32.4687616 | 32.67391 | -117.116147 | 32.5607755 | 32.67352 | -117.116107 | 32.6527778 | 32.67383 | -117.115787 |
| 32.4689352 | 32.67391 | -117.116147 | 32.5609375 | 32.67352 | -117.116107 | | | |

DrEx 109

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3899190 | 32.674067 | -117.116027 | 32.4892477 | 32.67402 | -117.116253 | 32.5934722 | 32.6741 | -117.115987 |
| 32.3901042 | 32.674083 | -117.116000 | 32.4894213 | 32.67402 | -117.116253 | 32.5935764 | 32.67412 | -117.115987 |
| 32.3902894 | 32.674090 | -117.115987 | 32.4895833 | 32.67402 | -117.116253 | 32.59375 | 32.67412 | -117.115987 |
| 32.3904630 | 32.674090 | -117.115987 | 32.4897569 | 32.67402 | -117.116253 | 32.5939236 | 32.67412 | -117.115987 |
| 32.3906366 | 32.674090 | -117.115987 | 32.4899306 | 32.67402 | -117.116253 | 32.5940972 | 32.67413 | -117.116 |
| 32.3907986 | 32.674083 | -117.115987 | 32.4901157 | 32.67401 | -117.11628 | 32.5942708 | 32.67414 | -117.116 |
| 32.3909722 | 32.674083 | -117.115987 | 32.4902894 | 32.67401 | -117.11628 | 32.594456 | 32.67414 | -117.116 |
| 32.3912384 | 32.674083 | -117.115987 | 32.4913194 | 32.674 | -117.11628 | 32.5946296 | 32.67414 | -117.116 |
| 32.3913194 | 32.674083 | -117.115987 | 32.4914931 | 32.674 | -117.11628 | 32.5948032 | 32.67414 | -117.116 |
| 32.3914931 | 32.674083 | -117.115987 | 32.4916667 | 32.674 | -117.11628 | 32.5949653 | 32.67414 | -117.116 |
| 32.3916667 | 32.674083 | -117.115987 | 32.4918403 | 32.674 | -117.11628 | 32.5951389 | 32.67414 | -117.116 |
| 32.3918403 | 32.674067 | -117.115973 | 32.4920602 | 32.674 | -117.11628 | 32.5953125 | 32.67414 | -117.116 |
| 32.3920255 | 32.674053 | -117.115947 | 32.4921991 | 32.674 | -117.11628 | 32.5954977 | 32.67415 | -117.116 |
| 32.3921991 | 32.674047 | -117.115947 | 32.4923727 | 32.674 | -117.11628 | 32.5956713 | 32.67415 | -117.116 |
| 32.3923727 | 32.674047 | -117.115947 | 32.4925463 | 32.674 | -117.11628 | 32.5958449 | 32.67415 | -117.116 |
| 32.3925463 | 32.674047 | -117.115947 | 32.4927199 | 32.674 | -117.11628 | 32.5960185 | 32.67415 | -117.116 |
| 32.3927083 | 32.674043 | -117.115947 | 32.4928935 | 32.674 | -117.11628 | 32.5965394 | 32.67416 | -117.116 |
| 32.3928819 | 32.674043 | -117.115947 | 32.4930671 | 32.674 | -117.11628 | 32.596713 | 32.67416 | -117.116 |
| 32.3930671 | 32.674043 | -117.115947 | 32.4932407 | 32.674 | -117.11628 | 32.5968866 | 32.67416 | -117.116013 |
| 32.3932407 | 32.674043 | -117.115947 | 32.4934144 | 32.674 | -117.11628 | 32.5970486 | 32.67416 | -117.116013 |
| 32.3937616 | 32.674043 | -117.115947 | 32.493588 | 32.67399 | -117.11628 | 32.5972222 | 32.67417 | -117.116013 |
| 32.3939352 | 32.674040 | -117.115947 | 32.4937616 | 32.67399 | -117.11628 | 32.5974537 | 32.67418 | -117.116013 |
| 32.3941088 | 32.674040 | -117.115947 | 32.4939468 | 32.67399 | -117.11628 | 32.597581 | 32.67419 | -117.116013 |
| 32.3942824 | 32.674040 | -117.115947 | 32.4940972 | 32.67398 | -117.11628 | 32.5977546 | 32.67419 | -117.116013 |
| 32.3944560 | 32.674040 | -117.115947 | 32.4942708 | 32.67398 | -117.11628 | 32.5979282 | 32.67419 | -117.116013 |
| 32.3946296 | 32.674037 | -117.115947 | 32.4945486 | 32.67397 | -117.11628 | 32.5980903 | 32.67419 | -117.116013 |
| 32.3948148 | 32.674037 | -117.115947 | 32.4946296 | 32.67397 | -117.11628 | 32.5982639 | 32.67419 | -117.116027 |
| 32.3949653 | 32.674037 | -117.115947 | 32.4956597 | 32.67397 | -117.11628 | 32.5984375 | 32.67419 | -117.116013 |
| 32.3951389 | 32.674030 | -117.115947 | 32.4958449 | 32.67397 | -117.11628 | 32.5986574 | 32.67419 | -117.116013 |
| 32.3953125 | 32.674030 | -117.115947 | 32.4960185 | 32.67397 | -117.11628 | 32.5988426 | 32.67419 | -117.116013 |
| 32.3954861 | 32.674030 | -117.115947 | 32.4961921 | 32.67397 | -117.11628 | 32.5989699 | 32.67419 | -117.116013 |
| 32.3956597 | 32.674030 | -117.115947 | 32.4963657 | 32.67397 | -117.11628 | 32.5991435 | 32.67419 | -117.116013 |
| 32.3958333 | 32.674030 | -117.115947 | 32.4965394 | 32.67397 | -117.11628 | 32.5994213 | 32.67419 | -117.116013 |
| 32.3960069 | 32.674030 | -117.115947 | 32.496713 | 32.67397 | -117.11628 | 32.5995023 | 32.67419 | -117.116013 |
| 32.3962153 | 32.674017 | -117.115973 | 32.4968866 | 32.67397 | -117.11628 | 32.5996528 | 32.67419 | -117.116013 |
| 32.3963657 | 32.674017 | -117.115973 | 32.4970486 | 32.67397 | -117.11628 | 32.5998264 | 32.67419 | -117.116013 |
| 32.3965394 | 32.674010 | -117.115973 | 32.4972222 | 32.67396 | -117.11628 | 32.6003588 | 32.6742 | -117.116013 |
| 32.3967130 | 32.674010 | -117.115973 | 32.4974074 | 32.67396 | -117.11628 | 32.6005324 | 32.6742 | -117.116013 |
| 32.3968866 | 32.674007 | -117.115973 | 32.497581 | 32.67396 | -117.11628 | 32.600706 | 32.6742 | -117.116013 |
| 32.3970602 | 32.674007 | -117.115973 | 32.4977546 | 32.67396 | -117.11628 | 32.6008796 | 32.6742 | -117.116013 |
| 32.3976157 | 32.674003 | -117.115973 | 32.4979282 | 32.67396 | -117.11628 | 32.6010532 | 32.6742 | -117.116013 |
| 32.3977431 | 32.674003 | -117.115973 | 32.4981134 | 32.67396 | -117.11628 | 32.6012269 | 32.6742 | -117.116013 |
| 32.3979167 | 32.674000 | -117.115973 | 32.4982639 | 32.67396 | -117.11628 | 32.6014005 | 32.6742 | -117.116013 |
| 32.3981019 | 32.674000 | -117.115973 | 32.4984375 | 32.67396 | -117.11628 | 32.6015741 | 32.6742 | -117.116013 |
| 32.3983218 | 32.674000 | -117.115973 | 32.4986227 | 32.67396 | -117.11628 | 32.6017477 | 32.67421 | -117.116013 |
| 32.3984375 | 32.673993 | -117.115973 | 32.4987963 | 32.67396 | -117.11628 | 32.6019213 | 32.67423 | -117.116013 |
| 32.3986111 | 32.673993 | -117.115973 | 32.4993056 | 32.67396 | -117.11628 | 32.6020949 | 32.67423 | -117.116013 |
| 32.3988426 | 32.673993 | -117.115973 | 32.4994792 | 32.67396 | -117.11628 | 32.6022685 | 32.67425 | -117.116013 |
| 32.3989699 | 32.673993 | -117.115973 | 32.4996644 | 32.67396 | -117.11628 | 32.6024421 | 32.67425 | -117.116013 |
| 32.3991435 | 32.673990 | -117.115973 | 32.499838 | 32.67396 | -117.11628 | 32.6026157 | 32.67425 | -117.116013 |
| 32.3993056 | 32.673973 | -117.115987 | 32.5000116 | 32.67396 | -117.11628 | 32.6027894 | 32.67425 | -117.116013 |
| 32.3994792 | 32.673973 | -117.115987 | 32.5002546 | 32.67396 | -117.11628 | 32.602963 | 32.67425 | -117.116013 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3996528 | 32.673970 | -117.115987 | 32.5003472 | 32.67396 | -117.11628 | 32.6031366 | 32.67425 | -117.116013 |
| 32.3998380 | 32.673970 | -117.115987 | 32.5005208 | 32.67395 | -117.11628 | 32.6033102 | 32.67425 | -117.116013 |
| 32.4000116 | 32.673970 | -117.115987 | 32.5006944 | 32.67395 | -117.11628 | 32.6034722 | 32.67425 | -117.116013 |
| 32.4001852 | 32.673967 | -117.115987 | 32.5008681 | 32.67395 | -117.11628 | 32.6036458 | 32.67425 | -117.116013 |
| 32.4003588 | 32.673967 | -117.115987 | 32.5010532 | 32.67395 | -117.11628 | 32.6041667 | 32.67428 | -117.116013 |
| 32.4005324 | 32.673950 | -117.116000 | 32.5012269 | 32.67395 | -117.11628 | 32.6043519 | 32.67429 | -117.116013 |
| 32.4006944 | 32.673950 | -117.116000 | 32.5014005 | 32.67395 | -117.11628 | 32.6045255 | 32.67429 | -117.116013 |
| 32.4008681 | 32.673950 | -117.116000 | 32.5015625 | 32.67395 | -117.11628 | 32.6046991 | 32.67429 | -117.116013 |
| 32.4014468 | 32.673943 | -117.116000 | 32.5017361 | 32.67395 | -117.11628 | 32.6048727 | 32.67429 | -117.116013 |
| 32.4015625 | 32.673943 | -117.116000 | 32.5019097 | 32.67395 | -117.11628 | 32.6050463 | 32.67429 | -117.116013 |
| 32.4017361 | 32.673943 | -117.116000 | 32.5020949 | 32.67395 | -117.11628 | 32.6052199 | 32.67429 | -117.116013 |
| 32.4019097 | 32.673937 | -117.116000 | 32.5022685 | 32.67395 | -117.11628 | 32.6053935 | 32.67429 | -117.116027 |
| 32.4020949 | 32.673937 | -117.116000 | 32.5024421 | 32.67395 | -117.11628 | 32.6055671 | 32.6743 | -117.116027 |
| 32.4022685 | 32.673937 | -117.116000 | 32.5026505 | 32.67395 | -117.11628 | 32.6057407 | 32.67429 | -117.116027 |
| 32.4024421 | 32.673937 | -117.116000 | 32.5031366 | 32.67395 | -117.11628 | 32.6059144 | 32.67429 | -117.116027 |
| 32.4026042 | 32.673923 | -117.116013 | 32.5033102 | 32.67394 | -117.11628 | 32.6060764 | 32.67429 | -117.116027 |
| 32.4027778 | 32.673917 | -117.116013 | 32.5034722 | 32.67394 | -117.11628 | 32.60625 | 32.67429 | -117.116027 |
| 32.4029514 | 32.673917 | -117.116013 | 32.5036806 | 32.67394 | -117.11628 | 32.6064352 | 32.67429 | -117.116027 |
| 32.4031366 | 32.673897 | -117.116013 | 32.503831 | 32.67394 | -117.11628 | 32.6066088 | 32.67429 | -117.116027 |
| 32.4033102 | 32.673897 | -117.116013 | 32.5040046 | 32.67394 | -117.116253 | 32.6067824 | 32.67429 | -117.116027 |
| 32.4034838 | 32.673897 | -117.116013 | 32.5041782 | 32.67394 | -117.116253 | 32.606956 | 32.67429 | -117.116027 |
| 32.4036574 | 32.673893 | -117.116013 | 32.5043519 | 32.67394 | -117.116253 | 32.6071412 | 32.67429 | -117.116027 |
| 32.4038310 | 32.673893 | -117.116013 | 32.5045486 | 32.67394 | -117.116253 | 32.6072917 | 32.67429 | -117.116027 |
| 32.4040046 | 32.673893 | -117.116013 | 32.5046991 | 32.67394 | -117.116253 | 32.6098958 | 32.67426 | -117.116107 |
| 32.4041782 | 32.673893 | -117.116013 | 32.5048727 | 32.67394 | -117.116253 | 32.6100694 | 32.67427 | -117.116133 |
| 32.4043519 | 32.673880 | -117.116027 | 32.5050347 | 32.67394 | -117.116253 | 32.6102431 | 32.67427 | -117.116133 |
| 32.4045255 | 32.673880 | -117.116027 | 32.5052083 | 32.67394 | -117.116253 | 32.6104167 | 32.67426 | -117.116133 |
| 32.4046991 | 32.673880 | -117.116027 | 32.5053819 | 32.67393 | -117.116253 | 32.6106019 | 32.67426 | -117.116133 |
| 32.4050463 | 32.673877 | -117.116027 | 32.5055556 | 32.67393 | -117.116253 | 32.6107755 | 32.67426 | -117.116133 |
| 32.4052199 | 32.673877 | -117.116027 | 32.5057292 | 32.67393 | -117.116253 | 32.6109491 | 32.67426 | -117.116133 |
| 32.4053935 | 32.673873 | -117.116027 | 32.5059144 | 32.67393 | -117.116253 | 32.6111227 | 32.67426 | -117.116133 |
| 32.4055671 | 32.673873 | -117.116027 | 32.506088 | 32.67393 | -117.116253 | 32.6112963 | 32.67426 | -117.116133 |
| 32.4057292 | 32.673873 | -117.116027 | 32.5062616 | 32.67393 | -117.116253 | 32.6114699 | 32.67426 | -117.116133 |
| 32.4059028 | 32.673870 | -117.116027 | 32.5064352 | 32.67393 | -117.116253 | 32.6116435 | 32.67426 | -117.116133 |
| 32.4060880 | 32.673860 | -117.116027 | 32.5078241 | 32.67392 | -117.116253 | 32.6118056 | 32.67426 | -117.116133 |
| 32.4062616 | 32.673857 | -117.116027 | 32.5079977 | 32.67392 | -117.116253 | 32.6119792 | 32.67426 | -117.116133 |
| 32.4064352 | 32.673857 | -117.116027 | 32.5081713 | 32.67392 | -117.116253 | 32.6121644 | 32.67426 | -117.116133 |
| 32.4066088 | 32.673857 | -117.116027 | 32.5083449 | 32.67392 | -117.116253 | 32.612338 | 32.67426 | -117.116133 |
| 32.4067824 | 32.673853 | -117.116027 | 32.5085185 | 32.67392 | -117.116253 | 32.6125 | 32.67426 | -117.116133 |
| 32.4069560 | 32.673853 | -117.116027 | 32.5086806 | 32.67392 | -117.116253 | 32.6126736 | 32.67426 | -117.116133 |
| 32.4071296 | 32.673853 | -117.116027 | 32.5088542 | 32.67392 | -117.116253 | 32.6128472 | 32.67426 | -117.116133 |
| 32.4073032 | 32.673853 | -117.116027 | 32.5090394 | 32.67392 | -117.116253 | 32.6130208 | 32.67426 | -117.116133 |
| 32.4075347 | 32.673850 | -117.116027 | 32.509213 | 32.67391 | -117.116253 | 32.6147569 | 32.67426 | -117.116133 |
| 32.4076389 | 32.673850 | -117.116027 | 32.5093866 | 32.67391 | -117.116253 | 32.6149306 | 32.67426 | -117.116133 |
| 32.4078241 | 32.673850 | -117.116027 | 32.5095602 | 32.67391 | -117.116253 | 32.6151042 | 32.67426 | -117.116133 |
| 32.4079977 | 32.673850 | -117.116027 | 32.5097801 | 32.67391 | -117.116253 | 32.6152778 | 32.67425 | -117.116133 |
| 32.4081713 | 32.673850 | -117.116027 | 32.5099074 | 32.67391 | -117.11624 | 32.6154514 | 32.67425 | -117.116133 |
| 32.4083449 | 32.673850 | -117.116027 | 32.510081 | 32.67391 | -117.11624 | 32.615625 | 32.67425 | -117.116133 |
| 32.4096065 | 32.673837 | -117.116053 | 32.5102662 | 32.67391 | -117.11624 | 32.6157986 | 32.67425 | -117.116133 |
| 32.4097338 | 32.673837 | -117.116053 | 32.5105208 | 32.67391 | -117.11624 | 32.616088 | 32.67425 | -117.116133 |
| 32.4099074 | 32.673837 | -117.116053 | 32.5106019 | 32.67391 | -117.11624 | 32.616169 | 32.67425 | -117.116133 |
| 32.4100694 | 32.673833 | -117.116053 | 32.5107755 | 32.67391 | -117.116227 | 32.6163773 | 32.67425 | -117.116133 |
| 32.4102431 | 32.673833 | -117.116053 | 32.5109491 | 32.67391 | -117.116227 | 32.6165046 | 32.67425 | -117.116133 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4104282 | 32.673833 | -117.116053 | 32.5111227 | 32.67391 | -117.116227 | 32.6166782 | 32.67425 | -117.116133 |
| 32.4106019 | 32.673827 | -117.116053 | 32.5123264 | 32.67391 | -117.116213 | 32.6168519 | 32.67425 | -117.116133 |
| 32.4107755 | 32.673827 | -117.116053 | 32.5125 | 32.67391 | -117.116213 | 32.6170255 | 32.67425 | -117.116133 |
| 32.4109491 | 32.673827 | -117.116053 | 32.5126736 | 32.67391 | -117.116213 | 32.6171991 | 32.67425 | -117.116133 |
| 32.4111574 | 32.673827 | -117.116053 | 32.5128472 | 32.67391 | -117.116213 | 32.6173727 | 32.67425 | -117.116133 |
| 32.4112847 | 32.673827 | -117.116053 | 32.513125 | 32.67391 | -117.1162 | 32.6175347 | 32.67425 | -117.116133 |
| 32.4114583 | 32.673823 | -117.116053 | 32.513206 | 32.67391 | -117.1162 | 32.6177546 | 32.67425 | -117.116133 |
| 32.4116319 | 32.673823 | -117.116053 | 32.5134259 | 32.67391 | -117.1162 | 32.6178819 | 32.67425 | -117.116133 |
| 32.4118056 | 32.673823 | -117.116053 | 32.5135532 | 32.67391 | -117.1162 | 32.6180556 | 32.67425 | -117.116133 |
| 32.4119792 | 32.673820 | -117.116053 | 32.5137153 | 32.67391 | -117.1162 | 32.6185764 | 32.67424 | -117.116133 |
| 32.4121528 | 32.673820 | -117.116053 | 32.5138889 | 32.67391 | -117.1162 | 32.61875 | 32.67424 | -117.116107 |
| 32.4123264 | 32.673817 | -117.116053 | 32.5140625 | 32.67391 | -117.1162 | 32.6190162 | 32.67424 | -117.116107 |
| 32.4125000 | 32.673817 | -117.116053 | 32.5142361 | 32.67391 | -117.1162 | 32.6191204 | 32.67424 | -117.116107 |
| 32.4126736 | 32.673813 | -117.116053 | 32.5144213 | 32.67391 | -117.1162 | 32.6192708 | 32.67424 | -117.116107 |
| 32.4128472 | 32.673813 | -117.116053 | 32.5145949 | 32.67391 | -117.1162 | 32.6194444 | 32.67424 | -117.116107 |
| 32.4135764 | 32.673807 | -117.116053 | 32.5147801 | 32.67391 | -117.1162 | 32.6196644 | 32.67424 | -117.116107 |
| 32.4137153 | 32.673807 | -117.116053 | 32.5149306 | 32.67391 | -117.1162 | 32.619838 | 32.67424 | -117.116107 |
| 32.4138889 | 32.673807 | -117.116053 | 32.5151042 | 32.67391 | -117.1162 | 32.6199653 | 32.67424 | -117.116107 |
| 32.4140625 | 32.673803 | -117.116053 | 32.5152778 | 32.67391 | -117.116147 | 32.6201505 | 32.67423 | -117.116107 |
| 32.4142361 | 32.673803 | -117.116053 | 32.5154514 | 32.67391 | -117.116147 | 32.6203472 | 32.67422 | -117.116107 |
| 32.4144213 | 32.673800 | -117.116053 | 32.515625 | 32.67391 | -117.116147 | 32.6204861 | 32.67421 | -117.116107 |
| 32.4145949 | 32.673800 | -117.116053 | 32.5161574 | 32.67391 | -117.116147 | 32.6206597 | 32.67421 | -117.116107 |
| 32.4147569 | 32.673800 | -117.116053 | 32.516331 | 32.67391 | -117.116147 | 32.6208333 | 32.67421 | -117.116107 |
| 32.4149306 | 32.673797 | -117.116053 | 32.5164931 | 32.67391 | -117.116147 | 32.6210069 | 32.67421 | -117.116107 |
| 32.4151042 | 32.673797 | -117.116053 | 32.5166667 | 32.67391 | -117.116133 | 32.6211921 | 32.67421 | -117.116107 |
| 32.4152778 | 32.673790 | -117.116053 | 32.5168403 | 32.67392 | -117.116107 | 32.6213657 | 32.67421 | -117.116107 |
| 32.4154514 | 32.673790 | -117.116053 | 32.5170139 | 32.67392 | -117.116107 | 32.6215394 | 32.67421 | -117.116107 |
| 32.4156366 | 32.673790 | -117.116053 | 32.5171875 | 32.67392 | -117.116107 | 32.621713 | 32.67421 | -117.116107 |
| 32.4158102 | 32.673780 | -117.116053 | 32.5173727 | 32.67392 | -117.116107 | 32.6218866 | 32.67421 | -117.116107 |
| 32.4160301 | 32.673750 | -117.116053 | 32.5175463 | 32.67392 | -117.116107 | 32.6229282 | 32.67421 | -117.116107 |
| 32.4161574 | 32.673750 | -117.116053 | 32.5177199 | 32.67393 | -117.11608 | 32.6230903 | 32.67421 | -117.116107 |
| 32.4163426 | 32.673750 | -117.116053 | 32.5178935 | 32.67393 | -117.11608 | 32.6232639 | 32.67421 | -117.116107 |
| 32.4164931 | 32.673747 | -117.116053 | 32.5180556 | 32.67393 | -117.11608 | 32.6234607 | 32.67421 | -117.116107 |
| 32.4166667 | 32.673747 | -117.116053 | 32.5182292 | 32.67393 | -117.11608 | 32.6236227 | 32.67421 | -117.116107 |
| 32.4168519 | 32.673747 | -117.116053 | 32.5184144 | 32.67394 | -117.11608 | 32.6237963 | 32.67421 | -117.116107 |
| 32.4177199 | 32.673740 | -117.116027 | 32.518588 | 32.67394 | -117.11608 | 32.6239699 | 32.67421 | -117.116107 |
| 32.4178935 | 32.673727 | -117.116027 | 32.5187616 | 32.67394 | -117.11608 | 32.6241435 | 32.67421 | -117.116107 |
| 32.4180671 | 32.673723 | -117.116027 | 32.5189352 | 32.67394 | -117.11608 | 32.6243171 | 32.67421 | -117.116107 |
| 32.4182407 | 32.673723 | -117.116013 | 32.5191551 | 32.67394 | -117.116067 | 32.6244792 | 32.67421 | -117.116107 |
| 32.4184144 | 32.673713 | -117.116013 | 32.5192708 | 32.67394 | -117.116067 | 32.6246528 | 32.67421 | -117.116107 |
| 32.4185880 | 32.673707 | -117.116013 | 32.5194444 | 32.67394 | -117.116067 | 32.6248727 | 32.67421 | -117.116107 |
| 32.4187616 | 32.673707 | -117.116013 | 32.5201389 | 32.67394 | -117.116067 | 32.6250579 | 32.67421 | -117.116107 |
| 32.4189352 | 32.673707 | -117.116013 | 32.5204051 | 32.67394 | -117.116067 | 32.6251852 | 32.67421 | -117.116107 |
| 32.4191088 | 32.673707 | -117.116013 | 32.5204861 | 32.67394 | -117.116067 | 32.6253819 | 32.67421 | -117.116107 |
| 32.4192824 | 32.673707 | -117.116013 | 32.5206597 | 32.67394 | -117.116067 | 32.6255324 | 32.67421 | -117.116107 |
| 32.4194560 | 32.673707 | -117.116013 | 32.5208333 | 32.67394 | -117.116067 | 32.625706 | 32.67421 | -117.116107 |
| 32.4196296 | 32.673707 | -117.116013 | 32.5210069 | 32.67394 | -117.116067 | 32.6258681 | 32.67421 | -117.116107 |
| 32.4197917 | 32.673707 | -117.116013 | 32.5211806 | 32.67395 | -117.116067 | 32.6260417 | 32.67421 | -117.116107 |
| 32.4199653 | 32.673707 | -117.116013 | 32.5213542 | 32.67395 | -117.116067 | 32.6283102 | 32.6742 | -117.116107 |
| 32.4201852 | 32.673703 | -117.116013 | 32.5215278 | 32.67395 | -117.116053 | 32.6284838 | 32.6742 | -117.116107 |
| 32.4203241 | 32.673703 | -117.116013 | 32.5217014 | 32.67395 | -117.116053 | 32.6286574 | 32.6742 | -117.116107 |
| 32.4204977 | 32.673703 | -117.116013 | 32.521875 | 32.67395 | -117.116053 | 32.6288194 | 32.6742 | -117.116107 |
| 32.4206713 | 32.673703 | -117.116013 | 32.5220486 | 32.67395 | -117.116053 | 32.6289931 | 32.6742 | -117.116107 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4208449 | 32.673703 | -117.116013 | 32.5222222 | 32.67395 | -117.116053 | 32.6291667 | 32.6742 | -117.116107 |
| 32.4210185 | 32.673703 | -117.116013 | 32.5223958 | 32.67395 | -117.116053 | 32.6293403 | 32.6742 | -117.116107 |
| 32.4215394 | 32.673703 | -117.116000 | 32.522662 | 32.67396 | -117.116053 | 32.6296181 | 32.6742 | -117.116107 |
| 32.4217130 | 32.673703 | -117.116000 | 32.5227431 | 32.67396 | -117.116053 | 32.6297222 | 32.6742 | -117.116107 |
| 32.4218866 | 32.673703 | -117.116000 | 32.5229282 | 32.67396 | -117.116053 | 32.6298611 | 32.6742 | -117.116107 |
| 32.4221065 | 32.673703 | -117.116000 | 32.5231019 | 32.67396 | -117.116053 | 32.6300463 | 32.6742 | -117.116107 |
| 32.4222685 | 32.673703 | -117.116000 | 32.5232755 | 32.67396 | -117.116053 | 32.6302199 | 32.6742 | -117.116107 |
| 32.4223958 | 32.673703 | -117.116000 | 32.5234607 | 32.67396 | -117.116053 | 32.6304167 | 32.6742 | -117.116107 |
| 32.4225694 | 32.673707 | -117.116013 | 32.5237963 | 32.67396 | -117.116053 | 32.6305671 | 32.6742 | -117.116107 |
| 32.4227431 | 32.673717 | -117.116027 | 32.5239699 | 32.67396 | -117.116027 | 32.6307407 | 32.6742 | -117.116107 |
| 32.4230208 | 32.673727 | -117.116027 | 32.5241435 | 32.67397 | -117.116027 | 32.6309144 | 32.6742 | -117.116107 |
| 32.4231019 | 32.673727 | -117.116027 | 32.5243171 | 32.67397 | -117.116027 | 32.6310764 | 32.6742 | -117.116107 |
| 32.4232755 | 32.673727 | -117.116027 | 32.5244907 | 32.67397 | -117.116027 | 32.63125 | 32.6742 | -117.116107 |
| 32.4234491 | 32.673727 | -117.116027 | 32.5246644 | 32.67397 | -117.116027 | 32.6314236 | 32.6742 | -117.116107 |
| 32.4236227 | 32.673727 | -117.116027 | 32.524838 | 32.67397 | -117.116027 | 32.6329861 | 32.6742 | -117.116107 |
| 32.4237963 | 32.673727 | -117.116027 | 32.5250116 | 32.67397 | -117.116027 | 32.6331597 | 32.6742 | -117.116107 |
| 32.4239699 | 32.673730 | -117.116027 | 32.5251852 | 32.67397 | -117.116027 | 32.6333449 | 32.6742 | -117.116107 |
| 32.4241435 | 32.673730 | -117.116027 | 32.5253588 | 32.67398 | -117.116027 | 32.6335185 | 32.6742 | -117.116107 |
| 32.4243287 | 32.673730 | -117.116027 | 32.5255324 | 32.67398 | -117.116027 | 32.6336921 | 32.6742 | -117.116107 |
| 32.4244792 | 32.673730 | -117.116027 | 32.525706 | 32.67398 | -117.116027 | 32.6338657 | 32.6742 | -117.116107 |
| 32.4246528 | 32.673733 | -117.116027 | 32.5258796 | 32.67398 | -117.116027 | 32.6340394 | 32.6742 | -117.116107 |
| 32.4248264 | 32.673733 | -117.116027 | 32.5260532 | 32.67398 | -117.116027 | 32.634213 | 32.6742 | -117.116107 |
| 32.4251852 | 32.673733 | -117.116027 | 32.5262153 | 32.67398 | -117.116027 | 32.6343866 | 32.6742 | -117.116107 |
| 32.4253588 | 32.673740 | -117.116027 | 32.5263889 | 32.67399 | -117.116027 | 32.6345602 | 32.6742 | -117.116107 |
| 32.4255324 | 32.673740 | -117.116027 | 32.5265625 | 32.67399 | -117.116013 | 32.6347338 | 32.6742 | -117.116107 |
| 32.4257060 | 32.673740 | -117.116027 | 32.5267361 | 32.67399 | -117.116013 | 32.6349074 | 32.6742 | -117.116107 |
| 32.4258681 | 32.673740 | -117.116027 | 32.5269097 | 32.67399 | -117.116013 | 32.635081 | 32.6742 | -117.116107 |
| 32.4260417 | 32.673740 | -117.116013 | 32.5270833 | 32.67399 | -117.116013 | 32.6352431 | 32.67419 | -117.116107 |
| 32.4262153 | 32.673740 | -117.116013 | 32.5276157 | 32.67399 | -117.116013 | 32.6354167 | 32.67419 | -117.116107 |
| 32.4263889 | 32.673743 | -117.116013 | 32.5277894 | 32.67399 | -117.116013 | 32.6355903 | 32.67419 | -117.116107 |
| 32.4265625 | 32.673743 | -117.116013 | 32.527963 | 32.674 | -117.116013 | 32.6357639 | 32.67419 | -117.116107 |
| 32.4267361 | 32.673743 | -117.116013 | 32.528125 | 32.67402 | -117.116013 | 32.6359838 | 32.67419 | -117.116107 |
| 32.4269097 | 32.673747 | -117.116013 | 32.5282986 | 32.67403 | -117.116 | 32.6361111 | 32.67419 | -117.116107 |
| 32.4270833 | 32.673747 | -117.116013 | 32.5284722 | 32.67404 | -117.116 | 32.636331 | 32.67419 | -117.116107 |
| 32.4272569 | 32.673747 | -117.116013 | 32.5286458 | 32.67404 | -117.116 | 32.6380324 | 32.67419 | -117.116107 |
| 32.4274421 | 32.673750 | -117.116013 | 32.5288194 | 32.67404 | -117.116 | 32.638206 | 32.67419 | -117.116107 |
| 32.4276157 | 32.673750 | -117.116013 | 32.5289931 | 32.67404 | -117.116 | 32.6383796 | 32.67419 | -117.116107 |
| 32.4277778 | 32.673753 | -117.116013 | 32.5291667 | 32.67404 | -117.116 | 32.6385532 | 32.67419 | -117.116107 |
| 32.4279514 | 32.673753 | -117.116013 | 32.5293403 | 32.67405 | -117.116 | 32.6387269 | 32.67419 | -117.116107 |
| 32.4281250 | 32.673753 | -117.116013 | 32.5295139 | 32.67405 | -117.116 | 32.6389005 | 32.67419 | -117.116107 |
| 32.4282986 | 32.673753 | -117.116013 | 32.5296991 | 32.67405 | -117.116 | 32.6390741 | 32.67419 | -117.116107 |
| 32.4284838 | 32.673753 | -117.116013 | 32.5298727 | 32.67407 | -117.115987 | 32.6392477 | 32.67419 | -117.116107 |
| 32.4290046 | 32.673763 | -117.116013 | 32.5300463 | 32.67407 | -117.115987 | 32.6394213 | 32.67419 | -117.116107 |
| 32.4291782 | 32.673763 | -117.116013 | 32.5302199 | 32.67408 | -117.115987 | 32.6395833 | 32.67419 | -117.116107 |
| 32.4293519 | 32.673763 | -117.116013 | 32.5303935 | 32.67408 | -117.115987 | 32.6397569 | 32.67419 | -117.116107 |
| 32.4295255 | 32.673767 | -117.116013 | 32.5305671 | 32.67408 | -117.115987 | 32.6399306 | 32.67419 | -117.116107 |
| 32.4296991 | 32.673770 | -117.116013 | 32.5307407 | 32.67408 | -117.115987 | 32.6401042 | 32.67419 | -117.116107 |
| 32.4298611 | 32.673770 | -117.116013 | 32.5309028 | 32.67407 | -117.115987 | 32.6402894 | 32.67419 | -117.116107 |
| 32.4300347 | 32.673777 | -117.116013 | 32.5315972 | 32.67407 | -117.115987 | 32.640463 | 32.67419 | -117.116107 |
| 32.4302431 | 32.673780 | -117.116013 | 32.5317708 | 32.67407 | -117.115987 | 32.6406366 | 32.67419 | -117.116107 |
| 32.4303935 | 32.673780 | -117.116013 | 32.5319907 | 32.67407 | -117.115987 | 32.6407986 | 32.67419 | -117.116107 |
| 32.4305671 | 32.673783 | -117.116013 | 32.5321296 | 32.67406 | -117.115987 | 32.6409722 | 32.67419 | -117.116107 |
| 32.4307407 | 32.673783 | -117.116013 | 32.5323032 | 32.67406 | -117.115987 | 32.6411458 | 32.67419 | -117.116107 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4309144 | 32.673783 | -117.116013 | 32.5324769 | 32.67406 | -117.115987 | 32.6413194 | 32.67419 | -117.116107 |
| 32.4310880 | 32.673787 | -117.116013 | 32.5326505 | 32.67406 | -117.115987 | 32.64375 | 32.6742 | -117.116107 |
| 32.4312500 | 32.673787 | -117.116013 | 32.5328125 | 32.67406 | -117.115987 | 32.6439236 | 32.6742 | -117.116107 |
| 32.4314236 | 32.673787 | -117.116013 | 32.5329861 | 32.67407 | -117.115987 | 32.6440972 | 32.6742 | -117.116107 |
| 32.4316319 | 32.673790 | -117.116013 | 32.5332523 | 32.67409 | -117.115973 | 32.6442708 | 32.6742 | -117.116107 |
| 32.4317824 | 32.673790 | -117.116013 | 32.5333449 | 32.6741 | -117.115973 | 32.6444444 | 32.6742 | -117.116107 |
| 32.4319560 | 32.673790 | -117.116013 | 32.5335185 | 32.67412 | -117.115973 | 32.6446181 | 32.6742 | -117.116107 |
| 32.4321181 | 32.673790 | -117.116013 | 32.5336921 | 32.67413 | -117.115973 | 32.6447917 | 32.6742 | -117.116107 |
| 32.4322917 | 32.673797 | -117.116013 | 32.5338657 | 32.67414 | -117.115973 | 32.6449653 | 32.6742 | -117.116107 |
| 32.4338889 | 32.673827 | -117.116000 | 32.5340278 | 32.67416 | -117.115973 | 32.6451389 | 32.6742 | -117.116107 |
| 32.4340394 | 32.673833 | -117.116000 | 32.5342014 | 32.67417 | -117.115973 | 32.6453125 | 32.6742 | -117.116107 |
| 32.4342245 | 32.673833 | -117.116000 | 32.534375 | 32.67418 | -117.115973 | 32.6454861 | 32.6742 | -117.116107 |
| 32.4343750 | 32.673837 | -117.116000 | 32.5345486 | 32.67419 | -117.115973 | 32.6456597 | 32.67419 | -117.116107 |
| 32.4346065 | 32.673840 | -117.116000 | 32.5347338 | 32.6742 | -117.115973 | 32.6458449 | 32.67419 | -117.116107 |
| 32.4347338 | 32.673840 | -117.116000 | 32.5349074 | 32.67421 | -117.115947 | 32.6460185 | 32.67419 | -117.116107 |
| 32.4349074 | 32.673843 | -117.116000 | 32.5356482 | 32.67423 | -117.115947 | 32.6461921 | 32.67419 | -117.116107 |
| 32.4350926 | 32.673843 | -117.116000 | 32.5357755 | 32.67423 | -117.115947 | 32.6463657 | 32.67419 | -117.116107 |
| 32.4352431 | 32.673843 | -117.116000 | 32.5359491 | 32.67423 | -117.115947 | 32.6465394 | 32.67419 | -117.116107 |
| 32.4354167 | 32.673850 | -117.116000 | 32.5361227 | 32.67423 | -117.115947 | 32.6467014 | 32.67419 | -117.116107 |
| 32.4355903 | 32.673850 | -117.116000 | 32.5362963 | 32.67423 | -117.115947 | 32.646875 | 32.67419 | -117.116107 |
| 32.4357755 | 32.673850 | -117.116000 | 32.5364699 | 32.67423 | -117.115947 | 32.6474074 | 32.6742 | -117.11608 |
| 32.4359375 | 32.673850 | -117.116000 | 32.5366435 | 32.67423 | -117.115947 | 32.647581 | 32.6742 | -117.11608 |
| 32.4361111 | 32.673850 | -117.116000 | 32.5368171 | 32.67423 | -117.115947 | 32.6477546 | 32.6742 | -117.11608 |
| 32.4362963 | 32.673900 | -117.116013 | 32.5369792 | 32.67424 | -117.115947 | 32.6479282 | 32.6742 | -117.11608 |
| 32.4364699 | 32.673910 | -117.116013 | 32.5371528 | 32.67424 | -117.115947 | 32.6480903 | 32.6742 | -117.11608 |
| 32.4366435 | 32.673910 | -117.116013 | 32.5373264 | 32.67424 | -117.115947 | 32.6482639 | 32.6742 | -117.11608 |
| 32.4368171 | 32.673910 | -117.116013 | 32.5375463 | 32.67424 | -117.115947 | 32.6484491 | 32.6742 | -117.11608 |
| 32.4369792 | 32.673913 | -117.116013 | 32.5376736 | 32.67424 | -117.115947 | 32.6486574 | 32.6742 | -117.11608 |
| 32.4371528 | 32.673913 | -117.116013 | 32.5378472 | 32.67424 | -117.115947 | 32.6487847 | 32.6742 | -117.11608 |
| 32.4387269 | 32.673927 | -117.116013 | 32.5380324 | 32.67424 | -117.115947 | 32.6489583 | 32.6742 | -117.11608 |
| 32.4389005 | 32.673927 | -117.116013 | 32.538206 | 32.67424 | -117.115947 | 32.6491319 | 32.6742 | -117.11608 |
| 32.4390625 | 32.673927 | -117.116013 | 32.5383796 | 32.67424 | -117.115947 | 32.6493056 | 32.6742 | -117.11608 |
| 32.4392361 | 32.673930 | -117.116013 | 32.5385532 | 32.67424 | -117.115947 | 32.6494907 | 32.6742 | -117.11608 |
| 32.4394097 | 32.673930 | -117.116013 | 32.5387269 | 32.67424 | -117.115947 | 32.6496644 | 32.6742 | -117.11608 |
| 32.4395833 | 32.673930 | -117.116013 | 32.5388889 | 32.67425 | -117.115947 | 32.6498264 | 32.6742 | -117.11608 |
| 32.4397569 | 32.673933 | -117.116013 | 32.5394213 | 32.67425 | -117.115933 | 32.65 | 32.6742 | -117.11608 |
| 32.4399306 | 32.673933 | -117.116013 | 32.5395949 | 32.67425 | -117.115933 | 32.6501736 | 32.6742 | -117.11608 |
| 32.4401157 | 32.673937 | -117.116013 | 32.5397685 | 32.67425 | -117.115933 | 32.6503588 | 32.6742 | -117.11608 |
| 32.4402894 | 32.673937 | -117.116013 | 32.5399421 | 32.67425 | -117.115933 | 32.6505324 | 32.6742 | -117.11608 |
| 32.4404514 | 32.673937 | -117.116013 | 32.5401157 | 32.67424 | -117.115947 | 32.650706 | 32.6742 | -117.11608 |
| 32.4406250 | 32.673937 | -117.116013 | 32.5403819 | 32.6742 | -117.115947 | 32.6512153 | 32.6742 | -117.11608 |
| 32.4407986 | 32.673937 | -117.116013 | 32.540463 | 32.67419 | -117.115947 | 32.6514005 | 32.6742 | -117.11608 |
| 32.4409838 | 32.673937 | -117.116013 | 32.5406366 | 32.67417 | -117.115973 | 32.6515741 | 32.6742 | -117.11608 |
| 32.4411574 | 32.673943 | -117.116013 | 32.5409028 | 32.67414 | -117.115973 | 32.6517477 | 32.6742 | -117.11608 |
| 32.4413310 | 32.673943 | -117.116013 | 32.5409838 | 32.67413 | -117.115973 | 32.6519213 | 32.6742 | -117.11608 |
| 32.4415046 | 32.673943 | -117.116027 | 32.5411574 | 32.6741 | -117.115987 | 32.6521181 | 32.6742 | -117.11608 |
| 32.4416782 | 32.673947 | -117.116027 | 32.5413194 | 32.67408 | -117.116 | 32.6522569 | 32.6742 | -117.11608 |
| 32.4418403 | 32.673963 | -117.116027 | 32.5414931 | 32.67408 | -117.116 | 32.6524306 | 32.6742 | -117.11608 |
| 32.4428819 | 32.673990 | -117.116067 | 32.5416667 | 32.67409 | -117.116 | 32.6526042 | 32.6742 | -117.11608 |
| 32.4430556 | 32.673990 | -117.116067 | 32.5418519 | 32.67409 | -117.116 | 32.6528357 | 32.6742 | -117.11608 |
| 32.4432292 | 32.673990 | -117.116067 | 32.5420255 | 32.67409 | -117.116 | 32.652963 | 32.6742 | -117.11608 |
| 32.4434028 | 32.673990 | -117.116067 | 32.5421875 | 32.67409 | -117.116 | 32.6531366 | 32.6742 | -117.11608 |
| 32.4435764 | 32.673990 | -117.116067 | 32.5423611 | 32.67409 | -117.116 | 32.6533102 | 32.6742 | -117.11608 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4437616 | 32.673990 | -117.116067 | 32.5425347 | 32.67409 | -117.116 | 32.6534838 | 32.6742 | -117.11608 |
| 32.4439352 | 32.673990 | -117.116067 | 32.5427083 | 32.67409 | -117.116 | 32.6536574 | 32.6742 | -117.11608 |
| 32.4441088 | 32.673990 | -117.116067 | 32.5454977 | 32.6741 | -117.116013 | 32.653831 | 32.6742 | -117.11608 |
| 32.4442824 | 32.673993 | -117.116067 | 32.5456713 | 32.6741 | -117.116013 | 32.6540046 | 32.6742 | -117.11608 |
| 32.4445023 | 32.673993 | -117.116067 | 32.5458565 | 32.6741 | -117.116013 | 32.6541782 | 32.6742 | -117.11608 |
| 32.4446296 | 32.673993 | -117.116067 | 32.5460069 | 32.6741 | -117.116013 | 32.6543519 | 32.6742 | -117.11608 |
| 32.4448032 | 32.673993 | -117.116067 | 32.5461921 | 32.6741 | -117.116013 | 32.6545255 | 32.6742 | -117.11608 |
| 32.4449653 | 32.673993 | -117.116067 | 32.5463657 | 32.6741 | -117.116013 | 32.6550347 | 32.6742 | -117.11608 |
| 32.4451389 | 32.673993 | -117.116067 | 32.5465394 | 32.6741 | -117.116013 | 32.6552083 | 32.6742 | -117.11608 |
| 32.4453125 | 32.673993 | -117.116067 | 32.5467014 | 32.6741 | -117.116013 | 32.6553819 | 32.6742 | -117.11608 |
| 32.4454977 | 32.673993 | -117.116067 | 32.546875 | 32.6741 | -117.116013 | 32.6555556 | 32.6742 | -117.11608 |
| 32.4456713 | 32.673993 | -117.116067 | 32.5470486 | 32.6741 | -117.116013 | 32.6557407 | 32.6742 | -117.11608 |
| 32.4458449 | 32.673993 | -117.116067 | 32.5472222 | 32.6741 | -117.116013 | 32.6559028 | 32.6742 | -117.11608 |
| 32.4460185 | 32.673993 | -117.116067 | 32.5473958 | 32.6741 | -117.116013 | 32.6560764 | 32.6742 | -117.11608 |
| 32.4461921 | 32.673993 | -117.116067 | 32.5475694 | 32.6741 | -117.116013 | 32.65625 | 32.6742 | -117.11608 |
| 32.4472222 | 32.674000 | -117.116067 | 32.5477546 | 32.67411 | -117.116013 | 32.6564236 | 32.6742 | -117.11608 |
| 32.4473958 | 32.674000 | -117.116067 | 32.5479282 | 32.67411 | -117.116013 | 32.6566551 | 32.6742 | -117.11608 |
| 32.4475694 | 32.674000 | -117.116067 | 32.5481019 | 32.67411 | -117.116013 | 32.6567824 | 32.6742 | -117.11608 |
| 32.4477431 | 32.674000 | -117.116067 | 32.5482755 | 32.67411 | -117.116013 | 32.656956 | 32.6742 | -117.11608 |
| 32.4479167 | 32.674000 | -117.116067 | 32.5484491 | 32.67411 | -117.116013 | 32.6571296 | 32.6742 | -117.11608 |
| 32.4481019 | 32.674000 | -117.116067 | 32.548669 | 32.67411 | -117.116013 | 32.6573032 | 32.6742 | -117.11608 |
| 32.4482755 | 32.674000 | -117.116067 | 32.5487963 | 32.67411 | -117.116013 | 32.6575347 | 32.6742 | -117.11608 |
| 32.4484491 | 32.674003 | -117.116067 | 32.5503588 | 32.67412 | -117.116013 | 32.6576389 | 32.6742 | -117.11608 |
| 32.4486111 | 32.674003 | -117.116067 | 32.5505324 | 32.67412 | -117.116013 | 32.6578125 | 32.6742 | -117.11608 |
| 32.4487847 | 32.674003 | -117.116067 | 32.550706 | 32.67412 | -117.116013 | 32.6579977 | 32.6742 | -117.11608 |
| 32.4489699 | 32.674003 | -117.116067 | 32.5508681 | 32.67412 | -117.116013 | 32.6581713 | 32.6742 | -117.11608 |
| 32.4491435 | 32.674003 | -117.116067 | 32.5510417 | 32.67412 | -117.116013 | 32.6583333 | 32.6742 | -117.11608 |
| 32.4493403 | 32.674003 | -117.116067 | 32.5512153 | 32.67412 | -117.116013 | 32.6599074 | 32.67421 | -117.11608 |
| 32.4494792 | 32.674003 | -117.116067 | 32.5513889 | 32.67412 | -117.116013 | 32.660081 | 32.67421 | -117.11608 |
| 32.4496528 | 32.674003 | -117.116067 | 32.5515625 | 32.67412 | -117.116013 | 32.6602546 | 32.67421 | -117.11608 |
| 32.4498380 | 32.674007 | -117.116067 | 32.5517477 | 32.67412 | -117.116013 | 32.6604282 | 32.67421 | -117.11608 |
| 32.4500116 | 32.674007 | -117.116067 | 32.5519213 | 32.67412 | -117.116013 | 32.6606019 | 32.67421 | -117.11608 |
| 32.4501736 | 32.674007 | -117.116067 | 32.5520949 | 32.67413 | -117.116013 | 32.6607755 | 32.67421 | -117.11608 |
| 32.4503472 | 32.674007 | -117.116067 | 32.5522569 | 32.67413 | -117.116013 | 32.6609491 | 32.6742 | -117.11608 |
| 32.4505208 | 32.674007 | -117.116067 | 32.5524306 | 32.67413 | -117.116013 | 32.6611227 | 32.6742 | -117.11608 |
| 32.4510532 | 32.674010 | -117.116067 | 32.5526042 | 32.67413 | -117.116013 | 32.6612963 | 32.6742 | -117.11608 |
| 32.4512269 | 32.674010 | -117.116067 | 32.5527778 | 32.67413 | -117.116013 | 32.6614583 | 32.6742 | -117.11608 |
| 32.4514005 | 32.674010 | -117.116067 | 32.5529861 | 32.67413 | -117.116013 | 32.6616319 | 32.6742 | -117.11608 |
| 32.4515741 | 32.674010 | -117.116067 | 32.5531366 | 32.67413 | -117.116013 | 32.6618056 | 32.6742 | -117.11608 |
| 32.4517477 | 32.674010 | -117.116067 | 32.5533102 | 32.67413 | -117.116013 | 32.6619792 | 32.6742 | -117.11608 |
| 32.4519213 | 32.674010 | -117.116067 | 32.5534838 | 32.67413 | -117.116013 | 32.6621528 | 32.6742 | -117.11608 |
| 32.4520949 | 32.674017 | -117.116067 | 32.5536574 | 32.6741 | -117.116013 | 32.6623264 | 32.6742 | -117.11608 |
| 32.4522685 | 32.674017 | -117.116067 | 32.554213 | 32.67406 | -117.116013 | 32.6625 | 32.6742 | -117.11608 |
| 32.4524306 | 32.674017 | -117.116080 | 32.5543403 | 32.67404 | -117.116013 | 32.6627546 | 32.6742 | -117.11608 |
| 32.4526042 | 32.674003 | -117.116080 | 32.5545718 | 32.67399 | -117.116013 | 32.6628588 | 32.6742 | -117.11608 |
| 32.4527778 | 32.673980 | -117.116080 | 32.5546991 | 32.67399 | -117.116013 | 32.6630324 | 32.6742 | -117.11608 |
| 32.4529514 | 32.673960 | -117.116093 | 32.5549074 | 32.67397 | -117.115987 | 32.663206 | 32.6742 | -117.11608 |
| 32.4531250 | 32.673960 | -117.116093 | 32.5550347 | 32.67398 | -117.115987 | 32.6636227 | 32.6742 | -117.116067 |
| 32.4533102 | 32.673960 | -117.116093 | 32.5552083 | 32.67398 | -117.115973 | 32.6637269 | 32.6742 | -117.116067 |
| 32.4535301 | 32.673960 | -117.116093 | 32.5553819 | 32.67398 | -117.115973 | 32.6639005 | 32.6742 | -117.116067 |
| 32.4536574 | 32.673960 | -117.116093 | 32.5555556 | 32.67399 | -117.115973 | 32.6640741 | 32.6742 | -117.116067 |
| 32.4538310 | 32.673960 | -117.116093 | 32.5557292 | 32.67399 | -117.115973 | 32.6642361 | 32.6742 | -117.116067 |
| 32.4540046 | 32.673960 | -117.116093 | 32.5559028 | 32.67399 | -117.115973 | 32.6644097 | 32.6742 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4542130 | 32.673960 | -117.116093 | 32.5560764 | 32.67399 | -117.115973 | 32.6646759 | 32.6742 | -117.116067 |
| 32.4543403 | 32.673963 | -117.116093 | 32.55625 | 32.67399 | -117.115973 | 32.664838 | 32.6742 | -117.116067 |
| 32.4552083 | 32.673963 | -117.116093 | 32.5564236 | 32.67399 | -117.115973 | 32.6649421 | 32.6742 | -117.116067 |
| 32.4553819 | 32.673963 | -117.116093 | 32.5565972 | 32.67399 | -117.115973 | 32.6651157 | 32.6742 | -117.116067 |
| 32.4555671 | 32.673963 | -117.116093 | 32.5567824 | 32.67399 | -117.115973 | 32.6653009 | 32.6742 | -117.116067 |
| 32.4557407 | 32.673963 | -117.116093 | 32.556956 | 32.67399 | -117.115973 | 32.6654514 | 32.6742 | -117.116067 |
| 32.4559144 | 32.673963 | -117.116093 | 32.5571296 | 32.67399 | -117.115973 | 32.6657176 | 32.6742 | -117.116067 |
| 32.4560764 | 32.673967 | -117.116107 | 32.5573032 | 32.67399 | -117.115973 | 32.6657986 | 32.6742 | -117.116067 |
| 32.4562616 | 32.673967 | -117.116107 | 32.5574769 | 32.67399 | -117.115973 | 32.6659722 | 32.6742 | -117.116067 |
| 32.4564352 | 32.673967 | -117.116107 | 32.5580093 | 32.67399 | -117.115973 | 32.6661458 | 32.6742 | -117.116067 |
| 32.4566088 | 32.673967 | -117.116107 | 32.5581597 | 32.67399 | -117.115973 | 32.6663194 | 32.6742 | -117.116067 |
| 32.4567824 | 32.673967 | -117.116107 | 32.5583912 | 32.67399 | -117.115973 | 32.6664931 | 32.6742 | -117.116067 |
| 32.4569560 | 32.673967 | -117.116107 | 32.5585185 | 32.674 | -117.115973 | 32.6666667 | 32.6742 | -117.116067 |
| 32.4571296 | 32.673967 | -117.116107 | 32.5586921 | 32.674 | -117.115973 | 32.6668403 | 32.6742 | -117.116067 |
| 32.4573148 | 32.673967 | -117.116107 | 32.5588657 | 32.674 | -117.115973 | 32.6675347 | 32.6742 | -117.116067 |
| 32.4574653 | 32.673970 | -117.116107 | 32.5590394 | 32.674 | -117.115973 | 32.6677083 | 32.6742 | -117.116067 |
| 32.4576505 | 32.673970 | -117.116107 | 32.559213 | 32.674 | -117.115973 | 32.6678819 | 32.6742 | -117.116067 |
| 32.4578241 | 32.673970 | -117.116107 | 32.5593866 | 32.674 | -117.115973 | 32.6680556 | 32.6742 | -117.116067 |
| 32.4579977 | 32.673970 | -117.116107 | 32.5595602 | 32.674 | -117.115973 | 32.6682292 | 32.6742 | -117.116067 |
| 32.4581829 | 32.673970 | -117.116107 | 32.5597338 | 32.674 | -117.115973 | 32.6684028 | 32.6742 | -117.116067 |
| 32.4583333 | 32.673980 | -117.116107 | 32.5599074 | 32.674 | -117.115973 | 32.6685764 | 32.6742 | -117.116067 |
| 32.4585069 | 32.673987 | -117.116107 | 32.5600694 | 32.674 | -117.115973 | 32.66875 | 32.6742 | -117.116067 |
| 32.4598958 | 32.673990 | -117.116133 | 32.5602431 | 32.674 | -117.115973 | 32.6689236 | 32.6742 | -117.116067 |
| 32.4601042 | 32.673990 | -117.116133 | 32.5604167 | 32.674 | -117.115973 | 32.6690972 | 32.6742 | -117.116067 |
| 32.4602546 | 32.673990 | -117.116133 | 32.5606019 | 32.67401 | -117.115973 | 32.6692708 | 32.6742 | -117.116067 |
| 32.4604282 | 32.673990 | -117.116133 | 32.5607755 | 32.67401 | -117.115973 | 32.6694444 | 32.6742 | -117.116067 |
| 32.4606019 | 32.674003 | -117.116133 | 32.5609491 | 32.67401 | -117.115973 | 32.6696181 | 32.6742 | -117.116067 |
| 32.4607755 | 32.674003 | -117.116133 | 32.5611111 | 32.67401 | -117.115973 | 32.6697917 | 32.6742 | -117.116067 |
| 32.4609838 | 32.674003 | -117.116133 | 32.5612847 | 32.67401 | -117.115973 | 32.6699653 | 32.6742 | -117.116067 |
| 32.4611111 | 32.674003 | -117.116133 | 32.5630671 | 32.67402 | -117.115947 | 32.6701389 | 32.6742 | -117.116067 |
| 32.4612847 | 32.674003 | -117.116133 | 32.563206 | 32.67402 | -117.115947 | 32.6703125 | 32.6742 | -117.116067 |
| 32.4614583 | 32.674003 | -117.116133 | 32.5633796 | 32.67402 | -117.115947 | 32.6704861 | 32.6742 | -117.116067 |
| 32.4616319 | 32.674003 | -117.116133 | 32.5635532 | 32.67402 | -117.115947 | 32.6706597 | 32.6742 | -117.116067 |
| 32.4618171 | 32.674007 | -117.116133 | 32.5637269 | 32.67402 | -117.115947 | 32.6708333 | 32.6742 | -117.116067 |
| 32.4619907 | 32.674007 | -117.116133 | 32.5639005 | 32.67402 | -117.115947 | 32.6713657 | 32.6742 | -117.116067 |
| 32.4621528 | 32.674007 | -117.116133 | 32.5640741 | 32.67402 | -117.115947 | 32.6715394 | 32.6742 | -117.116067 |
| 32.4623264 | 32.674007 | -117.116133 | 32.5642477 | 32.67402 | -117.115947 | 32.671713 | 32.6742 | -117.116067 |
| 32.4625000 | 32.674007 | -117.116133 | 32.5644213 | 32.67403 | -117.115947 | 32.6718866 | 32.6742 | -117.116067 |
| 32.4626852 | 32.674007 | -117.116133 | 32.5645949 | 32.67403 | -117.115947 | 32.6720602 | 32.6742 | -117.116067 |
| 32.4628588 | 32.674010 | -117.116133 | 32.5647685 | 32.67403 | -117.115947 | 32.6722338 | 32.6742 | -117.116067 |
| 32.4630208 | 32.674010 | -117.116133 | 32.5649421 | 32.67403 | -117.115947 | 32.6724074 | 32.6742 | -117.116067 |
| 32.4631944 | 32.674010 | -117.116133 | 32.5651157 | 32.67403 | -117.115933 | 32.672581 | 32.6742 | -117.116067 |
| 32.4643171 | 32.674017 | -117.116133 | 32.5653472 | 32.67403 | -117.115933 | 32.6727546 | 32.6742 | -117.116067 |
| 32.4644213 | 32.674017 | -117.116133 | 32.5654514 | 32.67403 | -117.115933 | 32.6729282 | 32.6742 | -117.116067 |
| 32.4646412 | 32.674020 | -117.116133 | 32.565625 | 32.67403 | -117.115933 | 32.6731019 | 32.6742 | -117.116067 |
| 32.4647569 | 32.674020 | -117.116133 | 32.5658102 | 32.67404 | -117.115933 | 32.6732755 | 32.6742 | -117.116067 |
| 32.4649306 | 32.674020 | -117.116147 | 32.5659838 | 32.67404 | -117.115933 | 32.6734491 | 32.6742 | -117.116067 |
| 32.4651042 | 32.674020 | -117.116147 | 32.5661458 | 32.67404 | -117.115933 | 32.6736227 | 32.6742 | -117.116067 |
| 32.4652894 | 32.674023 | -117.116147 | 32.5663194 | 32.67404 | -117.115933 | 32.6737963 | 32.6742 | -117.116067 |
| 32.4654630 | 32.674023 | -117.116147 | 32.5673958 | 32.67408 | -117.115907 | 32.6739699 | 32.6742 | -117.116067 |
| 32.4656366 | 32.674023 | -117.116147 | 32.5675347 | 32.67408 | -117.115907 | 32.6741435 | 32.6742 | -117.116067 |
| 32.4658102 | 32.674023 | -117.116147 | 32.5677083 | 32.67408 | -117.115907 | 32.6743171 | 32.6742 | -117.116067 |
| 32.4659838 | 32.674023 | -117.116147 | 32.5678819 | 32.67408 | -117.115907 | 32.6744907 | 32.6742 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4661574 | 32.674023 | -117.116147 | 32.5680671 | 32.67408 | -117.11588 | 32.6746644 | 32.6742 | -117.116067 |
| 32.4663194 | 32.674023 | -117.116147 | 32.5682407 | 32.67408 | -117.11588 | 32.6760417 | 32.6742 | -117.116067 |
| 32.4664931 | 32.674023 | -117.116147 | 32.5684144 | 32.67409 | -117.11588 | 32.6762269 | 32.6742 | -117.116067 |
| 32.4666667 | 32.674023 | -117.116147 | 32.5685995 | 32.67409 | -117.11588 | 32.6764005 | 32.6742 | -117.116067 |
| 32.4668403 | 32.674023 | -117.116147 | 32.56875 | 32.67409 | -117.11588 | 32.6765741 | 32.6742 | -117.116067 |
| 32.4670255 | 32.674027 | -117.116147 | 32.5689236 | 32.67409 | -117.11588 | 32.6767477 | 32.6742 | -117.116067 |
| 32.4671991 | 32.674027 | -117.116147 | 32.5691088 | 32.67409 | -117.11588 | 32.6769213 | 32.6742 | -117.116067 |
| 32.4673727 | 32.674027 | -117.116147 | 32.5692824 | 32.6741 | -117.11588 | 32.6770949 | 32.6742 | -117.116067 |
| 32.4677199 | 32.674027 | -117.116147 | 32.569456 | 32.67411 | -117.11588 | 32.6772685 | 32.6742 | -117.116067 |
| 32.4678935 | 32.674027 | -117.116147 | 32.5696296 | 32.67409 | -117.11588 | 32.6774421 | 32.6742 | -117.116067 |
| 32.4680556 | 32.674030 | -117.116147 | 32.5698032 | 32.67407 | -117.11588 | 32.6776157 | 32.6742 | -117.116067 |
| 32.4682292 | 32.674040 | -117.116147 | 32.5699769 | 32.67405 | -117.11588 | 32.6777894 | 32.6742 | -117.116067 |
| 32.4684028 | 32.674040 | -117.116147 | 32.5701389 | 32.67403 | -117.11592 | 32.677963 | 32.6742 | -117.116067 |
| 32.4685880 | 32.674040 | -117.116147 | 32.5703125 | 32.67405 | -117.115933 | 32.6781366 | 32.6742 | -117.116067 |
| 32.4687616 | 32.674040 | -117.116160 | 32.5704861 | 32.67404 | -117.115947 | 32.6783102 | 32.6742 | -117.116067 |
| 32.4689352 | 32.67404 | -117.1162 | 32.5706713 | 32.67401 | -117.115973 | 32.6784838 | 32.6742 | -117.116067 |
| 32.4690972 | 32.67404 | -117.1162 | 32.5710069 | 32.674 | -117.115973 | 32.6786574 | 32.6742 | -117.116067 |
| 32.4692708 | 32.67404 | -117.1162 | 32.5711921 | 32.674 | -117.115973 | 32.678831 | 32.6742 | -117.116067 |
| 32.4694444 | 32.67404 | -117.1162 | 32.5713657 | 32.674 | -117.115973 | 32.6790046 | 32.6742 | -117.116067 |
| 32.4696181 | 32.67404 | -117.1162 | 32.5715394 | 32.67401 | -117.115973 | 32.6791782 | 32.6742 | -117.116067 |
| 32.4697917 | 32.67404 | -117.1162 | 32.571713 | 32.67401 | -117.115973 | 32.6793519 | 32.6742 | -117.116067 |
| 32.4699653 | 32.67404 | -117.1162 | 32.5718866 | 32.67401 | -117.115973 | 32.6798611 | 32.6742 | -117.116067 |
| 32.4701389 | 32.67404 | -117.1162 | 32.5720602 | 32.67401 | -117.115973 | 32.6800347 | 32.6742 | -117.116067 |
| 32.4703125 | 32.67404 | -117.1162 | 32.5722338 | 32.67401 | -117.115973 | 32.6802083 | 32.6742 | -117.116067 |
| 32.4705208 | 32.67404 | -117.1162 | 32.5724074 | 32.67401 | -117.115973 | 32.6803819 | 32.6742 | -117.116067 |
| 32.4706713 | 32.67404 | -117.1162 | 32.572581 | 32.67402 | -117.115973 | 32.6805556 | 32.6742 | -117.116067 |
| 32.4708449 | 32.67404 | -117.1162 | 32.5727546 | 32.67402 | -117.115947 | 32.6807292 | 32.6742 | -117.116067 |
| 32.4710185 | 32.67404 | -117.1162 | 32.572963 | 32.67402 | -117.115947 | 32.6809028 | 32.6742 | -117.116067 |
| 32.4715278 | 32.67404 | -117.1162 | 32.5730903 | 32.67402 | -117.115947 | 32.681088 | 32.6742 | -117.116067 |
| 32.471713 | 32.67404 | -117.1162 | 32.5733565 | 32.67402 | -117.115947 | 32.6812616 | 32.6742 | -117.116067 |
| 32.4718866 | 32.67404 | -117.1162 | 32.5734375 | 32.67402 | -117.115947 | 32.6814352 | 32.6742 | -117.116067 |
| 32.4720602 | 32.67404 | -117.1162 | 32.5736111 | 32.67402 | -117.115947 | 32.6816088 | 32.6742 | -117.116067 |
| 32.4722917 | 32.67404 | -117.1162 | 32.5738194 | 32.67402 | -117.115947 | 32.6817824 | 32.6742 | -117.116067 |
| 32.4723958 | 32.67404 | -117.1162 | 32.5739699 | 32.67402 | -117.115947 | 32.681956 | 32.6742 | -117.116067 |
| 32.472581 | 32.67403 | -117.1162 | 32.5741435 | 32.67402 | -117.115947 | 32.6821296 | 32.6742 | -117.116067 |
| 32.4727546 | 32.67403 | -117.1162 | 32.5743171 | 32.67402 | -117.115947 | 32.6823032 | 32.6742 | -117.116067 |
| 32.4729282 | 32.67403 | -117.1162 | 32.5755208 | 32.67403 | -117.115933 | 32.6824769 | 32.6742 | -117.116067 |
| 32.4731019 | 32.67403 | -117.1162 | 32.5756944 | 32.67403 | -117.115933 | 32.6826505 | 32.6742 | -117.116067 |
| 32.4732755 | 32.67403 | -117.1162 | 32.5758681 | 32.67403 | -117.115933 | 32.6828241 | 32.6742 | -117.116067 |
| 32.4734491 | 32.67403 | -117.1162 | 32.5760417 | 32.67404 | -117.115933 | 32.6829977 | 32.6742 | -117.116067 |
| 32.4736227 | 32.67403 | -117.1162 | 32.5762153 | 32.67404 | -117.115933 | 32.6831713 | 32.6742 | -117.116067 |
| 32.4737847 | 32.67403 | -117.1162 | 32.5764005 | 32.67404 | -117.115933 | 32.6847338 | 32.6742 | -117.116067 |
| 32.4739699 | 32.67403 | -117.1162 | 32.5765741 | 32.67404 | -117.115933 | 32.6849769 | 32.6742 | -117.116067 |
| 32.4741435 | 32.67403 | -117.1162 | 32.5767477 | 32.67404 | -117.115933 | 32.685081 | 32.6742 | -117.116067 |
| 32.4743287 | 32.67403 | -117.1162 | 32.5769213 | 32.67404 | -117.115933 | 32.6852546 | 32.6742 | -117.116067 |
| 32.4744792 | 32.67403 | -117.1162 | 32.5770949 | 32.67406 | -117.11592 | 32.6854282 | 32.6742 | -117.116067 |
| 32.4746644 | 32.67403 | -117.1162 | 32.5772569 | 32.6741 | -117.11588 | 32.6856019 | 32.6742 | -117.116067 |
| 32.474838 | 32.67403 | -117.1162 | 32.5774306 | 32.67412 | -117.11588 | 32.6857755 | 32.6742 | -117.116067 |
| 32.4753472 | 32.67403 | -117.1162 | 32.577662 | 32.67416 | -117.115853 | 32.6859491 | 32.6742 | -117.116067 |
| 32.4755556 | 32.67403 | -117.1162 | 32.5777894 | 32.67416 | -117.115853 | 32.6861227 | 32.6742 | -117.116067 |
| 32.475706 | 32.67403 | -117.1162 | 32.577963 | 32.67417 | -117.115853 | 32.6862963 | 32.6742 | -117.116067 |
| 32.4758681 | 32.67403 | -117.1162 | 32.578125 | 32.67417 | -117.115853 | 32.6864699 | 32.6742 | -117.116067 |
| 32.4760417 | 32.67403 | -117.1162 | 32.5782986 | 32.67417 | -117.115853 | 32.6866435 | 32.6742 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4762153 | 32.67403 | -117.1162 | 32.5784838 | 32.67417 | -117.115853 | 32.6868171 | 32.6742 | -117.116067 |
| 32.4763889 | 32.67403 | -117.1162 | 32.5786574 | 32.67417 | -117.115853 | 32.6869907 | 32.6742 | -117.116067 |
| 32.4765741 | 32.67403 | -117.1162 | 32.5788542 | 32.67417 | -117.115853 | 32.6871644 | 32.6742 | -117.116067 |
| 32.4767477 | 32.67403 | -117.1162 | 32.5793866 | 32.67417 | -117.115853 | 32.687338 | 32.6742 | -117.116067 |
| 32.4769213 | 32.67403 | -117.1162 | 32.5795139 | 32.67417 | -117.115853 | 32.6875116 | 32.6742 | -117.116067 |
| 32.4771065 | 32.67403 | -117.1162 | 32.5796875 | 32.67417 | -117.115853 | 32.6876852 | 32.6742 | -117.116067 |
| 32.4772569 | 32.67403 | -117.1162 | 32.5798611 | 32.67417 | -117.115853 | 32.6878588 | 32.6742 | -117.116067 |
| 32.4774306 | 32.67403 | -117.1162 | 32.5800463 | 32.67417 | -117.115853 | 32.6889352 | 32.6742 | -117.116067 |
| 32.4776157 | 32.67403 | -117.1162 | 32.5802199 | 32.67417 | -117.11584 | 32.6890625 | 32.6742 | -117.116067 |
| 32.4777894 | 32.67403 | -117.1162 | 32.5804514 | 32.67417 | -117.11584 | 32.6892361 | 32.6742 | -117.116067 |
| 32.4779514 | 32.67403 | -117.116213 | 32.5805556 | 32.67417 | -117.11584 | 32.6894097 | 32.6742 | -117.116067 |
| 32.478125 | 32.67403 | -117.116213 | 32.580787 | 32.67417 | -117.11584 | 32.6895949 | 32.6742 | -117.116067 |
| 32.4783102 | 32.67403 | -117.116213 | 32.5809144 | 32.67418 | -117.11584 | 32.6897685 | 32.6742 | -117.116067 |
| 32.4784838 | 32.67403 | -117.116213 | 32.581088 | 32.6742 | -117.115853 | 32.6899421 | 32.6742 | -117.116067 |
| 32.4786574 | 32.67403 | -117.116213 | 32.5812616 | 32.67419 | -117.115853 | 32.6901157 | 32.6742 | -117.116067 |
| 32.4791667 | 32.67403 | -117.116213 | 32.5814236 | 32.67418 | -117.115867 | 32.6902894 | 32.6742 | -117.116067 |
| 32.4794329 | 32.67403 | -117.116213 | 32.5815972 | 32.67417 | -117.115867 | 32.690463 | 32.6742 | -117.116067 |
| 32.4795139 | 32.67403 | -117.116213 | 32.5817824 | 32.67414 | -117.115867 | 32.6906366 | 32.6742 | -117.116067 |
| 32.4796875 | 32.67403 | -117.116213 | 32.581956 | 32.67412 | -117.115867 | 32.6908102 | 32.6742 | -117.116067 |
| 32.4798727 | 32.67402 | -117.116213 | 32.5821296 | 32.67409 | -117.11588 | 32.6909838 | 32.6742 | -117.116067 |
| 32.4800463 | 32.67402 | -117.116213 | 32.5823032 | 32.67407 | -117.11588 | 32.6911574 | 32.6742 | -117.116067 |
| 32.4802199 | 32.67402 | -117.116213 | 32.5824653 | 32.67405 | -117.11592 | 32.691331 | 32.6742 | -117.116067 |
| 32.4803935 | 32.67402 | -117.116213 | 32.5826389 | 32.67404 | -117.115947 | 32.6915046 | 32.6742 | -117.116067 |
| 32.4805671 | 32.67402 | -117.116213 | 32.5833449 | 32.67405 | -117.115933 | 32.6916782 | 32.6742 | -117.116067 |
| 32.4807407 | 32.67402 | -117.116213 | 32.5835069 | 32.67405 | -117.115933 | 32.6918519 | 32.6742 | -117.116067 |
| 32.4809144 | 32.67402 | -117.116213 | 32.5836806 | 32.67406 | -117.115933 | 32.6920255 | 32.6742 | -117.116067 |
| 32.481088 | 32.67402 | -117.116213 | 32.5838773 | 32.67406 | -117.115933 | 32.6921991 | 32.6742 | -117.116067 |
| 32.4812616 | 32.67402 | -117.116213 | 32.5840394 | 32.67406 | -117.115933 | 32.6927083 | 32.6742 | -117.116067 |
| 32.4814236 | 32.67402 | -117.116227 | 32.584213 | 32.67406 | -117.115933 | 32.6928819 | 32.6742 | -117.11608 |
| 32.4815972 | 32.67402 | -117.116227 | 32.5843866 | 32.67407 | -117.115933 | 32.6930556 | 32.6742 | -117.11608 |
| 32.4817824 | 32.67402 | -117.116227 | 32.5845602 | 32.67408 | -117.11592 | 32.6932292 | 32.6742 | -117.11608 |
| 32.481956 | 32.67402 | -117.116227 | 32.5847454 | 32.67408 | -117.11592 | 32.6934028 | 32.6742 | -117.11608 |
| 32.4821296 | 32.67402 | -117.116227 | 32.5848958 | 32.67408 | -117.11592 | 32.693588 | 32.6742 | -117.11608 |
| 32.4823032 | 32.67402 | -117.116227 | 32.5850694 | 32.67408 | -117.11592 | 32.6937616 | 32.6742 | -117.11608 |
| 32.4824884 | 32.67402 | -117.116227 | 32.5852546 | 32.67408 | -117.11592 | 32.6939352 | 32.6742 | -117.11608 |
| 32.4831713 | 32.67402 | -117.11624 | 32.585463 | 32.67408 | -117.11592 | 32.6940972 | 32.6742 | -117.11608 |
| 32.4833449 | 32.67402 | -117.116253 | 32.5855903 | 32.67408 | -117.11592 | 32.6942708 | 32.6742 | -117.11608 |
| 32.4835301 | 32.67402 | -117.116253 | 32.5857639 | 32.67408 | -117.11592 | 32.6944444 | 32.6742 | -117.11608 |
| 32.4836806 | 32.67402 | -117.116253 | 32.5859954 | 32.67408 | -117.115907 | 32.6946181 | 32.6742 | -117.11608 |
| 32.4838542 | 32.67402 | -117.116253 | 32.5862037 | 32.67408 | -117.115907 | 32.6948032 | 32.6742 | -117.11608 |
| 32.4840278 | 32.67402 | -117.116253 | 32.5862847 | 32.67408 | -117.115907 | 32.6949769 | 32.6742 | -117.116067 |
| 32.4842014 | 32.67402 | -117.116253 | 32.5864583 | 32.67408 | -117.115907 | 32.6951505 | 32.6742 | -117.116067 |
| 32.4843866 | 32.67402 | -117.116253 | 32.5866319 | 32.67409 | -117.115907 | 32.6953241 | 32.6742 | -117.116067 |
| 32.4845602 | 32.67402 | -117.116253 | 32.5883796 | 32.67411 | -117.115853 | 32.6954977 | 32.6742 | -117.116067 |
| 32.4847338 | 32.67402 | -117.116253 | 32.5885532 | 32.6741 | -117.11584 | 32.6956597 | 32.6742 | -117.116067 |
| 32.4848958 | 32.67402 | -117.116253 | 32.5887153 | 32.67408 | -117.11584 | 32.6958333 | 32.6742 | -117.116067 |
| 32.4850694 | 32.67402 | -117.116253 | 32.5888889 | 32.67407 | -117.115853 | 32.6960069 | 32.6742 | -117.116067 |
| 32.4852431 | 32.67402 | -117.116253 | 32.5890625 | 32.67407 | -117.115867 | 32.6965394 | 32.6742 | -117.116067 |
| 32.4854167 | 32.67402 | -117.116253 | 32.5892477 | 32.67406 | -117.115867 | 32.696713 | 32.6742 | -117.116067 |
| 32.4855903 | 32.67402 | -117.116253 | 32.5894213 | 32.67404 | -117.11588 | 32.6968866 | 32.6742 | -117.116067 |
| 32.4857639 | 32.67402 | -117.116253 | 32.5895949 | 32.67404 | -117.11588 | 32.6970602 | 32.6742 | -117.116067 |
| 32.4859491 | 32.67402 | -117.116253 | 32.5897685 | 32.67403 | -117.115907 | 32.6972338 | 32.6742 | -117.116067 |
| 32.4861227 | 32.67402 | -117.116253 | 32.5899421 | 32.67405 | -117.11592 | 32.6974074 | 32.6742 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4862963 | 32.67402 | -117.116253 | 32.5901157 | 32.67405 | -117.115947 | 32.697581 | 32.6742 | -117.116067 |
| 32.4869907 | 32.67402 | -117.116253 | 32.5902894 | 32.67405 | -117.115987 | 32.6977546 | 32.6742 | -117.116067 |
| 32.4871644 | 32.67402 | -117.116253 | 32.590463 | 32.67406 | -117.115987 | 32.6979167 | 32.6742 | -117.116067 |
| 32.487338 | 32.67402 | -117.116253 | 32.590625 | 32.67406 | -117.115987 | 32.6980903 | 32.6742 | -117.116067 |
| 32.4875116 | 32.67402 | -117.116253 | 32.5907986 | 32.67408 | -117.115987 | 32.6982639 | 32.6742 | -117.116067 |
| 32.4876852 | 32.67402 | -117.116253 | 32.5909722 | 32.67408 | -117.115987 | 32.6984375 | 32.6742 | -117.116067 |
| 32.4878588 | 32.67402 | -117.116253 | 32.5911574 | 32.67408 | -117.115987 | 32.6986574 | 32.6742 | -117.116067 |
| 32.4880324 | 32.67402 | -117.116253 | 32.5913194 | 32.67408 | -117.115987 | 32.6987963 | 32.6742 | -117.116067 |
| 32.488206 | 32.67402 | -117.116253 | 32.5914931 | 32.67409 | -117.115987 | 32.6989699 | 32.6742 | -117.116067 |
| 32.4883796 | 32.67402 | -117.116253 | 32.5916667 | 32.67409 | -117.115987 | 32.6991435 | 32.6742 | -117.116067 |
| 32.4885532 | 32.67402 | -117.116253 | 32.5927083 | 32.67409 | -117.115987 | 32.6993171 | 32.6742 | -117.116067 |
| 32.4887153 | 32.67402 | -117.116253 | 32.5928819 | 32.67409 | -117.115987 | 32.6994907 | 32.6742 | -117.116067 |
| 32.4888889 | 32.67402 | -117.116253 | 32.5931482 | 32.67409 | -117.115987 | 32.6996644 | 32.6742 | -117.116067 |
| 32.4890625 | 32.67402 | -117.116253 | 32.5932292 | 32.67409 | -117.115987 | 32.699838 | 32.6742 | -117.116067 |

DrEx 110

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3617593 | 32.674080 | -117.115973 | 32.4708449 | 32.67278 | -117.116547 | 32.5779051 | 32.67268 | -117.116733 |
| 32.3618403 | 32.674083 | -117.115947 | 32.4710069 | 32.67278 | -117.116547 | 32.5779861 | 32.67268 | -117.116733 |
| 32.3620139 | 32.674090 | -117.115947 | 32.4711806 | 32.67278 | -117.116547 | 32.5781366 | 32.67268 | -117.116733 |
| 32.3621528 | 32.674090 | -117.115973 | 32.4713542 | 32.67278 | -117.116547 | 32.5782986 | 32.67268 | -117.116733 |
| 32.3623264 | 32.674090 | -117.115973 | 32.4715394 | 32.67278 | -117.116547 | 32.5784722 | 32.67268 | -117.116733 |
| 32.3625000 | 32.674080 | -117.115947 | 32.471713 | 32.67278 | -117.116547 | 32.5786458 | 32.67268 | -117.116733 |
| 32.3626736 | 32.674073 | -117.115947 | 32.471875 | 32.67278 | -117.116547 | 32.5788194 | 32.67268 | -117.116733 |
| 32.3628472 | 32.674067 | -117.115947 | 32.4720486 | 32.67278 | -117.116547 | 32.5793519 | 32.67268 | -117.116733 |
| 32.3630208 | 32.674073 | -117.115947 | 32.4722338 | 32.67278 | -117.116547 | 32.5795139 | 32.67268 | -117.116733 |
| 32.3631944 | 32.674073 | -117.115947 | 32.4724074 | 32.67278 | -117.116547 | 32.5796875 | 32.67268 | -117.116733 |
| 32.3633796 | 32.674073 | -117.115947 | 32.4725694 | 32.67278 | -117.116547 | 32.5798611 | 32.67268 | -117.116733 |
| 32.3635532 | 32.674073 | -117.115947 | 32.4728009 | 32.67278 | -117.116547 | 32.5800347 | 32.67268 | -117.116733 |
| 32.3637269 | 32.674067 | -117.115947 | 32.4729282 | 32.67278 | -117.116547 | 32.5802083 | 32.67268 | -117.116733 |
| 32.3639005 | 32.674067 | -117.115947 | 32.4744907 | 32.67278 | -117.116547 | 32.5803819 | 32.67268 | -117.116733 |
| 32.3640741 | 32.674067 | -117.115947 | 32.4746644 | 32.67278 | -117.116547 | 32.5805671 | 32.67268 | -117.116733 |
| 32.3642477 | 32.674067 | -117.115947 | 32.474919 | 32.67278 | -117.116547 | 32.5807407 | 32.67268 | -117.116733 |
| 32.3644213 | 32.674067 | -117.115947 | 32.4751157 | 32.67278 | -117.116547 | 32.5809028 | 32.67268 | -117.116733 |
| 32.3645949 | 32.674067 | -117.115947 | 32.4751968 | 32.67278 | -117.116547 | 32.5810764 | 32.67268 | -117.116733 |
| 32.3647685 | 32.674067 | -117.115947 | 32.4753588 | 32.67278 | -117.116547 | 32.58125 | 32.67268 | -117.116733 |
| 32.3649421 | 32.674067 | -117.115947 | 32.4755324 | 32.67278 | -117.116547 | 32.5814352 | 32.67268 | -117.11672 |
| 32.3654745 | 32.674063 | -117.115973 | 32.475706 | 32.67278 | -117.116547 | 32.5816088 | 32.67268 | -117.11672 |
| 32.3656250 | 32.674063 | -117.115973 | 32.4758796 | 32.67278 | -117.116547 | 32.5817708 | 32.67269 | -117.11672 |
| 32.3657986 | 32.674063 | -117.115973 | 32.4760532 | 32.67278 | -117.116547 | 32.5819444 | 32.67269 | -117.11672 |
| 32.3659838 | 32.674060 | -117.115973 | 32.4762963 | 32.67278 | -117.116547 | 32.5821296 | 32.67269 | -117.11672 |
| 32.3661574 | 32.674060 | -117.115973 | 32.4764005 | 32.67278 | -117.116547 | 32.5823032 | 32.67269 | -117.11672 |
| 32.3663310 | 32.674043 | -117.115973 | 32.4765741 | 32.67278 | -117.116533 | 32.5824769 | 32.67269 | -117.11672 |
| 32.3665046 | 32.674030 | -117.115973 | 32.4767361 | 32.67278 | -117.116533 | 32.5827431 | 32.67269 | -117.11672 |
| 32.3666782 | 32.674030 | -117.115973 | 32.4769097 | 32.67278 | -117.116533 | 32.5833449 | 32.6727 | -117.11672 |
| 32.3668519 | 32.674030 | -117.115973 | 32.4772222 | 32.67279 | -117.116533 | 32.5835185 | 32.6727 | -117.11672 |
| 32.3670255 | 32.674030 | -117.115973 | 32.4774306 | 32.67279 | -117.116533 | 32.5836921 | 32.6727 | -117.11672 |
| 32.3671991 | 32.674030 | -117.115973 | 32.4776042 | 32.67279 | -117.116533 | 32.5839352 | 32.6727 | -117.11672 |
| 32.3673611 | 32.674027 | -117.115973 | 32.4777778 | 32.67279 | -117.116533 | 32.5840394 | 32.6727 | -117.11672 |
| 32.3676042 | 32.674027 | -117.115973 | 32.4782986 | 32.67279 | -117.116533 | 32.584213 | 32.6727 | -117.11672 |
| 32.3677199 | 32.674027 | -117.115973 | 32.4784722 | 32.67279 | -117.116533 | 32.5843866 | 32.67271 | -117.11672 |
| 32.3678935 | 32.674023 | -117.115973 | 32.4786574 | 32.67279 | -117.116533 | 32.5846181 | 32.67271 | -117.11672 |
| 32.3680671 | 32.674023 | -117.115973 | 32.4789583 | 32.67279 | -117.116533 | 32.5847222 | 32.67271 | -117.11672 |
| 32.3682292 | 32.674017 | -117.115973 | 32.4791782 | 32.67279 | -117.116533 | 32.5848958 | 32.67271 | -117.11672 |
| 32.3684375 | 32.674007 | -117.115987 | 32.4793519 | 32.67279 | -117.116533 | 32.5850694 | 32.67271 | -117.116693 |
| 32.3685880 | 32.673993 | -117.115987 | 32.4795833 | 32.6728 | -117.116533 | 32.5852546 | 32.67271 | -117.116693 |
| 32.3687616 | 32.673983 | -117.115987 | 32.4796875 | 32.6728 | -117.116533 | 32.5854282 | 32.67271 | -117.116693 |
| 32.3698032 | 32.673960 | -117.116000 | 32.4798611 | 32.6728 | -117.116533 | 32.5856019 | 32.67271 | -117.116693 |
| 32.3699769 | 32.673937 | -117.116000 | 32.4800463 | 32.6728 | -117.116533 | 32.5857755 | 32.67271 | -117.116693 |
| 32.3701505 | 32.673937 | -117.116000 | 32.4802199 | 32.6728 | -117.116533 | 32.5860069 | 32.67272 | -117.11668 |
| 32.3703241 | 32.673937 | -117.116000 | 32.4803935 | 32.6728 | -117.116533 | 32.5861111 | 32.67273 | -117.11668 |
| 32.3704977 | 32.673937 | -117.116000 | 32.4805671 | 32.6728 | -117.116533 | 32.5862847 | 32.67273 | -117.11668 |
| 32.3706597 | 32.673927 | -117.116013 | 32.4808102 | 32.6728 | -117.116533 | 32.5864583 | 32.67273 | -117.11668 |
| 32.3708333 | 32.673927 | -117.116013 | 32.4809028 | 32.6728 | -117.116533 | 32.5870139 | 32.67273 | -117.11668 |
| 32.3710069 | 32.673923 | -117.116013 | 32.4810764 | 32.6728 | -117.116533 | 32.5871644 | 32.67273 | -117.11668 |
| 32.3711806 | 32.673913 | -117.116013 | 32.4812616 | 32.6728 | -117.116533 | 32.587338 | 32.67273 | -117.11668 |
| 32.3713657 | 32.673913 | -117.116013 | 32.4814352 | 32.6728 | -117.116533 | 32.5875116 | 32.67273 | -117.11668 |
| 32.3715394 | 32.673910 | -117.116013 | 32.4816435 | 32.6728 | -117.116533 | 32.5876852 | 32.67274 | -117.11668 |
| 32.3717130 | 32.673910 | -117.116013 | 32.4817708 | 32.6728 | -117.116533 | 32.5878472 | 32.67274 | -117.11668 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3718866 | 32.673907 | -117.116013 | 32.4823032 | 32.6728 | -117.116533 | 32.5880208 | 32.67274 | -117.11668 |
| 32.3720602 | 32.673907 | -117.116013 | 32.4824769 | 32.6728 | -117.116533 | 32.5881944 | 32.67275 | -117.116667 |
| 32.3722338 | 32.673887 | -117.116027 | 32.4826505 | 32.6728 | -117.116533 | 32.5883681 | 32.67275 | -117.116667 |
| 32.3724074 | 32.673857 | -117.116027 | 32.4828819 | 32.6728 | -117.116533 | 32.5885532 | 32.67275 | -117.116667 |
| 32.3725694 | 32.673840 | -117.116053 | 32.4829861 | 32.6728 | -117.116533 | 32.5887269 | 32.67276 | -117.116667 |
| 32.3727431 | 32.673797 | -117.116053 | 32.4831597 | 32.6728 | -117.116533 | 32.5889005 | 32.67276 | -117.116667 |
| 32.3729167 | 32.673780 | -117.116053 | 32.4833333 | 32.6728 | -117.116533 | 32.5890625 | 32.67276 | -117.116667 |
| 32.3731019 | 32.673753 | -117.116067 | 32.4835069 | 32.6728 | -117.116533 | 32.5892361 | 32.67276 | -117.116667 |
| 32.3758681 | 32.673713 | -117.116080 | 32.4836806 | 32.6728 | -117.116533 | 32.5894213 | 32.67276 | -117.116667 |
| 32.3760417 | 32.673713 | -117.116080 | 32.4838542 | 32.6728 | -117.116533 | 32.5895949 | 32.67276 | -117.116667 |
| 32.3762153 | 32.673713 | -117.116080 | 32.4840394 | 32.6728 | -117.116533 | 32.5897569 | 32.67276 | -117.116667 |
| 32.3764005 | 32.673710 | -117.116080 | 32.484213 | 32.6728 | -117.116533 | 32.5899306 | 32.67276 | -117.116667 |
| 32.3765625 | 32.673710 | -117.116080 | 32.4843866 | 32.6728 | -117.116533 | 32.590162 | 32.67277 | -117.116653 |
| 32.3767361 | 32.673710 | -117.116080 | 32.4846181 | 32.67281 | -117.116533 | 32.5902894 | 32.67279 | -117.11664 |
| 32.3769097 | 32.673710 | -117.116080 | 32.4847222 | 32.67281 | -117.116533 | 32.5910417 | 32.67284 | -117.116587 |
| 32.3770833 | 32.673707 | -117.116080 | 32.4849074 | 32.67281 | -117.116533 | 32.5911458 | 32.67285 | -117.116573 |
| 32.3772685 | 32.673707 | -117.116080 | 32.485081 | 32.67281 | -117.116533 | 32.5914236 | 32.67284 | -117.116573 |
| 32.3774421 | 32.673707 | -117.116080 | 32.4852431 | 32.67281 | -117.116533 | 32.5915046 | 32.67284 | -117.116547 |
| 32.3776620 | 32.673707 | -117.116080 | 32.4854167 | 32.67281 | -117.116533 | 32.5916667 | 32.67284 | -117.116547 |
| 32.3779051 | 32.673703 | -117.116107 | 32.4859375 | 32.67281 | -117.116533 | 32.5918403 | 32.67285 | -117.116547 |
| 32.3779861 | 32.673697 | -117.116107 | 32.4861111 | 32.67281 | -117.116533 | 32.5920139 | 32.67285 | -117.116547 |
| 32.3781597 | 32.673690 | -117.116107 | 32.4862847 | 32.67281 | -117.116533 | 32.5921991 | 32.67285 | -117.116547 |
| 32.3782986 | 32.673690 | -117.116107 | 32.4864815 | 32.67281 | -117.116533 | 32.5924074 | 32.67285 | -117.116547 |
| 32.3785069 | 32.673687 | -117.116107 | 32.4866319 | 32.67281 | -117.116533 | 32.5925347 | 32.67285 | -117.116547 |
| 32.3786806 | 32.673687 | -117.116107 | 32.4868056 | 32.67281 | -117.116533 | 32.5927199 | 32.67285 | -117.116547 |
| 32.3788194 | 32.673680 | -117.116133 | 32.4869907 | 32.67281 | -117.116533 | 32.5928935 | 32.67285 | -117.116547 |
| 32.3789931 | 32.673680 | -117.116133 | 32.4871644 | 32.67281 | -117.116533 | 32.5930671 | 32.67285 | -117.116547 |
| 32.3795139 | 32.673673 | -117.116133 | 32.487338 | 32.67281 | -117.116533 | 32.5932407 | 32.67285 | -117.116547 |
| 32.3796875 | 32.673670 | -117.116133 | 32.4875 | 32.67281 | -117.116533 | 32.5934144 | 32.67285 | -117.116547 |
| 32.3798611 | 32.673670 | -117.116147 | 32.4876736 | 32.67281 | -117.116533 | 32.5935764 | 32.67285 | -117.116547 |
| 32.3800463 | 32.673667 | -117.116147 | 32.4878472 | 32.67281 | -117.116533 | 32.59375 | 32.67286 | -117.116547 |
| 32.3802199 | 32.673667 | -117.116147 | 32.4880324 | 32.67281 | -117.116547 | 32.5939352 | 32.67286 | -117.116547 |
| 32.3803935 | 32.673667 | -117.116147 | 32.488206 | 32.67281 | -117.116547 | 32.5941088 | 32.67287 | -117.116533 |
| 32.3805556 | 32.673667 | -117.116147 | 32.4883681 | 32.67281 | -117.116547 | 32.5943866 | 32.67287 | -117.116533 |
| 32.3807292 | 32.673660 | -117.116160 | 32.4885417 | 32.67281 | -117.116547 | 32.5963657 | 32.67288 | -117.116533 |
| 32.3809028 | 32.673660 | -117.116160 | 32.4887153 | 32.67281 | -117.116547 | 32.5965741 | 32.67288 | -117.116533 |
| 32.3811690 | 32.673657 | -117.116160 | 32.4888889 | 32.67282 | -117.116547 | 32.5967014 | 32.67288 | -117.116533 |
| 32.3812732 | 32.673657 | -117.116160 | 32.4890625 | 32.67282 | -117.116547 | 32.596875 | 32.67288 | -117.116533 |
| 32.3814352 | 32.673653 | -117.116173 | 32.4892361 | 32.67282 | -117.116547 | 32.5970486 | 32.67289 | -117.116533 |
| 32.3816088 | 32.673653 | -117.116173 | 32.4897685 | 32.67284 | -117.116547 | 32.5972569 | 32.67289 | -117.116533 |
| 32.3817824 | 32.673653 | -117.116173 | 32.4899421 | 32.67284 | -117.116547 | 32.5974074 | 32.6729 | -117.11652 |
| 32.3819560 | 32.673653 | -117.116200 | 32.4901042 | 32.67284 | -117.116547 | 32.5975694 | 32.67291 | -117.11652 |
| 32.3821296 | 32.673650 | -117.116200 | 32.4903241 | 32.67284 | -117.116547 | 32.5977431 | 32.67291 | -117.11652 |
| 32.3823032 | 32.673650 | -117.116200 | 32.4904514 | 32.67284 | -117.116547 | 32.5979167 | 32.67291 | -117.11652 |
| 32.3824769 | 32.673650 | -117.116200 | 32.490625 | 32.67284 | -117.116547 | 32.5981482 | 32.67291 | -117.11652 |
| 32.3826505 | 32.673647 | -117.116200 | 32.4908102 | 32.67284 | -117.116547 | 32.5982755 | 32.67291 | -117.11652 |
| 32.3828241 | 32.673633 | -117.116213 | 32.4909838 | 32.67284 | -117.116547 | 32.5985069 | 32.6729 | -117.11652 |
| 32.3850694 | 32.673610 | -117.116253 | 32.4911574 | 32.67284 | -117.116547 | 32.5986111 | 32.6729 | -117.11652 |
| 32.3852431 | 32.673603 | -117.116253 | 32.491331 | 32.67284 | -117.116547 | 32.5987847 | 32.67291 | -117.11652 |
| 32.3854630 | 32.673603 | -117.116253 | 32.4915046 | 32.67284 | -117.116547 | 32.5989583 | 32.67291 | -117.11652 |
| 32.3856019 | 32.673603 | -117.116253 | 32.4916782 | 32.67284 | -117.116547 | 32.5991435 | 32.6729 | -117.11652 |
| 32.3857755 | 32.673600 | -117.116253 | 32.4918519 | 32.67285 | -117.116547 | 32.5993171 | 32.67292 | -117.11652 |
| 32.3859491 | 32.673600 | -117.116253 | 32.4920255 | 32.67285 | -117.116547 | 32.5994907 | 32.67292 | -117.11652 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3861227 | 32.673600 | -117.116280 | 32.4921875 | 32.67285 | -117.116547 | 32.5996644 | 32.67294 | -117.116507 |
| 32.3862963 | 32.673587 | -117.116293 | 32.4923611 | 32.67285 | -117.116547 | 32.6001736 | 32.67295 | -117.116507 |
| 32.3864583 | 32.673587 | -117.116307 | 32.4925347 | 32.67285 | -117.116547 | 32.6003588 | 32.67296 | -117.116507 |
| 32.3866319 | 32.673587 | -117.116307 | 32.4927083 | 32.67285 | -117.116547 | 32.6005324 | 32.67297 | -117.116493 |
| 32.3868056 | 32.673583 | -117.116307 | 32.4928935 | 32.67285 | -117.116547 | 32.600706 | 32.67297 | -117.116493 |
| 32.3869792 | 32.673583 | -117.116320 | 32.4930671 | 32.67285 | -117.116573 | 32.6008681 | 32.67297 | -117.116467 |
| 32.3871528 | 32.673583 | -117.116320 | 32.4942708 | 32.67285 | -117.116587 | 32.6010417 | 32.67298 | -117.116467 |
| 32.3873264 | 32.673573 | -117.116347 | 32.4944444 | 32.67285 | -117.116587 | 32.6012153 | 32.67299 | -117.116467 |
| 32.3875000 | 32.673573 | -117.116347 | 32.4946296 | 32.67285 | -117.116587 | 32.6013889 | 32.673 | -117.116453 |
| 32.3876852 | 32.673567 | -117.116347 | 32.494838 | 32.67285 | -117.116587 | 32.6015741 | 32.67299 | -117.116453 |
| 32.3878588 | 32.673567 | -117.116347 | 32.4949653 | 32.67285 | -117.116587 | 32.6017477 | 32.673 | -117.116453 |
| 32.3880324 | 32.673567 | -117.116347 | 32.4951389 | 32.67285 | -117.116587 | 32.6019213 | 32.673 | -117.116453 |
| 32.3882060 | 32.673563 | -117.116347 | 32.4953125 | 32.67285 | -117.116587 | 32.6020949 | 32.673 | -117.116453 |
| 32.3897569 | 32.673550 | -117.116360 | 32.4954861 | 32.67285 | -117.116587 | 32.6022685 | 32.673 | -117.116453 |
| 32.3899306 | 32.673540 | -117.116387 | 32.4956597 | 32.67285 | -117.116587 | 32.6024421 | 32.673 | -117.116453 |
| 32.3901157 | 32.673540 | -117.116387 | 32.4958449 | 32.67285 | -117.1166 | 32.6026042 | 32.673 | -117.116453 |
| 32.3903125 | 32.673537 | -117.116387 | 32.4960069 | 32.67285 | -117.1166 | 32.6027778 | 32.673 | -117.116427 |
| 32.3904630 | 32.673537 | -117.116387 | 32.4961806 | 32.67285 | -117.1166 | 32.6029514 | 32.67301 | -117.1164 |
| 32.3906366 | 32.673537 | -117.116387 | 32.4963889 | 32.67285 | -117.1166 | 32.6031366 | 32.67302 | -117.1164 |
| 32.3908681 | 32.673523 | -117.116400 | 32.4965394 | 32.67285 | -117.1166 | 32.6033102 | 32.67302 | -117.1164 |
| 32.3909722 | 32.673513 | -117.116400 | 32.496713 | 32.67285 | -117.1166 | 32.6034838 | 32.67303 | -117.1164 |
| 32.3911458 | 32.673513 | -117.116400 | 32.496875 | 32.67285 | -117.1166 | 32.6043519 | 32.67303 | -117.116387 |
| 32.3913194 | 32.673513 | -117.116400 | 32.4970486 | 32.67285 | -117.1166 | 32.6045255 | 32.67303 | -117.116387 |
| 32.3914931 | 32.673513 | -117.116400 | 32.4972222 | 32.67285 | -117.1166 | 32.6046991 | 32.67303 | -117.116387 |
| 32.3916667 | 32.673513 | -117.116400 | 32.4973958 | 32.67285 | -117.116613 | 32.6048727 | 32.67303 | -117.116387 |
| 32.3918519 | 32.673510 | -117.116400 | 32.497581 | 32.67285 | -117.116613 | 32.6050463 | 32.67303 | -117.116387 |
| 32.3920255 | 32.673510 | -117.116400 | 32.499838 | 32.67285 | -117.11664 | 32.6052199 | 32.67304 | -117.116387 |
| 32.3921991 | 32.673493 | -117.116427 | 32.5000116 | 32.67285 | -117.11664 | 32.6053819 | 32.67304 | -117.116373 |
| 32.3923727 | 32.673490 | -117.116427 | 32.5001852 | 32.67285 | -117.11664 | 32.6055556 | 32.67305 | -117.116347 |
| 32.3925463 | 32.673490 | -117.116427 | 32.5003472 | 32.67285 | -117.11664 | 32.6057407 | 32.67306 | -117.116347 |
| 32.3927199 | 32.673487 | -117.116427 | 32.5005208 | 32.67285 | -117.11664 | 32.6059144 | 32.67306 | -117.116347 |
| 32.3928935 | 32.673487 | -117.116427 | 32.500706 | 32.67285 | -117.11664 | 32.606088 | 32.67306 | -117.116347 |
| 32.3930671 | 32.673483 | -117.116427 | 32.5008796 | 32.67285 | -117.11664 | 32.6062616 | 32.67306 | -117.116347 |
| 32.3950000 | 32.673447 | -117.116467 | 32.5010532 | 32.67285 | -117.116653 | 32.6064352 | 32.67307 | -117.116347 |
| 32.3951505 | 32.673440 | -117.116467 | 32.5012153 | 32.67285 | -117.116653 | 32.6066088 | 32.67307 | -117.116347 |
| 32.3953125 | 32.673440 | -117.116467 | 32.5013889 | 32.67285 | -117.116653 | 32.6068519 | 32.67307 | -117.116347 |
| 32.3954861 | 32.673440 | -117.116467 | 32.5015625 | 32.67285 | -117.116653 | 32.606956 | 32.67307 | -117.116347 |
| 32.3956944 | 32.673440 | -117.116467 | 32.5017477 | 32.67285 | -117.116653 | 32.6071296 | 32.67307 | -117.116347 |
| 32.3958449 | 32.673437 | -117.116467 | 32.5019213 | 32.67284 | -117.116653 | 32.6072917 | 32.67307 | -117.116347 |
| 32.3960185 | 32.673437 | -117.116467 | 32.5021644 | 32.67284 | -117.11668 | 32.6074653 | 32.67307 | -117.116347 |
| 32.3961806 | 32.673433 | -117.116467 | 32.5022917 | 32.67284 | -117.11668 | 32.6076389 | 32.67307 | -117.116347 |
| 32.3963542 | 32.673433 | -117.116467 | 32.5024421 | 32.67284 | -117.11668 | 32.6088657 | 32.67308 | -117.116347 |
| 32.3965278 | 32.673430 | -117.116467 | 32.5026157 | 32.67284 | -117.11668 | 32.6090394 | 32.67309 | -117.116347 |
| 32.3967130 | 32.673430 | -117.116467 | 32.5027894 | 32.67284 | -117.11668 | 32.609213 | 32.67309 | -117.116347 |
| 32.3968866 | 32.673427 | -117.116467 | 32.502963 | 32.67284 | -117.11668 | 32.6094213 | 32.67309 | -117.11632 |
| 32.3970602 | 32.673427 | -117.116467 | 32.5038426 | 32.67284 | -117.116693 | 32.6095486 | 32.67309 | -117.11632 |
| 32.3972338 | 32.673427 | -117.116467 | 32.5039931 | 32.67284 | -117.116693 | 32.6097222 | 32.67309 | -117.11632 |
| 32.3974074 | 32.673427 | -117.116467 | 32.5041782 | 32.67283 | -117.116693 | 32.6099074 | 32.6731 | -117.11632 |
| 32.3975810 | 32.673400 | -117.116467 | 32.5043519 | 32.67283 | -117.116693 | 32.610081 | 32.6731 | -117.11632 |
| 32.3977546 | 32.673397 | -117.116493 | 32.5045255 | 32.67283 | -117.116693 | 32.6103241 | 32.67311 | -117.116307 |
| 32.3979282 | 32.673397 | -117.116493 | 32.5046991 | 32.67283 | -117.116693 | 32.6104282 | 32.67311 | -117.116307 |
| 32.3981019 | 32.673393 | -117.116493 | 32.5048727 | 32.67283 | -117.116693 | 32.6105903 | 32.67314 | -117.116293 |
| 32.3982755 | 32.673393 | -117.116493 | 32.5050347 | 32.67283 | -117.116693 | 32.6108565 | 32.67313 | -117.116293 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3987963 | 32.673360 | -117.116493 | 32.5052083 | 32.67283 | -117.116693 | 32.6109375 | 32.67313 | -117.11628 |
| 32.3989699 | 32.673360 | -117.116493 | 32.5053935 | 32.67283 | -117.116693 | 32.6111227 | 32.67314 | -117.116253 |
| 32.3991319 | 32.673357 | -117.116493 | 32.5055671 | 32.67283 | -117.116693 | 32.6112963 | 32.67315 | -117.116253 |
| 32.3993056 | 32.673353 | -117.116493 | 32.5057407 | 32.67282 | -117.11672 | 32.6114699 | 32.67314 | -117.116253 |
| 32.3994792 | 32.673353 | -117.116493 | 32.5059144 | 32.67281 | -117.116733 | 32.6116319 | 32.67313 | -117.116253 |
| 32.3996528 | 32.673347 | -117.116493 | 32.506088 | 32.67281 | -117.116733 | 32.6118056 | 32.67313 | -117.116253 |
| 32.3998264 | 32.673347 | -117.116493 | 32.50625 | 32.67281 | -117.116733 | 32.6119792 | 32.67312 | -117.116253 |
| 32.4000000 | 32.673323 | -117.116493 | 32.5064236 | 32.67281 | -117.116733 | 32.6121528 | 32.67313 | -117.116253 |
| 32.4001736 | 32.673323 | -117.116493 | 32.5065972 | 32.67281 | -117.116733 | 32.6126852 | 32.67312 | -117.11624 |
| 32.4003472 | 32.673320 | -117.116493 | 32.5068056 | 32.67281 | -117.116733 | 32.6128588 | 32.67314 | -117.116213 |
| 32.4006134 | 32.673317 | -117.116493 | 32.506956 | 32.67281 | -117.116733 | 32.6131134 | 32.67313 | -117.116227 |
| 32.4006944 | 32.673317 | -117.116493 | 32.5071296 | 32.67281 | -117.116733 | 32.6131944 | 32.67313 | -117.116227 |
| 32.4009028 | 32.673310 | -117.116493 | 32.5076505 | 32.67281 | -117.116733 | 32.6133796 | 32.67312 | -117.116213 |
| 32.4010532 | 32.673310 | -117.116493 | 32.5078241 | 32.67281 | -117.116747 | 32.6135532 | 32.67312 | -117.116213 |
| 32.4012269 | 32.673310 | -117.116493 | 32.5079861 | 32.67281 | -117.116747 | 32.6137269 | 32.67312 | -117.116213 |
| 32.4014005 | 32.673310 | -117.116493 | 32.5081597 | 32.67281 | -117.116747 | 32.6139005 | 32.67311 | -117.116213 |
| 32.4015741 | 32.673307 | -117.116493 | 32.5083333 | 32.67281 | -117.116747 | 32.6140741 | 32.6731 | -117.116213 |
| 32.4017477 | 32.673307 | -117.116493 | 32.5085764 | 32.67281 | -117.116747 | 32.6142477 | 32.6731 | -117.116213 |
| 32.4019213 | 32.673303 | -117.116493 | 32.5086806 | 32.67281 | -117.116747 | 32.6144213 | 32.67309 | -117.1162 |
| 32.4020833 | 32.673303 | -117.116493 | 32.5088542 | 32.67281 | -117.116747 | 32.6145949 | 32.67309 | -117.1162 |
| 32.4026157 | 32.673297 | -117.116493 | 32.5090394 | 32.67281 | -117.116747 | 32.6148148 | 32.67308 | -117.1162 |
| 32.4027778 | 32.673297 | -117.116507 | 32.509213 | 32.67281 | -117.116747 | 32.6149421 | 32.67308 | -117.1162 |
| 32.4029514 | 32.673297 | -117.116507 | 32.5093866 | 32.67281 | -117.116747 | 32.6151042 | 32.67308 | -117.1162 |
| 32.4031250 | 32.673290 | -117.116507 | 32.5095949 | 32.67281 | -117.116747 | 32.6152778 | 32.67305 | -117.1162 |
| 32.4032986 | 32.673290 | -117.116507 | 32.5097222 | 32.67281 | -117.116747 | 32.615463 | 32.67305 | -117.1162 |
| 32.4034722 | 32.673287 | -117.116507 | 32.5098958 | 32.67281 | -117.11676 | 32.6156366 | 32.67305 | -117.1162 |
| 32.4036458 | 32.673287 | -117.116507 | 32.5100694 | 32.67281 | -117.11676 | 32.6158102 | 32.67303 | -117.116173 |
| 32.4038310 | 32.673283 | -117.116507 | 32.5102431 | 32.67281 | -117.11676 | 32.6159838 | 32.67303 | -117.1162 |
| 32.4040046 | 32.673280 | -117.116520 | 32.5104167 | 32.67281 | -117.11676 | 32.6175926 | 32.67298 | -117.11616 |
| 32.4042593 | 32.673273 | -117.116520 | 32.5105903 | 32.67281 | -117.11676 | 32.6177199 | 32.67299 | -117.116147 |
| 32.4043403 | 32.673273 | -117.116520 | 32.5107639 | 32.67281 | -117.11676 | 32.6178935 | 32.67298 | -117.116147 |
| 32.4045370 | 32.673273 | -117.116520 | 32.5109375 | 32.6728 | -117.11676 | 32.6180556 | 32.67298 | -117.116147 |
| 32.4047338 | 32.673273 | -117.116520 | 32.5125116 | 32.6728 | -117.116787 | 32.6182292 | 32.67298 | -117.116147 |
| 32.4048611 | 32.673270 | -117.116520 | 32.5126852 | 32.6728 | -117.116787 | 32.6184375 | 32.67297 | -117.116133 |
| 32.4050347 | 32.673267 | -117.116520 | 32.5128588 | 32.6728 | -117.116787 | 32.618588 | 32.67297 | -117.116147 |
| 32.4052083 | 32.673267 | -117.116520 | 32.5130324 | 32.6728 | -117.116787 | 32.61875 | 32.67296 | -117.11616 |
| 32.4053935 | 32.673263 | -117.116520 | 32.5132986 | 32.67279 | -117.116787 | 32.6189236 | 32.67296 | -117.11616 |
| 32.4055671 | 32.673263 | -117.116520 | 32.5133796 | 32.67279 | -117.116787 | 32.6191088 | 32.67295 | -117.1162 |
| 32.4057292 | 32.673260 | -117.116520 | 32.5135417 | 32.67279 | -117.116787 | 32.6192824 | 32.67294 | -117.116173 |
| 32.4059028 | 32.673260 | -117.116520 | 32.5137153 | 32.67279 | -117.1168 | 32.619456 | 32.67294 | -117.1162 |
| 32.4076389 | 32.673237 | -117.116533 | 32.5138889 | 32.67279 | -117.1168 | 32.6196181 | 32.67295 | -117.116147 |
| 32.4078125 | 32.673233 | -117.116533 | 32.5140625 | 32.67279 | -117.1168 | 32.6197917 | 32.67296 | -117.116107 |
| 32.4080324 | 32.673230 | -117.116533 | 32.5142361 | 32.67279 | -117.1168 | 32.6199653 | 32.67296 | -117.11608 |
| 32.4081713 | 32.673217 | -117.116547 | 32.5144097 | 32.67279 | -117.1168 | 32.6201389 | 32.67296 | -117.116067 |
| 32.4083449 | 32.673200 | -117.116547 | 32.5145949 | 32.67279 | -117.1168 | 32.6203125 | 32.67297 | -117.116053 |
| 32.4085648 | 32.673180 | -117.116573 | 32.5147685 | 32.67279 | -117.1168 | 32.6204861 | 32.67298 | -117.116027 |
| 32.4086921 | 32.673180 | -117.116573 | 32.515 | 32.67279 | -117.1168 | 32.6206597 | 32.67298 | -117.116027 |
| 32.4088657 | 32.673177 | -117.116573 | 32.5151042 | 32.67279 | -117.1168 | 32.6208333 | 32.67298 | -117.116027 |
| 32.4090394 | 32.673177 | -117.116573 | 32.5152778 | 32.67279 | -117.1168 | 32.6232639 | 32.67295 | -117.116053 |
| 32.4092014 | 32.673177 | -117.116587 | 32.5155324 | 32.67278 | -117.116813 | 32.6234491 | 32.67295 | -117.116053 |
| 32.4093750 | 32.673173 | -117.116587 | 32.5156366 | 32.67278 | -117.116813 | 32.6236227 | 32.67295 | -117.116053 |
| 32.4095486 | 32.673170 | -117.116587 | 32.5158102 | 32.67278 | -117.116813 | 32.6237963 | 32.67295 | -117.116053 |
| 32.4097569 | 32.673170 | -117.116587 | 32.5171991 | 32.67278 | -117.116813 | 32.6239583 | 32.67295 | -117.116027 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4099074 | 32.673163 | -117.116587 | 32.5173727 | 32.67278 | -117.116813 | 32.6241319 | 32.67295 | -117.116027 |
| 32.4100810 | 32.673163 | -117.116587 | 32.5175463 | 32.67278 | -117.116813 | 32.6243171 | 32.67295 | -117.116027 |
| 32.4102546 | 32.673163 | -117.116587 | 32.5177199 | 32.67278 | -117.116827 | 32.6244907 | 32.67295 | -117.116027 |
| 32.4104282 | 32.673160 | -117.116587 | 32.5178819 | 32.67277 | -117.116827 | 32.6246644 | 32.67295 | -117.116027 |
| 32.4106019 | 32.673160 | -117.116587 | 32.5180556 | 32.67277 | -117.116827 | 32.624838 | 32.67295 | -117.116027 |
| 32.4107755 | 32.673157 | -117.116587 | 32.5182292 | 32.67277 | -117.116827 | 32.6251042 | 32.67295 | -117.116027 |
| 32.4109375 | 32.673157 | -117.116587 | 32.5184028 | 32.67277 | -117.116827 | 32.6251852 | 32.67295 | -117.116027 |
| 32.4118171 | 32.673120 | -117.116613 | 32.5186458 | 32.67277 | -117.116827 | 32.6253588 | 32.67295 | -117.116027 |
| 32.4119907 | 32.673120 | -117.116640 | 32.51875 | 32.67277 | -117.116827 | 32.6255208 | 32.67295 | -117.116027 |
| 32.4121644 | 32.673117 | -117.116640 | 32.5189352 | 32.67277 | -117.116827 | 32.6256944 | 32.67295 | -117.116027 |
| 32.4123380 | 32.673113 | -117.116640 | 32.5191088 | 32.67277 | -117.11684 | 32.6258796 | 32.67295 | -117.116053 |
| 32.4125000 | 32.673113 | -117.116640 | 32.5192824 | 32.67277 | -117.11684 | 32.6260532 | 32.67295 | -117.116053 |
| 32.4126736 | 32.673113 | -117.116640 | 32.519456 | 32.67277 | -117.11684 | 32.6262269 | 32.67295 | -117.116053 |
| 32.4128472 | 32.673113 | -117.116640 | 32.5196296 | 32.67277 | -117.11684 | 32.6263889 | 32.67295 | -117.116053 |
| 32.4130324 | 32.673107 | -117.116640 | 32.5198032 | 32.67277 | -117.11684 | 32.6265625 | 32.67295 | -117.116053 |
| 32.4132060 | 32.673103 | -117.116640 | 32.5199769 | 32.67277 | -117.11684 | 32.628125 | 32.67295 | -117.116053 |
| 32.4134491 | 32.673080 | -117.116653 | 32.5201505 | 32.67277 | -117.11684 | 32.6283102 | 32.67295 | -117.116053 |
| 32.4135532 | 32.673077 | -117.116653 | 32.5203125 | 32.67277 | -117.11684 | 32.6284838 | 32.67295 | -117.116053 |
| 32.4137269 | 32.673077 | -117.116653 | 32.5204861 | 32.67276 | -117.11684 | 32.6286574 | 32.67294 | -117.116053 |
| 32.4139005 | 32.673077 | -117.116667 | 32.5232755 | 32.67275 | -117.116867 | 32.6288194 | 32.67294 | -117.116053 |
| 32.4140741 | 32.673077 | -117.116667 | 32.5234491 | 32.67275 | -117.116867 | 32.6289931 | 32.67294 | -117.116053 |
| 32.4142361 | 32.673070 | -117.116667 | 32.5237153 | 32.67275 | -117.116867 | 32.6291667 | 32.67294 | -117.116053 |
| 32.4144097 | 32.673070 | -117.116667 | 32.5238194 | 32.67275 | -117.116867 | 32.6293866 | 32.67294 | -117.116053 |
| 32.4145949 | 32.673067 | -117.116667 | 32.5239699 | 32.67275 | -117.116867 | 32.6295139 | 32.67294 | -117.116053 |
| 32.4147685 | 32.673067 | -117.116667 | 32.5241435 | 32.67275 | -117.116867 | 32.6296991 | 32.67294 | -117.116053 |
| 32.4149421 | 32.673067 | -117.116667 | 32.5243056 | 32.67275 | -117.116867 | 32.6298727 | 32.67294 | -117.116053 |
| 32.4151157 | 32.673063 | -117.116667 | 32.5244792 | 32.67275 | -117.116867 | 32.6300347 | 32.67294 | -117.116027 |
| 32.4156366 | 32.673060 | -117.116667 | 32.5246528 | 32.67275 | -117.116867 | 32.6302083 | 32.67293 | -117.116053 |
| 32.4158102 | 32.673057 | -117.116680 | 32.5248264 | 32.67275 | -117.11688 | 32.6303819 | 32.67294 | -117.116053 |
| 32.4160417 | 32.673057 | -117.116680 | 32.5250347 | 32.67275 | -117.11688 | 32.6305556 | 32.67294 | -117.116053 |
| 32.4161458 | 32.673057 | -117.116680 | 32.5251852 | 32.67275 | -117.11688 | 32.6307292 | 32.67294 | -117.116053 |
| 32.4163194 | 32.673057 | -117.116680 | 32.5253935 | 32.67274 | -117.11688 | 32.6309028 | 32.67293 | -117.116053 |
| 32.4164931 | 32.673057 | -117.116680 | 32.5255208 | 32.67274 | -117.11688 | 32.6310764 | 32.67294 | -117.116053 |
| 32.4167014 | 32.673050 | -117.116680 | 32.5256944 | 32.67274 | -117.11688 | 32.63125 | 32.67294 | -117.116053 |
| 32.4168519 | 32.673050 | -117.116680 | 32.5258681 | 32.67274 | -117.11688 | 32.6314352 | 32.67294 | -117.116053 |
| 32.4170255 | 32.673047 | -117.116680 | 32.5260417 | 32.67274 | -117.11688 | 32.6329861 | 32.67294 | -117.116053 |
| 32.4171875 | 32.673047 | -117.116680 | 32.5262153 | 32.67274 | -117.11688 | 32.6331713 | 32.67295 | -117.116053 |
| 32.4173611 | 32.673043 | -117.116680 | 32.5263889 | 32.67274 | -117.11688 | 32.6333449 | 32.67295 | -117.116053 |
| 32.4175810 | 32.673040 | -117.116693 | 32.5265625 | 32.67274 | -117.11688 | 32.6335185 | 32.67295 | -117.116053 |
| 32.4177083 | 32.673040 | -117.116693 | 32.5270949 | 32.67274 | -117.11688 | 32.6336921 | 32.67294 | -117.116053 |
| 32.4178819 | 32.673033 | -117.116693 | 32.5272685 | 32.67274 | -117.11688 | 32.6338542 | 32.67294 | -117.116053 |
| 32.4180556 | 32.673033 | -117.116693 | 32.5274421 | 32.67274 | -117.11688 | 32.6340278 | 32.67294 | -117.116053 |
| 32.4182292 | 32.673033 | -117.116693 | 32.5276157 | 32.67274 | -117.11688 | 32.6342014 | 32.67293 | -117.116053 |
| 32.4184028 | 32.673030 | -117.116693 | 32.5277894 | 32.67274 | -117.11688 | 32.6343866 | 32.67293 | -117.116053 |
| 32.4185764 | 32.673030 | -117.116693 | 32.527963 | 32.67274 | -117.11688 | 32.6345602 | 32.67293 | -117.116053 |
| 32.4187616 | 32.673027 | -117.116693 | 32.5281482 | 32.67274 | -117.11688 | 32.6347338 | 32.67293 | -117.116053 |
| 32.4189352 | 32.673023 | -117.116693 | 32.5282986 | 32.67274 | -117.11688 | 32.6348958 | 32.67293 | -117.116053 |
| 32.4196181 | 32.672983 | -117.116720 | 32.5284722 | 32.67274 | -117.11688 | 32.6350694 | 32.67293 | -117.116053 |
| 32.4197917 | 32.672983 | -117.116720 | 32.5286458 | 32.67273 | -117.116893 | 32.6352431 | 32.67294 | -117.116053 |
| 32.4199769 | 32.672983 | -117.116720 | 32.528831 | 32.67273 | -117.11688 | 32.6354167 | 32.67295 | -117.116053 |
| 32.4201505 | 32.672983 | -117.116720 | 32.5290046 | 32.67273 | -117.116893 | 32.6356366 | 32.67295 | -117.116053 |
| 32.4203241 | 32.672977 | -117.116720 | 32.5291782 | 32.67273 | -117.116893 | 32.6357755 | 32.67295 | -117.116053 |
| 32.4204977 | 32.672973 | -117.116720 | 32.5293519 | 32.67272 | -117.116893 | 32.6359491 | 32.67295 | -117.116053 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4206597 | 32.672970 | -117.116733 | 32.5295255 | 32.67272 | -117.116893 | 32.6361227 | 32.67295 | -117.116053 |
| 32.4208333 | 32.672970 | -117.116720 | 32.5296875 | 32.67272 | -117.116893 | 32.6371528 | 32.67293 | -117.116027 |
| 32.4210069 | 32.672967 | -117.116720 | 32.5298611 | 32.67273 | -117.11688 | 32.6373611 | 32.67293 | -117.116053 |
| 32.4211921 | 32.672967 | -117.116720 | 32.5300347 | 32.67272 | -117.116893 | 32.6375116 | 32.67293 | -117.116053 |
| 32.4213657 | 32.672960 | -117.116720 | 32.5302083 | 32.67272 | -117.11688 | 32.6376852 | 32.67293 | -117.116053 |
| 32.4215394 | 32.672960 | -117.116720 | 32.5303935 | 32.67272 | -117.11688 | 32.6378588 | 32.67293 | -117.116053 |
| 32.4217130 | 32.672960 | -117.116720 | 32.5309028 | 32.67272 | -117.11688 | 32.6380324 | 32.67293 | -117.116053 |
| 32.4218866 | 32.672960 | -117.116720 | 32.5310764 | 32.67272 | -117.11688 | 32.6381944 | 32.67293 | -117.116053 |
| 32.4220486 | 32.672960 | -117.116720 | 32.53125 | 32.67272 | -117.11688 | 32.6383681 | 32.67293 | -117.116053 |
| 32.4222222 | 32.672957 | -117.116720 | 32.5314699 | 32.67273 | -117.116867 | 32.6385417 | 32.67293 | -117.116053 |
| 32.4223958 | 32.672950 | -117.116720 | 32.5315972 | 32.67273 | -117.116867 | 32.6387153 | 32.67293 | -117.116053 |
| 32.4225694 | 32.672947 | -117.116720 | 32.5317708 | 32.67274 | -117.116867 | 32.6388889 | 32.67293 | -117.116053 |
| 32.4227546 | 32.672947 | -117.116720 | 32.531956 | 32.67274 | -117.116867 | 32.6390625 | 32.67292 | -117.116053 |
| 32.4229282 | 32.672913 | -117.116733 | 32.5321181 | 32.67274 | -117.116867 | 32.6392477 | 32.67292 | -117.116053 |
| 32.4239699 | 32.672867 | -117.116733 | 32.5322917 | 32.67274 | -117.116867 | 32.6394213 | 32.67292 | -117.116053 |
| 32.4241435 | 32.672867 | -117.116733 | 32.5324653 | 32.67274 | -117.116867 | 32.6395833 | 32.67292 | -117.116053 |
| 32.4243171 | 32.672867 | -117.116733 | 32.5326389 | 32.67275 | -117.116867 | 32.6397569 | 32.67292 | -117.116053 |
| 32.4244907 | 32.672867 | -117.116733 | 32.5328241 | 32.67275 | -117.116867 | 32.6399306 | 32.67292 | -117.116053 |
| 32.4246644 | 32.672863 | -117.116733 | 32.5329977 | 32.67275 | -117.116867 | 32.6401042 | 32.67292 | -117.116053 |
| 32.4248380 | 32.672863 | -117.116733 | 32.5331713 | 32.67275 | -117.116867 | 32.6402894 | 32.67292 | -117.116053 |
| 32.4250000 | 32.672863 | -117.116733 | 32.5333333 | 32.67275 | -117.116867 | 32.640463 | 32.67292 | -117.116053 |
| 32.4251736 | 32.672863 | -117.116733 | 32.5335069 | 32.67275 | -117.116867 | 32.6416782 | 32.67292 | -117.116053 |
| 32.4253472 | 32.672863 | -117.116733 | 32.5336806 | 32.67275 | -117.116867 | 32.6418519 | 32.67292 | -117.116053 |
| 32.4255208 | 32.672860 | -117.116733 | 32.5338657 | 32.67275 | -117.116867 | 32.6420255 | 32.67292 | -117.116053 |
| 32.4256944 | 32.672860 | -117.116733 | 32.5340394 | 32.67275 | -117.11684 | 32.6421875 | 32.67292 | -117.116053 |
| 32.4259028 | 32.672860 | -117.116733 | 32.534213 | 32.67275 | -117.11684 | 32.6423611 | 32.67292 | -117.116053 |
| 32.4260532 | 32.672860 | -117.116733 | 32.5364699 | 32.67276 | -117.1168 | 32.6425347 | 32.67292 | -117.116053 |
| 32.4262153 | 32.672860 | -117.116733 | 32.5366435 | 32.67276 | -117.1168 | 32.6427083 | 32.67292 | -117.116053 |
| 32.4263889 | 32.672857 | -117.116733 | 32.5368171 | 32.67276 | -117.116787 | 32.6428819 | 32.67292 | -117.116053 |
| 32.4265625 | 32.672857 | -117.116733 | 32.5369907 | 32.67276 | -117.116787 | 32.6430556 | 32.67292 | -117.116053 |
| 32.4267477 | 32.672857 | -117.116733 | 32.5371644 | 32.67276 | -117.116787 | 32.6432292 | 32.67292 | -117.116027 |
| 32.4269213 | 32.672857 | -117.116733 | 32.537338 | 32.67276 | -117.116787 | 32.6434028 | 32.67292 | -117.116027 |
| 32.4270949 | 32.672850 | -117.116733 | 32.5375116 | 32.67276 | -117.116787 | 32.6435764 | 32.67292 | -117.116027 |
| 32.4291782 | 32.672860 | -117.116720 | 32.5376852 | 32.67276 | -117.116787 | 32.64375 | 32.67292 | -117.116027 |
| 32.4293519 | 32.672873 | -117.116760 | 32.5378588 | 32.67276 | -117.116787 | 32.6439352 | 32.67292 | -117.116027 |
| 32.4295255 | 32.672877 | -117.116787 | 32.5380324 | 32.67275 | -117.116787 | 32.6441088 | 32.67292 | -117.116027 |
| 32.4298032 | 32.672880 | -117.116800 | 32.538206 | 32.67275 | -117.1168 | 32.6442824 | 32.67292 | -117.116027 |
| 32.4298843 | 32.672883 | -117.116787 | 32.5383796 | 32.67275 | -117.1168 | 32.644456 | 32.67292 | -117.116027 |
| 32.4300347 | 32.672883 | -117.116800 | 32.5385532 | 32.67275 | -117.1168 | 32.6446296 | 32.67292 | -117.116027 |
| 32.4302199 | 32.672883 | -117.116787 | 32.5387153 | 32.67275 | -117.1168 | 32.6448032 | 32.67292 | -117.116027 |
| 32.4303935 | 32.672883 | -117.116787 | 32.5388889 | 32.67275 | -117.1168 | 32.6453125 | 32.67292 | -117.116027 |
| 32.4305671 | 32.672880 | -117.116787 | 32.5390625 | 32.67275 | -117.1168 | 32.6454861 | 32.67292 | -117.116027 |
| 32.4307292 | 32.672880 | -117.116787 | 32.5392361 | 32.67274 | -117.1168 | 32.6456597 | 32.67292 | -117.116027 |
| 32.4309028 | 32.672880 | -117.116787 | 32.5394097 | 32.67274 | -117.1168 | 32.6458681 | 32.67292 | -117.116027 |
| 32.4310764 | 32.672880 | -117.116787 | 32.5395833 | 32.67274 | -117.1168 | 32.6460185 | 32.67292 | -117.116027 |
| 32.4312847 | 32.672880 | -117.116787 | 32.540625 | 32.67274 | -117.1168 | 32.6461921 | 32.67292 | -117.116027 |
| 32.4314352 | 32.672880 | -117.116787 | 32.5407986 | 32.67275 | -117.1168 | 32.6463657 | 32.67292 | -117.116027 |
| 32.4316204 | 32.672880 | -117.116787 | 32.5409838 | 32.67275 | -117.1168 | 32.6465394 | 32.67292 | -117.116027 |
| 32.4317708 | 32.672880 | -117.116787 | 32.5411574 | 32.67275 | -117.1168 | 32.6467014 | 32.67292 | -117.116027 |
| 32.4320486 | 32.672877 | -117.116787 | 32.541331 | 32.67274 | -117.1168 | 32.646875 | 32.67292 | -117.116027 |
| 32.4321296 | 32.672877 | -117.116787 | 32.5415046 | 32.67274 | -117.1168 | 32.6470833 | 32.67292 | -117.116027 |
| 32.4323032 | 32.672877 | -117.116787 | 32.5416782 | 32.67274 | -117.1168 | 32.6472801 | 32.67292 | -117.116027 |
| 32.4324769 | 32.672877 | -117.116787 | 32.5418519 | 32.67274 | -117.1168 | 32.6474074 | 32.67292 | -117.116027 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4347338 | 32.672863 | -117.116787 | 32.5420255 | 32.67274 | -117.1168 | 32.647581 | 32.67292 | -117.116027 |
| 32.4348958 | 32.672863 | -117.116787 | 32.5421875 | 32.67274 | -117.1168 | 32.6477431 | 32.67292 | -117.116013 |
| 32.4351042 | 32.672863 | -117.116787 | 32.5423611 | 32.67274 | -117.1168 | 32.6479167 | 32.67292 | -117.116013 |
| 32.4352546 | 32.672860 | -117.116787 | 32.5425347 | 32.67274 | -117.1168 | 32.6480903 | 32.67292 | -117.116013 |
| 32.4354167 | 32.672860 | -117.116787 | 32.5427083 | 32.67274 | -117.1168 | 32.6482755 | 32.67292 | -117.116013 |
| 32.4356366 | 32.672860 | -117.116787 | 32.5428819 | 32.67274 | -117.1168 | 32.6484491 | 32.67292 | -117.116013 |
| 32.4357639 | 32.672860 | -117.116787 | 32.5430556 | 32.67274 | -117.1168 | 32.6489583 | 32.67292 | -117.116013 |
| 32.4359375 | 32.672857 | -117.116787 | 32.5432639 | 32.67274 | -117.1168 | 32.6491435 | 32.67292 | -117.116 |
| 32.4361227 | 32.672857 | -117.116787 | 32.5434144 | 32.67274 | -117.1168 | 32.6493171 | 32.67292 | -117.115987 |
| 32.4362847 | 32.672857 | -117.116787 | 32.543588 | 32.67274 | -117.1168 | 32.6494907 | 32.67292 | -117.115973 |
| 32.4364931 | 32.672850 | -117.116787 | 32.543831 | 32.67274 | -117.1168 | 32.6496644 | 32.67292 | -117.115933 |
| 32.4366435 | 32.672850 | -117.116787 | 32.5439352 | 32.67274 | -117.1168 | 32.649838 | 32.6729 | -117.11592 |
| 32.4368171 | 32.672850 | -117.116787 | 32.5461921 | 32.67274 | -117.116787 | 32.6500116 | 32.67289 | -117.115933 |
| 32.4369792 | 32.672850 | -117.116787 | 32.5463657 | 32.67273 | -117.11676 | 32.6501852 | 32.67287 | -117.115933 |
| 32.4371528 | 32.672850 | -117.116787 | 32.5465394 | 32.67273 | -117.116747 | 32.6503472 | 32.67287 | -117.115947 |
| 32.4373264 | 32.672850 | -117.116787 | 32.5467014 | 32.67273 | -117.116747 | 32.6505208 | 32.67286 | -117.115947 |
| 32.4375116 | 32.672850 | -117.116787 | 32.546875 | 32.67273 | -117.116747 | 32.650706 | 32.67286 | -117.115947 |
| 32.4376852 | 32.672850 | -117.116787 | 32.5470486 | 32.67273 | -117.116747 | 32.6508796 | 32.67286 | -117.115947 |
| 32.4378588 | 32.672847 | -117.116787 | 32.5472685 | 32.67273 | -117.116747 | 32.6510532 | 32.67286 | -117.115947 |
| 32.4380208 | 32.672847 | -117.116760 | 32.5474074 | 32.67272 | -117.116747 | 32.6512153 | 32.67286 | -117.115947 |
| 32.4395833 | 32.672820 | -117.116747 | 32.547581 | 32.67272 | -117.116747 | 32.6513889 | 32.67286 | -117.115947 |
| 32.4397685 | 32.672807 | -117.116747 | 32.5477546 | 32.67272 | -117.116747 | 32.6515625 | 32.67286 | -117.115947 |
| 32.4399421 | 32.672793 | -117.116733 | 32.5479282 | 32.67272 | -117.116747 | 32.6517477 | 32.67286 | -117.115947 |
| 32.4401042 | 32.672787 | -117.116733 | 32.5481019 | 32.67272 | -117.116733 | 32.6519792 | 32.67286 | -117.115947 |
| 32.4402778 | 32.672787 | -117.116733 | 32.5482755 | 32.67272 | -117.116733 | 32.6520833 | 32.67286 | -117.115947 |
| 32.4404630 | 32.672787 | -117.116733 | 32.5484375 | 32.67272 | -117.116733 | 32.6526157 | 32.67286 | -117.115973 |
| 32.4406366 | 32.672783 | -117.116733 | 32.5486111 | 32.67272 | -117.116733 | 32.6527894 | 32.67286 | -117.115973 |
| 32.4408218 | 32.672783 | -117.116733 | 32.5487963 | 32.67272 | -117.116733 | 32.6529745 | 32.67286 | -117.115973 |
| 32.4409722 | 32.672783 | -117.116733 | 32.5489699 | 32.67272 | -117.116733 | 32.653125 | 32.67286 | -117.115973 |
| 32.4411458 | 32.672783 | -117.116733 | 32.5491319 | 32.67272 | -117.116733 | 32.6532986 | 32.67286 | -117.115973 |
| 32.4413310 | 32.672783 | -117.116733 | 32.5493056 | 32.67272 | -117.116733 | 32.6534722 | 32.67286 | -117.115973 |
| 32.4415046 | 32.672777 | -117.116733 | 32.5494792 | 32.67272 | -117.116733 | 32.6536458 | 32.67286 | -117.115973 |
| 32.4416782 | 32.672777 | -117.116733 | 32.5508796 | 32.6727 | -117.11672 | 32.6538773 | 32.67286 | -117.115973 |
| 32.4418519 | 32.672777 | -117.116733 | 32.5510532 | 32.6727 | -117.11672 | 32.6540046 | 32.67286 | -117.115973 |
| 32.4420255 | 32.672777 | -117.116733 | 32.5512153 | 32.67269 | -117.11672 | 32.6542477 | 32.67286 | -117.115973 |
| 32.4421991 | 32.672777 | -117.116733 | 32.5513889 | 32.67269 | -117.11672 | 32.6543519 | 32.67286 | -117.115973 |
| 32.4423611 | 32.672777 | -117.116733 | 32.5515741 | 32.67269 | -117.11672 | 32.6545255 | 32.67286 | -117.115973 |
| 32.4425347 | 32.672777 | -117.116733 | 32.5517477 | 32.67269 | -117.11672 | 32.6546991 | 32.67286 | -117.115973 |
| 32.4427083 | 32.672773 | -117.116733 | 32.5519213 | 32.67269 | -117.11672 | 32.6548727 | 32.67286 | -117.115973 |
| 32.4428819 | 32.672773 | -117.116733 | 32.5520833 | 32.67269 | -117.11672 | 32.6550463 | 32.67286 | -117.115973 |
| 32.4444560 | 32.672767 | -117.116720 | 32.5522569 | 32.67269 | -117.11672 | 32.6552199 | 32.67286 | -117.115973 |
| 32.4446296 | 32.672767 | -117.116720 | 32.5524421 | 32.67269 | -117.11672 | 32.6553935 | 32.67286 | -117.115973 |
| 32.4448032 | 32.672767 | -117.116720 | 32.5526157 | 32.67269 | -117.11672 | 32.6555556 | 32.67286 | -117.115973 |
| 32.4449769 | 32.672767 | -117.116720 | 32.5527778 | 32.67269 | -117.11672 | 32.6557755 | 32.67286 | -117.115973 |
| 32.4451620 | 32.672767 | -117.116720 | 32.5529514 | 32.67268 | -117.11672 | 32.6574653 | 32.67287 | -117.115973 |
| 32.4453125 | 32.672767 | -117.116720 | 32.5531597 | 32.67268 | -117.11672 | 32.6576505 | 32.67287 | -117.115973 |
| 32.4454861 | 32.672763 | -117.116720 | 32.5533102 | 32.67268 | -117.11672 | 32.6578241 | 32.67287 | -117.115973 |
| 32.4456597 | 32.672763 | -117.116720 | 32.5535417 | 32.67268 | -117.11672 | 32.6579977 | 32.67287 | -117.115973 |
| 32.4458333 | 32.672763 | -117.116720 | 32.5536458 | 32.67268 | -117.11672 | 32.6581713 | 32.67287 | -117.115973 |
| 32.4461921 | 32.672757 | -117.116720 | 32.5538194 | 32.67268 | -117.11672 | 32.6583333 | 32.67287 | -117.115973 |
| 32.4463657 | 32.672757 | -117.116693 | 32.5539931 | 32.67268 | -117.11672 | 32.6585069 | 32.67287 | -117.115973 |
| 32.4465394 | 32.672753 | -117.116693 | 32.5541782 | 32.67268 | -117.11672 | 32.6587269 | 32.67287 | -117.115973 |
| 32.4467130 | 32.672747 | -117.116693 | 32.5573032 | 32.67267 | -117.11672 | 32.6588542 | 32.67287 | -117.115973 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4468866 | 32.672747 | -117.116693 | 32.5574769 | 32.67267 | -117.11672 | 32.6590278 | 32.67287 | -117.115973 |
| 32.4470602 | 32.672747 | -117.116693 | 32.5576505 | 32.67267 | -117.11672 | 32.6592014 | 32.67287 | -117.115973 |
| 32.4472222 | 32.672747 | -117.116693 | 32.5578241 | 32.67267 | -117.11672 | 32.659375 | 32.67287 | -117.115973 |
| 32.4473958 | 32.672747 | -117.116693 | 32.5579977 | 32.67267 | -117.11672 | 32.6595486 | 32.67287 | -117.115973 |
| 32.4475694 | 32.672747 | -117.116693 | 32.5581713 | 32.67267 | -117.11672 | 32.6597222 | 32.67287 | -117.115973 |
| 32.4477546 | 32.672743 | -117.116693 | 32.5583449 | 32.67267 | -117.11672 | 32.6599074 | 32.67287 | -117.115973 |
| 32.4479282 | 32.672743 | -117.116693 | 32.5585185 | 32.67267 | -117.116733 | 32.660081 | 32.67287 | -117.115973 |
| 32.4501736 | 32.672743 | -117.116680 | 32.5586921 | 32.67267 | -117.116733 | 32.6602546 | 32.67287 | -117.115973 |
| 32.4503819 | 32.672743 | -117.116680 | 32.5588657 | 32.67267 | -117.116733 | 32.6604167 | 32.67287 | -117.115973 |
| 32.4505324 | 32.672743 | -117.116680 | 32.5590394 | 32.67266 | -117.116733 | 32.6605903 | 32.67287 | -117.115973 |
| 32.4507060 | 32.672737 | -117.116680 | 32.559213 | 32.67266 | -117.116733 | 32.6607639 | 32.67287 | -117.115973 |
| 32.4510417 | 32.672737 | -117.116680 | 32.5593866 | 32.67266 | -117.116733 | 32.662338 | 32.67287 | -117.115973 |
| 32.4512847 | 32.672737 | -117.116680 | 32.5595486 | 32.67266 | -117.116733 | 32.6625 | 32.67288 | -117.115973 |
| 32.4513889 | 32.672737 | -117.116680 | 32.5597222 | 32.67266 | -117.116733 | 32.6626736 | 32.67288 | -117.115973 |
| 32.4516435 | 32.672737 | -117.116680 | 32.5598958 | 32.67266 | -117.116733 | 32.6628588 | 32.67288 | -117.115973 |
| 32.4517477 | 32.67274 | -117.11668 | 32.560081 | 32.67266 | -117.116733 | 32.6630324 | 32.67288 | -117.115973 |
| 32.4519213 | 32.67274 | -117.11668 | 32.5602546 | 32.67266 | -117.116733 | 32.663206 | 32.67288 | -117.115973 |
| 32.4520833 | 32.67273 | -117.116667 | 32.5604282 | 32.67266 | -117.116733 | 32.6633681 | 32.67288 | -117.115973 |
| 32.4522569 | 32.67273 | -117.116667 | 32.5625116 | 32.67265 | -117.116733 | 32.6635417 | 32.67288 | -117.115973 |
| 32.4525347 | 32.67273 | -117.116653 | 32.5626852 | 32.67265 | -117.116733 | 32.66375 | 32.67288 | -117.115973 |
| 32.4526157 | 32.67273 | -117.116653 | 32.5628472 | 32.67265 | -117.116733 | 32.6639005 | 32.67288 | -117.115973 |
| 32.4527894 | 32.67273 | -117.116653 | 32.5630324 | 32.67265 | -117.116733 | 32.6640625 | 32.67288 | -117.115973 |
| 32.452963 | 32.67273 | -117.116653 | 32.563206 | 32.67265 | -117.116733 | 32.6642361 | 32.67288 | -117.115973 |
| 32.4531366 | 32.67273 | -117.116653 | 32.5634144 | 32.67265 | -117.116733 | 32.6644213 | 32.67288 | -117.115973 |
| 32.4533102 | 32.67273 | -117.116653 | 32.5636111 | 32.67265 | -117.116733 | 32.6645949 | 32.67288 | -117.115973 |
| 32.4534838 | 32.67273 | -117.116653 | 32.5637153 | 32.67265 | -117.116733 | 32.6647569 | 32.67288 | -117.115973 |
| 32.4545139 | 32.67273 | -117.116653 | 32.5639236 | 32.67265 | -117.116733 | 32.6649306 | 32.67288 | -117.115973 |
| 32.4546875 | 32.67273 | -117.116653 | 32.5640741 | 32.67265 | -117.116733 | 32.6651042 | 32.67288 | -117.115973 |
| 32.4548727 | 32.67273 | -117.116653 | 32.5642477 | 32.67265 | -117.116747 | 32.6652778 | 32.67288 | -117.115973 |
| 32.4550463 | 32.67273 | -117.116653 | 32.5644097 | 32.67265 | -117.116747 | 32.6654514 | 32.67288 | -117.115973 |
| 32.4552083 | 32.67273 | -117.116653 | 32.5645833 | 32.67265 | -117.116747 | 32.665625 | 32.67288 | -117.115973 |
| 32.4553935 | 32.67273 | -117.116653 | 32.5648148 | 32.67265 | -117.116747 | 32.6661574 | 32.67288 | -117.115973 |
| 32.4555671 | 32.67273 | -117.116653 | 32.5649421 | 32.67265 | -117.116747 | 32.666331 | 32.67288 | -117.115973 |
| 32.4557407 | 32.67273 | -117.116653 | 32.5651157 | 32.67265 | -117.116747 | 32.6665046 | 32.67288 | -117.115973 |
| 32.4559144 | 32.67273 | -117.116653 | 32.5652894 | 32.67265 | -117.116747 | 32.6666782 | 32.67288 | -117.115973 |
| 32.456088 | 32.67273 | -117.116653 | 32.5654861 | 32.67265 | -117.116747 | 32.6668519 | 32.67288 | -117.115973 |
| 32.45625 | 32.67273 | -117.116653 | 32.565625 | 32.67265 | -117.116747 | 32.6670255 | 32.67288 | -117.115973 |
| 32.4564236 | 32.67273 | -117.116653 | 32.5661574 | 32.67265 | -117.116747 | 32.6671991 | 32.67289 | -117.115973 |
| 32.4566088 | 32.67273 | -117.116653 | 32.566331 | 32.67265 | -117.116747 | 32.6673727 | 32.67289 | -117.115973 |
| 32.4567824 | 32.67273 | -117.116653 | 32.5664931 | 32.67265 | -117.116747 | 32.6675463 | 32.67289 | -117.115973 |
| 32.456956 | 32.67273 | -117.116653 | 32.5666782 | 32.67265 | -117.116747 | 32.6677199 | 32.67289 | -117.115973 |
| 32.4571296 | 32.67273 | -117.116653 | 32.5668519 | 32.67265 | -117.116747 | 32.6678935 | 32.67289 | -117.115973 |
| 32.4573032 | 32.67273 | -117.116653 | 32.5670255 | 32.67265 | -117.116747 | 32.6680671 | 32.67289 | -117.115973 |
| 32.4574769 | 32.67273 | -117.116653 | 32.5671991 | 32.67265 | -117.116747 | 32.6682407 | 32.67289 | -117.115973 |
| 32.4576736 | 32.67273 | -117.116653 | 32.5673727 | 32.67265 | -117.116747 | 32.6684144 | 32.67289 | -117.115973 |
| 32.4578241 | 32.67273 | -117.116653 | 32.5675463 | 32.67265 | -117.116747 | 32.668588 | 32.67289 | -117.115973 |
| 32.4597685 | 32.67273 | -117.1166 | 32.5677199 | 32.67265 | -117.116747 | 32.6687616 | 32.67289 | -117.115973 |
| 32.4599074 | 32.67273 | -117.1166 | 32.5678935 | 32.67265 | -117.116747 | 32.6689352 | 32.67289 | -117.115973 |
| 32.460081 | 32.67273 | -117.116587 | 32.5680671 | 32.67265 | -117.116747 | 32.6691088 | 32.67289 | -117.115947 |
| 32.4602431 | 32.67273 | -117.116587 | 32.5682407 | 32.67265 | -117.116747 | 32.6692824 | 32.67289 | -117.115947 |
| 32.4604167 | 32.67273 | -117.116587 | 32.5684144 | 32.67265 | -117.116747 | 32.6713657 | 32.67289 | -117.115947 |
| 32.4605903 | 32.67273 | -117.116587 | 32.5685764 | 32.67265 | -117.116747 | 32.6715394 | 32.67289 | -117.115947 |
| 32.4607639 | 32.67273 | -117.116587 | 32.56875 | 32.67265 | -117.116747 | 32.671713 | 32.67289 | -117.115947 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4609491 | 32.67273 | -117.116587 | 32.5689352 | 32.67265 | -117.116747 | 32.6718866 | 32.67289 | -117.115947 |
| 32.4611227 | 32.67273 | -117.116587 | 32.5691088 | 32.67265 | -117.116747 | 32.6720602 | 32.67289 | -117.115947 |
| 32.4612847 | 32.67273 | -117.116587 | 32.5692824 | 32.67265 | -117.116747 | 32.6722338 | 32.67289 | -117.115947 |
| 32.4614583 | 32.67273 | -117.116587 | 32.569456 | 32.67265 | -117.116747 | 32.6724074 | 32.67289 | -117.115947 |
| 32.4616319 | 32.67273 | -117.116587 | 32.5699769 | 32.67265 | -117.116747 | 32.672581 | 32.67289 | -117.115947 |
| 32.4618171 | 32.67273 | -117.116587 | 32.5701505 | 32.67265 | -117.116747 | 32.6727546 | 32.67289 | -117.115947 |
| 32.4619907 | 32.67273 | -117.116587 | 32.5703241 | 32.67265 | -117.116747 | 32.6729282 | 32.67289 | -117.115947 |
| 32.4621644 | 32.67273 | -117.116587 | 32.5704977 | 32.67265 | -117.116747 | 32.6731019 | 32.67289 | -117.115947 |
| 32.4623264 | 32.67273 | -117.116587 | 32.5706713 | 32.67265 | -117.116747 | 32.6732755 | 32.67289 | -117.115947 |
| 32.4625 | 32.67273 | -117.116587 | 32.5708449 | 32.67265 | -117.116747 | 32.6734491 | 32.67289 | -117.115947 |
| 32.4626736 | 32.67273 | -117.116587 | 32.5710185 | 32.67265 | -117.116747 | 32.6736227 | 32.67289 | -117.115947 |
| 32.4628472 | 32.67273 | -117.116587 | 32.5711806 | 32.67265 | -117.116747 | 32.6737963 | 32.6729 | -117.115947 |
| 32.4647569 | 32.67273 | -117.116587 | 32.5713542 | 32.67265 | -117.116747 | 32.6739699 | 32.6729 | -117.115947 |
| 32.4649306 | 32.67274 | -117.116587 | 32.5715394 | 32.67265 | -117.116747 | 32.6741435 | 32.6729 | -117.115947 |
| 32.4651389 | 32.67274 | -117.116587 | 32.571713 | 32.67266 | -117.11676 | 32.6743171 | 32.6729 | -117.115947 |
| 32.4652894 | 32.67274 | -117.116587 | 32.5718866 | 32.67266 | -117.11676 | 32.6744907 | 32.6729 | -117.115947 |
| 32.465463 | 32.67274 | -117.116587 | 32.5720486 | 32.67267 | -117.11676 | 32.6769213 | 32.6729 | -117.115947 |
| 32.4656366 | 32.67274 | -117.116587 | 32.5722222 | 32.67267 | -117.11676 | 32.6770949 | 32.6729 | -117.115947 |
| 32.4658102 | 32.67274 | -117.116587 | 32.5724537 | 32.67267 | -117.11676 | 32.6772685 | 32.6729 | -117.115947 |
| 32.4659838 | 32.67274 | -117.116587 | 32.572581 | 32.67267 | -117.11676 | 32.6774421 | 32.6729 | -117.115947 |
| 32.4661458 | 32.67274 | -117.116587 | 32.5727546 | 32.67267 | -117.11676 | 32.6776157 | 32.6729 | -117.115947 |
| 32.4663194 | 32.67274 | -117.116587 | 32.5729282 | 32.67267 | -117.11676 | 32.6777894 | 32.6729 | -117.115947 |
| 32.4664931 | 32.67274 | -117.116587 | 32.5730903 | 32.67267 | -117.11676 | 32.677963 | 32.6729 | -117.115947 |
| 32.4666782 | 32.67274 | -117.116587 | 32.5732639 | 32.67267 | -117.11676 | 32.6781366 | 32.6729 | -117.115947 |
| 32.4668403 | 32.67274 | -117.116587 | 32.5756944 | 32.67267 | -117.116747 | 32.6783102 | 32.6729 | -117.115947 |
| 32.4670139 | 32.67274 | -117.116587 | 32.5758681 | 32.67267 | -117.116747 | 32.6784838 | 32.6729 | -117.115947 |
| 32.4671875 | 32.67274 | -117.116587 | 32.5760532 | 32.67267 | -117.116747 | 32.6786574 | 32.6729 | -117.115947 |
| 32.4673611 | 32.67274 | -117.116587 | 32.5762269 | 32.67267 | -117.116747 | 32.678831 | 32.6729 | -117.115947 |
| 32.4675463 | 32.67274 | -117.116587 | 32.5763889 | 32.67267 | -117.116747 | 32.6790046 | 32.6729 | -117.115947 |
| 32.4677199 | 32.67274 | -117.116573 | 32.5765625 | 32.67267 | -117.116747 | 32.6791782 | 32.6729 | -117.115947 |
| 32.4678819 | 32.67274 | -117.116573 | 32.5767593 | 32.67267 | -117.116747 | 32.6793519 | 32.6729 | -117.115947 |
| 32.4698032 | 32.67277 | -117.116547 | 32.5769097 | 32.67267 | -117.116747 | 32.6795255 | 32.6729 | -117.115947 |
| 32.4699653 | 32.67277 | -117.116547 | 32.5770833 | 32.67267 | -117.116747 | 32.6796991 | 32.6729 | -117.115947 |
| 32.4701389 | 32.67277 | -117.116547 | 32.5772685 | 32.67268 | -117.116747 | 32.6798727 | 32.6729 | -117.115947 |
| 32.4703125 | 32.67278 | -117.116547 | 32.5774421 | 32.67268 | -117.116747 | 32.6800463 | 32.6729 | -117.115947 |
| 32.4704977 | 32.67278 | -117.116547 | 32.5776157 | 32.67268 | -117.116747 | 32.6805556 | 32.6729 | -117.115947 |
| 32.4706713 | 32.67278 | -117.116547 | | | | | | |

DrEx 111

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3846065 | 32.674120 | -117.115933 | 32.4845486 | 32.673923 | -117.116080 | 32.5762269 | 32.67419 | -117.115987 |
| 32.3847338 | 32.674127 | -117.115933 | 32.4847222 | 32.673923 | -117.116080 | 32.576412 | 32.67419 | -117.115987 |
| 32.3849074 | 32.674090 | -117.115973 | 32.4849074 | 32.673923 | -117.116080 | 32.5765625 | 32.67419 | -117.115987 |
| 32.3850694 | 32.674077 | -117.115973 | 32.4850810 | 32.673923 | -117.116080 | 32.5767361 | 32.67419 | -117.115987 |
| 32.3852431 | 32.674067 | -117.115973 | 32.4878472 | 32.673917 | -117.116080 | 32.5769444 | 32.6742 | -117.115973 |
| 32.3854167 | 32.674067 | -117.115973 | 32.4880208 | 32.673917 | -117.116067 | 32.5770949 | 32.6742 | -117.115973 |
| 32.3856019 | 32.674067 | -117.115973 | 32.4881944 | 32.673917 | -117.116067 | 32.5772685 | 32.6742 | -117.115973 |
| 32.3857986 | 32.674063 | -117.115973 | 32.4883681 | 32.673917 | -117.116067 | 32.5774421 | 32.6742 | -117.115973 |
| 32.3859491 | 32.674063 | -117.115973 | 32.4885417 | 32.673923 | -117.116067 | 32.5776505 | 32.6742 | -117.115973 |
| 32.3861227 | 32.674063 | -117.115973 | 32.4887269 | 32.673923 | -117.116067 | 32.5777778 | 32.6742 | -117.115973 |
| 32.3862963 | 32.674060 | -117.115973 | 32.4889005 | 32.673923 | -117.116067 | 32.578831 | 32.6742 | -117.115973 |
| 32.3864583 | 32.674057 | -117.115973 | 32.4890741 | 32.673923 | -117.116067 | 32.5790046 | 32.6742 | -117.115973 |
| 32.3866319 | 32.674047 | -117.115973 | 32.4892477 | 32.673923 | -117.116067 | 32.5791782 | 32.6742 | -117.115973 |
| 32.3868171 | 32.674037 | -117.115973 | 32.4894097 | 32.673923 | -117.116067 | 32.5793519 | 32.67421 | -117.115973 |
| 32.3869907 | 32.674030 | -117.115973 | 32.4895833 | 32.673923 | -117.116067 | 32.5795255 | 32.67421 | -117.115973 |
| 32.3871644 | 32.674030 | -117.115973 | 32.4897917 | 32.673923 | -117.116067 | 32.5797569 | 32.67421 | -117.115973 |
| 32.3873380 | 32.674030 | -117.115973 | 32.4899421 | 32.673923 | -117.116067 | 32.5798611 | 32.67421 | -117.115973 |
| 32.3875116 | 32.674030 | -117.115973 | 32.4901736 | 32.673923 | -117.116053 | 32.5800347 | 32.67421 | -117.115973 |
| 32.3876852 | 32.674030 | -117.115973 | 32.4902778 | 32.673923 | -117.116053 | 32.5802199 | 32.67421 | -117.115973 |
| 32.3878472 | 32.674030 | -117.115973 | 32.4904514 | 32.673923 | -117.116053 | 32.5803935 | 32.67421 | -117.115973 |
| 32.3904514 | 32.674017 | -117.115987 | 32.4906250 | 32.673923 | -117.116053 | 32.5805556 | 32.67421 | -117.115973 |
| 32.3906250 | 32.674017 | -117.115987 | 32.4907986 | 32.673923 | -117.116053 | 32.5807292 | 32.67421 | -117.115973 |
| 32.3908333 | 32.674017 | -117.115987 | 32.4909838 | 32.673923 | -117.116053 | 32.5809028 | 32.67421 | -117.115973 |
| 32.3909838 | 32.674017 | -117.115987 | 32.4934144 | 32.673930 | -117.116000 | 32.581088 | 32.67421 | -117.115947 |
| 32.3911574 | 32.674017 | -117.115987 | 32.4936343 | 32.673930 | -117.116000 | 32.5812616 | 32.67424 | -117.115947 |
| 32.3913194 | 32.674010 | -117.115987 | 32.4937616 | 32.673930 | -117.116000 | 32.5814236 | 32.67424 | -117.115947 |
| 32.3914931 | 32.673993 | -117.115987 | 32.4939352 | 32.673930 | -117.116000 | 32.5815972 | 32.67424 | -117.115933 |
| 32.3916667 | 32.673993 | -117.115987 | 32.4940972 | 32.673930 | -117.116000 | 32.5817708 | 32.67425 | -117.115933 |
| 32.3918750 | 32.673993 | -117.115987 | 32.4942708 | 32.673930 | -117.116000 | 32.5819444 | 32.67426 | -117.115933 |
| 32.3920255 | 32.673993 | -117.115987 | 32.4944792 | 32.673933 | -117.116000 | 32.5821296 | 32.67426 | -117.115933 |
| 32.3921991 | 32.673990 | -117.115987 | 32.4946296 | 32.673933 | -117.116000 | 32.5826505 | 32.67426 | -117.115933 |
| 32.3923611 | 32.673990 | -117.115987 | 32.4948264 | 32.673933 | -117.116000 | 32.5828588 | 32.67426 | -117.115933 |
| 32.3925347 | 32.673990 | -117.115987 | 32.4950116 | 32.673933 | -117.116000 | 32.5829861 | 32.67426 | -117.115933 |
| 32.3927083 | 32.673987 | -117.115987 | 32.4951389 | 32.673933 | -117.116000 | 32.5831597 | 32.67426 | -117.115933 |
| 32.3928819 | 32.673980 | -117.115987 | 32.4953125 | 32.673933 | -117.116000 | 32.5833333 | 32.67426 | -117.115933 |
| 32.3930556 | 32.673980 | -117.115987 | 32.4954977 | 32.673937 | -117.116000 | 32.5835764 | 32.67426 | -117.115933 |
| 32.3932407 | 32.673980 | -117.115987 | 32.4956713 | 32.673937 | -117.116000 | 32.5836806 | 32.67426 | -117.115933 |
| 32.3934144 | 32.673980 | -117.115987 | 32.4958449 | 32.673937 | -117.116000 | 32.5838657 | 32.67426 | -117.115933 |
| 32.3935880 | 32.673973 | -117.115987 | 32.4960069 | 32.673937 | -117.116000 | 32.5840394 | 32.67426 | -117.115933 |
| 32.3963657 | 32.673950 | -117.115987 | 32.4961806 | 32.673937 | -117.116000 | 32.584213 | 32.67426 | -117.115933 |
| 32.3965857 | 32.673950 | -117.115987 | 32.4963657 | 32.673937 | -117.116000 | 32.584375 | 32.67426 | -117.115933 |
| 32.3967130 | 32.673947 | -117.115987 | 32.4965394 | 32.673937 | -117.116000 | 32.5845486 | 32.67427 | -117.115933 |
| 32.3968866 | 32.673947 | -117.115987 | 32.4994907 | 32.673950 | -117.115987 | 32.5847222 | 32.67427 | -117.115933 |
| 32.3970833 | 32.673947 | -117.115987 | 32.4997338 | 32.673950 | -117.115987 | 32.5849074 | 32.67427 | -117.115933 |
| 32.3972222 | 32.673947 | -117.115987 | 32.4998264 | 32.673950 | -117.115987 | 32.585081 | 32.67427 | -117.115933 |
| 32.3973958 | 32.673943 | -117.115987 | 32.5000000 | 32.673950 | -117.115987 | 32.5852546 | 32.67427 | -117.115933 |
| 32.3976620 | 32.673943 | -117.115987 | 32.5001852 | 32.673953 | -117.115987 | 32.5854282 | 32.67427 | -117.115947 |
| 32.3977431 | 32.673943 | -117.115987 | 32.5003588 | 32.673953 | -117.115987 | 32.5856019 | 32.67427 | -117.115947 |
| 32.3979167 | 32.673937 | -117.115987 | 32.5005324 | 32.673953 | -117.115987 | 32.5857755 | 32.67427 | -117.115947 |
| 32.3981019 | 32.673937 | -117.115987 | 32.5007060 | 32.673953 | -117.115987 | 32.5861111 | 32.67427 | -117.115947 |
| 32.3982755 | 32.673937 | -117.115987 | 32.5009144 | 32.673960 | -117.115987 | 32.5862963 | 32.67427 | -117.115947 |
| 32.3984491 | 32.673937 | -117.115987 | 32.5010417 | 32.673960 | -117.115973 | 32.5864699 | 32.67427 | -117.115947 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3986227 | 32.673937 | -117.115987 | 32.5012269 | 32.673960 | -117.115973 | 32.5866435 | 32.67427 | -117.115947 |
| 32.3987847 | 32.673937 | -117.115987 | 32.5014005 | 32.673960 | -117.115973 | 32.5868056 | 32.67427 | -117.115947 |
| 32.3989583 | 32.673933 | -117.115987 | 32.5015741 | 32.673960 | -117.115973 | 32.5869792 | 32.67427 | -117.115973 |
| 32.3991319 | 32.673933 | -117.115987 | 32.5017361 | 32.673960 | -117.115973 | 32.5871528 | 32.67427 | -117.115973 |
| 32.3993056 | 32.673933 | -117.115987 | 32.5019097 | 32.673960 | -117.115973 | 32.5873264 | 32.67427 | -117.115973 |
| 32.3994792 | 32.673930 | -117.115987 | 32.5021296 | 32.673960 | -117.115973 | 32.5875 | 32.67428 | -117.115973 |
| 32.3996644 | 32.673930 | -117.115987 | 32.5022569 | 32.673963 | -117.115973 | 32.5876736 | 32.67428 | -117.115973 |
| 32.4019213 | 32.673900 | -117.115987 | 32.5024653 | 32.673963 | -117.115973 | 32.5878472 | 32.67428 | -117.115973 |
| 32.4020949 | 32.673897 | -117.115987 | 32.5026157 | 32.673963 | -117.115973 | 32.5880208 | 32.67428 | -117.115973 |
| 32.4022685 | 32.673897 | -117.115987 | 32.5041782 | 32.67399 | -117.115973 | 32.5881944 | 32.67428 | -117.115973 |
| 32.4024537 | 32.673897 | -117.115987 | 32.5043519 | 32.67399 | -117.115973 | 32.5883681 | 32.67428 | -117.115973 |
| 32.4026042 | 32.673897 | -117.115987 | 32.5045139 | 32.67399 | -117.115973 | 32.5885417 | 32.67428 | -117.115973 |
| 32.4027894 | 32.673897 | -117.115987 | 32.5046875 | 32.67399 | -117.115973 | 32.5887153 | 32.67428 | -117.115973 |
| 32.4029630 | 32.673893 | -117.115987 | 32.5048611 | 32.67399 | -117.115973 | 32.5889236 | 32.67428 | -117.115973 |
| 32.4031250 | 32.673893 | -117.115987 | 32.5050463 | 32.67399 | -117.115973 | 32.5890741 | 32.67428 | -117.115973 |
| 32.4032986 | 32.673893 | -117.115987 | 32.5052662 | 32.67399 | -117.115973 | 32.5892477 | 32.67428 | -117.115973 |
| 32.4034722 | 32.673893 | -117.115987 | 32.5053935 | 32.67399 | -117.115973 | 32.5894097 | 32.67428 | -117.115973 |
| 32.4036574 | 32.673890 | -117.115987 | 32.5055671 | 32.67399 | -117.115973 | 32.5901157 | 32.67428 | -117.115973 |
| 32.4038310 | 32.673890 | -117.115987 | 32.5057407 | 32.67399 | -117.115973 | 32.5902778 | 32.67428 | -117.115973 |
| 32.4040394 | 32.673890 | -117.115987 | 32.5059144 | 32.67399 | -117.115973 | 32.5904514 | 32.67428 | -117.115973 |
| 32.4041667 | 32.673890 | -117.115987 | 32.506088 | 32.67399 | -117.115973 | 32.590625 | 32.67428 | -117.115973 |
| 32.4043982 | 32.673887 | -117.115987 | 32.5062616 | 32.67399 | -117.115973 | 32.5907986 | 32.67428 | -117.115973 |
| 32.4045255 | 32.673887 | -117.115987 | 32.5064352 | 32.67399 | -117.115973 | 32.5909722 | 32.67427 | -117.115973 |
| 32.4046991 | 32.673887 | -117.115987 | 32.5065972 | 32.67399 | -117.115973 | 32.5911458 | 32.67427 | -117.115973 |
| 32.4048843 | 32.673887 | -117.115987 | 32.5067708 | 32.67399 | -117.115973 | 32.5913657 | 32.67427 | -117.115973 |
| 32.4050347 | 32.673887 | -117.115987 | 32.5069444 | 32.67399 | -117.115973 | 32.5914931 | 32.67427 | -117.115973 |
| 32.4052083 | 32.673887 | -117.115987 | 32.5071296 | 32.67399 | -117.115973 | 32.5916782 | 32.67427 | -117.115973 |
| 32.4057292 | 32.673880 | -117.115987 | 32.5073032 | 32.67399 | -117.115973 | 32.5918519 | 32.67427 | -117.115973 |
| 32.4059028 | 32.673880 | -117.115987 | 32.5074769 | 32.67399 | -117.115973 | 32.592037 | 32.67427 | -117.115973 |
| 32.4060764 | 32.673880 | -117.115987 | 32.5079977 | 32.674 | -117.115973 | 32.5921875 | 32.67427 | -117.115987 |
| 32.4062963 | 32.673877 | -117.115987 | 32.5081713 | 32.674 | -117.115973 | 32.5923611 | 32.67427 | -117.115987 |
| 32.4064352 | 32.673877 | -117.115987 | 32.5083333 | 32.674 | -117.115987 | 32.5925463 | 32.67427 | -117.115987 |
| 32.4066088 | 32.673877 | -117.115987 | 32.5085069 | 32.674 | -117.115987 | 32.5927894 | 32.67427 | -117.115987 |
| 32.4067824 | 32.673873 | -117.115987 | 32.5086806 | 32.674 | -117.115987 | 32.5928935 | 32.67427 | -117.115987 |
| 32.4069444 | 32.673873 | -117.115987 | 32.5088542 | 32.674 | -117.115987 | 32.5930671 | 32.67427 | -117.115987 |
| 32.4071181 | 32.673873 | -117.115987 | 32.5090394 | 32.674 | -117.115987 | 32.5932407 | 32.67427 | -117.115987 |
| 32.4072917 | 32.673870 | -117.115987 | 32.5092824 | 32.674 | -117.115987 | 32.5934491 | 32.67427 | -117.115987 |
| 32.4074653 | 32.673870 | -117.115987 | 32.5093866 | 32.674 | -117.115987 | 32.5958333 | 32.67427 | -117.115987 |
| 32.4076620 | 32.673863 | -117.115987 | 32.5095602 | 32.674 | -117.115987 | 32.5960069 | 32.67427 | -117.115987 |
| 32.4078125 | 32.673863 | -117.115987 | 32.5097222 | 32.674 | -117.115987 | 32.5961921 | 32.67427 | -117.116 |
| 32.4080556 | 32.673863 | -117.115987 | 32.5098958 | 32.674 | -117.115987 | 32.5963657 | 32.67427 | -117.116 |
| 32.4081597 | 32.673863 | -117.115987 | 32.510081 | 32.674 | -117.115987 | 32.5965394 | 32.67427 | -117.116 |
| 32.4083333 | 32.673863 | -117.115987 | 32.5102546 | 32.674 | -117.115987 | 32.5967014 | 32.67427 | -117.116 |
| 32.4085185 | 32.673863 | -117.115987 | 32.5104167 | 32.674 | -117.115987 | 32.596875 | 32.67427 | -117.116 |
| 32.4086921 | 32.673863 | -117.115987 | 32.5105903 | 32.674 | -117.115987 | 32.5970486 | 32.67427 | -117.116013 |
| 32.4088657 | 32.673863 | -117.115987 | 32.5107639 | 32.674 | -117.115987 | 32.5972338 | 32.67427 | -117.116013 |
| 32.4090278 | 32.673860 | -117.115973 | 32.5109375 | 32.674 | -117.115987 | 32.5974074 | 32.67427 | -117.116013 |
| 32.4095602 | 32.673860 | -117.115973 | 32.5111111 | 32.674 | -117.115987 | 32.597581 | 32.67427 | -117.116013 |
| 32.4098032 | 32.673857 | -117.115973 | 32.5113542 | 32.674 | -117.115987 | 32.5977546 | 32.67427 | -117.116013 |
| 32.4099074 | 32.673857 | -117.115973 | 32.5118171 | 32.674 | -117.116 | 32.5979282 | 32.67427 | -117.116013 |
| 32.4100810 | 32.673857 | -117.115973 | 32.5119907 | 32.674 | -117.116 | 32.5981482 | 32.67427 | -117.116013 |
| 32.4102894 | 32.673857 | -117.115973 | 32.5121991 | 32.674 | -117.116 | 32.5982755 | 32.67427 | -117.116013 |
| 32.4104167 | 32.673853 | -117.115973 | 32.5123264 | 32.674 | -117.116 | 32.5984375 | 32.67427 | -117.116013 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4105903 | 32.673853 | -117.115973 | 32.5125 | 32.674 | -117.116 | 32.5986111 | 32.67427 | -117.116013 |
| 32.4107755 | 32.673853 | -117.115973 | 32.5126736 | 32.674 | -117.116 | 32.5987847 | 32.67427 | -117.116013 |
| 32.4109491 | 32.673850 | -117.115973 | 32.5128472 | 32.674 | -117.116 | 32.5989699 | 32.67427 | -117.116013 |
| 32.4111227 | 32.673850 | -117.115973 | 32.5130324 | 32.674 | -117.116 | 32.6005324 | 32.67426 | -117.116053 |
| 32.4112963 | 32.673850 | -117.115973 | 32.5132755 | 32.67401 | -117.116 | 32.600706 | 32.67426 | -117.116053 |
| 32.4114583 | 32.673850 | -117.115973 | 32.5133796 | 32.67401 | -117.116 | 32.6008796 | 32.67426 | -117.116053 |
| 32.4116319 | 32.673850 | -117.115973 | 32.5135532 | 32.67401 | -117.116 | 32.6010532 | 32.67426 | -117.116053 |
| 32.4118171 | 32.673850 | -117.115973 | 32.5137269 | 32.67401 | -117.116 | 32.6012269 | 32.67426 | -117.116053 |
| 32.4119907 | 32.673850 | -117.115973 | 32.5139468 | 32.67401 | -117.116 | 32.6014005 | 32.67426 | -117.116053 |
| 32.4122569 | 32.673843 | -117.115973 | 32.5141319 | 32.67401 | -117.116 | 32.6015625 | 32.67426 | -117.116053 |
| 32.4123380 | 32.673843 | -117.115973 | 32.5142361 | 32.67401 | -117.116 | 32.6017361 | 32.67426 | -117.116053 |
| 32.4125116 | 32.673843 | -117.115973 | 32.5144097 | 32.67401 | -117.116013 | 32.6019097 | 32.67426 | -117.116053 |
| 32.4127315 | 32.673843 | -117.115973 | 32.5145949 | 32.67401 | -117.116013 | 32.6020833 | 32.67426 | -117.116053 |
| 32.4128588 | 32.673843 | -117.115973 | 32.5147685 | 32.67401 | -117.116013 | 32.6022569 | 32.67426 | -117.116053 |
| 32.4142361 | 32.673837 | -117.115973 | 32.5149421 | 32.67401 | -117.116013 | 32.6024306 | 32.67426 | -117.116053 |
| 32.4144097 | 32.673837 | -117.115973 | 32.5151505 | 32.67401 | -117.116013 | 32.6026042 | 32.67426 | -117.116053 |
| 32.4145833 | 32.673837 | -117.115973 | 32.5168519 | 32.67402 | -117.116013 | 32.6027778 | 32.67426 | -117.116053 |
| 32.4147569 | 32.673837 | -117.115973 | 32.5170255 | 32.67402 | -117.116013 | 32.6029514 | 32.67426 | -117.116053 |
| 32.4149306 | 32.673837 | -117.115973 | 32.5171991 | 32.67402 | -117.116013 | 32.603125 | 32.67426 | -117.116053 |
| 32.4151505 | 32.673837 | -117.115973 | 32.5173727 | 32.67402 | -117.116027 | 32.6032986 | 32.67426 | -117.116053 |
| 32.4152894 | 32.673837 | -117.115973 | 32.5175463 | 32.67402 | -117.116027 | 32.6034954 | 32.67426 | -117.116067 |
| 32.4154630 | 32.673833 | -117.115947 | 32.5177199 | 32.67402 | -117.116027 | 32.6036458 | 32.67426 | -117.116067 |
| 32.4156366 | 32.673833 | -117.115947 | 32.5179398 | 32.67402 | -117.116027 | 32.6038194 | 32.67426 | -117.116067 |
| 32.4158102 | 32.673833 | -117.115947 | 32.5180671 | 32.67402 | -117.116027 | 32.6043866 | 32.67426 | -117.116067 |
| 32.4160185 | 32.673833 | -117.115947 | 32.5182407 | 32.67402 | -117.116027 | 32.6045139 | 32.67426 | -117.116067 |
| 32.4161458 | 32.673833 | -117.115947 | 32.5184144 | 32.67402 | -117.116027 | 32.6047222 | 32.67426 | -117.116067 |
| 32.4163194 | 32.673833 | -117.115947 | 32.5186227 | 32.67402 | -117.116027 | 32.6048727 | 32.67426 | -117.116067 |
| 32.4164931 | 32.673833 | -117.115947 | 32.51875 | 32.67402 | -117.116027 | 32.6050463 | 32.67426 | -117.116067 |
| 32.4166782 | 32.673833 | -117.115947 | 32.5189931 | 32.67402 | -117.116027 | 32.6052083 | 32.67426 | -117.116067 |
| 32.4168519 | 32.673827 | -117.115947 | 32.5190972 | 32.67402 | -117.116027 | 32.6053819 | 32.67426 | -117.11608 |
| 32.4170255 | 32.673827 | -117.115947 | 32.5192708 | 32.67402 | -117.116027 | 32.6055671 | 32.67426 | -117.11608 |
| 32.4171991 | 32.673827 | -117.115947 | 32.5194444 | 32.67402 | -117.116027 | 32.6057292 | 32.67426 | -117.11608 |
| 32.4173727 | 32.673827 | -117.115947 | 32.5196181 | 32.67402 | -117.116027 | 32.6059028 | 32.67426 | -117.11608 |
| 32.4175463 | 32.673827 | -117.115947 | 32.5198032 | 32.67402 | -117.116027 | 32.606088 | 32.67426 | -117.11608 |
| 32.4181019 | 32.673827 | -117.115947 | 32.5199769 | 32.67402 | -117.116027 | 32.6062616 | 32.67426 | -117.11608 |
| 32.4182292 | 32.673823 | -117.115933 | 32.520162 | 32.67402 | -117.116027 | 32.6065278 | 32.67426 | -117.11608 |
| 32.4184028 | 32.673820 | -117.115920 | 32.5225694 | 32.67403 | -117.116053 | 32.6066088 | 32.67426 | -117.11608 |
| 32.4185880 | 32.673820 | -117.115920 | 32.5227431 | 32.67403 | -117.116053 | 32.6067824 | 32.67426 | -117.11608 |
| 32.4187616 | 32.673820 | -117.115920 | 32.5229745 | 32.67403 | -117.116053 | 32.606956 | 32.67426 | -117.11608 |
| 32.4189236 | 32.673820 | -117.115920 | 32.5231019 | 32.67403 | -117.116053 | 32.6071296 | 32.67426 | -117.11608 |
| 32.4190972 | 32.673820 | -117.115920 | 32.5232755 | 32.67404 | -117.116053 | 32.6072917 | 32.67426 | -117.11608 |
| 32.4192824 | 32.673820 | -117.115920 | 32.5234375 | 32.67404 | -117.116053 | 32.6074653 | 32.67425 | -117.11608 |
| 32.4194560 | 32.673813 | -117.115920 | 32.5236574 | 32.67403 | -117.116067 | 32.6102546 | 32.67424 | -117.116093 |
| 32.4196644 | 32.673813 | -117.115947 | 32.5237963 | 32.67402 | -117.116067 | 32.610463 | 32.67424 | -117.116093 |
| 32.4197917 | 32.673807 | -117.115973 | 32.5239699 | 32.67399 | -117.116093 | 32.6105903 | 32.67424 | -117.116093 |
| 32.4199653 | 32.673813 | -117.115987 | 32.5241435 | 32.67397 | -117.116107 | 32.6107755 | 32.67424 | -117.116093 |
| 32.4202315 | 32.673820 | -117.115987 | 32.5243171 | 32.67395 | -117.116107 | 32.6109491 | 32.67424 | -117.116093 |
| 32.4203125 | 32.673823 | -117.115987 | 32.5244907 | 32.67393 | -117.11608 | 32.6111574 | 32.67424 | -117.116093 |
| 32.4205208 | 32.673827 | -117.115987 | 32.5246644 | 32.67393 | -117.116067 | 32.6112847 | 32.67424 | -117.116093 |
| 32.4206713 | 32.673827 | -117.115987 | 32.5248727 | 32.67393 | -117.116067 | 32.6114583 | 32.67424 | -117.116093 |
| 32.4208333 | 32.673827 | -117.115987 | 32.525 | 32.67393 | -117.116067 | 32.6116319 | 32.67424 | -117.116093 |
| 32.4210069 | 32.673827 | -117.115987 | 32.5251736 | 32.67393 | -117.116067 | 32.6118171 | 32.67424 | -117.116093 |
| 32.4211806 | 32.673827 | -117.115973 | 32.5253819 | 32.67393 | -117.116067 | 32.6119907 | 32.67424 | -117.116093 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4214005 | 32.673833 | -117.115973 | 32.5255324 | 32.67394 | -117.116067 | 32.6121528 | 32.67424 | -117.116093 |
| 32.4243171 | 32.673890 | -117.115920 | 32.525706 | 32.67394 | -117.116067 | 32.6123264 | 32.67424 | -117.116093 |
| 32.4244907 | 32.673890 | -117.115920 | 32.5262153 | 32.67394 | -117.116053 | 32.6125 | 32.67424 | -117.116093 |
| 32.4246644 | 32.673890 | -117.115920 | 32.5263889 | 32.67394 | -117.116053 | 32.6126968 | 32.67424 | -117.116093 |
| 32.4248843 | 32.673907 | -117.115907 | 32.5265625 | 32.67394 | -117.116053 | 32.6128704 | 32.67424 | -117.116093 |
| 32.4250116 | 32.673913 | -117.115880 | 32.5267361 | 32.67395 | -117.116053 | 32.6130208 | 32.67424 | -117.116093 |
| 32.4251736 | 32.673917 | -117.115880 | 32.5269213 | 32.67395 | -117.116053 | 32.6131944 | 32.67424 | -117.116093 |
| 32.4253472 | 32.673923 | -117.115880 | 32.5271644 | 32.67395 | -117.116053 | 32.6133681 | 32.67424 | -117.116093 |
| 32.4255208 | 32.673927 | -117.115880 | 32.5272685 | 32.67395 | -117.116027 | 32.6135417 | 32.67424 | -117.116093 |
| 32.4257060 | 32.673933 | -117.115880 | 32.5274421 | 32.67395 | -117.116027 | 32.6159722 | 32.67423 | -117.116093 |
| 32.4258796 | 32.673937 | -117.115880 | 32.5276042 | 32.67395 | -117.116027 | 32.6161921 | 32.67423 | -117.116093 |
| 32.4260417 | 32.673937 | -117.115880 | 32.5278241 | 32.67395 | -117.116027 | 32.6163194 | 32.67423 | -117.116093 |
| 32.4262153 | 32.673937 | -117.115880 | 32.5279514 | 32.67395 | -117.116027 | 32.6164931 | 32.67422 | -117.116093 |
| 32.4263889 | 32.673960 | -117.115920 | 32.528125 | 32.67395 | -117.116027 | 32.6166782 | 32.67422 | -117.116093 |
| 32.4265625 | 32.673960 | -117.115947 | 32.5282986 | 32.67395 | -117.116027 | 32.6168519 | 32.67422 | -117.116093 |
| 32.4267361 | 32.673960 | -117.115987 | 32.5284722 | 32.67395 | -117.116027 | 32.6170255 | 32.67422 | -117.116093 |
| 32.4269097 | 32.673950 | -117.116000 | 32.5286458 | 32.67396 | -117.116027 | 32.6171875 | 32.67422 | -117.116093 |
| 32.4270833 | 32.673930 | -117.116027 | 32.528831 | 32.67396 | -117.116027 | 32.6173611 | 32.67422 | -117.116093 |
| 32.4272569 | 32.673933 | -117.116053 | 32.5289931 | 32.67396 | -117.116013 | 32.6175347 | 32.67422 | -117.116093 |
| 32.4274306 | 32.673937 | -117.116053 | 32.5291667 | 32.67396 | -117.116013 | 32.6177083 | 32.67422 | -117.116093 |
| 32.4305556 | 32.673953 | -117.116027 | 32.5293403 | 32.67396 | -117.116013 | 32.6178819 | 32.67422 | -117.116093 |
| 32.4307407 | 32.673953 | -117.116027 | 32.5295139 | 32.67396 | -117.116013 | 32.6180556 | 32.67422 | -117.116093 |
| 32.4309028 | 32.673953 | -117.116027 | 32.5302546 | 32.67397 | -117.115987 | 32.6182292 | 32.67422 | -117.116093 |
| 32.4310764 | 32.673953 | -117.116027 | 32.5303819 | 32.67397 | -117.115987 | 32.6184028 | 32.67422 | -117.116093 |
| 32.4312500 | 32.673960 | -117.116027 | 32.5305556 | 32.67397 | -117.115987 | 32.618588 | 32.67422 | -117.116093 |
| 32.4314236 | 32.673960 | -117.116027 | 32.5307407 | 32.67397 | -117.115987 | 32.6187616 | 32.67422 | -117.116093 |
| 32.4315972 | 32.673960 | -117.116027 | 32.5309144 | 32.67397 | -117.115987 | 32.6189352 | 32.67421 | -117.116093 |
| 32.4317708 | 32.673960 | -117.116027 | 32.531088 | 32.67398 | -117.115987 | 32.6191088 | 32.67421 | -117.116093 |
| 32.4319444 | 32.673960 | -117.116027 | 32.5312732 | 32.67398 | -117.115987 | 32.6215278 | 32.67421 | -117.116093 |
| 32.4321181 | 32.673960 | -117.116027 | 32.5314236 | 32.67398 | -117.115973 | 32.6217014 | 32.67421 | -117.116093 |
| 32.4323032 | 32.673960 | -117.116027 | 32.5315972 | 32.67398 | -117.115973 | 32.621875 | 32.67421 | -117.116093 |
| 32.4324769 | 32.673960 | -117.116027 | 32.5317708 | 32.67398 | -117.115973 | 32.6220486 | 32.67421 | -117.116093 |
| 32.4326505 | 32.673960 | -117.116027 | 32.5319444 | 32.67398 | -117.115973 | 32.6222222 | 32.67421 | -117.116093 |
| 32.4328241 | 32.673973 | -117.116027 | 32.5321181 | 32.67398 | -117.115973 | 32.6223958 | 32.67421 | -117.116093 |
| 32.4329977 | 32.673973 | -117.116027 | 32.5322917 | 32.67398 | -117.115973 | 32.6225694 | 32.67421 | -117.116093 |
| 32.4331713 | 32.673973 | -117.116027 | 32.5324769 | 32.67399 | -117.115973 | 32.6227431 | 32.67421 | -117.116093 |
| 32.4333333 | 32.673980 | -117.116027 | 32.5326505 | 32.67399 | -117.115973 | 32.6229167 | 32.67421 | -117.116093 |
| 32.4335069 | 32.673980 | -117.116027 | 32.5328357 | 32.67399 | -117.115973 | 32.6230903 | 32.67421 | -117.116093 |
| 32.4336921 | 32.673980 | -117.116027 | 32.5329861 | 32.67399 | -117.115947 | 32.6232755 | 32.67421 | -117.116093 |
| 32.4347222 | 32.673980 | -117.116027 | 32.5331597 | 32.67399 | -117.115947 | 32.6234491 | 32.67421 | -117.116093 |
| 32.4348958 | 32.673983 | -117.116027 | 32.5333333 | 32.67399 | -117.115947 | 32.6236111 | 32.67421 | -117.116093 |
| 32.4351042 | 32.673983 | -117.116053 | 32.5335069 | 32.67399 | -117.115947 | 32.6237847 | 32.67421 | -117.116093 |
| 32.4352546 | 32.673983 | -117.116053 | 32.5359375 | 32.6741 | -117.115987 | 32.6239583 | 32.67421 | -117.116093 |
| 32.4354282 | 32.673987 | -117.116053 | 32.5361111 | 32.6741 | -117.115987 | 32.6242014 | 32.67421 | -117.11608 |
| 32.4356713 | 32.673987 | -117.116053 | 32.5362963 | 32.67411 | -117.115987 | 32.6243403 | 32.67421 | -117.11608 |
| 32.4357755 | 32.673987 | -117.116053 | 32.5364699 | 32.67411 | -117.115987 | 32.6244907 | 32.67421 | -117.11608 |
| 32.4359491 | 32.673987 | -117.116053 | 32.5366435 | 32.67411 | -117.115987 | 32.6246528 | 32.67421 | -117.11608 |
| 32.4361227 | 32.673987 | -117.116053 | 32.5368171 | 32.67411 | -117.115987 | 32.6270949 | 32.6742 | -117.11608 |
| 32.4362963 | 32.673990 | -117.116053 | 32.5369907 | 32.67411 | -117.115987 | 32.6272685 | 32.6742 | -117.11608 |
| 32.4364699 | 32.673990 | -117.116053 | 32.5371528 | 32.67413 | -117.115987 | 32.6274421 | 32.6742 | -117.11608 |
| 32.4366435 | 32.673990 | -117.116053 | 32.5373264 | 32.67413 | -117.115987 | 32.6276042 | 32.6742 | -117.11608 |
| 32.4368171 | 32.673990 | -117.116053 | 32.5375 | 32.67413 | -117.115987 | 32.6277778 | 32.6742 | -117.11608 |
| 32.4369907 | 32.673993 | -117.116053 | 32.5376852 | 32.67413 | -117.115987 | 32.627963 | 32.6742 | -117.11608 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4371644 | 32.673993 | -117.116053 | 32.5378588 | 32.67413 | -117.115987 | 32.6281713 | 32.6742 | -117.11608 |
| 32.4373264 | 32.673993 | -117.116053 | 32.5380324 | 32.67414 | -117.115987 | 32.6282986 | 32.6742 | -117.11608 |
| 32.4375000 | 32.673993 | -117.116053 | 32.538206 | 32.67414 | -117.115987 | 32.6284838 | 32.6742 | -117.11608 |
| 32.4376852 | 32.673993 | -117.116053 | 32.5383796 | 32.67414 | -117.115987 | 32.6286574 | 32.6742 | -117.11608 |
| 32.4378588 | 32.673993 | -117.116053 | 32.5385532 | 32.67414 | -117.115987 | 32.628831 | 32.6742 | -117.11608 |
| 32.4381019 | 32.673993 | -117.116067 | 32.5387616 | 32.67414 | -117.115987 | 32.6290046 | 32.6742 | -117.11608 |
| 32.4387616 | 32.674000 | -117.116067 | 32.5388889 | 32.67414 | -117.115987 | 32.6291782 | 32.6742 | -117.11608 |
| 32.4388889 | 32.674000 | -117.116067 | 32.5390625 | 32.67414 | -117.115987 | 32.6293403 | 32.6742 | -117.11608 |
| 32.4390741 | 32.674000 | -117.116067 | 32.5394097 | 32.67415 | -117.115987 | 32.6295139 | 32.6742 | -117.11608 |
| 32.4392477 | 32.674000 | -117.116067 | 32.5395833 | 32.67415 | -117.115987 | 32.6296875 | 32.6742 | -117.11608 |
| 32.4394907 | 32.674000 | -117.116067 | 32.5397569 | 32.67415 | -117.115987 | 32.6298611 | 32.6742 | -117.11608 |
| 32.4395949 | 32.674000 | -117.116067 | 32.5399421 | 32.67415 | -117.115987 | 32.6300347 | 32.6742 | -117.11608 |
| 32.4397685 | 32.674003 | -117.116067 | 32.5401157 | 32.67415 | -117.115987 | 32.6302199 | 32.6742 | -117.11608 |
| 32.4399421 | 32.674003 | -117.116067 | 32.5402894 | 32.67415 | -117.115987 | 32.6307407 | 32.6742 | -117.11608 |
| 32.4401157 | 32.674003 | -117.116067 | 32.5404745 | 32.67415 | -117.115987 | 32.6309144 | 32.6742 | -117.11608 |
| 32.4402894 | 32.674003 | -117.116080 | 32.540625 | 32.67415 | -117.115987 | 32.6311111 | 32.6742 | -117.11608 |
| 32.4404514 | 32.674003 | -117.116080 | 32.5408681 | 32.67415 | -117.115987 | 32.6312616 | 32.6742 | -117.11608 |
| 32.4406250 | 32.674003 | -117.116080 | 32.5409722 | 32.67416 | -117.115987 | 32.6314352 | 32.6742 | -117.11608 |
| 32.4407986 | 32.674003 | -117.116080 | 32.5411458 | 32.67416 | -117.115987 | 32.6315972 | 32.6742 | -117.11608 |
| 32.4409838 | 32.673990 | -117.116080 | 32.5413773 | 32.67416 | -117.115987 | 32.6317708 | 32.6742 | -117.11608 |
| 32.4411574 | 32.673963 | -117.116093 | 32.5415046 | 32.67416 | -117.115987 | 32.6319444 | 32.6742 | -117.11608 |
| 32.4413310 | 32.673950 | -117.116107 | 32.5416667 | 32.67416 | -117.115987 | 32.6321181 | 32.6742 | -117.11608 |
| 32.4415046 | 32.673950 | -117.116107 | 32.5418403 | 32.67416 | -117.115987 | 32.6322917 | 32.6742 | -117.11608 |
| 32.4416782 | 32.673950 | -117.116107 | 32.5420255 | 32.67416 | -117.115987 | 32.6324653 | 32.6742 | -117.11608 |
| 32.4418519 | 32.673953 | -117.116107 | 32.5421991 | 32.67416 | -117.115987 | 32.6326389 | 32.6742 | -117.11608 |
| 32.4446296 | 32.673960 | -117.116107 | 32.5423727 | 32.67416 | -117.115987 | 32.6328241 | 32.6742 | -117.11608 |
| 32.4448032 | 32.673960 | -117.116107 | 32.5425347 | 32.67416 | -117.116 | 32.6329977 | 32.6742 | -117.11608 |
| 32.4449769 | 32.673960 | -117.116107 | 32.5427083 | 32.67416 | -117.116 | 32.6331713 | 32.6742 | -117.11608 |
| 32.4451852 | 32.673960 | -117.116107 | 32.5439236 | 32.67417 | -117.116 | 32.6333449 | 32.67419 | -117.11608 |
| 32.4453125 | 32.673960 | -117.116107 | 32.5440972 | 32.67417 | -117.116 | 32.6335069 | 32.67419 | -117.11608 |
| 32.4455324 | 32.673960 | -117.116107 | 32.5442708 | 32.67417 | -117.116 | 32.6336806 | 32.67419 | -117.11608 |
| 32.4456713 | 32.673960 | -117.116107 | 32.5444444 | 32.67417 | -117.116 | 32.6338657 | 32.67419 | -117.11608 |
| 32.4458449 | 32.673960 | -117.116107 | 32.5446181 | 32.67417 | -117.116 | 32.6352546 | 32.67419 | -117.11608 |
| 32.4460185 | 32.673960 | -117.116107 | 32.5447917 | 32.67417 | -117.116 | 32.6354398 | 32.67419 | -117.11608 |
| 32.4461921 | 32.673960 | -117.116107 | 32.5449769 | 32.67417 | -117.116 | 32.6355903 | 32.67419 | -117.11608 |
| 32.4463542 | 32.673963 | -117.116133 | 32.5451505 | 32.67418 | -117.116 | 32.6357755 | 32.67419 | -117.11608 |
| 32.4465278 | 32.673963 | -117.116133 | 32.5453241 | 32.67418 | -117.116 | 32.6359491 | 32.67419 | -117.11608 |
| 32.4467014 | 32.673963 | -117.116133 | 32.5454861 | 32.67418 | -117.116 | 32.6361111 | 32.67419 | -117.11608 |
| 32.4469213 | 32.673963 | -117.116133 | 32.5456597 | 32.67418 | -117.116 | 32.6362847 | 32.67419 | -117.11608 |
| 32.4470602 | 32.673963 | -117.116133 | 32.5458333 | 32.67418 | -117.116 | 32.6364583 | 32.67419 | -117.11608 |
| 32.4472222 | 32.673963 | -117.116133 | 32.5460185 | 32.67418 | -117.116 | 32.6366551 | 32.67419 | -117.11608 |
| 32.4473958 | 32.673963 | -117.116133 | 32.5461921 | 32.67418 | -117.116 | 32.6368056 | 32.67419 | -117.11608 |
| 32.4475694 | 32.673963 | -117.116133 | 32.5463657 | 32.67418 | -117.116 | 32.6369792 | 32.67419 | -117.11608 |
| 32.4477546 | 32.673963 | -117.116133 | 32.5465625 | 32.67418 | -117.116 | 32.6371528 | 32.67419 | -117.11608 |
| 32.4479282 | 32.673963 | -117.116133 | 32.546713 | 32.67418 | -117.116013 | 32.637338 | 32.67419 | -117.11608 |
| 32.4501852 | 32.673963 | -117.116133 | 32.546875 | 32.67418 | -117.116013 | 32.6375116 | 32.67419 | -117.11608 |
| 32.4503588 | 32.673963 | -117.116133 | 32.5470486 | 32.67418 | -117.116013 | 32.6376852 | 32.67419 | -117.11608 |
| 32.4505208 | 32.673963 | -117.116133 | 32.547581 | 32.67418 | -117.116013 | 32.6379051 | 32.67419 | -117.11608 |
| 32.4506944 | 32.673963 | -117.116133 | 32.5477546 | 32.67418 | -117.116013 | 32.6380324 | 32.67419 | -117.11608 |
| 32.4508681 | 32.673963 | -117.116133 | 32.5479282 | 32.67418 | -117.116013 | 32.6382407 | 32.67419 | -117.11608 |
| 32.4510417 | 32.673963 | -117.116133 | 32.5481019 | 32.67418 | -117.116013 | 32.6383681 | 32.67419 | -117.11608 |
| 32.4512153 | 32.673963 | -117.116133 | 32.5482639 | 32.67419 | -117.116013 | 32.640625 | 32.67418 | -117.116067 |
| 32.4513889 | 32.673963 | -117.116133 | 32.5484375 | 32.67419 | -117.116013 | 32.6407986 | 32.67418 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4516319 | 32.673963 | -117.116133 | 32.5486111 | 32.67419 | -117.116013 | 32.6409722 | 32.67418 | -117.116067 |
| 32.4517361 | 32.673963 | -117.116133 | 32.5487963 | 32.67419 | -117.116013 | 32.641331 | 32.67418 | -117.116067 |
| 32.4519213 | 32.673963 | -117.116133 | 32.5489699 | 32.67419 | -117.116013 | 32.6415046 | 32.67418 | -117.116067 |
| 32.4520949 | 32.673967 | -117.116133 | 32.5491435 | 32.67419 | -117.116013 | 32.6416667 | 32.67418 | -117.116067 |
| 32.4522685 | 32.673967 | -117.116133 | 32.5493171 | 32.67419 | -117.116013 | 32.6418403 | 32.67418 | -117.116067 |
| 32.4524421 | 32.673967 | -117.116133 | 32.5495486 | 32.67419 | -117.116013 | 32.6420139 | 32.67418 | -117.116067 |
| 32.4526852 | 32.673967 | -117.116133 | 32.5496528 | 32.67419 | -117.116013 | 32.6421875 | 32.67418 | -117.116067 |
| 32.4527894 | 32.673967 | -117.116133 | 32.549838 | 32.67419 | -117.116013 | 32.6423611 | 32.67418 | -117.116067 |
| 32.4529514 | 32.673967 | -117.116133 | 32.5500116 | 32.67419 | -117.116013 | 32.6425347 | 32.67418 | -117.116053 |
| 32.4531250 | 32.673967 | -117.116147 | 32.5501968 | 32.67419 | -117.116013 | 32.6427083 | 32.67419 | -117.116067 |
| 32.4533102 | 32.673967 | -117.116147 | 32.5503472 | 32.67419 | -117.116013 | 32.6428819 | 32.67419 | -117.116067 |
| 32.4555671 | 32.673967 | -117.116147 | 32.5505208 | 32.67419 | -117.116013 | 32.6430556 | 32.67419 | -117.116067 |
| 32.4557407 | 32.673967 | -117.116147 | 32.550706 | 32.67419 | -117.116013 | 32.6432755 | 32.67419 | -117.116067 |
| 32.4559028 | 32.673967 | -117.116147 | 32.5519213 | 32.67414 | -117.115947 | 32.6434144 | 32.67419 | -117.116067 |
| 32.4560764 | 32.673967 | -117.116147 | 32.5520949 | 32.67412 | -117.115973 | 32.643588 | 32.67419 | -117.116067 |
| 32.4562500 | 32.673967 | -117.116160 | 32.5522685 | 32.67409 | -117.115987 | 32.6437616 | 32.67419 | -117.116067 |
| 32.4564236 | 32.673963 | -117.116160 | 32.5524769 | 32.67406 | -117.116 | 32.6439352 | 32.67419 | -117.116067 |
| 32.4566551 | 32.673970 | -117.116173 | 32.5526042 | 32.67404 | -117.116 | 32.6446296 | 32.67419 | -117.116067 |
| 32.4567824 | 32.673970 | -117.116173 | 32.5527778 | 32.67402 | -117.116027 | 32.6448032 | 32.67419 | -117.116067 |
| 32.4569560 | 32.673970 | -117.116173 | 32.5529514 | 32.67401 | -117.116067 | 32.6449769 | 32.67419 | -117.116067 |
| 32.4571296 | 32.673970 | -117.116173 | 32.553125 | 32.674 | -117.11608 | 32.6451505 | 32.67419 | -117.116053 |
| 32.4572917 | 32.673970 | -117.116200 | 32.5533102 | 32.67401 | -117.11608 | 32.6453241 | 32.67419 | -117.116053 |
| 32.4574653 | 32.673967 | -117.116200 | 32.5534838 | 32.67401 | -117.11608 | 32.6454861 | 32.67419 | -117.116053 |
| 32.4576505 | 32.673967 | -117.116200 | 32.5536458 | 32.67401 | -117.11608 | 32.6456597 | 32.67419 | -117.116053 |
| 32.4578241 | 32.673963 | -117.116213 | 32.5538194 | 32.67401 | -117.11608 | 32.6458333 | 32.67419 | -117.116053 |
| 32.4579977 | 32.673963 | -117.116213 | 32.5540046 | 32.67401 | -117.11608 | 32.6460185 | 32.67419 | -117.116053 |
| 32.4581713 | 32.673963 | -117.116227 | 32.554213 | 32.67401 | -117.11608 | 32.6461921 | 32.67419 | -117.116053 |
| 32.4583449 | 32.673963 | -117.116227 | 32.5543403 | 32.67401 | -117.11608 | 32.6463657 | 32.67419 | -117.116053 |
| 32.4585069 | 32.673963 | -117.116227 | 32.5546065 | 32.67401 | -117.11608 | 32.6465394 | 32.67419 | -117.116053 |
| 32.4586806 | 32.673963 | -117.116227 | 32.5546875 | 32.67401 | -117.11608 | 32.646713 | 32.6742 | -117.116053 |
| 32.4616319 | 32.673963 | -117.116227 | 32.5548611 | 32.67401 | -117.11608 | 32.6468866 | 32.6742 | -117.116053 |
| 32.4619444 | 32.673963 | -117.116227 | 32.5550347 | 32.67401 | -117.11608 | 32.6470602 | 32.6742 | -117.116053 |
| 32.4621644 | 32.673963 | -117.116213 | 32.5552199 | 32.67401 | -117.11608 | 32.6472222 | 32.6742 | -117.116053 |
| 32.4623380 | 32.673963 | -117.116213 | 32.5574884 | 32.67402 | -117.116093 | 32.6473958 | 32.67419 | -117.116053 |
| 32.4625116 | 32.673963 | -117.116213 | 32.5576968 | 32.67402 | -117.116093 | 32.647581 | 32.6742 | -117.116053 |
| 32.4626852 | 32.673963 | -117.116213 | 32.5578241 | 32.67402 | -117.116093 | 32.6477546 | 32.6742 | -117.116053 |
| 32.4628472 | 32.673963 | -117.116213 | 32.5579977 | 32.67402 | -117.116093 | 32.6479282 | 32.6742 | -117.116053 |
| 32.4630208 | 32.673963 | -117.116213 | 32.5581713 | 32.67402 | -117.116093 | 32.6489699 | 32.6742 | -117.116053 |
| 32.4632060 | 32.673963 | -117.116213 | 32.5583333 | 32.67402 | -117.116093 | 32.6491435 | 32.6742 | -117.116053 |
| 32.4633796 | 32.673963 | -117.116213 | 32.5585069 | 32.67402 | -117.116093 | 32.6493171 | 32.6742 | -117.116053 |
| 32.4635532 | 32.673963 | -117.116213 | 32.5586921 | 32.67402 | -117.116093 | 32.6494792 | 32.6742 | -117.116053 |
| 32.4637269 | 32.673963 | -117.116213 | 32.5588657 | 32.67402 | -117.116093 | 32.6496528 | 32.6742 | -117.116053 |
| 32.4639005 | 32.673963 | -117.116213 | 32.5590394 | 32.67402 | -117.116093 | 32.6498495 | 32.6742 | -117.116053 |
| 32.4640625 | 32.673963 | -117.116213 | 32.559213 | 32.67402 | -117.116093 | 32.65 | 32.6742 | -117.116053 |
| 32.4642361 | 32.673963 | -117.116213 | 32.5593866 | 32.67402 | -117.116093 | 32.6501736 | 32.67419 | -117.116053 |
| 32.4644097 | 32.673963 | -117.116213 | 32.5595602 | 32.67402 | -117.116093 | 32.6503588 | 32.6742 | -117.116053 |
| 32.4645833 | 32.673963 | -117.116213 | 32.5597338 | 32.67402 | -117.116093 | 32.6505671 | 32.6742 | -117.116053 |
| 32.4647569 | 32.673963 | -117.116213 | 32.5599074 | 32.67402 | -117.116093 | 32.6506944 | 32.67421 | -117.116053 |
| 32.4649421 | 32.673963 | -117.116213 | 32.5600694 | 32.67402 | -117.116093 | 32.6508681 | 32.67421 | -117.116027 |
| 32.4670602 | 32.673960 | -117.116213 | 32.5602431 | 32.67402 | -117.116093 | 32.6510532 | 32.6742 | -117.116027 |
| 32.4671875 | 32.673960 | -117.116213 | 32.5604167 | 32.67402 | -117.116093 | 32.6512269 | 32.6742 | -117.116027 |
| 32.4673727 | 32.673960 | -117.116213 | 32.5605903 | 32.67402 | -117.116093 | 32.6514005 | 32.6742 | -117.116027 |
| 32.4675694 | 32.673960 | -117.116200 | 32.5614699 | 32.67403 | -117.11608 | 32.6515741 | 32.6742 | -117.116027 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4677199 | 32.673960 | -117.116200 | 32.5616435 | 32.67403 | -117.11608 | 32.6517477 | 32.6742 | -117.116027 |
| 32.4678819 | 32.673960 | -117.116200 | 32.5618171 | 32.67403 | -117.11608 | 32.6519213 | 32.6742 | -117.116027 |
| 32.4680556 | 32.673960 | -117.116200 | 32.5619907 | 32.67404 | -117.11608 | 32.6520833 | 32.67419 | -117.116027 |
| 32.4682407 | 32.673960 | -117.116200 | 32.5621644 | 32.67404 | -117.11608 | 32.6540509 | 32.67418 | -117.116027 |
| 32.4684144 | 32.673960 | -117.116200 | 32.5623264 | 32.67405 | -117.11608 | 32.6541782 | 32.67418 | -117.116027 |
| 32.4685880 | 32.673960 | -117.116200 | 32.5625 | 32.67405 | -117.11608 | 32.6543519 | 32.67418 | -117.116027 |
| 32.4687500 | 32.673960 | -117.116200 | 32.5626736 | 32.67405 | -117.11608 | 32.6545255 | 32.67418 | -117.116013 |
| 32.4689236 | 32.673960 | -117.116200 | 32.5628472 | 32.67405 | -117.116067 | 32.6546991 | 32.67419 | -117.116013 |
| 32.4691088 | 32.673960 | -117.116200 | 32.5630208 | 32.67407 | -117.116067 | 32.6548611 | 32.67418 | -117.116013 |
| 32.4692824 | 32.673960 | -117.116200 | 32.5631944 | 32.67408 | -117.116067 | 32.6550347 | 32.67418 | -117.116013 |
| 32.4694560 | 32.673960 | -117.116200 | 32.5633681 | 32.67408 | -117.116067 | 32.6552199 | 32.67418 | -117.116 |
| 32.4696296 | 32.673953 | -117.116200 | 32.5635417 | 32.67408 | -117.116053 | 32.6553819 | 32.67418 | -117.116 |
| 32.4698032 | 32.673953 | -117.116200 | 32.5637153 | 32.6741 | -117.116053 | 32.6555556 | 32.67418 | -117.115987 |
| 32.4699769 | 32.673953 | -117.116200 | 32.5639005 | 32.6741 | -117.116053 | 32.6557407 | 32.67417 | -117.115987 |
| 32.4701389 | 32.673950 | -117.116200 | 32.5640625 | 32.6741 | -117.116053 | 32.6559144 | 32.67418 | -117.115987 |
| 32.4730903 | 32.673947 | -117.116200 | 32.5642361 | 32.67412 | -117.116053 | 32.6560764 | 32.67417 | -117.115987 |
| 32.4732755 | 32.673943 | -117.116200 | 32.5644097 | 32.67413 | -117.116027 | 32.65625 | 32.67418 | -117.115987 |
| 32.4734491 | 32.673943 | -117.116200 | 32.5645833 | 32.67414 | -117.116027 | 32.6565162 | 32.67418 | -117.115987 |
| 32.4736227 | 32.673943 | -117.116160 | 32.5647569 | 32.67415 | -117.116027 | 32.6565972 | 32.67418 | -117.115987 |
| 32.4737963 | 32.673943 | -117.116160 | 32.5652778 | 32.67416 | -117.116013 | 32.6567708 | 32.67418 | -117.115987 |
| 32.4739699 | 32.673943 | -117.116160 | 32.5654514 | 32.67416 | -117.116013 | 32.6569444 | 32.67418 | -117.115987 |
| 32.4741319 | 32.673943 | -117.116160 | 32.565625 | 32.67416 | -117.116013 | 32.6571296 | 32.67418 | -117.115987 |
| 32.4743056 | 32.673943 | -117.116160 | 32.5657986 | 32.67416 | -117.116013 | 32.6573032 | 32.67418 | -117.115987 |
| 32.4744792 | 32.673943 | -117.116160 | 32.5659838 | 32.67416 | -117.116013 | 32.6578125 | 32.67419 | -117.115987 |
| 32.4746528 | 32.673937 | -117.116160 | 32.5661574 | 32.67416 | -117.116013 | 32.6579861 | 32.67419 | -117.115987 |
| 32.4748380 | 32.673937 | -117.116147 | 32.5663194 | 32.67416 | -117.116013 | 32.6581713 | 32.67419 | -117.115987 |
| 32.4750116 | 32.673937 | -117.116147 | 32.5664931 | 32.67416 | -117.116013 | 32.6583449 | 32.67419 | -117.115987 |
| 32.4751852 | 32.673937 | -117.116147 | 32.5666667 | 32.67416 | -117.116013 | 32.6585185 | 32.67419 | -117.115987 |
| 32.4753819 | 32.673937 | -117.116147 | 32.5668519 | 32.67417 | -117.116013 | 32.6586921 | 32.67419 | -117.115987 |
| 32.4755324 | 32.673937 | -117.116147 | 32.5670255 | 32.67417 | -117.116013 | 32.6588657 | 32.67419 | -117.115987 |
| 32.4756944 | 32.673937 | -117.116147 | 32.5671991 | 32.67417 | -117.116013 | 32.6590394 | 32.6742 | -117.115987 |
| 32.4758681 | 32.673937 | -117.116147 | 32.5673727 | 32.67417 | -117.116013 | 32.659213 | 32.6742 | -117.115987 |
| 32.4760417 | 32.673937 | -117.116147 | 32.5675579 | 32.67417 | -117.116013 | 32.6593866 | 32.6742 | -117.115987 |
| 32.4762153 | 32.673937 | -117.116147 | 32.5677083 | 32.67417 | -117.116013 | 32.6595602 | 32.6742 | -117.115987 |
| 32.4783565 | 32.673937 | -117.116133 | 32.5678819 | 32.67417 | -117.116013 | 32.6597222 | 32.6742 | -117.115987 |
| 32.4784838 | 32.673937 | -117.116133 | 32.5680671 | 32.67417 | -117.116013 | 32.6598958 | 32.6742 | -117.115987 |
| 32.4786574 | 32.673937 | -117.116133 | 32.5682407 | 32.67417 | -117.116013 | 32.660081 | 32.6742 | -117.115987 |
| 32.4788194 | 32.673937 | -117.116133 | 32.5684028 | 32.67417 | -117.116013 | 32.6602546 | 32.6742 | -117.115987 |
| 32.4789931 | 32.673937 | -117.116133 | 32.568588 | 32.67417 | -117.116013 | 32.6604167 | 32.6742 | -117.115987 |
| 32.4791667 | 32.673937 | -117.116133 | 32.5706597 | 32.67418 | -117.116 | 32.6605903 | 32.6742 | -117.115987 |
| 32.4793403 | 32.673937 | -117.116133 | 32.5708333 | 32.67418 | -117.116 | 32.6607639 | 32.6742 | -117.115987 |
| 32.4795255 | 32.673937 | -117.116133 | 32.5710185 | 32.67418 | -117.116 | 32.6609491 | 32.6742 | -117.115987 |
| 32.4796991 | 32.673937 | -117.116133 | 32.5711921 | 32.67418 | -117.116 | 32.6611227 | 32.67421 | -117.115987 |
| 32.4798727 | 32.673933 | -117.116133 | 32.5713542 | 32.67418 | -117.116 | 32.6632523 | 32.67421 | -117.115987 |
| 32.4800463 | 32.673933 | -117.116133 | 32.5715278 | 32.67418 | -117.116 | 32.6633796 | 32.67421 | -117.115987 |
| 32.4802199 | 32.673933 | -117.116133 | 32.5717014 | 32.67418 | -117.116 | 32.6635532 | 32.67421 | -117.115987 |
| 32.4803819 | 32.673933 | -117.116107 | 32.5718866 | 32.67418 | -117.116 | 32.6637269 | 32.67421 | -117.115987 |
| 32.4805556 | 32.673933 | -117.116107 | 32.5720602 | 32.67418 | -117.116 | 32.6639699 | 32.67421 | -117.115973 |
| 32.4807292 | 32.673933 | -117.116107 | 32.5722338 | 32.67418 | -117.116 | 32.6640625 | 32.67421 | -117.115973 |
| 32.4809028 | 32.673933 | -117.116107 | 32.5724074 | 32.67418 | -117.116 | 32.6642361 | 32.67421 | -117.115973 |
| 32.4810880 | 32.673933 | -117.116107 | 32.5725694 | 32.67418 | -117.116 | 32.6644213 | 32.67421 | -117.115973 |
| 32.4812616 | 32.673933 | -117.116107 | 32.5727431 | 32.67418 | -117.116 | 32.6645949 | 32.67421 | -117.115973 |
| 32.4814352 | 32.673933 | -117.116107 | 32.5729167 | 32.67418 | -117.116 | 32.6647569 | 32.67421 | -117.115973 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4819444 | 32.673930 | -117.116107 | 32.5730903 | 32.67418 | -117.116 | 32.6649306 | 32.67421 | -117.115973 |
| 32.4821181 | 32.673930 | -117.116107 | 32.5733565 | 32.67418 | -117.116 | 32.6651042 | 32.67421 | -117.115973 |
| 32.4823032 | 32.673930 | -117.116107 | 32.5734491 | 32.67418 | -117.116 | 32.6652778 | 32.67421 | -117.115973 |
| 32.4824769 | 32.673930 | -117.116107 | 32.5736227 | 32.67418 | -117.116 | 32.6654514 | 32.67421 | -117.115973 |
| 32.4826505 | 32.673930 | -117.116107 | 32.5737963 | 32.67419 | -117.116 | 32.665625 | 32.67421 | -117.115973 |
| 32.4828241 | 32.673930 | -117.116107 | 32.5744907 | 32.67419 | -117.116 | 32.6658218 | 32.67421 | -117.115973 |
| 32.4829977 | 32.673930 | -117.116107 | 32.5746644 | 32.67419 | -117.116 | 32.6659722 | 32.67421 | -117.115973 |
| 32.4831713 | 32.673930 | -117.116107 | 32.574838 | 32.67419 | -117.116 | 32.6661458 | 32.67421 | -117.115973 |
| 32.4833333 | 32.673930 | -117.116107 | 32.5750116 | 32.67419 | -117.115987 | 32.666331 | 32.67421 | -117.115973 |
| 32.4835069 | 32.673927 | -117.116093 | 32.5751852 | 32.67419 | -117.115987 | 32.668588 | 32.6742 | -117.115987 |
| 32.4836806 | 32.673927 | -117.116093 | 32.5753588 | 32.67419 | -117.115987 | 32.6687616 | 32.6742 | -117.115987 |
| 32.4838542 | 32.673927 | -117.116093 | 32.5755208 | 32.67419 | -117.115987 | 32.6689352 | 32.6742 | -117.115987 |
| 32.4840278 | 32.673923 | -117.116080 | 32.5756944 | 32.67419 | -117.115987 | 32.6691088 | 32.67419 | -117.115987 |
| 32.4842593 | 32.673923 | -117.116080 | 32.5758796 | 32.67419 | -117.115987 | 32.6692824 | 32.67419 | -117.115987 |
| 32.4843866 | 32.673923 | -117.116080 | 32.5760532 | 32.67419 | -117.115987 | 32.669456 | 32.67419 | -117.115987 |

DrEx 112

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3667361 | 32.674150 | -117.116147 | 32.4760417 | 32.672637 | -117.116880 | 32.5840394 | 32.67284 | -117.11668 |
| 32.3668403 | 32.674140 | -117.116147 | 32.4762616 | 32.672637 | -117.116880 | 32.584213 | 32.67284 | -117.11668 |
| 32.3670255 | 32.674183 | -117.116107 | 32.4786458 | 32.672637 | -117.116893 | 32.5859375 | 32.67286 | -117.116667 |
| 32.3671991 | 32.674173 | -117.116133 | 32.4788194 | 32.672637 | -117.116893 | 32.5861111 | 32.67286 | -117.116667 |
| 32.3673611 | 32.674163 | -117.116107 | 32.4790046 | 32.672637 | -117.116893 | 32.5862847 | 32.67287 | -117.116667 |
| 32.3675347 | 32.674127 | -117.116027 | 32.4791782 | 32.672637 | -117.116893 | 32.5864583 | 32.67288 | -117.116653 |
| 32.3677083 | 32.674113 | -117.116013 | 32.4793403 | 32.672637 | -117.116893 | 32.5866319 | 32.67288 | -117.116653 |
| 32.3678819 | 32.674110 | -117.116013 | 32.4795139 | 32.672637 | -117.116893 | 32.5868056 | 32.67288 | -117.116653 |
| 32.3680671 | 32.674090 | -117.116000 | 32.4796875 | 32.672637 | -117.116893 | 32.5869907 | 32.67288 | -117.116653 |
| 32.3682523 | 32.674067 | -117.116000 | 32.4798611 | 32.672637 | -117.116893 | 32.5871644 | 32.67288 | -117.116653 |
| 32.3684028 | 32.674060 | -117.115987 | 32.4800347 | 32.672637 | -117.116893 | 32.5873495 | 32.67288 | -117.116653 |
| 32.3685764 | 32.674053 | -117.115987 | 32.4802199 | 32.672637 | -117.116893 | 32.5875 | 32.67288 | -117.116653 |
| 32.3687616 | 32.674053 | -117.115987 | 32.4803935 | 32.672637 | -117.116893 | 32.5876968 | 32.67288 | -117.116653 |
| 32.3689352 | 32.674053 | -117.115987 | 32.4805671 | 32.672637 | -117.116907 | 32.5878588 | 32.67288 | -117.116653 |
| 32.3690972 | 32.674053 | -117.115987 | 32.4807755 | 32.672637 | -117.116907 | 32.5880324 | 32.67288 | -117.116653 |
| 32.3692708 | 32.674053 | -117.115987 | 32.4809028 | 32.672637 | -117.116907 | 32.588206 | 32.67288 | -117.116653 |
| 32.3694444 | 32.674053 | -117.116000 | 32.4810764 | 32.672637 | -117.116907 | 32.5883796 | 32.67288 | -117.116653 |
| 32.3696181 | 32.674053 | -117.116000 | 32.4812500 | 32.672637 | -117.116907 | 32.5885532 | 32.67288 | -117.116653 |
| 32.3698727 | 32.674047 | -117.116000 | 32.4814236 | 32.672637 | -117.116907 | 32.5887269 | 32.67288 | -117.116653 |
| 32.3699769 | 32.674047 | -117.116000 | 32.4815972 | 32.672637 | -117.116907 | 32.588912 | 32.67288 | -117.116653 |
| 32.3729282 | 32.673933 | -117.116053 | 32.4817824 | 32.672637 | -117.116933 | 32.5890625 | 32.67288 | -117.116653 |
| 32.3731019 | 32.673907 | -117.116053 | 32.4840278 | 32.672633 | -117.116933 | 32.5892361 | 32.67288 | -117.116653 |
| 32.3732755 | 32.673897 | -117.116053 | 32.4842130 | 32.672633 | -117.116933 | 32.5901042 | 32.6729 | -117.116653 |
| 32.3734491 | 32.673877 | -117.116067 | 32.4843866 | 32.672633 | -117.116933 | 32.5902778 | 32.67291 | -117.11664 |
| 32.3736227 | 32.673877 | -117.116067 | 32.4845602 | 32.672633 | -117.116933 | 32.590463 | 32.67291 | -117.11664 |
| 32.3737963 | 32.673863 | -117.116067 | 32.4847338 | 32.672633 | -117.116933 | 32.590706 | 32.67292 | -117.11664 |
| 32.3739699 | 32.673857 | -117.116067 | 32.4849074 | 32.672633 | -117.116933 | 32.5908102 | 32.67292 | -117.11664 |
| 32.3741435 | 32.673843 | -117.116067 | 32.4850810 | 32.672633 | -117.116933 | 32.5909838 | 32.67292 | -117.116613 |
| 32.3743171 | 32.673827 | -117.116067 | 32.4852546 | 32.672633 | -117.116933 | 32.5911574 | 32.67292 | -117.116613 |
| 32.3744907 | 32.673820 | -117.116067 | 32.4854167 | 32.672633 | -117.116933 | 32.591331 | 32.67292 | -117.116613 |
| 32.3746644 | 32.673807 | -117.116067 | 32.4855903 | 32.672633 | -117.116933 | 32.5915046 | 32.67292 | -117.116613 |
| 32.3748380 | 32.673787 | -117.116067 | 32.4857639 | 32.67263 | -117.116933 | 32.5916782 | 32.67292 | -117.116613 |
| 32.3750116 | 32.673777 | -117.116067 | 32.4859375 | 32.67263 | -117.116933 | 32.5918519 | 32.67292 | -117.116613 |
| 32.3753125 | 32.673777 | -117.116067 | 32.4861111 | 32.67263 | -117.116933 | 32.5920255 | 32.67292 | -117.116613 |
| 32.3755208 | 32.673777 | -117.116080 | 32.4862847 | 32.67263 | -117.116933 | 32.5921991 | 32.67293 | -117.116613 |
| 32.3756944 | 32.673770 | -117.116080 | 32.4864583 | 32.67263 | -117.116933 | 32.5923727 | 32.67293 | -117.1166 |
| 32.3758681 | 32.673770 | -117.116080 | 32.4866667 | 32.67263 | -117.116947 | 32.5925579 | 32.67294 | -117.1166 |
| 32.3760417 | 32.673770 | -117.116080 | 32.4868171 | 32.67263 | -117.116947 | 32.5927083 | 32.67294 | -117.1166 |
| 32.3762269 | 32.673767 | -117.116080 | 32.4869907 | 32.67263 | -117.116947 | 32.5928819 | 32.67294 | -117.1166 |
| 32.3767708 | 32.673763 | -117.116080 | 32.4871644 | 32.67263 | -117.116947 | 32.5930556 | 32.67294 | -117.1166 |
| 32.3769097 | 32.673763 | -117.116080 | 32.4892708 | 32.67263 | -117.116987 | 32.5932292 | 32.67294 | -117.1166 |
| 32.3770833 | 32.673760 | -117.116080 | 32.4894097 | 32.67263 | -117.116987 | 32.5934375 | 32.67294 | -117.1166 |
| 32.3772685 | 32.673760 | -117.116080 | 32.4895833 | 32.67263 | -117.116987 | 32.5949769 | 32.67298 | -117.1166 |
| 32.3774421 | 32.673760 | -117.116080 | 32.4897569 | 32.67263 | -117.116987 | 32.5951505 | 32.67299 | -117.1166 |
| 32.3776042 | 32.673753 | -117.116080 | 32.4899306 | 32.67263 | -117.116987 | 32.5953241 | 32.67301 | -117.1166 |
| 32.3778241 | 32.673753 | -117.116080 | 32.4901157 | 32.67263 | -117.116987 | 32.5954977 | 32.67301 | -117.1166 |
| 32.3779514 | 32.673753 | -117.116080 | 32.4902894 | 32.67263 | -117.116987 | 32.5957176 | 32.67302 | -117.116587 |
| 32.3781250 | 32.673753 | -117.116080 | 32.490463 | 32.67263 | -117.116987 | 32.5958449 | 32.67303 | -117.116587 |
| 32.3782986 | 32.673753 | -117.116093 | 32.4906366 | 32.67263 | -117.116987 | 32.5960532 | 32.67303 | -117.116587 |
| 32.3784838 | 32.673733 | -117.116107 | 32.4908102 | 32.67263 | -117.116987 | 32.5961806 | 32.67304 | -117.116587 |
| 32.3786574 | 32.673723 | -117.116133 | 32.4909838 | 32.67263 | -117.116987 | 32.5963542 | 32.67305 | -117.116587 |
| 32.3788310 | 32.673717 | -117.116133 | 32.4911458 | 32.67263 | -117.116987 | 32.5965394 | 32.67305 | -117.116587 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3790046 | 32.673710 | -117.116147 | 32.4913194 | 32.67263 | -117.116987 | 32.596713 | 32.67305 | -117.116587 |
| 32.3791782 | 32.673710 | -117.116147 | 32.4914931 | 32.67263 | -117.116987 | 32.5968866 | 32.67305 | -117.116587 |
| 32.3793519 | 32.673693 | -117.116160 | 32.4916667 | 32.67263 | -117.116987 | 32.5971181 | 32.67305 | -117.116587 |
| 32.3795139 | 32.673693 | -117.116160 | 32.4918519 | 32.67263 | -117.116987 | 32.5972222 | 32.67305 | -117.116587 |
| 32.3796875 | 32.673693 | -117.116160 | 32.4920255 | 32.67263 | -117.116987 | 32.5973958 | 32.67305 | -117.116587 |
| 32.3798611 | 32.673690 | -117.116160 | 32.4922454 | 32.67263 | -117.116987 | 32.5975694 | 32.67305 | -117.116587 |
| 32.3814236 | 32.673653 | -117.116213 | 32.4923727 | 32.67263 | -117.116987 | 32.5977662 | 32.67305 | -117.116587 |
| 32.3815972 | 32.673650 | -117.116213 | 32.4925463 | 32.67263 | -117.116987 | 32.5979282 | 32.67305 | -117.116573 |
| 32.3817824 | 32.673650 | -117.116213 | 32.4935764 | 32.67263 | -117.116987 | 32.5981019 | 32.67305 | -117.116573 |
| 32.3819560 | 32.673650 | -117.116213 | 32.49375 | 32.67263 | -117.116987 | 32.5986111 | 32.67305 | -117.116547 |
| 32.3821296 | 32.673650 | -117.116213 | 32.4939699 | 32.67263 | -117.117013 | 32.5987847 | 32.67305 | -117.116547 |
| 32.3823032 | 32.673647 | -117.116227 | 32.4941088 | 32.67263 | -117.117013 | 32.5989699 | 32.67305 | -117.116547 |
| 32.3824769 | 32.673647 | -117.116227 | 32.4942824 | 32.67263 | -117.117013 | 32.5992014 | 32.67306 | -117.116547 |
| 32.3826505 | 32.673647 | -117.116227 | 32.494456 | 32.67263 | -117.117013 | 32.5993056 | 32.67306 | -117.116547 |
| 32.3828241 | 32.673647 | -117.116227 | 32.4946296 | 32.67263 | -117.117013 | 32.5994792 | 32.67306 | -117.116547 |
| 32.3829977 | 32.673640 | -117.116240 | 32.4948032 | 32.67263 | -117.117013 | 32.5996644 | 32.67306 | -117.116547 |
| 32.3831713 | 32.673640 | -117.116240 | 32.4949769 | 32.67263 | -117.117013 | 32.599838 | 32.67306 | -117.116547 |
| 32.3833449 | 32.673637 | -117.116240 | 32.4951505 | 32.67263 | -117.117013 | 32.6000116 | 32.67306 | -117.116547 |
| 32.3835185 | 32.673620 | -117.116253 | 32.4953241 | 32.67263 | -117.117013 | 32.6001852 | 32.67306 | -117.116547 |
| 32.3836921 | 32.673620 | -117.116253 | 32.4954977 | 32.67263 | -117.117013 | 32.6003588 | 32.67306 | -117.116547 |
| 32.3838657 | 32.673617 | -117.116253 | 32.4956713 | 32.67263 | -117.117013 | 32.6005324 | 32.67306 | -117.116547 |
| 32.3840278 | 32.673617 | -117.116253 | 32.4958449 | 32.67263 | -117.117013 | 32.600706 | 32.67306 | -117.116547 |
| 32.3842014 | 32.673617 | -117.116253 | 32.4960185 | 32.67263 | -117.117013 | 32.6008796 | 32.67306 | -117.116547 |
| 32.3843866 | 32.673613 | -117.116253 | 32.4961921 | 32.67263 | -117.117013 | 32.6010532 | 32.67306 | -117.116547 |
| 32.3845602 | 32.673613 | -117.116253 | 32.4963657 | 32.67263 | -117.117013 | 32.6012847 | 32.67306 | -117.116547 |
| 32.3847222 | 32.673610 | -117.116253 | 32.4965278 | 32.67264 | -117.117013 | 32.6013889 | 32.67306 | -117.116547 |
| 32.3871528 | 32.673580 | -117.116320 | 32.4967014 | 32.67264 | -117.117013 | 32.6015625 | 32.67306 | -117.116533 |
| 32.3873264 | 32.673580 | -117.116320 | 32.4968866 | 32.67264 | -117.117027 | 32.6017361 | 32.67306 | -117.116533 |
| 32.3875000 | 32.673580 | -117.116320 | 32.4974306 | 32.67264 | -117.117027 | 32.6022685 | 32.67306 | -117.116533 |
| 32.3876736 | 32.673577 | -117.116320 | 32.497581 | 32.67264 | -117.117027 | 32.6024421 | 32.67306 | -117.116533 |
| 32.3878819 | 32.673567 | -117.116347 | 32.4977546 | 32.67264 | -117.117027 | 32.6026157 | 32.67306 | -117.116533 |
| 32.3880324 | 32.673567 | -117.116347 | 32.4979167 | 32.67264 | -117.117027 | 32.6027894 | 32.67306 | -117.11652 |
| 32.3882060 | 32.673567 | -117.116347 | 32.4980903 | 32.67264 | -117.117027 | 32.602963 | 32.67306 | -117.11652 |
| 32.3883796 | 32.673563 | -117.116347 | 32.4982639 | 32.67264 | -117.117027 | 32.6031366 | 32.67306 | -117.11652 |
| 32.3885532 | 32.673563 | -117.116347 | 32.4984491 | 32.67264 | -117.117027 | 32.6033102 | 32.67307 | -117.11652 |
| 32.3887269 | 32.673563 | -117.116347 | 32.4986227 | 32.67264 | -117.11704 | 32.6034838 | 32.67307 | -117.11652 |
| 32.3889005 | 32.673560 | -117.116347 | 32.4987963 | 32.67264 | -117.11704 | 32.6036574 | 32.67308 | -117.116493 |
| 32.3890741 | 32.673560 | -117.116347 | 32.4989699 | 32.67264 | -117.11704 | 32.6038194 | 32.67308 | -117.116467 |
| 32.3892477 | 32.673560 | -117.116347 | 32.4991435 | 32.67264 | -117.11704 | 32.6039931 | 32.67309 | -117.116453 |
| 32.3894444 | 32.673557 | -117.116347 | 32.4993171 | 32.67264 | -117.117053 | 32.6041782 | 32.67309 | -117.116453 |
| 32.3895833 | 32.673557 | -117.116360 | 32.4995023 | 32.67264 | -117.117053 | 32.6043519 | 32.6731 | -117.116427 |
| 32.3897917 | 32.673550 | -117.116360 | 32.4996528 | 32.67264 | -117.117053 | 32.6045255 | 32.6731 | -117.1164 |
| 32.3899421 | 32.673550 | -117.116360 | 32.4998264 | 32.67264 | -117.117053 | 32.6046991 | 32.6731 | -117.1164 |
| 32.3901157 | 32.673550 | -117.116360 | 32.5 | 32.67264 | -117.117053 | 32.6048727 | 32.6731 | -117.1164 |
| 32.3902778 | 32.673550 | -117.116360 | 32.5001736 | 32.67264 | -117.117053 | 32.6050463 | 32.6731 | -117.1164 |
| 32.3931482 | 32.673463 | -117.116427 | 32.5003472 | 32.67264 | -117.117053 | 32.6052083 | 32.6731 | -117.1164 |
| 32.3932292 | 32.673463 | -117.116427 | 32.5005324 | 32.67264 | -117.117053 | 32.6053819 | 32.6731 | -117.1164 |
| 32.3934144 | 32.673440 | -117.116453 | 32.5015625 | 32.67264 | -117.11708 | 32.6083449 | 32.67309 | -117.11628 |
| 32.3935880 | 32.673440 | -117.116453 | 32.5017361 | 32.67264 | -117.11708 | 32.6085185 | 32.67309 | -117.11628 |
| 32.3937616 | 32.673437 | -117.116453 | 32.5019097 | 32.67264 | -117.11708 | 32.6086921 | 32.67308 | -117.116253 |
| 32.3939236 | 32.673433 | -117.116453 | 32.5021181 | 32.67264 | -117.11708 | 32.6088657 | 32.67307 | -117.116253 |
| 32.3940972 | 32.673433 | -117.116453 | 32.5022685 | 32.67264 | -117.11708 | 32.6090394 | 32.67306 | -117.116253 |
| 32.3942824 | 32.673430 | -117.116453 | 32.5024421 | 32.67264 | -117.11708 | 32.6092014 | 32.67307 | -117.11624 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3944560 | 32.673430 | -117.116467 | 32.5026042 | 32.67264 | -117.11708 | 32.609375 | 32.67307 | -117.116227 |
| 32.3946296 | 32.673427 | -117.116467 | 32.5027778 | 32.67264 | -117.11708 | 32.6095486 | 32.67307 | -117.116227 |
| 32.3948032 | 32.673427 | -117.116467 | 32.5029514 | 32.67264 | -117.11708 | 32.6097222 | 32.67308 | -117.116213 |
| 32.3949769 | 32.673427 | -117.116467 | 32.503125 | 32.67264 | -117.11708 | 32.6098958 | 32.67307 | -117.116213 |
| 32.3951505 | 32.673427 | -117.116467 | 32.5032986 | 32.67264 | -117.11708 | 32.6100694 | 32.67308 | -117.1162 |
| 32.3953241 | 32.673403 | -117.116467 | 32.5034838 | 32.67264 | -117.11708 | 32.6102431 | 32.67308 | -117.1162 |
| 32.3955440 | 32.673403 | -117.116467 | 32.5036574 | 32.67264 | -117.11708 | 32.6104167 | 32.67307 | -117.1162 |
| 32.3956713 | 32.673403 | -117.116467 | 32.503831 | 32.67264 | -117.11708 | 32.6105903 | 32.67307 | -117.1162 |
| 32.3958449 | 32.673403 | -117.116493 | 32.5040046 | 32.67264 | -117.11708 | 32.6107986 | 32.67306 | -117.1162 |
| 32.3960069 | 32.673403 | -117.116493 | 32.5041782 | 32.67264 | -117.11708 | 32.6109491 | 32.67306 | -117.1162 |
| 32.3961806 | 32.673400 | -117.116493 | 32.5043519 | 32.67264 | -117.11708 | 32.6111111 | 32.67303 | -117.116173 |
| 32.3965394 | 32.673397 | -117.116493 | 32.5045255 | 32.67264 | -117.11708 | 32.6112847 | 32.67302 | -117.11616 |
| 32.3967130 | 32.673393 | -117.116493 | 32.5046875 | 32.67264 | -117.11708 | 32.6114583 | 32.67302 | -117.116147 |
| 32.3968750 | 32.673393 | -117.116493 | 32.5048611 | 32.67264 | -117.117093 | 32.6119792 | 32.67301 | -117.11616 |
| 32.3970486 | 32.673390 | -117.116493 | 32.5072917 | 32.67264 | -117.11712 | 32.6121528 | 32.67302 | -117.1162 |
| 32.3972222 | 32.673390 | -117.116493 | 32.5074653 | 32.67265 | -117.11712 | 32.6123264 | 32.67302 | -117.11616 |
| 32.3975000 | 32.673367 | -117.116493 | 32.5076389 | 32.67265 | -117.11712 | 32.6125926 | 32.67302 | -117.116147 |
| 32.3975810 | 32.673343 | -117.116507 | 32.5078819 | 32.67265 | -117.11712 | 32.6126736 | 32.67301 | -117.116147 |
| 32.3977546 | 32.673340 | -117.116507 | 32.5079861 | 32.67265 | -117.11712 | 32.6128588 | 32.67301 | -117.116173 |
| 32.3979282 | 32.673310 | -117.116520 | 32.5081597 | 32.67265 | -117.11712 | 32.6130324 | 32.67302 | -117.1162 |
| 32.3981482 | 32.673297 | -117.116520 | 32.5083333 | 32.67265 | -117.11712 | 32.613206 | 32.67302 | -117.1162 |
| 32.3982755 | 32.673273 | -117.116520 | 32.5085648 | 32.67265 | -117.117133 | 32.6133796 | 32.67303 | -117.1162 |
| 32.3984491 | 32.673273 | -117.116520 | 32.5086921 | 32.67265 | -117.117133 | 32.6135417 | 32.67302 | -117.1162 |
| 32.3986227 | 32.673273 | -117.116520 | 32.5088657 | 32.67265 | -117.117133 | 32.6137153 | 32.67301 | -117.1162 |
| 32.3987963 | 32.673273 | -117.116520 | 32.5090278 | 32.67265 | -117.117133 | 32.6139005 | 32.67301 | -117.1162 |
| 32.3989699 | 32.673270 | -117.116520 | 32.5092014 | 32.67265 | -117.117133 | 32.6140741 | 32.67302 | -117.1162 |
| 32.3991435 | 32.673267 | -117.116520 | 32.509375 | 32.67265 | -117.117133 | 32.6142477 | 32.67301 | -117.1162 |
| 32.3993634 | 32.673267 | -117.116520 | 32.5095602 | 32.67265 | -117.117133 | 32.6144097 | 32.67301 | -117.1162 |
| 32.3994907 | 32.673267 | -117.116520 | 32.5097338 | 32.67265 | -117.117133 | 32.6145833 | 32.67301 | -117.1162 |
| 32.3996528 | 32.673263 | -117.116520 | 32.5099074 | 32.67265 | -117.117133 | 32.6147917 | 32.673 | -117.1162 |
| 32.3998264 | 32.673263 | -117.116533 | 32.510081 | 32.67265 | -117.117133 | 32.6149421 | 32.673 | -117.1162 |
| 32.4011111 | 32.673250 | -117.116533 | 32.5102431 | 32.67265 | -117.117133 | 32.6151736 | 32.67299 | -117.1162 |
| 32.4012153 | 32.673247 | -117.116533 | 32.5104167 | 32.67265 | -117.117133 | 32.6152778 | 32.67299 | -117.1162 |
| 32.4014352 | 32.673247 | -117.116533 | 32.5125 | 32.67265 | -117.11716 | 32.6173611 | 32.67299 | -117.116307 |
| 32.4015625 | 32.673243 | -117.116533 | 32.5126736 | 32.67265 | -117.11716 | 32.6176042 | 32.67299 | -117.116307 |
| 32.4017361 | 32.673243 | -117.116533 | 32.5128472 | 32.67265 | -117.11716 | 32.6177083 | 32.67298 | -117.116307 |
| 32.4019560 | 32.673237 | -117.116533 | 32.5130208 | 32.67265 | -117.11716 | 32.6178935 | 32.67297 | -117.116307 |
| 32.4020949 | 32.673237 | -117.116533 | 32.513206 | 32.67265 | -117.11716 | 32.6180671 | 32.67296 | -117.116307 |
| 32.4022685 | 32.673237 | -117.116533 | 32.5133796 | 32.67265 | -117.11716 | 32.6182407 | 32.67296 | -117.116293 |
| 32.4024421 | 32.673237 | -117.116533 | 32.5135417 | 32.67265 | -117.117173 | 32.6184144 | 32.67295 | -117.116293 |
| 32.4026157 | 32.673230 | -117.116533 | 32.5137153 | 32.67265 | -117.117173 | 32.618588 | 32.67295 | -117.116307 |
| 32.4027894 | 32.673227 | -117.116533 | 32.5139005 | 32.67265 | -117.117173 | 32.6187616 | 32.67294 | -117.116307 |
| 32.4029630 | 32.673227 | -117.116533 | 32.5140741 | 32.67265 | -117.117173 | 32.6189352 | 32.67294 | -117.11632 |
| 32.4031366 | 32.673223 | -117.116533 | 32.514294 | 32.67265 | -117.117173 | 32.6191088 | 32.67294 | -117.11632 |
| 32.4033102 | 32.673223 | -117.116533 | 32.5144213 | 32.67265 | -117.117187 | 32.6192824 | 32.67294 | -117.11632 |
| 32.4034838 | 32.673223 | -117.116533 | 32.5145949 | 32.67265 | -117.117187 | 32.619456 | 32.67294 | -117.11632 |
| 32.4036574 | 32.673223 | -117.116533 | 32.5147801 | 32.67265 | -117.117187 | 32.6196296 | 32.67292 | -117.11628 |
| 32.4038310 | 32.673217 | -117.116533 | 32.5149306 | 32.67265 | -117.117187 | 32.6198032 | 32.67292 | -117.116213 |
| 32.4040046 | 32.673213 | -117.116533 | 32.5151042 | 32.67265 | -117.117187 | 32.6199769 | 32.67292 | -117.116213 |
| 32.4041782 | 32.673213 | -117.116533 | 32.5152778 | 32.67264 | -117.117187 | 32.6201505 | 32.67292 | -117.116213 |
| 32.4043750 | 32.673210 | -117.116547 | 32.515463 | 32.67264 | -117.117187 | 32.6203241 | 32.67292 | -117.116213 |
| 32.4059144 | 32.673190 | -117.116547 | 32.5156366 | 32.67264 | -117.117187 | 32.6204977 | 32.67292 | -117.116213 |
| 32.4060880 | 32.673190 | -117.116547 | 32.5161458 | 32.67264 | -117.117187 | 32.6231019 | 32.67291 | -117.1162 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4062500 | 32.673187 | -117.116547 | 32.5163194 | 32.67264 | -117.1172 | 32.6232755 | 32.67291 | -117.1162 |
| 32.4064236 | 32.673187 | -117.116547 | 32.5165046 | 32.67264 | -117.1172 | 32.6234491 | 32.67291 | -117.1162 |
| 32.4066088 | 32.673187 | -117.116547 | 32.5166782 | 32.67264 | -117.1172 | 32.6236227 | 32.67291 | -117.1162 |
| 32.4067824 | 32.673180 | -117.116547 | 32.5168519 | 32.67264 | -117.1172 | 32.6237963 | 32.67291 | -117.1162 |
| 32.4069444 | 32.673180 | -117.116547 | 32.5170255 | 32.67264 | -117.1172 | 32.6239699 | 32.67291 | -117.1162 |
| 32.4072454 | 32.673177 | -117.116547 | 32.5171991 | 32.67264 | -117.1172 | 32.6241435 | 32.67291 | -117.1162 |
| 32.4074653 | 32.673173 | -117.116547 | 32.5173727 | 32.67264 | -117.1172 | 32.6243171 | 32.67291 | -117.1162 |
| 32.4076389 | 32.673173 | -117.116547 | 32.5175463 | 32.67264 | -117.1172 | 32.6244907 | 32.67291 | -117.1162 |
| 32.4078125 | 32.673170 | -117.116547 | 32.5177199 | 32.67264 | -117.1172 | 32.6246644 | 32.67291 | -117.1162 |
| 32.4079861 | 32.673163 | -117.116573 | 32.5179051 | 32.67264 | -117.1172 | 32.624838 | 32.67291 | -117.1162 |
| 32.4081713 | 32.673163 | -117.116573 | 32.5180556 | 32.67264 | -117.1172 | 32.6250116 | 32.67291 | -117.1162 |
| 32.4083449 | 32.673163 | -117.116573 | 32.5182986 | 32.67264 | -117.117227 | 32.6251852 | 32.67291 | -117.1162 |
| 32.4085185 | 32.673133 | -117.116600 | 32.5184028 | 32.67264 | -117.117227 | 32.6253588 | 32.67291 | -117.1162 |
| 32.4086921 | 32.673133 | -117.116600 | 32.5185764 | 32.67264 | -117.117227 | 32.6255324 | 32.67291 | -117.1162 |
| 32.4088657 | 32.673127 | -117.116600 | 32.51875 | 32.67264 | -117.117227 | 32.6257176 | 32.67291 | -117.1162 |
| 32.4090394 | 32.673127 | -117.116600 | 32.5189352 | 32.67264 | -117.117227 | 32.6258681 | 32.67291 | -117.1162 |
| 32.4092014 | 32.673127 | -117.116600 | 32.5191088 | 32.67264 | -117.117227 | 32.6260417 | 32.6729 | -117.1162 |
| 32.4093750 | 32.673123 | -117.116600 | 32.5192708 | 32.67264 | -117.117227 | 32.6262153 | 32.6729 | -117.1162 |
| 32.4097917 | 32.673120 | -117.116600 | 32.5203241 | 32.67264 | -117.117227 | 32.6267361 | 32.6729 | -117.1162 |
| 32.4098958 | 32.673117 | -117.116600 | 32.520544 | 32.67264 | -117.11724 | 32.6269097 | 32.6729 | -117.1162 |
| 32.4100694 | 32.673117 | -117.116600 | 32.5206713 | 32.67265 | -117.117253 | 32.6270833 | 32.6729 | -117.1162 |
| 32.4102546 | 32.673113 | -117.116600 | 32.5208333 | 32.67265 | -117.11724 | 32.6272569 | 32.6729 | -117.1162 |
| 32.4104282 | 32.673113 | -117.116600 | 32.5210069 | 32.67264 | -117.11724 | 32.6274306 | 32.6729 | -117.1162 |
| 32.4106366 | 32.673113 | -117.116613 | 32.5211806 | 32.67265 | -117.11724 | 32.6276157 | 32.6729 | -117.1162 |
| 32.4107639 | 32.673107 | -117.116613 | 32.5213657 | 32.67265 | -117.11724 | 32.6277894 | 32.6729 | -117.1162 |
| 32.4109375 | 32.673107 | -117.116613 | 32.5215394 | 32.67265 | -117.11724 | 32.627963 | 32.6729 | -117.1162 |
| 32.4111227 | 32.673103 | -117.116613 | 32.521713 | 32.67265 | -117.117253 | 32.6281366 | 32.6729 | -117.1162 |
| 32.4112963 | 32.673100 | -117.116613 | 32.5218866 | 32.67265 | -117.117253 | 32.6283102 | 32.6729 | -117.1162 |
| 32.4114583 | 32.673100 | -117.116613 | 32.5220602 | 32.67265 | -117.117253 | 32.6284838 | 32.6729 | -117.1162 |
| 32.4116319 | 32.673097 | -117.116613 | 32.5222338 | 32.67265 | -117.117253 | 32.6286574 | 32.6729 | -117.1162 |
| 32.4118056 | 32.673097 | -117.116613 | 32.5224074 | 32.67265 | -117.117253 | 32.6288194 | 32.6729 | -117.1162 |
| 32.4119792 | 32.673070 | -117.116653 | 32.522581 | 32.67265 | -117.117253 | 32.6289931 | 32.6729 | -117.1162 |
| 32.4121528 | 32.673040 | -117.116667 | 32.5227431 | 32.67265 | -117.117253 | 32.6291782 | 32.6729 | -117.1162 |
| 32.4123380 | 32.673033 | -117.116667 | 32.5229167 | 32.67265 | -117.117253 | 32.6293519 | 32.6729 | -117.1162 |
| 32.4125116 | 32.673033 | -117.116667 | 32.5231019 | 32.67265 | -117.117253 | 32.6295255 | 32.6729 | -117.1162 |
| 32.4126852 | 32.673033 | -117.116667 | 32.5232755 | 32.67265 | -117.117253 | 32.6296991 | 32.6729 | -117.1162 |
| 32.4128588 | 32.673030 | -117.116667 | 32.5234491 | 32.67265 | -117.117253 | 32.6299421 | 32.6729 | -117.1162 |
| 32.4130324 | 32.673030 | -117.116680 | 32.5236227 | 32.67265 | -117.117253 | 32.6305671 | 32.6729 | -117.1162 |
| 32.4135417 | 32.672997 | -117.116693 | 32.5258796 | 32.67265 | -117.117253 | 32.6307407 | 32.6729 | -117.1162 |
| 32.4137153 | 32.672997 | -117.116693 | 32.5260532 | 32.67265 | -117.117253 | 32.6309144 | 32.6729 | -117.1162 |
| 32.4139005 | 32.672997 | -117.116693 | 32.5262269 | 32.67265 | -117.117253 | 32.631088 | 32.6729 | -117.1162 |
| 32.4140741 | 32.672993 | -117.116693 | 32.5263889 | 32.67265 | -117.117253 | 32.6312616 | 32.67289 | -117.1162 |
| 32.4142477 | 32.672993 | -117.116693 | 32.5265625 | 32.67265 | -117.117253 | 32.6314352 | 32.67288 | -117.1162 |
| 32.4144213 | 32.672990 | -117.116693 | 32.5267477 | 32.67265 | -117.117253 | 32.6315972 | 32.67288 | -117.116227 |
| 32.4145949 | 32.672990 | -117.116693 | 32.5269213 | 32.67265 | -117.117253 | 32.6318287 | 32.67286 | -117.116227 |
| 32.4147569 | 32.672987 | -117.116693 | 32.5270949 | 32.67265 | -117.117253 | 32.631956 | 32.67287 | -117.116227 |
| 32.4149306 | 32.672970 | -117.116720 | 32.5272685 | 32.67265 | -117.117253 | 32.6321296 | 32.67287 | -117.116213 |
| 32.4151157 | 32.672970 | -117.116720 | 32.5274421 | 32.67265 | -117.117253 | 32.632419 | 32.67288 | -117.1162 |
| 32.4152894 | 32.672967 | -117.116720 | 32.5276157 | 32.67265 | -117.117253 | 32.6326505 | 32.67288 | -117.116173 |
| 32.4154630 | 32.672967 | -117.116720 | 32.5277778 | 32.67265 | -117.117253 | 32.6328241 | 32.67289 | -117.11616 |
| 32.4156366 | 32.672960 | -117.116720 | 32.5279514 | 32.67265 | -117.11724 | 32.6329861 | 32.6729 | -117.11616 |
| 32.4158102 | 32.672960 | -117.116720 | 32.528125 | 32.67265 | -117.11724 | 32.6331597 | 32.67291 | -117.11616 |
| 32.4160301 | 32.672960 | -117.116720 | 32.5282986 | 32.67264 | -117.117227 | 32.6333333 | 32.67291 | -117.11616 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4161574 | 32.672960 | -117.116720 | 32.5284722 | 32.67267 | -117.1172 | 32.6335185 | 32.67291 | -117.11616 |
| 32.4164120 | 32.672957 | -117.116720 | 32.5286574 | 32.67266 | -117.1172 | 32.6336921 | 32.6729 | -117.116147 |
| 32.4164931 | 32.672957 | -117.116720 | 32.528831 | 32.67266 | -117.117187 | 32.6338542 | 32.6729 | -117.116147 |
| 32.4166667 | 32.672953 | -117.116720 | 32.5290162 | 32.67267 | -117.11716 | 32.6348958 | 32.67289 | -117.1162 |
| 32.4168519 | 32.672953 | -117.116733 | 32.5315972 | 32.67266 | -117.117133 | 32.6351968 | 32.6729 | -117.1162 |
| 32.4194560 | 32.672837 | -117.116787 | 32.5317708 | 32.67267 | -117.117133 | 32.6354167 | 32.67288 | -117.116147 |
| 32.4196296 | 32.672837 | -117.116760 | 32.5319444 | 32.67267 | -117.117133 | 32.6355903 | 32.67286 | -117.11616 |
| 32.4198495 | 32.672837 | -117.116760 | 32.5321296 | 32.67268 | -117.117133 | 32.6357639 | 32.67286 | -117.116173 |
| 32.4199769 | 32.672827 | -117.116760 | 32.5323032 | 32.67268 | -117.117133 | 32.6359375 | 32.67285 | -117.1162 |
| 32.4201505 | 32.672827 | -117.116747 | 32.5324769 | 32.67268 | -117.117133 | 32.6361111 | 32.67286 | -117.116173 |
| 32.4203241 | 32.672823 | -117.116747 | 32.5326505 | 32.67269 | -117.117133 | 32.6362847 | 32.67285 | -117.11616 |
| 32.4204861 | 32.672823 | -117.116747 | 32.5328125 | 32.6727 | -117.11712 | 32.6365046 | 32.67286 | -117.116147 |
| 32.4206597 | 32.672823 | -117.116747 | 32.5329861 | 32.67271 | -117.11712 | 32.6366435 | 32.67287 | -117.116147 |
| 32.4208565 | 32.672823 | -117.116733 | 32.5331597 | 32.67271 | -117.11712 | 32.6368171 | 32.67287 | -117.11616 |
| 32.4210069 | 32.672820 | -117.116733 | 32.5333333 | 32.67271 | -117.11712 | 32.6369907 | 32.67287 | -117.11616 |
| 32.4211921 | 32.672820 | -117.116733 | 32.5335648 | 32.67271 | -117.11712 | 32.6371528 | 32.67288 | -117.116147 |
| 32.4213657 | 32.672820 | -117.116733 | 32.5336921 | 32.67271 | -117.11712 | 32.6373264 | 32.67289 | -117.116147 |
| 32.4215625 | 32.672820 | -117.116733 | 32.5338657 | 32.67271 | -117.11712 | 32.6375 | 32.67288 | -117.116147 |
| 32.4217130 | 32.672813 | -117.116733 | 32.5340394 | 32.67271 | -117.11712 | 32.6376736 | 32.67288 | -117.116147 |
| 32.4218866 | 32.672813 | -117.116733 | 32.5342593 | 32.67271 | -117.11712 | 32.6378472 | 32.67289 | -117.116133 |
| 32.4220602 | 32.672813 | -117.116733 | 32.5343866 | 32.67271 | -117.11712 | 32.6380208 | 32.67289 | -117.116147 |
| 32.4222338 | 32.672803 | -117.116720 | 32.5345602 | 32.67271 | -117.11712 | 32.6382986 | 32.67291 | -117.116133 |
| 32.4224074 | 32.672800 | -117.116720 | 32.5347801 | 32.67271 | -117.11712 | 32.6404514 | 32.67289 | -117.116133 |
| 32.4225810 | 32.672800 | -117.116720 | 32.5351505 | 32.67271 | -117.117107 | 32.640625 | 32.6729 | -117.116133 |
| 32.4248380 | 32.672753 | -117.116667 | 32.5352546 | 32.67271 | -117.117093 | 32.6407986 | 32.6729 | -117.116147 |
| 32.4250116 | 32.672753 | -117.116653 | 32.5354282 | 32.67271 | -117.11708 | 32.6409838 | 32.67288 | -117.116147 |
| 32.4251852 | 32.672743 | -117.116653 | 32.5356019 | 32.6727 | -117.11708 | 32.6411574 | 32.67287 | -117.1162 |
| 32.4253472 | 32.672750 | -117.116653 | 32.5357755 | 32.6727 | -117.11708 | 32.641331 | 32.67288 | -117.1162 |
| 32.4255208 | 32.672747 | -117.116653 | 32.5359375 | 32.67269 | -117.117093 | 32.6415046 | 32.67288 | -117.1162 |
| 32.4256944 | 32.672747 | -117.116640 | 32.5361111 | 32.67269 | -117.11708 | 32.6416782 | 32.67288 | -117.116173 |
| 32.4258796 | 32.672743 | -117.116640 | 32.5362847 | 32.6727 | -117.11708 | 32.6418634 | 32.67288 | -117.1162 |
| 32.4260532 | 32.672730 | -117.116640 | 32.5364699 | 32.67271 | -117.11708 | 32.6420139 | 32.67288 | -117.1162 |
| 32.4262269 | 32.672730 | -117.116613 | 32.5366435 | 32.67271 | -117.11708 | 32.6421991 | 32.67288 | -117.1162 |
| 32.4263889 | 32.672727 | -117.116613 | 32.5368171 | 32.67271 | -117.11708 | 32.6423727 | 32.67288 | -117.1162 |
| 32.4265625 | 32.672720 | -117.116613 | 32.5369907 | 32.67271 | -117.11708 | 32.6425347 | 32.67288 | -117.11616 |
| 32.4267361 | 32.672720 | -117.116613 | 32.5371644 | 32.67271 | -117.11708 | 32.6427083 | 32.67288 | -117.116147 |
| 32.4269097 | 32.672720 | -117.116613 | 32.537338 | 32.67271 | -117.117053 | 32.6428935 | 32.67288 | -117.116133 |
| 32.4270949 | 32.672720 | -117.116600 | 32.5375116 | 32.67271 | -117.117053 | 32.6430671 | 32.67289 | -117.116133 |
| 32.4272685 | 32.672720 | -117.116600 | 32.5376852 | 32.67271 | -117.117053 | 32.6432407 | 32.67291 | -117.116107 |
| 32.4274421 | 32.672720 | -117.116613 | 32.5378472 | 32.67271 | -117.117053 | 32.6434144 | 32.67288 | -117.116107 |
| 32.4276157 | 32.672713 | -117.116613 | 32.5380208 | 32.67271 | -117.117053 | 32.643588 | 32.67288 | -117.116107 |
| 32.4277894 | 32.672710 | -117.116613 | 32.5381944 | 32.67271 | -117.117053 | 32.6458912 | 32.67285 | -117.1162 |
| 32.4279630 | 32.672720 | -117.116613 | 32.5402894 | 32.67274 | -117.117027 | 32.6460185 | 32.67286 | -117.1162 |
| 32.4303819 | 32.672610 | -117.116613 | 32.540463 | 32.67274 | -117.117027 | 32.6461921 | 32.67286 | -117.1162 |
| 32.4305556 | 32.672653 | -117.116613 | 32.5406366 | 32.67274 | -117.117027 | 32.6463657 | 32.67287 | -117.1162 |
| 32.4307407 | 32.672683 | -117.116613 | 32.5408102 | 32.67274 | -117.117027 | 32.6465394 | 32.67287 | -117.1162 |
| 32.4310417 | 32.672707 | -117.116653 | 32.5409838 | 32.67274 | -117.117027 | 32.646713 | 32.67288 | -117.1162 |
| 32.4312616 | 32.672710 | -117.116667 | 32.5411574 | 32.67274 | -117.117027 | 32.6468866 | 32.67288 | -117.116173 |
| 32.4314236 | 32.672720 | -117.116693 | 32.541331 | 32.67274 | -117.117027 | 32.6470602 | 32.67287 | -117.116173 |
| 32.4315972 | 32.672743 | -117.116720 | 32.5415046 | 32.67274 | -117.117027 | 32.6472338 | 32.67287 | -117.11616 |
| 32.4317708 | 32.672763 | -117.116747 | 32.5416782 | 32.67274 | -117.117013 | 32.6474074 | 32.67287 | -117.116173 |
| 32.4319444 | 32.672763 | -117.116760 | 32.5418519 | 32.67274 | -117.117013 | 32.647581 | 32.67287 | -117.11616 |
| 32.4321181 | 32.672763 | -117.116760 | 32.5420255 | 32.67274 | -117.117013 | 32.6477894 | 32.67288 | -117.116147 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4322917 | 32.672763 | -117.116787 | 32.5421991 | 32.67274 | -117.117013 | 32.6479167 | 32.67287 | -117.11616 |
| 32.4325116 | 32.672763 | -117.116787 | 32.5423611 | 32.67274 | -117.117013 | 32.6481019 | 32.67286 | -117.11616 |
| 32.4326389 | 32.672763 | -117.116787 | 32.5425347 | 32.67276 | -117.116987 | 32.6482755 | 32.67286 | -117.11616 |
| 32.4328125 | 32.672763 | -117.116787 | 32.5427199 | 32.67276 | -117.116987 | 32.6484491 | 32.67287 | -117.116173 |
| 32.4329977 | 32.672763 | -117.116787 | 32.5428935 | 32.67276 | -117.116987 | 32.6486227 | 32.67285 | -117.116173 |
| 32.4331713 | 32.672763 | -117.116787 | 32.5430671 | 32.67276 | -117.116987 | 32.6487963 | 32.67285 | -117.11616 |
| 32.4333912 | 32.672757 | -117.116787 | 32.5432755 | 32.67277 | -117.116973 | 32.6489815 | 32.67285 | -117.116147 |
| 32.4335069 | 32.672757 | -117.116787 | 32.5434028 | 32.67277 | -117.116973 | 32.651412 | 32.67286 | -117.116107 |
| 32.4336806 | 32.672757 | -117.116787 | 32.5454861 | 32.6728 | -117.11684 | 32.6515625 | 32.67287 | -117.116107 |
| 32.4347338 | 32.672743 | -117.116760 | 32.5456597 | 32.6728 | -117.11684 | 32.6517361 | 32.67287 | -117.116107 |
| 32.4349074 | 32.672743 | -117.116760 | 32.5458449 | 32.6728 | -117.11684 | 32.6519097 | 32.67287 | -117.116107 |
| 32.4350810 | 32.672743 | -117.116760 | 32.5460185 | 32.6728 | -117.11684 | 32.6520949 | 32.67287 | -117.116107 |
| 32.4352546 | 32.672737 | -117.116760 | 32.5461921 | 32.6728 | -117.11684 | 32.6522685 | 32.67286 | -117.116107 |
| 32.4354282 | 32.672737 | -117.116760 | 32.5463657 | 32.6728 | -117.116827 | 32.6524421 | 32.67287 | -117.116093 |
| 32.4356019 | 32.672737 | -117.116760 | 32.5465394 | 32.6728 | -117.116813 | 32.6526157 | 32.67287 | -117.116093 |
| 32.4357755 | 32.672743 | -117.116747 | 32.546713 | 32.6728 | -117.116813 | 32.6527894 | 32.67288 | -117.116093 |
| 32.4359607 | 32.672743 | -117.116747 | 32.546875 | 32.6728 | -117.1168 | 32.6529514 | 32.67288 | -117.11608 |
| 32.4361111 | 32.672743 | -117.116747 | 32.5470486 | 32.6728 | -117.1168 | 32.653125 | 32.67288 | -117.116093 |
| 32.4362963 | 32.672743 | -117.116747 | 32.5472338 | 32.6728 | -117.1168 | 32.6533102 | 32.67288 | -117.116093 |
| 32.4364699 | 32.672737 | -117.116747 | 32.5474074 | 32.6728 | -117.1168 | 32.6534838 | 32.67286 | -117.116107 |
| 32.4366435 | 32.672737 | -117.116747 | 32.547581 | 32.6728 | -117.1168 | 32.6537037 | 32.67285 | -117.116107 |
| 32.4368750 | 32.672737 | -117.116747 | 32.5477431 | 32.6728 | -117.1168 | 32.653831 | 32.67285 | -117.116107 |
| 32.4369792 | 32.672737 | -117.116747 | 32.5479167 | 32.6728 | -117.1168 | 32.6539931 | 32.67286 | -117.116107 |
| 32.4371528 | 32.672737 | -117.116747 | 32.5480903 | 32.6728 | -117.1168 | 32.6541667 | 32.67285 | -117.116093 |
| 32.4373264 | 32.672733 | -117.116747 | 32.5482639 | 32.6728 | -117.1168 | 32.6543519 | 32.67284 | -117.116107 |
| 32.4375000 | 32.672733 | -117.116733 | 32.5484491 | 32.6728 | -117.1168 | 32.6545255 | 32.67283 | -117.116093 |
| 32.4376852 | 32.672727 | -117.116733 | 32.5486343 | 32.6728 | -117.1168 | 32.6551273 | 32.67284 | -117.116093 |
| 32.4378588 | 32.672720 | -117.116733 | 32.5512153 | 32.6728 | -117.1168 | 32.6552083 | 32.67284 | -117.116107 |
| 32.4380324 | 32.672720 | -117.116733 | 32.5514005 | 32.6728 | -117.1168 | 32.6553935 | 32.67284 | -117.116107 |
| 32.4385417 | 32.672727 | -117.116733 | 32.5515741 | 32.6728 | -117.1168 | 32.6555671 | 32.67282 | -117.116107 |
| 32.4387153 | 32.672720 | -117.116733 | 32.5517477 | 32.67279 | -117.1168 | 32.6557292 | 32.67283 | -117.116107 |
| 32.4389815 | 32.672717 | -117.116733 | 32.5519213 | 32.67279 | -117.1168 | 32.6559028 | 32.67284 | -117.116107 |
| 32.4390625 | 32.672717 | -117.116733 | 32.5520949 | 32.67279 | -117.1168 | 32.6560764 | 32.67284 | -117.116133 |
| 32.4392361 | 32.672713 | -117.116733 | 32.5522685 | 32.67279 | -117.1168 | 32.65625 | 32.67286 | -117.116133 |
| 32.4394213 | 32.672710 | -117.116733 | 32.5524421 | 32.67279 | -117.1168 | 32.6564236 | 32.67285 | -117.116133 |
| 32.4395949 | 32.672707 | -117.116720 | 32.5526157 | 32.67279 | -117.1168 | 32.6565972 | 32.67285 | -117.116147 |
| 32.4398032 | 32.672700 | -117.116720 | 32.5527894 | 32.67279 | -117.1168 | 32.6567824 | 32.67285 | -117.116147 |
| 32.4400232 | 32.672693 | -117.116720 | 32.552963 | 32.67279 | -117.1168 | 32.656956 | 32.67285 | -117.11616 |
| 32.4401042 | 32.672693 | -117.116720 | 32.553125 | 32.67279 | -117.116787 | 32.6571759 | 32.67285 | -117.116147 |
| 32.4402778 | 32.672683 | -117.116720 | 32.5532986 | 32.67279 | -117.116787 | 32.6572917 | 32.67285 | -117.116147 |
| 32.4404630 | 32.672670 | -117.116693 | 32.5534838 | 32.67279 | -117.116787 | 32.6574653 | 32.67286 | -117.116147 |
| 32.4406482 | 32.672670 | -117.116693 | 32.5536574 | 32.67279 | -117.116787 | 32.6576389 | 32.67287 | -117.116147 |
| 32.4407986 | 32.672670 | -117.116693 | 32.553831 | 32.67279 | -117.116787 | 32.6578241 | 32.67287 | -117.116147 |
| 32.4409722 | 32.672670 | -117.116693 | 32.5540046 | 32.67279 | -117.116787 | 32.6579977 | 32.67287 | -117.116147 |
| 32.4411458 | 32.672670 | -117.116693 | 32.5541782 | 32.67279 | -117.116787 | 32.6581713 | 32.67288 | -117.116147 |
| 32.4413194 | 32.672670 | -117.116693 | 32.5543519 | 32.67279 | -117.116787 | 32.6597338 | 32.67287 | -117.116107 |
| 32.4414931 | 32.672663 | -117.116693 | 32.556088 | 32.67278 | -117.116787 | 32.659919 | 32.67287 | -117.116093 |
| 32.4416782 | 32.672663 | -117.116693 | 32.5562616 | 32.67278 | -117.116787 | 32.6600694 | 32.67287 | -117.11608 |
| 32.4437500 | 32.672643 | -117.116693 | 32.5564352 | 32.67278 | -117.116787 | 32.6602546 | 32.67287 | -117.11608 |
| 32.4439352 | 32.672640 | -117.116680 | 32.5566088 | 32.67278 | -117.116787 | 32.6604282 | 32.67288 | -117.11608 |
| 32.4441088 | 32.672640 | -117.116680 | 32.556875 | 32.67278 | -117.116787 | 32.6606019 | 32.67288 | -117.11608 |
| 32.4442708 | 32.672640 | -117.116680 | 32.5569792 | 32.67278 | -117.116787 | 32.6607755 | 32.67289 | -117.11608 |
| 32.4444444 | 32.672637 | -117.116680 | 32.5571296 | 32.67277 | -117.116787 | 32.6609491 | 32.67289 | -117.11608 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4446181 | 32.672637 | -117.116680 | 32.5573032 | 32.67277 | -117.116787 | 32.6611227 | 32.67289 | -117.11608 |
| 32.4447917 | 32.672637 | -117.116680 | 32.5574769 | 32.67277 | -117.116787 | 32.6612963 | 32.6729 | -117.11608 |
| 32.4449769 | 32.672637 | -117.116680 | 32.5576389 | 32.67277 | -117.116787 | 32.6614699 | 32.6729 | -117.11608 |
| 32.4451505 | 32.672633 | -117.116680 | 32.5578125 | 32.67277 | -117.116787 | 32.6616435 | 32.6729 | -117.11608 |
| 32.4453125 | 32.672633 | -117.116680 | 32.5579861 | 32.67277 | -117.116787 | 32.6618171 | 32.67291 | -117.11608 |
| 32.4454861 | 32.672637 | -117.116680 | 32.5581597 | 32.67277 | -117.116787 | 32.6619792 | 32.6729 | -117.11608 |
| 32.4456597 | 32.672637 | -117.116680 | 32.5583333 | 32.67277 | -117.116787 | 32.6621528 | 32.67291 | -117.116067 |
| 32.4458333 | 32.672633 | -117.116680 | 32.5585069 | 32.67277 | -117.116787 | 32.6623264 | 32.6729 | -117.116067 |
| 32.4460417 | 32.672633 | -117.116667 | 32.5586806 | 32.67277 | -117.116787 | 32.6625463 | 32.67289 | -117.11608 |
| 32.4461921 | 32.672633 | -117.116667 | 32.5588542 | 32.67277 | -117.116787 | 32.6626852 | 32.67289 | -117.116093 |
| 32.4463657 | 32.672633 | -117.116667 | 32.5590278 | 32.67277 | -117.116787 | 32.6628588 | 32.67288 | -117.116107 |
| 32.4465394 | 32.672633 | -117.116667 | 32.5592014 | 32.67277 | -117.116787 | 32.6630324 | 32.67287 | -117.116107 |
| 32.4467014 | 32.672633 | -117.116667 | 32.5602662 | 32.67277 | -117.116787 | 32.6640741 | 32.67284 | -117.116147 |
| 32.4468750 | 32.672633 | -117.116667 | 32.5604167 | 32.67277 | -117.116787 | 32.6642477 | 32.67284 | -117.116147 |
| 32.4470486 | 32.672633 | -117.116667 | 32.5607176 | 32.67277 | -117.116787 | 32.6644097 | 32.67284 | -117.116147 |
| 32.4475810 | 32.672623 | -117.116667 | 32.5609375 | 32.67277 | -117.116787 | 32.6645833 | 32.67284 | -117.116147 |
| 32.4477546 | 32.672623 | -117.116667 | 32.5611111 | 32.67277 | -117.116787 | 32.6647569 | 32.67284 | -117.116147 |
| 32.4479167 | 32.672623 | -117.116667 | 32.5612847 | 32.67277 | -117.116787 | 32.6649421 | 32.67284 | -117.116147 |
| 32.4480903 | 32.672623 | -117.116667 | 32.5614699 | 32.67277 | -117.116787 | 32.6651157 | 32.67284 | -117.116147 |
| 32.4482755 | 32.672623 | -117.116667 | 32.5616435 | 32.67277 | -117.116787 | 32.6652778 | 32.67284 | -117.116147 |
| 32.4484491 | 32.672623 | -117.116667 | 32.5618171 | 32.67277 | -117.116787 | 32.6654514 | 32.67284 | -117.116147 |
| 32.4487153 | 32.672620 | -117.116667 | 32.5619907 | 32.67277 | -117.116787 | 32.665625 | 32.67284 | -117.116133 |
| 32.4487963 | 32.672620 | -117.116667 | 32.5621644 | 32.67277 | -117.116787 | 32.6657986 | 32.67284 | -117.116133 |
| 32.4489699 | 32.672620 | -117.116667 | 32.562338 | 32.67277 | -117.116787 | 32.6659722 | 32.67285 | -117.116133 |
| 32.4491435 | 32.672610 | -117.116680 | 32.5625 | 32.67277 | -117.116787 | 32.6661458 | 32.67286 | -117.116107 |
| 32.4493171 | 32.672607 | -117.116720 | 32.5626736 | 32.67277 | -117.116787 | 32.6663194 | 32.67286 | -117.116107 |
| 32.4494792 | 32.672620 | -117.116747 | 32.5628472 | 32.67277 | -117.116787 | 32.6664931 | 32.67285 | -117.116107 |
| 32.4496528 | 32.672637 | -117.116787 | 32.5630208 | 32.67277 | -117.116787 | 32.6666667 | 32.67286 | -117.116107 |
| 32.4498264 | 32.672657 | -117.116813 | 32.5631944 | 32.67277 | -117.116787 | 32.6668403 | 32.67285 | -117.116107 |
| 32.4500116 | 32.672660 | -117.116813 | 32.5633681 | 32.67277 | -117.116787 | 32.6670139 | 32.67285 | -117.116093 |
| 32.4501852 | 32.672660 | -117.116813 | 32.5635417 | 32.67277 | -117.116787 | 32.6671875 | 32.67286 | -117.116107 |
| 32.4504514 | 32.672660 | -117.116813 | 32.5637153 | 32.67277 | -117.116787 | 32.6692824 | 32.67288 | -117.11616 |
| 32.4505324 | 32.672660 | -117.116813 | 32.5644097 | 32.67277 | -117.116787 | 32.669456 | 32.67288 | -117.116147 |
| 32.4507060 | 32.672660 | -117.116813 | 32.5645833 | 32.67277 | -117.116787 | 32.6696296 | 32.67288 | -117.116147 |
| 32.4529977 | 32.672660 | -117.116813 | 32.5647569 | 32.67277 | -117.116787 | 32.6698032 | 32.67288 | -117.116147 |
| 32.4531366 | 32.672660 | -117.116813 | 32.5649306 | 32.67277 | -117.116787 | 32.6699769 | 32.67288 | -117.11616 |
| 32.4532986 | 32.672657 | -117.116813 | 32.5651042 | 32.67277 | -117.116787 | 32.6701505 | 32.67288 | -117.116147 |
| 32.4534722 | 32.672657 | -117.116813 | 32.5652894 | 32.67277 | -117.116787 | 32.6703241 | 32.67288 | -117.116133 |
| 32.4536458 | 32.672657 | -117.116813 | 32.565463 | 32.67277 | -117.116787 | 32.6704977 | 32.67287 | -117.116147 |
| 32.4538310 | 32.672657 | -117.116813 | 32.5656366 | 32.67277 | -117.11676 | 32.6706713 | 32.67289 | -117.11616 |
| 32.4540046 | 32.672657 | -117.116813 | 32.5658102 | 32.67277 | -117.11676 | 32.6708449 | 32.67289 | -117.116173 |
| 32.4541782 | 32.672657 | -117.116813 | 32.5659838 | 32.67277 | -117.11676 | 32.6710185 | 32.67288 | -117.116147 |
| 32.4543634 | 32.672657 | -117.116813 | 32.5661458 | 32.67277 | -117.11676 | 32.6711921 | 32.67288 | -117.116147 |
| 32.4545139 | 32.672657 | -117.116813 | 32.5663194 | 32.67277 | -117.11676 | 32.6713657 | 32.67288 | -117.116147 |
| 32.4546875 | 32.672657 | -117.116813 | 32.5664931 | 32.67277 | -117.11676 | 32.6715394 | 32.67288 | -117.116147 |
| 32.4548611 | 32.672657 | -117.116813 | 32.5666667 | 32.67277 | -117.11676 | 32.671713 | 32.67288 | -117.116147 |
| 32.4550347 | 32.672657 | -117.116813 | 32.5668519 | 32.67277 | -117.116747 | 32.6718866 | 32.67288 | -117.116147 |
| 32.4552083 | 32.672657 | -117.116813 | 32.5670255 | 32.67277 | -117.116747 | 32.6720602 | 32.67288 | -117.116147 |
| 32.4553819 | 32.672657 | -117.116813 | 32.5671991 | 32.67277 | -117.116747 | 32.6722338 | 32.67288 | -117.116147 |
| 32.4555556 | 32.672657 | -117.116813 | 32.5673727 | 32.67277 | -117.116747 | 32.6724074 | 32.67288 | -117.116147 |
| 32.4557292 | 32.672657 | -117.116813 | 32.5675463 | 32.67277 | -117.116747 | 32.6729167 | 32.67288 | -117.116147 |
| 32.4559028 | 32.672657 | -117.116813 | 32.5677083 | 32.67277 | -117.116747 | 32.6730903 | 32.67288 | -117.116147 |
| 32.4560764 | 32.672657 | -117.116813 | 32.5682292 | 32.67277 | -117.116747 | 32.6732639 | 32.67288 | -117.116147 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4571181 | 32.672657 | -117.116827 | 32.5684028 | 32.67277 | -117.116747 | 32.6734375 | 32.67288 | -117.116147 |
| 32.4572917 | 32.672657 | -117.116827 | 32.568588 | 32.67277 | -117.116747 | 32.6736111 | 32.67288 | -117.116133 |
| 32.4575116 | 32.672653 | -117.116840 | 32.5687616 | 32.67277 | -117.116747 | 32.6737847 | 32.67288 | -117.116133 |
| 32.4576389 | 32.672653 | -117.116840 | 32.5689352 | 32.67277 | -117.116747 | 32.6739583 | 32.67288 | -117.116133 |
| 32.4578241 | 32.672647 | -117.116840 | 32.5691088 | 32.67277 | -117.116747 | 32.6741319 | 32.67288 | -117.116133 |
| 32.4579977 | 32.672647 | -117.116840 | 32.5692824 | 32.67277 | -117.116747 | 32.6743056 | 32.67288 | -117.116133 |
| 32.4581597 | 32.672647 | -117.116840 | 32.5694444 | 32.67277 | -117.116747 | 32.6744792 | 32.67288 | -117.116147 |
| 32.4583333 | 32.672647 | -117.116840 | 32.5696181 | 32.67277 | -117.116747 | 32.6746528 | 32.67288 | -117.116133 |
| 32.4585069 | 32.672647 | -117.116840 | 32.5697917 | 32.67277 | -117.116747 | 32.6748264 | 32.67288 | -117.116133 |
| 32.4586806 | 32.672647 | -117.116840 | 32.5699653 | 32.67277 | -117.116747 | 32.675 | 32.67288 | -117.116133 |
| 32.4588542 | 32.672647 | -117.116840 | 32.5701389 | 32.67277 | -117.116747 | 32.6751736 | 32.67288 | -117.116133 |
| 32.4591088 | 32.672647 | -117.116840 | 32.5703588 | 32.67278 | -117.116747 | 32.6753472 | 32.67288 | -117.116133 |
| 32.4592130 | 32.672647 | -117.116840 | 32.5704977 | 32.67278 | -117.116747 | 32.6755208 | 32.67288 | -117.116133 |
| 32.4593866 | 32.672647 | -117.116840 | 32.5706713 | 32.67278 | -117.116747 | 32.675706 | 32.67287 | -117.116133 |
| 32.4595718 | 32.672647 | -117.116840 | 32.5708449 | 32.67278 | -117.116747 | 32.6758796 | 32.67287 | -117.116133 |
| 32.4597222 | 32.672647 | -117.116840 | 32.5710185 | 32.67278 | -117.116747 | 32.6760532 | 32.67287 | -117.116133 |
| 32.4598958 | 32.672647 | -117.116840 | 32.5711921 | 32.67278 | -117.116747 | 32.6762269 | 32.67287 | -117.116133 |
| 32.4600810 | 32.672647 | -117.116840 | 32.5713657 | 32.67278 | -117.116747 | 32.6767361 | 32.67287 | -117.116133 |
| 32.4602546 | 32.672647 | -117.116840 | 32.5715394 | 32.67278 | -117.116747 | 32.6769097 | 32.67287 | -117.116133 |
| 32.4626852 | 32.672647 | -117.116840 | 32.5720486 | 32.67279 | -117.116747 | 32.6770833 | 32.67287 | -117.116133 |
| 32.4628588 | 32.672647 | -117.116840 | 32.5722222 | 32.67279 | -117.116747 | 32.6772569 | 32.67287 | -117.116133 |
| 32.4630208 | 32.672647 | -117.116840 | 32.5723958 | 32.67279 | -117.116747 | 32.6774306 | 32.67287 | -117.116133 |
| 32.4631944 | 32.672647 | -117.116840 | 32.5726042 | 32.67279 | -117.116747 | 32.6776042 | 32.67287 | -117.116133 |
| 32.4634375 | 32.672647 | -117.116840 | 32.5727546 | 32.67279 | -117.116747 | 32.6777894 | 32.67287 | -117.116133 |
| 32.4635532 | 32.672647 | -117.116840 | 32.5729282 | 32.67279 | -117.116747 | 32.677963 | 32.67287 | -117.116133 |
| 32.4637269 | 32.672647 | -117.116840 | 32.5730903 | 32.67279 | -117.116747 | 32.6781366 | 32.67287 | -117.116133 |
| 32.4638889 | 32.672647 | -117.116840 | 32.5732639 | 32.67279 | -117.116733 | 32.6783102 | 32.67287 | -117.116133 |
| 32.4640625 | 32.672647 | -117.116840 | 32.5734375 | 32.67279 | -117.116733 | 32.6784838 | 32.67287 | -117.116133 |
| 32.4642361 | 32.672647 | -117.116840 | 32.5736111 | 32.67279 | -117.116733 | 32.6786574 | 32.67287 | -117.116133 |
| 32.4644213 | 32.672647 | -117.116840 | 32.573831 | 32.67279 | -117.116733 | 32.678831 | 32.67287 | -117.116133 |
| 32.4645949 | 32.672647 | -117.116840 | 32.5739583 | 32.67279 | -117.116733 | 32.6790046 | 32.67287 | -117.116133 |
| 32.4647685 | 32.672647 | -117.116840 | 32.5741435 | 32.6728 | -117.116733 | 32.6791782 | 32.67287 | -117.116133 |
| 32.4650116 | 32.672647 | -117.116840 | 32.5743171 | 32.6728 | -117.116733 | 32.6793519 | 32.67287 | -117.116133 |
| 32.4651157 | 32.672647 | -117.116840 | 32.5744907 | 32.6728 | -117.116733 | 32.6795255 | 32.67287 | -117.116133 |
| 32.4652894 | 32.672647 | -117.116840 | 32.5746644 | 32.6728 | -117.116733 | 32.6797917 | 32.67287 | -117.116133 |
| 32.4654514 | 32.672647 | -117.116840 | 32.574838 | 32.6728 | -117.116733 | 32.6798727 | 32.67287 | -117.116147 |
| 32.4656250 | 32.672647 | -117.116840 | 32.5750232 | 32.6728 | -117.116733 | 32.6817708 | 32.67287 | -117.116147 |
| 32.4657986 | 32.672647 | -117.116840 | 32.5751736 | 32.6728 | -117.116733 | 32.6819444 | 32.67285 | -117.11616 |
| 32.4671875 | 32.672647 | -117.116840 | 32.5753472 | 32.6728 | -117.11672 | 32.6821181 | 32.67286 | -117.11616 |
| 32.4673727 | 32.672647 | -117.116840 | 32.5776157 | 32.6728 | -117.116693 | 32.6822917 | 32.67286 | -117.11616 |
| 32.4675347 | 32.672647 | -117.116840 | 32.5777894 | 32.6728 | -117.116693 | 32.6824653 | 32.67288 | -117.11616 |
| 32.4677083 | 32.672647 | -117.116840 | 32.577963 | 32.6728 | -117.116693 | 32.6826389 | 32.67288 | -117.116147 |
| 32.4678819 | 32.672647 | -117.116840 | 32.578125 | 32.6728 | -117.116693 | 32.6828125 | 32.67287 | -117.116147 |
| 32.4680556 | 32.672647 | -117.116840 | 32.5782986 | 32.6728 | -117.116693 | 32.6829977 | 32.67287 | -117.116147 |
| 32.4682407 | 32.672647 | -117.116840 | 32.5784722 | 32.6728 | -117.116693 | 32.6831713 | 32.67288 | -117.116133 |
| 32.4684144 | 32.672647 | -117.116840 | 32.578669 | 32.6728 | -117.116693 | 32.6833449 | 32.67288 | -117.116107 |
| 32.4685880 | 32.672647 | -117.116840 | 32.578831 | 32.6728 | -117.116693 | 32.6835185 | 32.67288 | -117.116107 |
| 32.4687616 | 32.672647 | -117.116840 | 32.5790046 | 32.6728 | -117.116693 | 32.6837384 | 32.67288 | -117.116107 |
| 32.4689352 | 32.672647 | -117.116840 | 32.5791782 | 32.6728 | -117.116693 | 32.6838657 | 32.67289 | -117.116107 |
| 32.4691088 | 32.672647 | -117.116840 | 32.5793519 | 32.6728 | -117.116693 | 32.6840394 | 32.67289 | -117.116107 |
| 32.4692824 | 32.672647 | -117.116840 | 32.5795255 | 32.6728 | -117.116693 | 32.684213 | 32.67288 | -117.116107 |
| 32.4694560 | 32.672647 | -117.116840 | 32.5797338 | 32.6728 | -117.116693 | 32.6843866 | 32.67288 | -117.11608 |
| 32.4696181 | 32.672647 | -117.116840 | 32.5798611 | 32.6728 | -117.11668 | 32.6845602 | 32.67288 | -117.116093 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4697917 | 32.672647 | -117.116840 | 32.5800463 | 32.67281 | -117.11668 | 32.6847338 | 32.67289 | -117.11608 |
| 32.4700116 | 32.672647 | -117.116840 | 32.5802199 | 32.67281 | -117.11668 | 32.6849074 | 32.67289 | -117.11608 |
| 32.4701389 | 32.672647 | -117.116840 | 32.5803935 | 32.67281 | -117.11668 | 32.6854167 | 32.67287 | -117.11608 |
| 32.4703125 | 32.672643 | -117.116867 | 32.5806366 | 32.67281 | -117.11668 | 32.6855903 | 32.67287 | -117.116067 |
| 32.4704977 | 32.672643 | -117.116867 | 32.5807755 | 32.67281 | -117.11668 | 32.6857639 | 32.67288 | -117.116067 |
| 32.4729167 | 32.672640 | -117.116867 | 32.5810764 | 32.67281 | -117.11668 | 32.6859375 | 32.67288 | -117.11608 |
| 32.4730903 | 32.672640 | -117.116867 | 32.58125 | 32.67281 | -117.11668 | 32.6861111 | 32.67288 | -117.11608 |
| 32.4732755 | 32.672640 | -117.116867 | 32.5814236 | 32.67282 | -117.11668 | 32.6862963 | 32.67288 | -117.11608 |
| 32.4734491 | 32.672640 | -117.116867 | 32.5815972 | 32.67282 | -117.11668 | 32.6864699 | 32.67288 | -117.11608 |
| 32.4736343 | 32.672640 | -117.116867 | 32.5817708 | 32.67282 | -117.11668 | 32.6866435 | 32.67288 | -117.11608 |
| 32.4737847 | 32.672640 | -117.116867 | 32.5819907 | 32.67282 | -117.11668 | 32.6868171 | 32.67288 | -117.11608 |
| 32.4739583 | 32.672637 | -117.116867 | 32.5821181 | 32.67283 | -117.11668 | 32.6869907 | 32.67288 | -117.11608 |
| 32.4741435 | 32.672637 | -117.116867 | 32.5822917 | 32.67283 | -117.11668 | 32.6871644 | 32.67288 | -117.11608 |
| 32.4743171 | 32.672637 | -117.116867 | 32.5824653 | 32.67283 | -117.11668 | 32.687338 | 32.67287 | -117.11608 |
| 32.4744907 | 32.672637 | -117.116880 | 32.5826389 | 32.67283 | -117.11668 | 32.6875116 | 32.67287 | -117.11608 |
| 32.4746528 | 32.672637 | -117.116880 | 32.5828125 | 32.67283 | -117.11668 | 32.6876852 | 32.67287 | -117.11608 |
| 32.4748264 | 32.672637 | -117.116880 | 32.5829977 | 32.67283 | -117.11668 | 32.6878588 | 32.67287 | -117.11608 |
| 32.4750000 | 32.672637 | -117.116880 | 32.5831713 | 32.67283 | -117.11668 | 32.6880324 | 32.67285 | -117.11608 |
| 32.4751852 | 32.672637 | -117.116880 | 32.5833449 | 32.67283 | -117.11668 | 32.688206 | 32.67286 | -117.11608 |
| 32.4753588 | 32.672637 | -117.116880 | 32.5836111 | 32.67283 | -117.11668 | 32.6883796 | 32.67284 | -117.11608 |
| 32.4756134 | 32.672637 | -117.116880 | 32.5836921 | 32.67283 | -117.11668 | 32.6885532 | 32.67284 | -117.11608 |
| 32.4756944 | 32.672637 | -117.116880 | 32.5838657 | 32.67284 | -117.11668 | 32.6887269 | 32.67284 | -117.11608 |
| 32.4758681 | 32.672637 | -117.116880 | | | | | | |

DrEx 113

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3528588 | 32.674130 | -117.115955 | 32.4567708 | 32.67249 | -117.117533 | 32.5585069 | 32.67295 | -117.117773 |
| 32.3530324 | 32.674123 | -117.115962 | 32.4569444 | 32.67249 | -117.117533 | 32.5586806 | 32.67295 | -117.117773 |
| 32.3532060 | 32.674104 | -117.115963 | 32.4571181 | 32.67249 | -117.117533 | 32.5588542 | 32.67295 | -117.117773 |
| 32.3533796 | 32.674103 | -117.115966 | 32.4573032 | 32.67249 | -117.117533 | 32.5590278 | 32.67292 | -117.11776 |
| 32.3535532 | 32.674088 | -117.115933 | 32.4574769 | 32.67249 | -117.117533 | 32.5592014 | 32.6729 | -117.117747 |
| 32.3537269 | 32.674084 | -117.115942 | 32.4576505 | 32.67249 | -117.117533 | 32.559375 | 32.67289 | -117.11772 |
| 32.3539005 | 32.674086 | -117.115939 | 32.4578241 | 32.67249 | -117.117533 | 32.5595486 | 32.67289 | -117.117693 |
| 32.3540741 | 32.674077 | -117.115937 | 32.4579977 | 32.6725 | -117.117547 | 32.5597222 | 32.67289 | -117.11768 |
| 32.3542477 | 32.674069 | -117.115945 | 32.4581713 | 32.6725 | -117.117547 | 32.559919 | 32.67289 | -117.11768 |
| 32.3544213 | 32.674068 | -117.115944 | 32.4586806 | 32.6725 | -117.117547 | 32.5600694 | 32.67289 | -117.11768 |
| 32.3545949 | 32.674060 | -117.115959 | 32.4588657 | 32.6725 | -117.117547 | 32.5602431 | 32.6729 | -117.117653 |
| 32.3547685 | 32.674051 | -117.115960 | 32.4590394 | 32.6725 | -117.117547 | 32.5604282 | 32.6729 | -117.117653 |
| 32.3549421 | 32.674036 | -117.115973 | 32.459213 | 32.6725 | -117.117547 | 32.5606019 | 32.6729 | -117.117653 |
| 32.3551157 | 32.674027 | -117.115975 | 32.459375 | 32.6725 | -117.117547 | 32.5611111 | 32.6729 | -117.117653 |
| 32.3552894 | 32.674019 | -117.115975 | 32.4595486 | 32.6725 | -117.117547 | 32.5612847 | 32.67291 | -117.117653 |
| 32.3554630 | 32.674014 | -117.116003 | 32.4597338 | 32.6725 | -117.117547 | 32.5614699 | 32.67291 | -117.117653 |
| 32.3556366 | 32.674014 | -117.115997 | 32.4599074 | 32.6725 | -117.117547 | 32.5616435 | 32.67291 | -117.117653 |
| 32.3558102 | 32.673993 | -117.116015 | 32.460081 | 32.6725 | -117.11756 | 32.5618171 | 32.67291 | -117.117653 |
| 32.3559838 | 32.673992 | -117.116015 | 32.4602431 | 32.6725 | -117.11756 | 32.5619907 | 32.67291 | -117.117653 |
| 32.3561574 | 32.673964 | -117.116023 | 32.4604167 | 32.6725 | -117.1176 | 32.5621644 | 32.67291 | -117.117653 |
| 32.3563310 | 32.673953 | -117.116029 | 32.4605903 | 32.6725 | -117.1176 | 32.562338 | 32.67291 | -117.117653 |
| 32.3565046 | 32.673941 | -117.116033 | 32.4607639 | 32.6725 | -117.1176 | 32.5625116 | 32.67291 | -117.117653 |
| 32.3566782 | 32.673922 | -117.116047 | 32.4609375 | 32.6725 | -117.1176 | 32.5627083 | 32.67291 | -117.117653 |
| 32.3568519 | 32.673912 | -117.116050 | 32.4611111 | 32.6725 | -117.1176 | 32.5628588 | 32.67291 | -117.117653 |
| 32.3570255 | 32.673919 | -117.116061 | 32.4612963 | 32.6725 | -117.1176 | 32.5630324 | 32.67291 | -117.117653 |
| 32.3571991 | 32.673893 | -117.116061 | 32.4614699 | 32.6725 | -117.117613 | 32.5631944 | 32.67291 | -117.117653 |
| 32.3573727 | 32.673881 | -117.116077 | 32.4616435 | 32.6725 | -117.117613 | 32.5633681 | 32.67291 | -117.117653 |
| 32.3575463 | 32.673876 | -117.116073 | 32.4618171 | 32.6725 | -117.117613 | 32.5635532 | 32.67292 | -117.117653 |
| 32.3577199 | 32.673873 | -117.116065 | 32.4619907 | 32.6725 | -117.117627 | 32.5637269 | 32.67292 | -117.117653 |
| 32.3578935 | 32.673858 | -117.116074 | 32.4625 | 32.67251 | -117.117653 | 32.5639005 | 32.67292 | -117.117653 |
| 32.3580671 | 32.673836 | -117.116072 | 32.4626852 | 32.67251 | -117.117653 | 32.5640625 | 32.67292 | -117.117653 |
| 32.3582407 | 32.673832 | -117.116068 | 32.4628588 | 32.67251 | -117.117653 | 32.5642361 | 32.67292 | -117.117653 |
| 32.3584144 | 32.673827 | -117.116075 | 32.4630671 | 32.67251 | -117.117653 | 32.5644213 | 32.67292 | -117.117653 |
| 32.3585880 | 32.673813 | -117.116084 | 32.4631944 | 32.67251 | -117.117653 | 32.5649306 | 32.67292 | -117.117653 |
| 32.3587616 | 32.673807 | -117.116087 | 32.4633796 | 32.67251 | -117.117653 | 32.5651042 | 32.67292 | -117.117653 |
| 32.3589352 | 32.673794 | -117.116088 | 32.4635532 | 32.67251 | -117.117653 | 32.5652894 | 32.67292 | -117.117653 |
| 32.3591088 | 32.673780 | -117.116088 | 32.4637269 | 32.67251 | -117.117653 | 32.565463 | 32.67292 | -117.117653 |
| 32.3592824 | 32.673769 | -117.116096 | 32.4639005 | 32.67251 | -117.117653 | 32.5656366 | 32.67292 | -117.117653 |
| 32.3594560 | 32.673750 | -117.116085 | 32.4640857 | 32.67251 | -117.117653 | 32.5658102 | 32.67292 | -117.117653 |
| 32.3596296 | 32.673739 | -117.116084 | 32.4642361 | 32.67251 | -117.117653 | 32.5659838 | 32.67292 | -117.117653 |
| 32.3598032 | 32.673736 | -117.116082 | 32.4644329 | 32.67251 | -117.117653 | 32.5662153 | 32.67292 | -117.117653 |
| 32.3599769 | 32.673750 | -117.116083 | 32.4645833 | 32.67251 | -117.117653 | 32.5663194 | 32.67292 | -117.117653 |
| 32.3601505 | 32.673736 | -117.116074 | 32.4648032 | 32.67251 | -117.117653 | 32.5664931 | 32.67292 | -117.117653 |
| 32.3603241 | 32.673740 | -117.116097 | 32.4649421 | 32.67251 | -117.117653 | 32.5666667 | 32.67292 | -117.117653 |
| 32.3604977 | 32.673720 | -117.116097 | 32.4651157 | 32.67251 | -117.11768 | 32.5668403 | 32.67292 | -117.117653 |
| 32.3606713 | 32.673731 | -117.116106 | 32.4652894 | 32.67251 | -117.11768 | 32.5670139 | 32.67292 | -117.117653 |
| 32.3608449 | 32.673715 | -117.116102 | 32.4655208 | 32.67251 | -117.11768 | 32.5672917 | 32.67292 | -117.117653 |
| 32.3610185 | 32.673713 | -117.116095 | 32.465625 | 32.67251 | -117.11768 | 32.5673727 | 32.67292 | -117.117653 |
| 32.3611921 | 32.673707 | -117.116091 | 32.4658102 | 32.67251 | -117.11768 | 32.5675347 | 32.67292 | -117.117653 |
| 32.3613657 | 32.673705 | -117.116086 | 32.466331 | 32.67251 | -117.11768 | 32.5677083 | 32.67292 | -117.117653 |
| 32.3615394 | 32.673701 | -117.116101 | 32.4665046 | 32.67251 | -117.117693 | 32.5678819 | 32.67292 | -117.117653 |
| 32.3617130 | 32.673707 | -117.116101 | 32.4666782 | 32.67251 | -117.117693 | 32.5680671 | 32.67293 | -117.117653 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3618866 | 32.673702 | -117.116109 | 32.4668519 | 32.67251 | -117.117693 | 32.5682407 | 32.67293 | -117.117653 |
| 32.3620602 | 32.673691 | -117.116112 | 32.4670255 | 32.67251 | -117.117693 | 32.568588 | 32.67293 | -117.117653 |
| 32.3622338 | 32.673692 | -117.116103 | 32.4671991 | 32.67251 | -117.117707 | 32.5687616 | 32.67293 | -117.117653 |
| 32.3624074 | 32.673687 | -117.116126 | 32.4673611 | 32.67251 | -117.117707 | 32.5689352 | 32.67293 | -117.11764 |
| 32.3625810 | 32.673676 | -117.116133 | 32.4675347 | 32.67251 | -117.117707 | 32.5690972 | 32.67293 | -117.11764 |
| 32.3627546 | 32.673658 | -117.116133 | 32.4677083 | 32.67251 | -117.11772 | 32.5692708 | 32.67293 | -117.11764 |
| 32.3629282 | 32.673666 | -117.116132 | 32.4678819 | 32.67251 | -117.11772 | 32.5694444 | 32.67293 | -117.11764 |
| 32.3631019 | 32.673657 | -117.116150 | 32.4680671 | 32.67251 | -117.11772 | 32.5696528 | 32.67293 | -117.11764 |
| 32.3632755 | 32.673634 | -117.116161 | 32.4682407 | 32.67251 | -117.11772 | 32.5698032 | 32.67293 | -117.11764 |
| 32.3634491 | 32.673613 | -117.116170 | 32.4684144 | 32.67251 | -117.11772 | 32.5699769 | 32.67293 | -117.11764 |
| 32.3636227 | 32.673592 | -117.116167 | 32.468588 | 32.67251 | -117.11772 | 32.5701505 | 32.67293 | -117.11764 |
| 32.3637963 | 32.673590 | -117.116162 | 32.4687963 | 32.67251 | -117.11772 | 32.5703125 | 32.67293 | -117.11764 |
| 32.3639699 | 32.673593 | -117.116176 | 32.4689236 | 32.67251 | -117.11772 | 32.5704861 | 32.67294 | -117.11764 |
| 32.3641435 | 32.673601 | -117.116173 | 32.4691319 | 32.67251 | -117.117747 | 32.5706713 | 32.67294 | -117.11764 |
| 32.3643171 | 32.673602 | -117.116172 | 32.4692824 | 32.6725 | -117.117747 | 32.5708449 | 32.67294 | -117.117627 |
| 32.3644213 | 32.673585 | -117.116195 | 32.4695255 | 32.6725 | -117.117787 | 32.5710185 | 32.67294 | -117.117627 |
| 32.3645833 | 32.673567 | -117.116200 | 32.4696296 | 32.6725 | -117.117787 | 32.5711806 | 32.67294 | -117.117627 |
| 32.3648611 | 32.673567 | -117.116213 | 32.4699769 | 32.67249 | -117.1178 | 32.5713542 | 32.67294 | -117.117627 |
| 32.3649421 | 32.673573 | -117.116213 | 32.4701389 | 32.67249 | -117.1178 | 32.5715278 | 32.67294 | -117.117627 |
| 32.3651157 | 32.673567 | -117.116227 | 32.4703125 | 32.67249 | -117.1178 | 32.5717014 | 32.67294 | -117.117627 |
| 32.3652894 | 32.673560 | -117.116253 | 32.4704861 | 32.67249 | -117.1178 | 32.5720602 | 32.67294 | -117.117627 |
| 32.3654630 | 32.673550 | -117.116253 | 32.4706713 | 32.67249 | -117.117827 | 32.5722222 | 32.67294 | -117.117627 |
| 32.3656366 | 32.673550 | -117.116253 | 32.4708449 | 32.67248 | -117.11784 | 32.5723958 | 32.67294 | -117.117627 |
| 32.3657986 | 32.673540 | -117.116253 | 32.4710185 | 32.67248 | -117.11784 | 32.572581 | 32.67294 | -117.117627 |
| 32.3660069 | 32.673537 | -117.116280 | 32.4711921 | 32.67248 | -117.117853 | 32.5727546 | 32.67294 | -117.117627 |
| 32.3661574 | 32.673530 | -117.116293 | 32.4713773 | 32.67248 | -117.117853 | 32.5729167 | 32.67294 | -117.117627 |
| 32.3663310 | 32.673513 | -117.116320 | 32.4715278 | 32.67248 | -117.117853 | 32.5730903 | 32.67295 | -117.117627 |
| 32.3665046 | 32.673507 | -117.116320 | 32.4717014 | 32.67248 | -117.117853 | 32.5732986 | 32.67295 | -117.117627 |
| 32.3667130 | 32.673507 | -117.116347 | 32.4718866 | 32.67248 | -117.117853 | 32.5734491 | 32.67295 | -117.117613 |
| 32.3668403 | 32.673500 | -117.116347 | 32.4720602 | 32.67248 | -117.117853 | 32.5736227 | 32.67295 | -117.117613 |
| 32.3670255 | 32.673500 | -117.116347 | 32.4722338 | 32.67248 | -117.117853 | 32.573831 | 32.67295 | -117.117613 |
| 32.3671991 | 32.673487 | -117.116360 | 32.4724074 | 32.67248 | -117.117867 | 32.5739583 | 32.67296 | -117.1176 |
| 32.3673611 | 32.673483 | -117.116373 | 32.472581 | 32.67248 | -117.117867 | 32.5741319 | 32.67296 | -117.1176 |
| 32.3675347 | 32.673473 | -117.116387 | 32.4727894 | 32.67248 | -117.117893 | 32.5743171 | 32.67296 | -117.1176 |
| 32.3680556 | 32.673470 | -117.116400 | 32.4729167 | 32.67248 | -117.117893 | 32.5744907 | 32.67296 | -117.1176 |
| 32.3682407 | 32.673463 | -117.116400 | 32.4730903 | 32.67248 | -117.117907 | 32.5746644 | 32.67296 | -117.1176 |
| 32.3684144 | 32.673457 | -117.116427 | 32.4736111 | 32.67247 | -117.117933 | 32.5748264 | 32.67296 | -117.1176 |
| 32.3685880 | 32.673457 | -117.116427 | 32.4737847 | 32.67247 | -117.117933 | 32.575 | 32.67297 | -117.1176 |
| 32.3687616 | 32.673453 | -117.116440 | 32.4739583 | 32.67247 | -117.117947 | 32.5751852 | 32.67297 | -117.1176 |
| 32.3689352 | 32.673440 | -117.116453 | 32.4741319 | 32.67247 | -117.117947 | 32.5753588 | 32.67297 | -117.1176 |
| 32.3691088 | 32.673430 | -117.116453 | 32.4743056 | 32.67247 | -117.117947 | 32.5776157 | 32.67298 | -117.117573 |
| 32.3692824 | 32.673430 | -117.116467 | 32.4744792 | 32.67247 | -117.117947 | 32.5777894 | 32.67298 | -117.117573 |
| 32.3694560 | 32.673430 | -117.116467 | 32.4746991 | 32.67247 | -117.117947 | 32.5779977 | 32.67298 | -117.117573 |
| 32.3696644 | 32.673427 | -117.116467 | 32.474838 | 32.67247 | -117.117947 | 32.578125 | 32.67298 | -117.11756 |
| 32.3697917 | 32.673427 | -117.116467 | 32.475 | 32.67247 | -117.117973 | 32.5782986 | 32.67298 | -117.11756 |
| 32.3699653 | 32.673427 | -117.116467 | 32.4751736 | 32.67247 | -117.117973 | 32.5784838 | 32.67298 | -117.11756 |
| 32.3701505 | 32.673427 | -117.116467 | 32.4753472 | 32.67247 | -117.117973 | 32.5786574 | 32.67298 | -117.11756 |
| 32.3703241 | 32.673427 | -117.116467 | 32.4755208 | 32.67247 | -117.117973 | 32.578831 | 32.67298 | -117.11756 |
| 32.3704977 | 32.673410 | -117.116493 | 32.4756944 | 32.67247 | -117.117973 | 32.5789931 | 32.67298 | -117.11756 |
| 32.3706713 | 32.673410 | -117.116493 | 32.4759722 | 32.67247 | -117.117987 | 32.5791667 | 32.67298 | -117.11756 |
| 32.3708449 | 32.673410 | -117.116493 | 32.4760532 | 32.67247 | -117.117987 | 32.5793403 | 32.67298 | -117.11756 |
| 32.3711111 | 32.673403 | -117.116493 | 32.4762153 | 32.67247 | -117.117987 | 32.5795255 | 32.67298 | -117.11756 |
| 32.3712153 | 32.673400 | -117.116493 | 32.4763889 | 32.67247 | -117.117987 | 32.5796991 | 32.67298 | -117.117547 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3713657 | 32.673400 | -117.116493 | 32.4765625 | 32.67247 | -117.117987 | 32.5798611 | 32.67298 | -117.117547 |
| 32.3718750 | 32.673380 | -117.116520 | 32.4767361 | 32.67247 | -117.117987 | 32.5800347 | 32.67298 | -117.117547 |
| 32.3720486 | 32.673380 | -117.116520 | 32.4769213 | 32.67247 | -117.117987 | 32.5802083 | 32.67298 | -117.117547 |
| 32.3722338 | 32.673377 | -117.116520 | 32.4783102 | 32.67245 | -117.118067 | 32.5803819 | 32.67299 | -117.117547 |
| 32.3724074 | 32.673377 | -117.116520 | 32.4785069 | 32.67245 | -117.118067 | 32.5805556 | 32.67299 | -117.117547 |
| 32.3725694 | 32.673377 | -117.116520 | 32.4786574 | 32.67245 | -117.118067 | 32.5807292 | 32.67299 | -117.117547 |
| 32.3727778 | 32.673373 | -117.116520 | 32.4788542 | 32.67245 | -117.118067 | 32.5826389 | 32.67299 | -117.117533 |
| 32.3729282 | 32.673373 | -117.116520 | 32.4789931 | 32.67245 | -117.118067 | 32.5828704 | 32.67299 | -117.117533 |
| 32.3731019 | 32.673373 | -117.116520 | 32.4792593 | 32.67245 | -117.11808 | 32.5829977 | 32.67299 | -117.117533 |
| 32.3732870 | 32.673367 | -117.116520 | 32.4793403 | 32.67245 | -117.11808 | 32.5831713 | 32.67299 | -117.117533 |
| 32.3734375 | 32.673367 | -117.116520 | 32.4795139 | 32.67244 | -117.11808 | 32.5833449 | 32.67299 | -117.117533 |
| 32.3736111 | 32.673363 | -117.116533 | 32.4796875 | 32.67244 | -117.11808 | 32.5836111 | 32.673 | -117.117533 |
| 32.3738773 | 32.673347 | -117.116533 | 32.4798611 | 32.67244 | -117.11808 | 32.5837153 | 32.673 | -117.117533 |
| 32.3739815 | 32.673343 | -117.116547 | 32.4800347 | 32.67244 | -117.11808 | 32.5838542 | 32.673 | -117.117533 |
| 32.3741435 | 32.673333 | -117.116547 | 32.4802083 | 32.67244 | -117.11808 | 32.5840278 | 32.673 | -117.117533 |
| 32.3743287 | 32.673310 | -117.116587 | 32.4804167 | 32.67244 | -117.11808 | 32.584213 | 32.673 | -117.117533 |
| 32.3744792 | 32.673307 | -117.116600 | 32.4805671 | 32.67244 | -117.11812 | 32.5843866 | 32.673 | -117.117533 |
| 32.3746528 | 32.673300 | -117.116600 | 32.4807407 | 32.67243 | -117.118133 | 32.5846181 | 32.673 | -117.117533 |
| 32.3748380 | 32.673290 | -117.116600 | 32.4809028 | 32.67242 | -117.118147 | 32.5847685 | 32.673 | -117.117533 |
| 32.3750116 | 32.673283 | -117.116613 | 32.4812269 | 32.67242 | -117.118147 | 32.5849074 | 32.673 | -117.117533 |
| 32.3752431 | 32.673273 | -117.116613 | 32.4814236 | 32.67242 | -117.118147 | 32.585081 | 32.673 | -117.117533 |
| 32.3764005 | 32.673260 | -117.116653 | 32.4815972 | 32.67242 | -117.118147 | 32.5852546 | 32.673 | -117.117533 |
| 32.3766204 | 32.673253 | -117.116653 | 32.4817708 | 32.67242 | -117.11816 | 32.5854861 | 32.673 | -117.117507 |
| 32.3767477 | 32.673250 | -117.116653 | 32.4826505 | 32.67242 | -117.118187 | 32.5855903 | 32.673 | -117.117507 |
| 32.3769213 | 32.673250 | -117.116653 | 32.4828357 | 32.67242 | -117.118187 | 32.5857639 | 32.67301 | -117.117507 |
| 32.3771875 | 32.673247 | -117.116653 | 32.4829861 | 32.67242 | -117.118187 | 32.5859722 | 32.67301 | -117.117507 |
| 32.3772917 | 32.673247 | -117.116653 | 32.4832523 | 32.67242 | -117.118187 | 32.5864699 | 32.67301 | -117.117507 |
| 32.3774421 | 32.673247 | -117.116653 | 32.4833449 | 32.67242 | -117.118187 | 32.5866435 | 32.67301 | -117.117507 |
| 32.3776042 | 32.673243 | -117.116667 | 32.4835185 | 32.67242 | -117.118187 | 32.5868171 | 32.67302 | -117.117493 |
| 32.3777778 | 32.673237 | -117.116667 | 32.4836806 | 32.67242 | -117.118187 | 32.5869907 | 32.67302 | -117.117493 |
| 32.3779977 | 32.673230 | -117.116667 | 32.4838542 | 32.67242 | -117.118187 | 32.5871644 | 32.67303 | -117.117493 |
| 32.3781250 | 32.673227 | -117.116667 | 32.4840278 | 32.67242 | -117.118187 | 32.587338 | 32.67303 | -117.117493 |
| 32.3783102 | 32.673227 | -117.116667 | 32.4842014 | 32.67242 | -117.118187 | 32.5875116 | 32.67303 | -117.117493 |
| 32.3784722 | 32.673223 | -117.116667 | 32.484375 | 32.67242 | -117.118187 | 32.5876852 | 32.67303 | -117.11748 |
| 32.3786458 | 32.673223 | -117.116667 | 32.4845486 | 32.67242 | -117.118187 | 32.5878472 | 32.67303 | -117.11748 |
| 32.3788194 | 32.673223 | -117.116667 | 32.4847222 | 32.67242 | -117.118187 | 32.5880208 | 32.67304 | -117.11748 |
| 32.3789931 | 32.673223 | -117.116680 | 32.4848958 | 32.67242 | -117.118187 | 32.588206 | 32.67304 | -117.11748 |
| 32.3791667 | 32.673223 | -117.116680 | 32.4851736 | 32.67242 | -117.118187 | 32.5883796 | 32.67305 | -117.117467 |
| 32.3793982 | 32.673217 | -117.116680 | 32.4852546 | 32.67242 | -117.118187 | 32.5885532 | 32.67306 | -117.117453 |
| 32.3795255 | 32.673217 | -117.116680 | 32.4854282 | 32.67242 | -117.118187 | 32.5887732 | 32.67306 | -117.117453 |
| 32.3805556 | 32.673200 | -117.116680 | 32.4856019 | 32.67241 | -117.1182 | 32.5889005 | 32.67306 | -117.117453 |
| 32.3807986 | 32.673200 | -117.116693 | 32.4857755 | 32.67241 | -117.1182 | 32.5890741 | 32.67306 | -117.117453 |
| 32.3809028 | 32.673200 | -117.116693 | 32.4859491 | 32.67241 | -117.1182 | 32.5892361 | 32.67306 | -117.117453 |
| 32.3810880 | 32.673200 | -117.116693 | 32.4866319 | 32.67241 | -117.118213 | 32.5894097 | 32.67307 | -117.117453 |
| 32.3812616 | 32.673197 | -117.116693 | 32.4868171 | 32.6724 | -117.118227 | 32.5895833 | 32.67308 | -117.117453 |
| 32.3814352 | 32.673197 | -117.116693 | 32.4869907 | 32.6724 | -117.118227 | 32.5897569 | 32.67308 | -117.117453 |
| 32.3817014 | 32.673173 | -117.116720 | 32.4871644 | 32.6724 | -117.11824 | 32.5902778 | 32.6731 | -117.117413 |
| 32.3817824 | 32.673170 | -117.116720 | 32.487338 | 32.6724 | -117.11824 | 32.5904514 | 32.6731 | -117.117413 |
| 32.3819560 | 32.673170 | -117.116720 | 32.4875116 | 32.6724 | -117.11824 | 32.590625 | 32.6731 | -117.117413 |
| 32.3821296 | 32.673163 | -117.116733 | 32.4876968 | 32.6724 | -117.11824 | 32.5907986 | 32.6731 | -117.117413 |
| 32.3823032 | 32.673163 | -117.116733 | 32.4878472 | 32.6724 | -117.11824 | 32.5909838 | 32.6731 | -117.117413 |
| 32.3824653 | 32.673160 | -117.116733 | 32.4880324 | 32.6724 | -117.11824 | 32.5911574 | 32.6731 | -117.1174 |
| 32.3826389 | 32.673160 | -117.116733 | 32.488206 | 32.6724 | -117.11824 | 32.591331 | 32.67311 | -117.1174 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3828125 | 32.673157 | -117.116733 | 32.4883796 | 32.6724 | -117.11824 | 32.5915162 | 32.67312 | -117.117387 |
| 32.3829977 | 32.673133 | -117.116787 | 32.4885532 | 32.6724 | -117.11824 | 32.5916667 | 32.67313 | -117.11736 |
| 32.3831713 | 32.673127 | -117.116787 | 32.4887616 | 32.6724 | -117.11824 | 32.5918519 | 32.67313 | -117.11736 |
| 32.3833449 | 32.673127 | -117.116787 | 32.4888889 | 32.6724 | -117.11824 | 32.5920255 | 32.67313 | -117.11736 |
| 32.3836458 | 32.673127 | -117.116787 | 32.4891204 | 32.6724 | -117.11824 | 32.5921991 | 32.67313 | -117.117347 |
| 32.3838657 | 32.673107 | -117.116800 | 32.4892477 | 32.6724 | -117.11824 | 32.5923727 | 32.67313 | -117.117347 |
| 32.3840278 | 32.673103 | -117.116800 | 32.4894213 | 32.6724 | -117.11824 | 32.5926042 | 32.67314 | -117.117333 |
| 32.3847338 | 32.673070 | -117.116827 | 32.4895949 | 32.6724 | -117.11824 | 32.5927083 | 32.67314 | -117.117333 |
| 32.3849074 | 32.673047 | -117.116867 | 32.4897569 | 32.6724 | -117.11824 | 32.5928819 | 32.67315 | -117.11732 |
| 32.3851736 | 32.673033 | -117.116867 | 32.4899306 | 32.6724 | -117.11824 | 32.5930556 | 32.67315 | -117.11732 |
| 32.3852546 | 32.673033 | -117.116867 | 32.4906366 | 32.6724 | -117.11824 | 32.5932986 | 32.67316 | -117.117307 |
| 32.3854167 | 32.673033 | -117.116880 | 32.4908102 | 32.6724 | -117.11824 | 32.5934259 | 32.67316 | -117.117307 |
| 32.3855903 | 32.673030 | -117.116880 | 32.4909722 | 32.6724 | -117.11824 | 32.593588 | 32.67316 | -117.117307 |
| 32.3857639 | 32.673030 | -117.116880 | 32.4911458 | 32.6724 | -117.11824 | 32.5949653 | 32.67319 | -117.11724 |
| 32.3859491 | 32.673027 | -117.116880 | 32.491331 | 32.6724 | -117.118267 | 32.5951389 | 32.67319 | -117.117227 |
| 32.3861227 | 32.673027 | -117.116880 | 32.4915046 | 32.6724 | -117.118267 | 32.5953125 | 32.67318 | -117.117173 |
| 32.3862963 | 32.673023 | -117.116880 | 32.4916782 | 32.6724 | -117.118267 | 32.5954861 | 32.67319 | -117.11708 |
| 32.3864699 | 32.673023 | -117.116880 | 32.4918519 | 32.6724 | -117.118267 | 32.5956597 | 32.67319 | -117.11708 |
| 32.3866435 | 32.673023 | -117.116880 | 32.4920255 | 32.6724 | -117.118267 | 32.5958333 | 32.67318 | -117.117053 |
| 32.3868171 | 32.673020 | -117.116880 | 32.4921875 | 32.6724 | -117.118267 | 32.5960069 | 32.67317 | -117.11704 |
| 32.3869792 | 32.673020 | -117.116880 | 32.4923611 | 32.6724 | -117.118267 | 32.5961921 | 32.67316 | -117.11704 |
| 32.3871644 | 32.673020 | -117.116880 | 32.4925463 | 32.6724 | -117.118267 | 32.5963657 | 32.67316 | -117.11704 |
| 32.3873380 | 32.673020 | -117.116880 | 32.4927199 | 32.6724 | -117.118267 | 32.5965394 | 32.67316 | -117.117027 |
| 32.3875116 | 32.673020 | -117.116880 | 32.4929282 | 32.6724 | -117.118267 | 32.596713 | 32.67316 | -117.117027 |
| 32.3876736 | 32.673013 | -117.116880 | 32.4930556 | 32.6724 | -117.118267 | 32.5968866 | 32.67316 | -117.117027 |
| 32.3878472 | 32.673013 | -117.116893 | 32.4932292 | 32.6724 | -117.118267 | 32.5972222 | 32.67317 | -117.117027 |
| 32.3880903 | 32.673010 | -117.116893 | 32.4934028 | 32.67239 | -117.118267 | 32.5973958 | 32.67317 | -117.117027 |
| 32.3893403 | 32.672967 | -117.116933 | 32.493588 | 32.67239 | -117.11828 | 32.5976389 | 32.67317 | -117.117013 |
| 32.3894213 | 32.672960 | -117.116933 | 32.4937616 | 32.67239 | -117.11828 | 32.5977431 | 32.67317 | -117.117013 |
| 32.3896991 | 32.672960 | -117.116947 | 32.4939352 | 32.67239 | -117.11828 | 32.5979514 | 32.67317 | -117.117013 |
| 32.3897801 | 32.672960 | -117.116947 | 32.4954861 | 32.67239 | -117.118293 | 32.5981019 | 32.67317 | -117.117013 |
| 32.3899306 | 32.672960 | -117.116947 | 32.4956597 | 32.67238 | -117.118293 | 32.5982755 | 32.67317 | -117.117013 |
| 32.3901157 | 32.672940 | -117.116960 | 32.4958333 | 32.67238 | -117.118307 | 32.5987847 | 32.67318 | -117.116987 |
| 32.3902894 | 32.672933 | -117.116960 | 32.4960069 | 32.67238 | -117.118307 | 32.5989583 | 32.67319 | -117.116987 |
| 32.3904977 | 32.672933 | -117.116973 | 32.4961806 | 32.67238 | -117.118307 | 32.5991319 | 32.67319 | -117.11696 |
| 32.3906250 | 32.672933 | -117.116973 | 32.4963542 | 32.67238 | -117.118307 | 32.5993171 | 32.67321 | -117.116933 |
| 32.3907986 | 32.672930 | -117.116973 | 32.4965278 | 32.67238 | -117.118333 | 32.5994907 | 32.67322 | -117.116907 |
| 32.3910301 | 32.672923 | -117.116973 | 32.4967014 | 32.67238 | -117.118333 | 32.5996644 | 32.67323 | -117.11684 |
| 32.3911574 | 32.672923 | -117.116973 | 32.4968866 | 32.67238 | -117.118333 | 32.5998264 | 32.67323 | -117.11684 |
| 32.3913194 | 32.672923 | -117.116987 | 32.4970602 | 32.67238 | -117.118333 | 32.6 | 32.67323 | -117.116813 |
| 32.3915278 | 32.672923 | -117.116987 | 32.4972338 | 32.67238 | -117.118333 | 32.6001736 | 32.67323 | -117.1168 |
| 32.3916782 | 32.672923 | -117.116987 | 32.4974074 | 32.67238 | -117.118333 | 32.6003588 | 32.67323 | -117.116787 |
| 32.3919329 | 32.672910 | -117.116987 | 32.497581 | 32.67238 | -117.118333 | 32.6005324 | 32.67323 | -117.11676 |
| 32.3920255 | 32.672910 | -117.116987 | 32.4977546 | 32.67238 | -117.118333 | 32.600706 | 32.67324 | -117.116747 |
| 32.3921991 | 32.672887 | -117.117013 | 32.4979282 | 32.67238 | -117.118333 | 32.6008681 | 32.67325 | -117.116733 |
| 32.3923727 | 32.672887 | -117.117013 | 32.4981019 | 32.67238 | -117.118333 | 32.6010417 | 32.67326 | -117.116693 |
| 32.3925463 | 32.672873 | -117.117027 | 32.4982755 | 32.67238 | -117.118333 | 32.6012269 | 32.67327 | -117.11668 |
| 32.3934028 | 32.672837 | -117.117080 | 32.4984491 | 32.67238 | -117.118333 | 32.6014005 | 32.67328 | -117.116667 |
| 32.3935764 | 32.672837 | -117.117080 | 32.4986227 | 32.67238 | -117.118333 | 32.6015741 | 32.6733 | -117.116667 |
| 32.3937616 | 32.672830 | -117.117080 | 32.4987963 | 32.67238 | -117.118333 | 32.6017361 | 32.67331 | -117.116653 |
| 32.3939352 | 32.672830 | -117.117080 | 32.4998264 | 32.67237 | -117.118373 | 32.6019097 | 32.67332 | -117.11664 |
| 32.3941088 | 32.672827 | -117.117080 | 32.5 | 32.67237 | -117.118387 | 32.6020833 | 32.67333 | -117.11664 |
| 32.3942824 | 32.672827 | -117.117080 | 32.5001736 | 32.67237 | -117.118387 | 32.6026157 | 32.67337 | -117.116587 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3944560 | 32.672827 | -117.117080 | 32.5003472 | 32.67237 | -117.118387 | 32.6027894 | 32.67337 | -117.116573 |
| 32.3946296 | 32.672823 | -117.117080 | 32.500544 | 32.67237 | -117.118387 | 32.6029514 | 32.67339 | -117.116547 |
| 32.3947917 | 32.672823 | -117.117093 | 32.5006944 | 32.67237 | -117.118387 | 32.603125 | 32.67341 | -117.116547 |
| 32.3949653 | 32.672823 | -117.117093 | 32.5008796 | 32.67237 | -117.118387 | 32.6032986 | 32.67342 | -117.116547 |
| 32.3951389 | 32.672820 | -117.117093 | 32.5010532 | 32.67237 | -117.118387 | 32.6034838 | 32.67343 | -117.116533 |
| 32.3953125 | 32.672807 | -117.117120 | 32.5012269 | 32.67237 | -117.118387 | 32.6036574 | 32.67344 | -117.11652 |
| 32.3954977 | 32.672803 | -117.117120 | 32.5014005 | 32.67236 | -117.118387 | 32.603831 | 32.67345 | -117.116507 |
| 32.3956713 | 32.672803 | -117.117120 | 32.5015741 | 32.67236 | -117.118413 | 32.6040046 | 32.67347 | -117.116493 |
| 32.3958449 | 32.672803 | -117.117120 | 32.5017361 | 32.67236 | -117.118413 | 32.6041782 | 32.67348 | -117.116493 |
| 32.3960185 | 32.672790 | -117.117133 | 32.5019097 | 32.67236 | -117.118413 | 32.6043519 | 32.67349 | -117.116493 |
| 32.3961921 | 32.672787 | -117.117133 | 32.5020833 | 32.67236 | -117.118413 | 32.6045255 | 32.67351 | -117.116493 |
| 32.3963542 | 32.672787 | -117.117133 | 32.5022569 | 32.67236 | -117.118413 | 32.6046875 | 32.67351 | -117.116467 |
| 32.3965278 | 32.672787 | -117.117133 | 32.5024421 | 32.67236 | -117.118413 | 32.6048611 | 32.67351 | -117.116453 |
| 32.3967130 | 32.672783 | -117.117133 | 32.5026157 | 32.67236 | -117.118413 | 32.6050694 | 32.67352 | -117.1164 |
| 32.3970602 | 32.672783 | -117.117133 | 32.5027778 | 32.67236 | -117.118413 | 32.6052199 | 32.67352 | -117.1164 |
| 32.3972338 | 32.672777 | -117.117133 | 32.5029861 | 32.67236 | -117.118413 | 32.6053935 | 32.67354 | -117.1164 |
| 32.3973958 | 32.672767 | -117.117173 | 32.5031366 | 32.67236 | -117.118427 | 32.6055556 | 32.67355 | -117.116387 |
| 32.3975694 | 32.672757 | -117.117173 | 32.5036458 | 32.67236 | -117.118427 | 32.6057292 | 32.67356 | -117.116387 |
| 32.3977431 | 32.672753 | -117.117173 | 32.5038194 | 32.67236 | -117.118427 | 32.6059144 | 32.67356 | -117.116347 |
| 32.3979282 | 32.672750 | -117.117187 | 32.5040046 | 32.67235 | -117.118427 | 32.608206 | 32.67368 | -117.11616 |
| 32.3981019 | 32.672750 | -117.117187 | 32.5041782 | 32.67235 | -117.11844 | 32.6083333 | 32.67369 | -117.116147 |
| 32.3982755 | 32.672750 | -117.117187 | 32.5043519 | 32.67235 | -117.11844 | 32.6085069 | 32.6737 | -117.116133 |
| 32.3984838 | 32.672747 | -117.117187 | 32.5045486 | 32.67235 | -117.11844 | 32.6086921 | 32.67371 | -117.116133 |
| 32.3986111 | 32.672747 | -117.117187 | 32.5046991 | 32.67235 | -117.118453 | 32.6088657 | 32.67372 | -117.116107 |
| 32.3987847 | 32.672747 | -117.117187 | 32.5048611 | 32.67233 | -117.118467 | 32.6090394 | 32.67372 | -117.116107 |
| 32.3989583 | 32.672743 | -117.117187 | 32.5050347 | 32.67232 | -117.118493 | 32.6092014 | 32.67373 | -117.116093 |
| 32.3991319 | 32.672743 | -117.117187 | 32.5052778 | 32.67232 | -117.118493 | 32.609375 | 32.67373 | -117.11608 |
| 32.3993171 | 32.672743 | -117.117187 | 32.5053819 | 32.67232 | -117.118493 | 32.6095602 | 32.67374 | -117.116067 |
| 32.3994907 | 32.672743 | -117.117187 | 32.5055556 | 32.67232 | -117.118493 | 32.6097338 | 32.67375 | -117.116067 |
| 32.3996644 | 32.672727 | -117.117227 | 32.5057407 | 32.67231 | -117.118507 | 32.609919 | 32.67377 | -117.116053 |
| 32.3998380 | 32.672720 | -117.117227 | 32.5059028 | 32.67231 | -117.118507 | 32.6100694 | 32.67378 | -117.116053 |
| 32.4000116 | 32.672720 | -117.117227 | 32.5060764 | 32.67231 | -117.11852 | 32.6102546 | 32.67379 | -117.116027 |
| 32.4001852 | 32.672707 | -117.117240 | 32.5062616 | 32.67231 | -117.11852 | 32.6104282 | 32.67381 | -117.116013 |
| 32.4020949 | 32.672670 | -117.117280 | 32.5064352 | 32.67231 | -117.118533 | 32.6106019 | 32.67381 | -117.116013 |
| 32.4022685 | 32.672670 | -117.117307 | 32.5066088 | 32.67231 | -117.118533 | 32.6107755 | 32.67382 | -117.116 |
| 32.4024306 | 32.672670 | -117.117307 | 32.5067824 | 32.67231 | -117.11856 | 32.6109491 | 32.67381 | -117.115987 |
| 32.4026042 | 32.672670 | -117.117307 | 32.506956 | 32.67231 | -117.11856 | 32.6111227 | 32.67382 | -117.115987 |
| 32.4027778 | 32.672670 | -117.117307 | 32.5074653 | 32.67231 | -117.1186 | 32.6112963 | 32.67381 | -117.115973 |
| 32.4029514 | 32.672670 | -117.117307 | 32.5076389 | 32.67232 | -117.1186 | 32.6114699 | 32.67383 | -117.115947 |
| 32.4031366 | 32.672670 | -117.117307 | 32.5078125 | 32.67232 | -117.1186 | 32.6119792 | 32.67386 | -117.115947 |
| 32.4033102 | 32.672663 | -117.117307 | 32.5080324 | 32.67232 | -117.1186 | 32.6121528 | 32.67386 | -117.115933 |
| 32.4034722 | 32.672663 | -117.117307 | 32.5081597 | 32.67232 | -117.1186 | 32.6123264 | 32.67387 | -117.115933 |
| 32.4036921 | 32.672660 | -117.117320 | 32.5083449 | 32.67232 | -117.1186 | 32.6125 | 32.67388 | -117.115933 |
| 32.4038194 | 32.672660 | -117.117320 | 32.5086111 | 32.67232 | -117.1186 | 32.6126852 | 32.67388 | -117.11592 |
| 32.4039931 | 32.672660 | -117.117320 | 32.5086921 | 32.67232 | -117.1186 | 32.6128588 | 32.6739 | -117.11592 |
| 32.4041667 | 32.672657 | -117.117320 | 32.5089005 | 32.67232 | -117.1186 | 32.6130324 | 32.67389 | -117.11592 |
| 32.4043519 | 32.672657 | -117.117320 | 32.5090278 | 32.67232 | -117.1186 | 32.613206 | 32.6739 | -117.11592 |
| 32.4045255 | 32.672657 | -117.117320 | 32.5092014 | 32.67232 | -117.118613 | 32.6133681 | 32.67389 | -117.11588 |
| 32.4047801 | 32.672653 | -117.117320 | 32.5093866 | 32.67232 | -117.118613 | 32.6135417 | 32.67389 | -117.11588 |
| 32.4048611 | 32.672653 | -117.117320 | 32.5095602 | 32.67231 | -117.118613 | 32.6137269 | 32.67389 | -117.11588 |
| 32.4050347 | 32.672653 | -117.117320 | 32.5097338 | 32.67231 | -117.118613 | 32.6139005 | 32.67389 | -117.115867 |
| 32.4052083 | 32.672647 | -117.117333 | 32.5099074 | 32.67231 | -117.118613 | 32.6140625 | 32.67389 | -117.115867 |
| 32.4053819 | 32.672647 | -117.117333 | 32.5100694 | 32.67231 | -117.118613 | 32.6142361 | 32.67387 | -117.115853 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4059144 | 32.672647 | -117.117333 | 32.5102431 | 32.67231 | -117.118613 | 32.6144213 | 32.67386 | -117.115853 |
| 32.4060880 | 32.672643 | -117.117333 | 32.5104282 | 32.67231 | -117.118613 | 32.6145949 | 32.67386 | -117.115853 |
| 32.4062616 | 32.672643 | -117.117347 | 32.5106019 | 32.67231 | -117.118613 | 32.6147685 | 32.67386 | -117.115853 |
| 32.4064468 | 32.672640 | -117.117347 | 32.5107639 | 32.67231 | -117.118613 | 32.6150116 | 32.67386 | -117.115853 |
| 32.4065972 | 32.672640 | -117.117347 | 32.5112847 | 32.67231 | -117.118613 | 32.6151157 | 32.67386 | -117.115853 |
| 32.4067708 | 32.672637 | -117.117347 | 32.5114583 | 32.67231 | -117.118613 | 32.6152894 | 32.67386 | -117.115853 |
| 32.4069560 | 32.672633 | -117.117360 | 32.5116319 | 32.67231 | -117.118613 | 32.6158102 | 32.67386 | -117.11584 |
| 32.4071296 | 32.672623 | -117.117387 | 32.511875 | 32.67231 | -117.118613 | 32.6159838 | 32.67385 | -117.115827 |
| 32.4073611 | 32.672620 | -117.117387 | 32.5119792 | 32.67231 | -117.118613 | 32.6161458 | 32.67383 | -117.1158 |
| 32.4074653 | 32.672620 | -117.117387 | 32.5121528 | 32.67231 | -117.118613 | 32.6163194 | 32.67383 | -117.115787 |
| 32.4076389 | 32.672620 | -117.117400 | 32.5123264 | 32.6723 | -117.118613 | 32.6164931 | 32.67382 | -117.115787 |
| 32.4078125 | 32.672620 | -117.117400 | 32.5125116 | 32.6723 | -117.11864 | 32.6166782 | 32.67382 | -117.115773 |
| 32.4079861 | 32.672617 | -117.117400 | 32.5126852 | 32.6723 | -117.11864 | 32.6168519 | 32.67382 | -117.11576 |
| 32.4081713 | 32.672617 | -117.117400 | 32.5128588 | 32.6723 | -117.11864 | 32.6170139 | 32.67381 | -117.115733 |
| 32.4083449 | 32.672617 | -117.117400 | 32.5130324 | 32.6723 | -117.11864 | 32.6171875 | 32.67382 | -117.11576 |
| 32.4086111 | 32.672603 | -117.117427 | 32.5131944 | 32.6723 | -117.118653 | 32.6173611 | 32.6738 | -117.115733 |
| 32.4086806 | 32.672603 | -117.117427 | 32.5133681 | 32.67229 | -117.11864 | 32.6175347 | 32.67379 | -117.115733 |
| 32.4088542 | 32.672603 | -117.117453 | 32.5135417 | 32.67229 | -117.11864 | 32.6177083 | 32.67378 | -117.115733 |
| 32.4090394 | 32.672590 | -117.117467 | 32.5137153 | 32.67229 | -117.118653 | 32.6178819 | 32.67376 | -117.115733 |
| 32.4092130 | 32.672590 | -117.117467 | 32.5138889 | 32.67229 | -117.118653 | 32.6180671 | 32.67376 | -117.115733 |
| 32.4122107 | 32.672500 | -117.117693 | 32.5140625 | 32.67229 | -117.118653 | 32.6182407 | 32.67375 | -117.115733 |
| 32.4123380 | 32.672500 | -117.117693 | 32.5142361 | 32.67229 | -117.118653 | 32.6184028 | 32.67375 | -117.115733 |
| 32.4125116 | 32.672487 | -117.117747 | 32.5144097 | 32.67229 | -117.118653 | 32.618588 | 32.67374 | -117.115733 |
| 32.4126852 | 32.672487 | -117.117747 | 32.5145949 | 32.67229 | -117.118653 | 32.6187616 | 32.67373 | -117.115733 |
| 32.4128472 | 32.672487 | -117.117747 | 32.5152894 | 32.67229 | -117.118667 | 32.6189815 | 32.67373 | -117.115733 |
| 32.4130208 | 32.672487 | -117.117747 | 32.515463 | 32.67229 | -117.118667 | 32.6191088 | 32.67373 | -117.115733 |
| 32.4131944 | 32.672487 | -117.117747 | 32.515625 | 32.67229 | -117.118667 | 32.6205093 | 32.67375 | -117.115693 |
| 32.4133681 | 32.672487 | -117.117747 | 32.5157986 | 32.67229 | -117.118667 | 32.6207176 | 32.67376 | -117.11572 |
| 32.4135417 | 32.672473 | -117.117747 | 32.5160764 | 32.67229 | -117.118667 | 32.6208449 | 32.67376 | -117.11572 |
| 32.4137153 | 32.672460 | -117.117787 | 32.5161574 | 32.67229 | -117.118667 | 32.6210185 | 32.67375 | -117.11572 |
| 32.4138889 | 32.672433 | -117.117827 | 32.516331 | 32.67229 | -117.118667 | 32.6211921 | 32.67375 | -117.115707 |
| 32.4140625 | 32.672423 | -117.117853 | 32.5164931 | 32.67228 | -117.118667 | 32.6213542 | 32.67375 | -117.115707 |
| 32.4142361 | 32.672423 | -117.117853 | 32.5166667 | 32.67228 | -117.11868 | 32.6215278 | 32.67374 | -117.115707 |
| 32.4144097 | 32.672420 | -117.117867 | 32.5168866 | 32.67228 | -117.11868 | 32.6217361 | 32.67374 | -117.11572 |
| 32.4145833 | 32.672417 | -117.117867 | 32.5170139 | 32.67228 | -117.11868 | 32.6218866 | 32.67374 | -117.115707 |
| 32.4147569 | 32.672417 | -117.117867 | 32.5171991 | 32.67228 | -117.118707 | 32.6220602 | 32.67374 | -117.115707 |
| 32.4150232 | 32.672417 | -117.117893 | 32.5173727 | 32.67227 | -117.118707 | 32.6222338 | 32.67371 | -117.115707 |
| 32.4151273 | 32.672417 | -117.117893 | 32.5175347 | 32.67227 | -117.11872 | 32.6223958 | 32.67372 | -117.11572 |
| 32.4152778 | 32.672403 | -117.117893 | 32.5177083 | 32.67227 | -117.11872 | 32.6226273 | 32.67372 | -117.11572 |
| 32.4157986 | 32.672400 | -117.117907 | 32.5178819 | 32.67227 | -117.11872 | 32.6227546 | 32.67372 | -117.11572 |
| 32.4159722 | 32.672400 | -117.117907 | 32.5180556 | 32.67227 | -117.11872 | 32.6229977 | 32.67374 | -117.11572 |
| 32.4161690 | 32.672393 | -117.117933 | 32.5182986 | 32.67227 | -117.11872 | 32.6231019 | 32.67376 | -117.115707 |
| 32.4163194 | 32.672387 | -117.117933 | 32.5184028 | 32.67227 | -117.11872 | 32.6232639 | 32.67377 | -117.115707 |
| 32.4165046 | 32.672377 | -117.117947 | 32.5185764 | 32.67227 | -117.11872 | 32.6234375 | 32.67376 | -117.115707 |
| 32.4166782 | 32.672360 | -117.117987 | 32.5190972 | 32.67226 | -117.11872 | 32.6236227 | 32.67376 | -117.115707 |
| 32.4168403 | 32.672343 | -117.118000 | 32.5192708 | 32.67226 | -117.11872 | 32.6250116 | 32.67375 | -117.115733 |
| 32.4170139 | 32.672343 | -117.118000 | 32.5194792 | 32.67226 | -117.11872 | 32.6251852 | 32.67375 | -117.11572 |
| 32.4172569 | 32.672320 | -117.118000 | 32.5196296 | 32.67226 | -117.11872 | 32.6253588 | 32.67375 | -117.11572 |
| 32.4173611 | 32.672307 | -117.118000 | 32.5198032 | 32.67226 | -117.11872 | 32.6255324 | 32.67376 | -117.115733 |
| 32.4176042 | 32.672303 | -117.118000 | 32.52 | 32.67226 | -117.11872 | 32.6256944 | 32.67376 | -117.115733 |
| 32.4177083 | 32.672303 | -117.118000 | 32.5202431 | 32.67226 | -117.11872 | 32.6258681 | 32.67375 | -117.11572 |
| 32.4178819 | 32.672303 | -117.118000 | 32.5203241 | 32.67226 | -117.11872 | 32.6260417 | 32.67374 | -117.115733 |
| 32.4181134 | 32.672293 | -117.118000 | 32.5204977 | 32.67226 | -117.11872 | 32.6262153 | 32.67374 | -117.115733 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4182407 | 32.672290 | -117.118000 | 32.5206713 | 32.67226 | -117.11872 | 32.6263889 | 32.67374 | -117.115733 |
| 32.4184144 | 32.672283 | -117.118000 | 32.5208449 | 32.67227 | -117.11872 | 32.6265625 | 32.67374 | -117.11572 |
| 32.4185880 | 32.672283 | -117.118000 | 32.5210648 | 32.67226 | -117.11872 | 32.6267477 | 32.67373 | -117.115733 |
| 32.4187500 | 32.672283 | -117.118000 | 32.5211921 | 32.67226 | -117.11872 | 32.6269213 | 32.67373 | -117.115733 |
| 32.4189236 | 32.672283 | -117.118000 | 32.5213657 | 32.67226 | -117.11872 | 32.6270949 | 32.67373 | -117.115733 |
| 32.4190972 | 32.672283 | -117.118000 | 32.5215394 | 32.67226 | -117.11872 | 32.6272685 | 32.67373 | -117.115733 |
| 32.4196296 | 32.672277 | -117.118000 | 32.521713 | 32.67226 | -117.11872 | 32.6274421 | 32.67373 | -117.115733 |
| 32.4198032 | 32.672283 | -117.118000 | 32.521875 | 32.67227 | -117.11872 | 32.6276157 | 32.67374 | -117.115733 |
| 32.4199769 | 32.672283 | -117.118000 | 32.5220486 | 32.67226 | -117.11872 | 32.6277894 | 32.67374 | -117.115733 |
| 32.4201505 | 32.672283 | -117.117987 | 32.5222222 | 32.67226 | -117.11872 | 32.627963 | 32.67373 | -117.115733 |
| 32.4203241 | 32.672283 | -117.117987 | 32.5224074 | 32.67226 | -117.118733 | 32.6281366 | 32.67374 | -117.115733 |
| 32.4204977 | 32.672267 | -117.117987 | 32.5241435 | 32.67225 | -117.118747 | 32.6286458 | 32.67373 | -117.115733 |
| 32.4206713 | 32.672260 | -117.117987 | 32.5243171 | 32.67225 | -117.118747 | 32.6288194 | 32.67372 | -117.115733 |
| 32.4208449 | 32.672257 | -117.117987 | 32.5244907 | 32.67225 | -117.118747 | 32.6289931 | 32.67372 | -117.115733 |
| 32.4210185 | 32.672253 | -117.117987 | 32.5246644 | 32.67225 | -117.118747 | 32.6291667 | 32.67372 | -117.115733 |
| 32.4211921 | 32.672250 | -117.117973 | 32.524838 | 32.67225 | -117.118747 | 32.6293519 | 32.67373 | -117.115733 |
| 32.4213657 | 32.672247 | -117.117947 | 32.525 | 32.67225 | -117.118747 | 32.6295255 | 32.67374 | -117.115733 |
| 32.4215857 | 32.672247 | -117.117947 | 32.5251736 | 32.67225 | -117.118733 | 32.6296991 | 32.67373 | -117.115733 |
| 32.4217130 | 32.672247 | -117.117947 | 32.5253472 | 32.67225 | -117.118733 | 32.6298611 | 32.67373 | -117.115733 |
| 32.4218866 | 32.672247 | -117.117947 | 32.5255208 | 32.67225 | -117.118733 | 32.6300347 | 32.67372 | -117.115733 |
| 32.4220718 | 32.672247 | -117.117947 | 32.5257292 | 32.67225 | -117.118733 | 32.6302083 | 32.67372 | -117.115733 |
| 32.4222222 | 32.672247 | -117.117947 | 32.5258796 | 32.67225 | -117.118733 | 32.6303819 | 32.67372 | -117.115733 |
| 32.4223958 | 32.672247 | -117.117947 | 32.5261111 | 32.67225 | -117.118733 | 32.6305556 | 32.67372 | -117.115733 |
| 32.4225694 | 32.672247 | -117.117947 | 32.5262153 | 32.67225 | -117.118733 | 32.6307407 | 32.67372 | -117.115733 |
| 32.4227431 | 32.672247 | -117.117947 | 32.5264352 | 32.67225 | -117.11872 | 32.6309144 | 32.67372 | -117.115733 |
| 32.4229167 | 32.672257 | -117.117947 | 32.5265625 | 32.67225 | -117.11872 | 32.631088 | 32.67372 | -117.115733 |
| 32.4240278 | 32.672253 | -117.117920 | 32.5267361 | 32.67225 | -117.11872 | 32.6312616 | 32.67371 | -117.115733 |
| 32.4241319 | 32.672257 | -117.117907 | 32.5269097 | 32.67225 | -117.11872 | 32.6314352 | 32.67371 | -117.115733 |
| 32.4243171 | 32.672260 | -117.117907 | 32.5270949 | 32.67225 | -117.118707 | 32.6316088 | 32.67371 | -117.115733 |
| 32.4244907 | 32.672267 | -117.117893 | 32.5272685 | 32.67225 | -117.118707 | 32.6317824 | 32.67371 | -117.115733 |
| 32.4246528 | 32.672267 | -117.117893 | 32.5274537 | 32.67225 | -117.118707 | 32.631956 | 32.67371 | -117.115733 |
| 32.4248264 | 32.672260 | -117.117893 | 32.5290046 | 32.67228 | -117.118613 | 32.6326389 | 32.67372 | -117.11576 |
| 32.4250463 | 32.672257 | -117.117867 | 32.5291782 | 32.67228 | -117.118613 | 32.6328125 | 32.67371 | -117.115733 |
| 32.4251852 | 32.672260 | -117.117867 | 32.5293519 | 32.67229 | -117.118613 | 32.6329977 | 32.67371 | -117.115733 |
| 32.4253588 | 32.672253 | -117.117867 | 32.529537 | 32.67229 | -117.118613 | 32.6331713 | 32.67371 | -117.115733 |
| 32.4255556 | 32.672253 | -117.117853 | 32.5296875 | 32.67229 | -117.118613 | 32.6333565 | 32.67372 | -117.115733 |
| 32.4257407 | 32.672247 | -117.117853 | 32.5298727 | 32.6723 | -117.1186 | 32.6335069 | 32.67372 | -117.115733 |
| 32.4258681 | 32.672257 | -117.117853 | 32.5300463 | 32.6723 | -117.118587 | 32.6336806 | 32.67372 | -117.115733 |
| 32.4260532 | 32.672260 | -117.117853 | 32.5302083 | 32.6723 | -117.118587 | 32.6338657 | 32.67373 | -117.115733 |
| 32.4262269 | 32.672267 | -117.117853 | 32.5303819 | 32.67231 | -117.118587 | 32.6340394 | 32.67372 | -117.115733 |
| 32.4264005 | 32.672273 | -117.117840 | 32.5305556 | 32.67231 | -117.118573 | 32.634213 | 32.67372 | -117.115733 |
| 32.4265625 | 32.672277 | -117.117827 | 32.5307292 | 32.67232 | -117.11856 | 32.6343866 | 32.67371 | -117.115733 |
| 32.4267361 | 32.672277 | -117.117827 | 32.5309144 | 32.67232 | -117.11856 | 32.6345486 | 32.67371 | -117.115733 |
| 32.4269213 | 32.672277 | -117.117827 | 32.531088 | 32.67233 | -117.118533 | 32.6347222 | 32.67369 | -117.115733 |
| 32.4270949 | 32.672277 | -117.117827 | 32.5312616 | 32.67233 | -117.118533 | 32.6348958 | 32.6737 | -117.115733 |
| 32.4272569 | 32.672277 | -117.117827 | 32.5314352 | 32.67233 | -117.11852 | 32.6350694 | 32.67369 | -117.115733 |
| 32.4282986 | 32.672287 | -117.117800 | 32.5316088 | 32.67233 | -117.11852 | 32.6352546 | 32.6737 | -117.115733 |
| 32.4284722 | 32.672287 | -117.117800 | 32.5318403 | 32.67234 | -117.118493 | 32.6354282 | 32.67372 | -117.115733 |
| 32.4286458 | 32.672287 | -117.117800 | 32.531956 | 32.67235 | -117.118467 | 32.6356019 | 32.67372 | -117.115733 |
| 32.4288194 | 32.672290 | -117.117800 | 32.5321296 | 32.67236 | -117.118467 | 32.6357755 | 32.67373 | -117.115733 |
| 32.4289931 | 32.672293 | -117.117800 | 32.5323032 | 32.67236 | -117.118467 | 32.6382176 | 32.67372 | -117.115733 |
| 32.4291782 | 32.672297 | -117.117800 | 32.5328125 | 32.67236 | -117.11844 | 32.6383681 | 32.67372 | -117.115733 |
| 32.4293519 | 32.672297 | -117.117800 | 32.5329977 | 32.67237 | -117.118427 | 32.6385417 | 32.67372 | -117.115733 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4295139 | 32.672297 | -117.117800 | 32.5331713 | 32.67237 | -117.118413 | 32.6387269 | 32.67371 | -117.115733 |
| 32.4296875 | 32.672297 | -117.117800 | 32.5333449 | 32.67238 | -117.118387 | 32.6389005 | 32.67371 | -117.115733 |
| 32.4298727 | 32.672297 | -117.117800 | 32.5335185 | 32.67238 | -117.118387 | 32.6390625 | 32.67373 | -117.115733 |
| 32.4300463 | 32.672297 | -117.117787 | 32.5336921 | 32.67239 | -117.118387 | 32.6392361 | 32.67375 | -117.115733 |
| 32.4302199 | 32.672303 | -117.117787 | 32.5338657 | 32.67239 | -117.118387 | 32.6394097 | 32.67374 | -117.115733 |
| 32.4303935 | 32.672307 | -117.117787 | 32.5340394 | 32.6724 | -117.118387 | 32.6395949 | 32.67374 | -117.115733 |
| 32.4305671 | 32.672313 | -117.117773 | 32.5342245 | 32.6724 | -117.11836 | 32.6397685 | 32.67374 | -117.115733 |
| 32.4307407 | 32.672320 | -117.117747 | 32.534375 | 32.6724 | -117.118347 | 32.6399421 | 32.67374 | -117.115733 |
| 32.4309144 | 32.672320 | -117.117747 | 32.5345486 | 32.67242 | -117.118333 | 32.6401157 | 32.67374 | -117.115733 |
| 32.4311458 | 32.672320 | -117.117720 | 32.5347338 | 32.67243 | -117.118333 | 32.6402778 | 32.67374 | -117.115733 |
| 32.4312963 | 32.672323 | -117.117720 | 32.5348958 | 32.67244 | -117.118333 | 32.6404514 | 32.67374 | -117.115733 |
| 32.4314236 | 32.672327 | -117.117720 | 32.5350694 | 32.67244 | -117.118333 | 32.640625 | 32.67374 | -117.115733 |
| 32.4316088 | 32.672333 | -117.117693 | 32.5352431 | 32.67245 | -117.118293 | 32.6408102 | 32.67374 | -117.115733 |
| 32.4321296 | 32.672357 | -117.117653 | 32.5354167 | 32.67245 | -117.11828 | 32.6409838 | 32.67374 | -117.115733 |
| 32.4323032 | 32.672357 | -117.117653 | 32.5355903 | 32.67246 | -117.118267 | 32.6411458 | 32.67374 | -117.115733 |
| 32.4325463 | 32.672360 | -117.117653 | 32.5357639 | 32.67247 | -117.118267 | 32.641331 | 32.67374 | -117.115733 |
| 32.4326505 | 32.672360 | -117.117653 | 32.5359375 | 32.67248 | -117.11824 | 32.6415046 | 32.67373 | -117.115733 |
| 32.4328241 | 32.672360 | -117.117640 | 32.5361111 | 32.67248 | -117.11824 | 32.6423727 | 32.67376 | -117.115733 |
| 32.4329861 | 32.672363 | -117.117627 | 32.5375116 | 32.67251 | -117.118213 | 32.6425347 | 32.67377 | -117.11576 |
| 32.4331597 | 32.672360 | -117.117613 | 32.5376852 | 32.67252 | -117.118213 | 32.6427083 | 32.67376 | -117.11576 |
| 32.4333333 | 32.672360 | -117.117613 | 32.5378472 | 32.67252 | -117.1182 | 32.6428819 | 32.67377 | -117.11576 |
| 32.4335069 | 32.672363 | -117.117613 | 32.5380208 | 32.67252 | -117.1182 | 32.6430556 | 32.67377 | -117.11576 |
| 32.4336921 | 32.672370 | -117.117600 | 32.5381944 | 32.67252 | -117.1182 | 32.6432292 | 32.67378 | -117.11576 |
| 32.4338542 | 32.672387 | -117.117613 | 32.5383796 | 32.67252 | -117.1182 | 32.6434028 | 32.67378 | -117.11576 |
| 32.4340278 | 32.672400 | -117.117613 | 32.5385532 | 32.67252 | -117.1182 | 32.6435995 | 32.67378 | -117.11576 |
| 32.4342014 | 32.672400 | -117.117613 | 32.5387269 | 32.67252 | -117.1182 | 32.64375 | 32.67378 | -117.11576 |
| 32.4343750 | 32.672400 | -117.117600 | 32.5389005 | 32.67253 | -117.1182 | 32.6439236 | 32.67378 | -117.11576 |
| 32.4345486 | 32.672403 | -117.117600 | 32.5390625 | 32.67253 | -117.1182 | 32.6440972 | 32.67379 | -117.11576 |
| 32.4347222 | 32.672403 | -117.117600 | 32.5392477 | 32.67253 | -117.1182 | 32.6442824 | 32.67379 | -117.11576 |
| 32.4349074 | 32.672407 | -117.117600 | 32.5394213 | 32.67253 | -117.1182 | 32.644456 | 32.67379 | -117.11576 |
| 32.4350810 | 32.672407 | -117.117600 | 32.5395949 | 32.67254 | -117.118187 | 32.6446296 | 32.67379 | -117.11576 |
| 32.4352778 | 32.672417 | -117.117600 | 32.5397685 | 32.67255 | -117.118147 | 32.6448032 | 32.67379 | -117.11576 |
| 32.4354167 | 32.672417 | -117.117600 | 32.5399421 | 32.67257 | -117.118133 | 32.6449653 | 32.67379 | -117.11576 |
| 32.4378472 | 32.672433 | -117.117560 | 32.5401736 | 32.6726 | -117.118093 | 32.6451389 | 32.67379 | -117.11576 |
| 32.4380208 | 32.672437 | -117.117547 | 32.5403009 | 32.67261 | -117.11808 | 32.6453125 | 32.67379 | -117.11576 |
| 32.4382060 | 32.672433 | -117.117547 | 32.5404514 | 32.67263 | -117.118067 | 32.6454861 | 32.6738 | -117.11576 |
| 32.4383796 | 32.672430 | -117.117547 | 32.540625 | 32.67264 | -117.118053 | 32.6456597 | 32.6738 | -117.11576 |
| 32.4386111 | 32.672430 | -117.117533 | 32.5407986 | 32.67265 | -117.11804 | 32.6460069 | 32.67381 | -117.11576 |
| 32.4387153 | 32.672430 | -117.117533 | 32.5411458 | 32.67267 | -117.118 | 32.6461806 | 32.67382 | -117.115773 |
| 32.4388889 | 32.672437 | -117.117507 | 32.5413194 | 32.67268 | -117.118 | 32.6463657 | 32.67381 | -117.11576 |
| 32.4390625 | 32.672440 | -117.117507 | 32.5415046 | 32.67269 | -117.117987 | 32.6465394 | 32.67382 | -117.11576 |
| 32.4392477 | 32.672443 | -117.117507 | 32.5416782 | 32.6727 | -117.117987 | 32.646713 | 32.67382 | -117.115733 |
| 32.4394213 | 32.672443 | -117.117507 | 32.5418519 | 32.67271 | -117.117987 | 32.6468866 | 32.67383 | -117.11576 |
| 32.4395949 | 32.672443 | -117.117507 | 32.5420255 | 32.67272 | -117.117947 | 32.6470486 | 32.67383 | -117.11576 |
| 32.4397685 | 32.672443 | -117.117507 | 32.5421875 | 32.67272 | -117.117947 | 32.6472222 | 32.67383 | -117.115733 |
| 32.4399421 | 32.672443 | -117.117507 | 32.5423611 | 32.67273 | -117.117947 | 32.6473958 | 32.67382 | -117.115733 |
| 32.4401157 | 32.672443 | -117.117507 | 32.5425463 | 32.67274 | -117.117947 | 32.647581 | 32.67382 | -117.115733 |
| 32.4402894 | 32.672443 | -117.117507 | 32.5427199 | 32.67274 | -117.117947 | 32.6477431 | 32.67382 | -117.115733 |
| 32.4404514 | 32.672443 | -117.117507 | 32.5428935 | 32.67275 | -117.117933 | 32.6479167 | 32.67384 | -117.115733 |
| 32.4406250 | 32.672443 | -117.117507 | 32.5430671 | 32.67275 | -117.117933 | 32.6480903 | 32.67383 | -117.115733 |
| 32.4407986 | 32.672443 | -117.117507 | 32.5432292 | 32.67275 | -117.117933 | 32.6482639 | 32.67382 | -117.115733 |
| 32.4409722 | 32.672450 | -117.117507 | 32.5434028 | 32.67276 | -117.117933 | 32.6484491 | 32.67383 | -117.115733 |
| 32.4414931 | 32.672450 | -117.117507 | 32.5435995 | 32.67276 | -117.117933 | 32.6486227 | 32.67385 | -117.115733 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4416667 | 32.672450 | -117.117507 | 32.5437616 | 32.67277 | -117.11792 | 32.6487963 | 32.67385 | -117.115733 |
| 32.4418403 | 32.672453 | -117.117507 | 32.5439352 | 32.67279 | -117.11792 | 32.6489699 | 32.67385 | -117.115733 |
| 32.4420139 | 32.672453 | -117.117507 | 32.5441088 | 32.67279 | -117.117893 | 32.6491435 | 32.67385 | -117.115733 |
| 32.4421991 | 32.672453 | -117.117507 | 32.5442824 | 32.6728 | -117.117893 | 32.6496875 | 32.67389 | -117.11576 |
| 32.4423727 | 32.672453 | -117.117507 | 32.5448032 | 32.67281 | -117.11784 | 32.6498264 | 32.67389 | -117.11576 |
| 32.4425347 | 32.672453 | -117.117507 | 32.5449769 | 32.67282 | -117.117827 | 32.6500232 | 32.67389 | -117.11576 |
| 32.4427083 | 32.672457 | -117.117507 | 32.5451505 | 32.67281 | -117.117827 | 32.6501852 | 32.67389 | -117.115733 |
| 32.4428819 | 32.672457 | -117.117507 | 32.5453241 | 32.67282 | -117.117827 | 32.6503588 | 32.67387 | -117.115733 |
| 32.4430671 | 32.672467 | -117.117493 | 32.5454977 | 32.67282 | -117.117827 | 32.6505324 | 32.67386 | -117.115733 |
| 32.4432407 | 32.672467 | -117.117493 | 32.5456713 | 32.67283 | -117.1178 | 32.6506944 | 32.67389 | -117.11576 |
| 32.4434144 | 32.672467 | -117.117493 | 32.5458449 | 32.67284 | -117.1178 | 32.6508681 | 32.67389 | -117.11576 |
| 32.4435880 | 32.672467 | -117.117493 | 32.5460185 | 32.67285 | -117.1178 | 32.6510417 | 32.67389 | -117.11576 |
| 32.4437616 | 32.672467 | -117.117493 | 32.5461921 | 32.67285 | -117.1178 | 32.6512153 | 32.67389 | -117.11576 |
| 32.4439931 | 32.672470 | -117.117493 | 32.5463657 | 32.67285 | -117.1178 | 32.6514005 | 32.67389 | -117.11576 |
| 32.4440972 | 32.672470 | -117.117493 | 32.5465394 | 32.67285 | -117.1178 | 32.6515741 | 32.67387 | -117.11576 |
| 32.4442708 | 32.672470 | -117.117493 | 32.546713 | 32.67286 | -117.1178 | 32.6517477 | 32.67386 | -117.115773 |
| 32.4444560 | 32.672473 | -117.117493 | 32.5468866 | 32.67286 | -117.1178 | 32.6519213 | 32.67387 | -117.11576 |
| 32.4446296 | 32.672473 | -117.117493 | 32.5470486 | 32.67286 | -117.1178 | 32.6520949 | 32.67388 | -117.11576 |
| 32.4447917 | 32.672473 | -117.117493 | 32.5472222 | 32.67286 | -117.1178 | 32.6522569 | 32.67388 | -117.115733 |
| 32.4453241 | 32.672473 | -117.117493 | 32.5473958 | 32.67287 | -117.1178 | 32.6524421 | 32.67388 | -117.11576 |
| 32.4454861 | 32.672477 | -117.117493 | 32.5476273 | 32.67287 | -117.1178 | 32.6526042 | 32.67388 | -117.11576 |
| 32.4456597 | 32.672477 | -117.117493 | 32.5477662 | 32.67287 | -117.1178 | 32.6527778 | 32.67388 | -117.11576 |
| 32.4458333 | 32.672477 | -117.117493 | 32.5479167 | 32.67287 | -117.1178 | 32.6533218 | 32.67388 | -117.11576 |
| 32.4460069 | 32.672477 | -117.117493 | 32.5481019 | 32.67287 | -117.1178 | 32.6534722 | 32.67389 | -117.11576 |
| 32.4461806 | 32.672477 | -117.117480 | 32.5487963 | 32.67287 | -117.1178 | 32.6536458 | 32.67389 | -117.115733 |
| 32.4464005 | 32.672477 | -117.117493 | 32.5489699 | 32.67287 | -117.1178 | 32.6538194 | 32.6739 | -117.115733 |
| 32.4465278 | 32.672480 | -117.117493 | 32.5491435 | 32.67287 | -117.1178 | 32.6539931 | 32.6739 | -117.115733 |
| 32.4467130 | 32.672480 | -117.117493 | 32.5493171 | 32.67287 | -117.1178 | 32.6541667 | 32.67391 | -117.115733 |
| 32.4468866 | 32.672480 | -117.117493 | 32.5494907 | 32.67288 | -117.1178 | 32.6543519 | 32.67392 | -117.115733 |
| 32.4470949 | 32.672480 | -117.117493 | 32.5496644 | 32.67288 | -117.1178 | 32.6545255 | 32.67392 | -117.11576 |
| 32.4472222 | 32.672480 | -117.117493 | 32.549838 | 32.67288 | -117.1178 | 32.6546991 | 32.67392 | -117.11576 |
| 32.4473958 | 32.672480 | -117.117493 | 32.5500116 | 32.67289 | -117.1178 | 32.6548727 | 32.67392 | -117.115733 |
| 32.4475694 | 32.672487 | -117.117493 | 32.5501852 | 32.67289 | -117.1178 | 32.6550463 | 32.67392 | -117.115733 |
| 32.4477431 | 32.672487 | -117.117493 | 32.5503588 | 32.67289 | -117.1178 | 32.6552199 | 32.67392 | -117.115733 |
| 32.4479167 | 32.672487 | -117.117493 | 32.5505324 | 32.67289 | -117.1178 | 32.6553935 | 32.67393 | -117.115733 |
| 32.4480903 | 32.672487 | -117.117493 | 32.550706 | 32.67289 | -117.1178 | 32.6555671 | 32.67393 | -117.115733 |
| 32.4482639 | 32.672487 | -117.117493 | 32.5508796 | 32.67289 | -117.1178 | 32.6557407 | 32.67394 | -117.115733 |
| 32.4484375 | 32.672487 | -117.117493 | 32.5510417 | 32.67289 | -117.1178 | 32.6559144 | 32.67394 | -117.115733 |
| 32.4486227 | 32.672487 | -117.117493 | 32.5512153 | 32.67289 | -117.1178 | 32.656088 | 32.67394 | -117.115733 |
| 32.4507292 | 32.672490 | -117.117493 | 32.5513889 | 32.67289 | -117.1178 | 32.6562616 | 32.67395 | -117.115733 |
| 32.4508796 | 32.672490 | -117.117493 | 32.5515741 | 32.67289 | -117.1178 | 32.6564236 | 32.67395 | -117.115733 |
| 32.4510532 | 32.672490 | -117.117493 | 32.5517477 | 32.67289 | -117.1178 | 32.656956 | 32.67395 | -117.115733 |
| 32.4512616 | 32.672490 | -117.117493 | 32.5519097 | 32.67289 | -117.1178 | 32.6571296 | 32.67396 | -117.115733 |
| 32.4513889 | 32.672490 | -117.117493 | 32.5524421 | 32.67289 | -117.1178 | 32.6572917 | 32.67396 | -117.11572 |
| 32.4515741 | 32.672490 | -117.117493 | 32.5526157 | 32.67289 | -117.1178 | 32.6574884 | 32.67396 | -117.11572 |
| 32.4517477 | 32.672490 | -117.117493 | 32.5527778 | 32.67289 | -117.1178 | 32.6576389 | 32.67396 | -117.11572 |
| 32.4519676 | 32.672490 | -117.117493 | 32.5529514 | 32.67289 | -117.1178 | 32.6578125 | 32.67396 | -117.11572 |
| 32.4521875 | 32.672490 | -117.117507 | 32.553125 | 32.67289 | -117.1178 | 32.6579977 | 32.67396 | -117.115707 |
| 32.4522685 | 32.672490 | -117.117507 | 32.5532986 | 32.6729 | -117.1178 | 32.6581713 | 32.67396 | -117.115707 |
| 32.4524421 | 32.672487 | -117.117507 | 32.5534722 | 32.6729 | -117.1178 | 32.6583333 | 32.67396 | -117.115707 |
| 32.4526042 | 32.672490 | -117.117507 | 32.5536458 | 32.6729 | -117.1178 | 32.6585069 | 32.67396 | -117.115707 |
| 32.4527778 | 32.672490 | -117.117507 | 32.5538194 | 32.6729 | -117.1178 | 32.6586921 | 32.67396 | -117.115707 |
| 32.4529514 | 32.672490 | -117.117507 | 32.5539931 | 32.6729 | -117.1178 | 32.6588889 | 32.67396 | -117.11572 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4531250 | 32.672490 | -117.117507 | 32.5541782 | 32.6729 | -117.1178 | 32.6590394 | 32.67396 | -117.115693 |
| 32.4532986 | 32.67249 | -117.117507 | 32.5543403 | 32.6729 | -117.1178 | 32.659213 | 32.67396 | -117.115707 |
| 32.4534722 | 32.67249 | -117.117507 | 32.5545139 | 32.6729 | -117.1178 | 32.6593866 | 32.67395 | -117.115693 |
| 32.4536458 | 32.67249 | -117.117507 | 32.5546875 | 32.6729 | -117.1178 | 32.6595602 | 32.67395 | -117.115693 |
| 32.4538194 | 32.67249 | -117.117507 | 32.5548727 | 32.6729 | -117.1178 | 32.6597338 | 32.67396 | -117.115693 |
| 32.4540046 | 32.67249 | -117.117507 | 32.5550463 | 32.67291 | -117.1178 | 32.6598958 | 32.67395 | -117.11568 |
| 32.4548727 | 32.67249 | -117.117507 | 32.5552778 | 32.67291 | -117.1178 | 32.6600694 | 32.67395 | -117.115693 |
| 32.4550463 | 32.67249 | -117.117507 | 32.5553819 | 32.67291 | -117.1178 | 32.6602431 | 32.67395 | -117.115693 |
| 32.4552083 | 32.67249 | -117.117507 | 32.5555556 | 32.67291 | -117.1178 | 32.6626852 | 32.67397 | -117.115707 |
| 32.4553819 | 32.67249 | -117.117533 | 32.5557407 | 32.67291 | -117.1178 | 32.6628472 | 32.67398 | -117.115707 |
| 32.4555903 | 32.67249 | -117.117533 | 32.5571296 | 32.67292 | -117.1178 | 32.6630208 | 32.67398 | -117.11572 |
| 32.4557407 | 32.67249 | -117.117533 | 32.5573032 | 32.67292 | -117.117787 | 32.6631944 | 32.67398 | -117.11572 |
| 32.4559144 | 32.67249 | -117.117533 | 32.5575926 | 32.67292 | -117.117787 | 32.6633681 | 32.67398 | -117.11572 |
| 32.456088 | 32.67249 | -117.117533 | 32.5578125 | 32.67294 | -117.117787 | 32.6635532 | 32.67397 | -117.115707 |
| 32.4562616 | 32.67249 | -117.117533 | 32.5580208 | 32.67295 | -117.117773 | 32.6637269 | 32.67397 | -117.115693 |
| 32.4564352 | 32.67249 | -117.117533 | 32.5581713 | 32.67295 | -117.117773 | 32.6639005 | 32.67397 | -117.11568 |
| 32.4565972 | 32.67249 | -117.117533 | 32.5583449 | 32.67295 | -117.117773 | | | |

DrEx 114

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3805671 | 32.674120 | -117.115933 | 32.4847222 | 32.673993 | -117.116347 | 32.5857755 | 32.67414 | -117.115947 |
| 32.3807407 | 32.674120 | -117.115933 | 32.4849074 | 32.673993 | -117.116347 | 32.5859491 | 32.67414 | -117.115947 |
| 32.3809144 | 32.674117 | -117.115947 | 32.4850810 | 32.673993 | -117.116347 | 32.5861227 | 32.67414 | -117.115947 |
| 32.3810880 | 32.674110 | -117.115973 | 32.4852546 | 32.673993 | -117.116347 | 32.5866435 | 32.67415 | -117.115947 |
| 32.3812732 | 32.674103 | -117.115973 | 32.4854282 | 32.673993 | -117.116347 | 32.5868056 | 32.67415 | -117.115947 |
| 32.3814468 | 32.674100 | -117.115973 | 32.4856019 | 32.673993 | -117.116347 | 32.5869792 | 32.67415 | -117.115947 |
| 32.3816088 | 32.674100 | -117.115973 | 32.4861111 | 32.673993 | -117.116347 | 32.5871528 | 32.67415 | -117.115947 |
| 32.3817824 | 32.674093 | -117.115973 | 32.4862847 | 32.673993 | -117.116347 | 32.5873264 | 32.67415 | -117.115947 |
| 32.3819444 | 32.674093 | -117.115973 | 32.4864583 | 32.673993 | -117.116347 | 32.5875 | 32.67415 | -117.115947 |
| 32.3821528 | 32.674090 | -117.115973 | 32.4866551 | 32.673993 | -117.116347 | 32.5876736 | 32.67415 | -117.115947 |
| 32.3828241 | 32.674077 | -117.115973 | 32.4868056 | 32.673993 | -117.116347 | 32.5878588 | 32.67415 | -117.115947 |
| 32.3829977 | 32.674077 | -117.115973 | 32.4869792 | 32.673993 | -117.116347 | 32.5880324 | 32.67415 | -117.115947 |
| 32.3831597 | 32.674077 | -117.115973 | 32.4871644 | 32.673993 | -117.116347 | 32.588206 | 32.67415 | -117.115947 |
| 32.3833333 | 32.674073 | -117.115973 | 32.4873380 | 32.673993 | -117.116347 | 32.5883681 | 32.67415 | -117.115947 |
| 32.3835069 | 32.674073 | -117.115973 | 32.4875116 | 32.673993 | -117.116347 | 32.5885417 | 32.67415 | -117.115947 |
| 32.3836921 | 32.674073 | -117.115973 | 32.4877546 | 32.673993 | -117.116347 | 32.5887153 | 32.67415 | -117.115947 |
| 32.3838657 | 32.674067 | -117.115973 | 32.4878588 | 32.673993 | -117.116347 | 32.5888889 | 32.67415 | -117.115947 |
| 32.3840278 | 32.674067 | -117.115973 | 32.4880324 | 32.673993 | -117.116347 | 32.5890625 | 32.67416 | -117.115947 |
| 32.3842014 | 32.674067 | -117.115973 | 32.4882060 | 32.673993 | -117.116347 | 32.5892361 | 32.67416 | -117.115947 |
| 32.3843750 | 32.674067 | -117.115973 | 32.4883796 | 32.673993 | -117.116347 | 32.5894097 | 32.67416 | -117.115947 |
| 32.3845486 | 32.674067 | -117.115973 | 32.4885417 | 32.673993 | -117.116347 | 32.5895833 | 32.67416 | -117.115947 |
| 32.3847222 | 32.674067 | -117.115973 | 32.4887153 | 32.673990 | -117.116347 | 32.5897569 | 32.67416 | -117.115947 |
| 32.3849653 | 32.674063 | -117.115973 | 32.4888889 | 32.673987 | -117.116347 | 32.5899306 | 32.67416 | -117.115947 |
| 32.3851157 | 32.674063 | -117.115973 | 32.4890625 | 32.673987 | -117.116347 | 32.590463 | 32.67416 | -117.115947 |
| 32.3852431 | 32.674063 | -117.115973 | 32.4892477 | 32.673983 | -117.116347 | 32.5906366 | 32.67416 | -117.115947 |
| 32.3854282 | 32.674060 | -117.115973 | 32.4894213 | 32.673983 | -117.116347 | 32.5908102 | 32.67416 | -117.115947 |
| 32.3856019 | 32.674060 | -117.115973 | 32.4899306 | 32.673983 | -117.116347 | 32.5909722 | 32.67416 | -117.115947 |
| 32.3857870 | 32.674057 | -117.115973 | 32.4901042 | 32.673980 | -117.116347 | 32.5911458 | 32.67416 | -117.115947 |
| 32.3859375 | 32.674057 | -117.115973 | 32.4902778 | 32.673980 | -117.116347 | 32.5913194 | 32.67416 | -117.115947 |
| 32.3871528 | 32.674043 | -117.115973 | 32.4904514 | 32.673980 | -117.116347 | 32.5914931 | 32.67416 | -117.115947 |
| 32.3873264 | 32.674040 | -117.115973 | 32.4906250 | 32.673980 | -117.116347 | 32.5916667 | 32.67416 | -117.115973 |
| 32.3875116 | 32.674040 | -117.115973 | 32.4907986 | 32.673980 | -117.116347 | 32.5918403 | 32.67417 | -117.115973 |
| 32.3876852 | 32.674037 | -117.115973 | 32.4909722 | 32.673980 | -117.116347 | 32.5920139 | 32.67417 | -117.115973 |
| 32.3878588 | 32.674037 | -117.115973 | 32.4911574 | 32.673980 | -117.116347 | 32.5922338 | 32.67418 | -117.115973 |
| 32.3880208 | 32.674030 | -117.115973 | 32.4913310 | 32.673980 | -117.116347 | 32.5923611 | 32.6742 | -117.115973 |
| 32.3881944 | 32.674030 | -117.115973 | 32.4915046 | 32.673980 | -117.116347 | 32.5925463 | 32.6742 | -117.115973 |
| 32.3883681 | 32.674030 | -117.115973 | 32.4917477 | 32.673980 | -117.116347 | 32.5927199 | 32.6742 | -117.115973 |
| 32.3885417 | 32.674027 | -117.115973 | 32.4918519 | 32.673980 | -117.116347 | 32.5928935 | 32.6742 | -117.115973 |
| 32.3887153 | 32.674027 | -117.115973 | 32.4920255 | 32.673980 | -117.116347 | 32.5930671 | 32.6742 | -117.115973 |
| 32.3889005 | 32.674023 | -117.115973 | 32.4921991 | 32.673980 | -117.116347 | 32.5932407 | 32.6742 | -117.115973 |
| 32.3890741 | 32.674023 | -117.115973 | 32.4923727 | 32.673980 | -117.116347 | 32.5934144 | 32.6742 | -117.115973 |
| 32.3892477 | 32.674020 | -117.115987 | 32.4925463 | 32.673980 | -117.116347 | 32.593588 | 32.6742 | -117.115973 |
| 32.3894213 | 32.674020 | -117.115987 | 32.4927199 | 32.673980 | -117.116347 | 32.5937616 | 32.6742 | -117.115973 |
| 32.3895949 | 32.674017 | -117.115987 | 32.4928935 | 32.673980 | -117.116347 | 32.5942824 | 32.6742 | -117.115973 |
| 32.3897685 | 32.674017 | -117.115987 | 32.4930671 | 32.673980 | -117.116347 | 32.594456 | 32.6742 | -117.115973 |
| 32.3899421 | 32.674017 | -117.115987 | 32.4946296 | 32.673970 | -117.116347 | 32.5946296 | 32.6742 | -117.115973 |
| 32.3901157 | 32.674017 | -117.115987 | 32.4948032 | 32.673970 | -117.116320 | 32.5948032 | 32.6742 | -117.115973 |
| 32.3902894 | 32.674010 | -117.115987 | 32.4949769 | 32.673970 | -117.116320 | 32.5949653 | 32.6742 | -117.115973 |
| 32.3904630 | 32.674010 | -117.115987 | 32.4951389 | 32.673970 | -117.116347 | 32.5951389 | 32.6742 | -117.115973 |
| 32.3916667 | 32.673993 | -117.115987 | 32.4953125 | 32.673970 | -117.116347 | 32.5953125 | 32.6742 | -117.115973 |
| 32.3918403 | 32.673993 | -117.115987 | 32.4954861 | 32.673970 | -117.116347 | 32.5954861 | 32.6742 | -117.115973 |
| 32.3920255 | 32.673993 | -117.115987 | 32.4956713 | 32.673967 | -117.116347 | 32.5956597 | 32.6742 | -117.115973 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3921991 | 32.673990 | -117.115987 | 32.4958449 | 32.673967 | -117.116347 | 32.5958681 | 32.67421 | -117.115973 |
| 32.3923727 | 32.673987 | -117.115987 | 32.4960185 | 32.673967 | -117.116347 | 32.5960185 | 32.67421 | -117.115973 |
| 32.3925463 | 32.673987 | -117.115987 | 32.4961806 | 32.673967 | -117.116347 | 32.5961921 | 32.67421 | -117.115987 |
| 32.3927199 | 32.673983 | -117.115987 | 32.4963542 | 32.673960 | -117.116347 | 32.5963657 | 32.67421 | -117.115987 |
| 32.3928935 | 32.673983 | -117.115973 | 32.4965278 | 32.673960 | -117.116347 | 32.5965394 | 32.67421 | -117.115987 |
| 32.3930556 | 32.673983 | -117.115973 | 32.4967014 | 32.673960 | -117.116347 | 32.596713 | 32.67421 | -117.115987 |
| 32.3932292 | 32.673980 | -117.115973 | 32.4968750 | 32.673960 | -117.116347 | 32.5968866 | 32.67421 | -117.115987 |
| 32.3934375 | 32.673980 | -117.115973 | 32.4970486 | 32.673960 | -117.116347 | 32.5970486 | 32.67421 | -117.115987 |
| 32.3935880 | 32.673980 | -117.115973 | 32.4972222 | 32.673960 | -117.116347 | 32.5972222 | 32.67421 | -117.115987 |
| 32.3937616 | 32.673980 | -117.115973 | 32.4973958 | 32.673960 | -117.116347 | 32.5973958 | 32.67421 | -117.115987 |
| 32.3939352 | 32.673973 | -117.115973 | 32.4976736 | 32.673950 | -117.116347 | 32.5975694 | 32.67421 | -117.115987 |
| 32.3941088 | 32.673973 | -117.115973 | 32.4977778 | 32.673950 | -117.116347 | 32.6000232 | 32.67421 | -117.115987 |
| 32.3942824 | 32.673973 | -117.115973 | 32.5001852 | 32.673937 | -117.116320 | 32.6001736 | 32.67422 | -117.115987 |
| 32.3944560 | 32.673970 | -117.115973 | 32.5003588 | 32.673930 | -117.116320 | 32.6003588 | 32.67422 | -117.115987 |
| 32.3946296 | 32.673970 | -117.115973 | 32.5005324 | 32.673927 | -117.116320 | 32.6005324 | 32.67422 | -117.115987 |
| 32.3948032 | 32.673970 | -117.115973 | 32.5007060 | 32.673927 | -117.116320 | 32.600706 | 32.67422 | -117.115987 |
| 32.3949769 | 32.673967 | -117.115973 | 32.5009722 | 32.673927 | -117.116320 | 32.6008796 | 32.67422 | -117.115987 |
| 32.3956829 | 32.673963 | -117.115973 | 32.5010764 | 32.673927 | -117.116320 | 32.6010532 | 32.67422 | -117.115987 |
| 32.3958333 | 32.673963 | -117.115973 | 32.5012153 | 32.673927 | -117.116320 | 32.6012269 | 32.67422 | -117.115987 |
| 32.3960069 | 32.673963 | -117.115973 | 32.5013889 | 32.673927 | -117.116320 | 32.6014005 | 32.67422 | -117.115987 |
| 32.3961921 | 32.673963 | -117.115973 | 32.5015625 | 32.673927 | -117.116320 | 32.6015741 | 32.67422 | -117.115987 |
| 32.3963657 | 32.673963 | -117.115973 | 32.5017361 | 32.673927 | -117.116320 | 32.6017477 | 32.67422 | -117.115987 |
| 32.3965278 | 32.673960 | -117.115973 | 32.5019213 | 32.673927 | -117.116320 | 32.6019213 | 32.67422 | -117.115987 |
| 32.3967014 | 32.673960 | -117.115973 | 32.5020949 | 32.673927 | -117.116320 | 32.6020949 | 32.67423 | -117.115987 |
| 32.3968750 | 32.673960 | -117.115973 | 32.5022569 | 32.673927 | -117.116320 | 32.6022685 | 32.67423 | -117.115987 |
| 32.3970602 | 32.673960 | -117.115973 | 32.5024306 | 32.673923 | -117.116307 | 32.6024421 | 32.67423 | -117.115987 |
| 32.3972338 | 32.673960 | -117.115973 | 32.5026042 | 32.673923 | -117.116307 | 32.6026157 | 32.67423 | -117.115987 |
| 32.3974074 | 32.673960 | -117.115973 | 32.5027778 | 32.673923 | -117.116307 | 32.6027894 | 32.67423 | -117.115987 |
| 32.3975810 | 32.673960 | -117.115973 | 32.5029514 | 32.673923 | -117.116307 | 32.602963 | 32.67423 | -117.115987 |
| 32.3977546 | 32.673953 | -117.115973 | 32.5031250 | 32.673917 | -117.116293 | 32.6031366 | 32.67423 | -117.115987 |
| 32.3979398 | 32.673953 | -117.115973 | 32.5032986 | 32.673917 | -117.116293 | 32.6036458 | 32.67424 | -117.115987 |
| 32.3980903 | 32.673953 | -117.115973 | 32.5039815 | 32.673913 | -117.116293 | 32.6038194 | 32.67424 | -117.115987 |
| 32.3982639 | 32.673953 | -117.115973 | 32.5041782 | 32.67391 | -117.116293 | 32.6039931 | 32.67424 | -117.115987 |
| 32.3984491 | 32.673950 | -117.115973 | 32.5043519 | 32.67391 | -117.116293 | 32.6041667 | 32.67424 | -117.115987 |
| 32.3986227 | 32.673950 | -117.115973 | 32.5045255 | 32.67391 | -117.116293 | 32.6043403 | 32.67424 | -117.115987 |
| 32.3987963 | 32.673950 | -117.115973 | 32.5046991 | 32.67391 | -117.116293 | 32.6045255 | 32.67424 | -117.115987 |
| 32.3989583 | 32.673950 | -117.115973 | 32.5048611 | 32.67391 | -117.116293 | 32.6046991 | 32.67424 | -117.115987 |
| 32.3995023 | 32.673947 | -117.115973 | 32.5050347 | 32.6739 | -117.11628 | 32.6048727 | 32.67424 | -117.116 |
| 32.3996644 | 32.673947 | -117.115947 | 32.5052083 | 32.6739 | -117.11628 | 32.6050347 | 32.67424 | -117.116 |
| 32.3998380 | 32.673947 | -117.115947 | 32.5053935 | 32.6739 | -117.11628 | 32.6052083 | 32.67424 | -117.116 |
| 32.4000116 | 32.673943 | -117.115947 | 32.5055671 | 32.6739 | -117.116293 | 32.6053819 | 32.67424 | -117.116 |
| 32.4001852 | 32.673943 | -117.115947 | 32.5057292 | 32.6739 | -117.116293 | 32.6055556 | 32.67424 | -117.116 |
| 32.4003588 | 32.673943 | -117.115947 | 32.5059028 | 32.6739 | -117.116293 | 32.6057407 | 32.67425 | -117.116013 |
| 32.4005208 | 32.673943 | -117.115947 | 32.5060764 | 32.6739 | -117.116293 | 32.6059144 | 32.67425 | -117.116013 |
| 32.4006944 | 32.673943 | -117.115947 | 32.5063542 | 32.6739 | -117.116293 | 32.606088 | 32.67425 | -117.116013 |
| 32.4008796 | 32.673943 | -117.115947 | 32.5064352 | 32.6739 | -117.116293 | 32.6062616 | 32.67426 | -117.116013 |
| 32.4010532 | 32.673943 | -117.115947 | 32.5066319 | 32.6739 | -117.116293 | 32.6064352 | 32.67426 | -117.116013 |
| 32.4012269 | 32.673937 | -117.115947 | 32.5067708 | 32.6739 | -117.116293 | 32.6066088 | 32.67426 | -117.116013 |
| 32.4014005 | 32.673937 | -117.115947 | 32.5069444 | 32.6739 | -117.116293 | 32.6067824 | 32.67426 | -117.116013 |
| 32.4015741 | 32.673937 | -117.115947 | 32.5071181 | 32.6739 | -117.116293 | 32.6071181 | 32.67426 | -117.116027 |
| 32.4017940 | 32.673937 | -117.115947 | 32.5073032 | 32.6739 | -117.116293 | 32.6072917 | 32.67426 | -117.116027 |
| 32.4019213 | 32.673937 | -117.115947 | 32.5079051 | 32.6739 | -117.116293 | 32.6074653 | 32.67425 | -117.116053 |
| 32.4020949 | 32.673937 | -117.115947 | 32.5079861 | 32.6739 | -117.116293 | 32.6076389 | 32.67425 | -117.116053 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4022685 | 32.673937 | -117.115947 | 32.5081597 | 32.6739 | -117.116293 | 32.6078125 | 32.67425 | -117.116053 |
| 32.4025000 | 32.673937 | -117.115947 | 32.5083333 | 32.6739 | -117.116293 | 32.6079861 | 32.67425 | -117.116053 |
| 32.4026042 | 32.673937 | -117.115947 | 32.5085648 | 32.6739 | -117.116293 | 32.6081597 | 32.67425 | -117.116053 |
| 32.4029514 | 32.673943 | -117.116013 | 32.5086921 | 32.6739 | -117.116293 | 32.6083333 | 32.67425 | -117.116053 |
| 32.4031366 | 32.673933 | -117.116053 | 32.5088657 | 32.6739 | -117.116293 | 32.6085069 | 32.67425 | -117.116053 |
| 32.4033102 | 32.673933 | -117.116053 | 32.5090278 | 32.6739 | -117.116293 | 32.6086806 | 32.67425 | -117.116053 |
| 32.4034954 | 32.673933 | -117.116053 | 32.5092014 | 32.6739 | -117.116293 | 32.6088657 | 32.67425 | -117.116053 |
| 32.4036458 | 32.673933 | -117.116053 | 32.509375 | 32.6739 | -117.116293 | 32.6090394 | 32.67425 | -117.116053 |
| 32.4038194 | 32.673933 | -117.116053 | 32.5095602 | 32.6739 | -117.116293 | 32.609213 | 32.67425 | -117.116053 |
| 32.4039931 | 32.673933 | -117.116053 | 32.5097338 | 32.6739 | -117.11628 | 32.6093866 | 32.67425 | -117.116053 |
| 32.4041667 | 32.673933 | -117.116053 | 32.5098958 | 32.6739 | -117.116293 | 32.6095486 | 32.67425 | -117.116053 |
| 32.4043403 | 32.673933 | -117.116053 | 32.5100694 | 32.6739 | -117.116293 | 32.6097222 | 32.67425 | -117.116053 |
| 32.4045255 | 32.673933 | -117.116053 | 32.5103357 | 32.6739 | -117.116293 | 32.6098958 | 32.67425 | -117.116053 |
| 32.4046991 | 32.673933 | -117.116053 | 32.5104282 | 32.6739 | -117.116293 | 32.6100694 | 32.67425 | -117.116067 |
| 32.4049653 | 32.673933 | -117.116053 | 32.5106134 | 32.6739 | -117.116293 | 32.6102431 | 32.67425 | -117.116067 |
| 32.4050463 | 32.673933 | -117.116053 | 32.5107639 | 32.6739 | -117.116293 | 32.6104167 | 32.67425 | -117.116067 |
| 32.4052199 | 32.673933 | -117.116053 | 32.5109375 | 32.6739 | -117.116293 | 32.6109722 | 32.67424 | -117.116067 |
| 32.4053935 | 32.673933 | -117.116053 | 32.5133681 | 32.6739 | -117.116293 | 32.6111227 | 32.67424 | -117.116067 |
| 32.4055671 | 32.673933 | -117.116053 | 32.5135532 | 32.6739 | -117.116293 | 32.6112963 | 32.67424 | -117.116067 |
| 32.4057407 | 32.673933 | -117.116053 | 32.5137616 | 32.6739 | -117.116293 | 32.6114583 | 32.67424 | -117.116067 |
| 32.4059144 | 32.673933 | -117.116053 | 32.5138889 | 32.6739 | -117.116293 | 32.6116319 | 32.67424 | -117.116067 |
| 32.4060880 | 32.673933 | -117.116053 | 32.5140625 | 32.6739 | -117.116293 | 32.6118056 | 32.67424 | -117.116067 |
| 32.4062616 | 32.673933 | -117.116053 | 32.5142477 | 32.6739 | -117.116293 | 32.6119792 | 32.67424 | -117.116067 |
| 32.4086921 | 32.673927 | -117.116053 | 32.5144213 | 32.6739 | -117.116293 | 32.6121528 | 32.67424 | -117.116067 |
| 32.4088657 | 32.673927 | -117.116053 | 32.5145949 | 32.6739 | -117.116293 | 32.6123264 | 32.67424 | -117.116067 |
| 32.4090394 | 32.673927 | -117.116053 | 32.5147685 | 32.6739 | -117.116293 | 32.6125 | 32.67424 | -117.116067 |
| 32.4092130 | 32.673923 | -117.116053 | 32.5149306 | 32.6739 | -117.116293 | 32.6126736 | 32.67424 | -117.116067 |
| 32.4093866 | 32.673923 | -117.116027 | 32.5151042 | 32.6739 | -117.116293 | 32.6128935 | 32.67424 | -117.116067 |
| 32.4095602 | 32.673923 | -117.116027 | 32.5152778 | 32.6739 | -117.116293 | 32.6130324 | 32.67424 | -117.116067 |
| 32.4097338 | 32.673923 | -117.116027 | 32.5155671 | 32.6739 | -117.116293 | 32.613206 | 32.67424 | -117.116067 |
| 32.4099074 | 32.673923 | -117.116027 | 32.5156482 | 32.6739 | -117.116293 | 32.6133796 | 32.67424 | -117.116067 |
| 32.4100810 | 32.673923 | -117.116027 | 32.5157986 | 32.6739 | -117.116293 | 32.6135532 | 32.67424 | -117.116067 |
| 32.4103241 | 32.673923 | -117.116027 | 32.5160069 | 32.6739 | -117.116293 | 32.6137269 | 32.67424 | -117.116067 |
| 32.4104167 | 32.673923 | -117.116027 | 32.5161574 | 32.6739 | -117.116293 | 32.6139005 | 32.67424 | -117.116067 |
| 32.4105903 | 32.673923 | -117.116027 | 32.516331 | 32.6739 | -117.116293 | 32.6140741 | 32.67424 | -117.116067 |
| 32.4107639 | 32.673923 | -117.116027 | 32.5165046 | 32.6739 | -117.116293 | 32.6142477 | 32.67424 | -117.116067 |
| 32.4109491 | 32.673923 | -117.116027 | 32.5168519 | 32.6739 | -117.116307 | 32.616331 | 32.67424 | -117.116067 |
| 32.4111227 | 32.673923 | -117.116027 | 32.5170139 | 32.6739 | -117.116307 | 32.6165046 | 32.67424 | -117.116067 |
| 32.4112963 | 32.673917 | -117.116027 | 32.5171875 | 32.6739 | -117.116307 | 32.6166782 | 32.67424 | -117.116067 |
| 32.4114583 | 32.673917 | -117.116027 | 32.5174074 | 32.6739 | -117.116307 | 32.6168519 | 32.67424 | -117.116067 |
| 32.4116319 | 32.673917 | -117.116027 | 32.5175347 | 32.6739 | -117.116307 | 32.6170255 | 32.67424 | -117.116067 |
| 32.4118171 | 32.673917 | -117.116027 | 32.5177315 | 32.6739 | -117.116307 | 32.6171991 | 32.67424 | -117.116067 |
| 32.4123958 | 32.673917 | -117.116027 | 32.5179051 | 32.6739 | -117.116307 | 32.6173727 | 32.67424 | -117.116067 |
| 32.4125000 | 32.673917 | -117.116027 | 32.5180671 | 32.6739 | -117.116307 | 32.6175463 | 32.67424 | -117.116067 |
| 32.4126736 | 32.673917 | -117.116027 | 32.5182407 | 32.6739 | -117.116307 | 32.6177083 | 32.67424 | -117.11608 |
| 32.4129398 | 32.673913 | -117.116027 | 32.5184491 | 32.6739 | -117.116307 | 32.6178819 | 32.67423 | -117.11608 |
| 32.4130208 | 32.673913 | -117.116027 | 32.5185764 | 32.6739 | -117.116307 | 32.6180556 | 32.67423 | -117.11608 |
| 32.4131944 | 32.673913 | -117.116027 | 32.51875 | 32.6739 | -117.116307 | 32.6182292 | 32.67423 | -117.11608 |
| 32.4133796 | 32.673913 | -117.116027 | 32.5189236 | 32.6739 | -117.116307 | 32.6184028 | 32.67423 | -117.11608 |
| 32.4135532 | 32.673913 | -117.116027 | 32.5191088 | 32.67391 | -117.116307 | 32.618588 | 32.67423 | -117.11608 |
| 32.4137153 | 32.673910 | -117.116027 | 32.5193519 | 32.67391 | -117.116307 | 32.6187616 | 32.67423 | -117.11608 |
| 32.4138889 | 32.673910 | -117.116027 | 32.519456 | 32.67391 | -117.11632 | 32.6189352 | 32.67423 | -117.11608 |
| 32.4140741 | 32.673910 | -117.116027 | 32.5196644 | 32.67391 | -117.11632 | 32.6191782 | 32.67423 | -117.11608 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4142477 | 32.673910 | -117.116027 | 32.5197917 | 32.67391 | -117.11632 | 32.6192824 | 32.67423 | -117.11608 |
| 32.4144097 | 32.673910 | -117.116027 | 32.52 | 32.67391 | -117.11632 | 32.619456 | 32.67423 | -117.11608 |
| 32.4145833 | 32.673910 | -117.116027 | 32.5201505 | 32.67391 | -117.11632 | 32.6196296 | 32.67423 | -117.11608 |
| 32.4147569 | 32.673910 | -117.116027 | 32.5206944 | 32.67391 | -117.11632 | 32.6218866 | 32.67422 | -117.11608 |
| 32.4149421 | 32.673910 | -117.116027 | 32.5208796 | 32.67391 | -117.11632 | 32.6220602 | 32.67422 | -117.11608 |
| 32.4151157 | 32.673910 | -117.116027 | 32.5210069 | 32.67391 | -117.11632 | 32.6222222 | 32.67422 | -117.11608 |
| 32.4152894 | 32.673910 | -117.116027 | 32.5211806 | 32.67391 | -117.11632 | 32.6223958 | 32.67422 | -117.11608 |
| 32.4154514 | 32.673907 | -117.116027 | 32.5213542 | 32.67391 | -117.11632 | 32.6225694 | 32.67422 | -117.11608 |
| 32.4156250 | 32.673907 | -117.116027 | 32.5215394 | 32.67391 | -117.11632 | 32.6227431 | 32.67422 | -117.11608 |
| 32.4161458 | 32.673907 | -117.116027 | 32.521713 | 32.67391 | -117.11632 | 32.6229167 | 32.67422 | -117.11608 |
| 32.4163194 | 32.673907 | -117.116027 | 32.5218866 | 32.67391 | -117.11632 | 32.6231019 | 32.67422 | -117.11608 |
| 32.4164931 | 32.673907 | -117.116027 | 32.5220602 | 32.67391 | -117.11632 | 32.6232755 | 32.67422 | -117.11608 |
| 32.4166782 | 32.673900 | -117.116027 | 32.5222338 | 32.67391 | -117.11632 | 32.6234375 | 32.67422 | -117.11608 |
| 32.4168519 | 32.673900 | -117.116027 | 32.5224074 | 32.67391 | -117.11632 | 32.6236111 | 32.67421 | -117.11608 |
| 32.4170255 | 32.673900 | -117.116027 | 32.522581 | 32.67391 | -117.11632 | 32.6237847 | 32.67421 | -117.11608 |
| 32.4172338 | 32.673900 | -117.116027 | 32.5227431 | 32.67391 | -117.11632 | 32.6239583 | 32.67421 | -117.11608 |
| 32.4173611 | 32.673900 | -117.116027 | 32.5229167 | 32.67391 | -117.11632 | 32.6241435 | 32.67421 | -117.11608 |
| 32.4175347 | 32.673900 | -117.116027 | 32.5230903 | 32.67391 | -117.11632 | 32.6243171 | 32.67421 | -117.11608 |
| 32.4177083 | 32.673900 | -117.116027 | 32.5232639 | 32.67391 | -117.11632 | 32.6244907 | 32.67421 | -117.11608 |
| 32.4178819 | 32.673900 | -117.116027 | 32.5234375 | 32.67391 | -117.11632 | 32.6246644 | 32.67421 | -117.11608 |
| 32.4180556 | 32.673900 | -117.116013 | 32.5236227 | 32.67391 | -117.11632 | 32.624838 | 32.67421 | -117.11608 |
| 32.4182292 | 32.673900 | -117.116013 | 32.5237963 | 32.67391 | -117.116347 | 32.6250116 | 32.67421 | -117.11608 |
| 32.4184028 | 32.673900 | -117.116013 | 32.5241319 | 32.67394 | -117.11632 | 32.6276157 | 32.67421 | -117.11608 |
| 32.4185764 | 32.673897 | -117.116013 | 32.5243056 | 32.67394 | -117.11632 | 32.6277894 | 32.67421 | -117.11608 |
| 32.4187500 | 32.673897 | -117.116013 | 32.5244792 | 32.67394 | -117.11632 | 32.6279514 | 32.67421 | -117.11608 |
| 32.4189699 | 32.673897 | -117.116013 | 32.5246644 | 32.67394 | -117.11632 | 32.628125 | 32.67421 | -117.11608 |
| 32.4190972 | 32.673897 | -117.116013 | 32.524838 | 32.67394 | -117.11632 | 32.6282986 | 32.67421 | -117.11608 |
| 32.4192708 | 32.673897 | -117.116013 | 32.5250347 | 32.67394 | -117.11632 | 32.6284722 | 32.67421 | -117.11608 |
| 32.4194560 | 32.673897 | -117.116013 | 32.5251736 | 32.67394 | -117.11632 | 32.6286458 | 32.67421 | -117.11608 |
| 32.4206713 | 32.673893 | -117.116000 | 32.5253472 | 32.67394 | -117.11632 | 32.6288194 | 32.6742 | -117.11608 |
| 32.4208449 | 32.673893 | -117.116000 | 32.5255324 | 32.67394 | -117.116307 | 32.6289931 | 32.6742 | -117.11608 |
| 32.4210301 | 32.673893 | -117.116000 | 32.525706 | 32.67394 | -117.116293 | 32.6291667 | 32.6742 | -117.11608 |
| 32.4211806 | 32.673893 | -117.116000 | 32.5258796 | 32.67394 | -117.11628 | 32.6293403 | 32.6742 | -117.11608 |
| 32.4213542 | 32.673897 | -117.116000 | 32.5260532 | 32.67394 | -117.11628 | 32.6295139 | 32.6742 | -117.11608 |
| 32.4215394 | 32.673897 | -117.116000 | 32.5262847 | 32.67394 | -117.11628 | 32.6296875 | 32.6742 | -117.11608 |
| 32.4217130 | 32.673897 | -117.116000 | 32.5263889 | 32.67394 | -117.11628 | 32.6298727 | 32.6742 | -117.11608 |
| 32.4218866 | 32.673897 | -117.116000 | 32.5265625 | 32.67393 | -117.11628 | 32.6300463 | 32.6742 | -117.11608 |
| 32.4220602 | 32.673897 | -117.116000 | 32.5267361 | 32.67392 | -117.116293 | 32.6302199 | 32.6742 | -117.11608 |
| 32.4222338 | 32.673897 | -117.116000 | 32.5269097 | 32.67391 | -117.116307 | 32.6303935 | 32.6742 | -117.11608 |
| 32.4223958 | 32.673897 | -117.115987 | 32.5270833 | 32.6739 | -117.116307 | 32.6305671 | 32.6742 | -117.11608 |
| 32.4225694 | 32.673897 | -117.115987 | 32.5272685 | 32.6739 | -117.116307 | 32.6307407 | 32.6742 | -117.11608 |
| 32.4227431 | 32.673900 | -117.115987 | 32.5274421 | 32.6739 | -117.116307 | 32.6309144 | 32.6742 | -117.11608 |
| 32.4229282 | 32.673900 | -117.115987 | 32.5293403 | 32.67389 | -117.116293 | 32.6331713 | 32.6742 | -117.11608 |
| 32.4231019 | 32.673900 | -117.115987 | 32.5295255 | 32.67389 | -117.116293 | 32.6333796 | 32.6742 | -117.11608 |
| 32.4232755 | 32.673900 | -117.115987 | 32.5296991 | 32.67389 | -117.116293 | 32.6335069 | 32.6742 | -117.11608 |
| 32.4234491 | 32.673900 | -117.115987 | 32.5298727 | 32.67389 | -117.116293 | 32.6336806 | 32.6742 | -117.11608 |
| 32.4236111 | 32.673907 | -117.115987 | 32.5300463 | 32.67389 | -117.116293 | 32.6338542 | 32.6742 | -117.11608 |
| 32.4238773 | 32.673907 | -117.115987 | 32.5302199 | 32.67389 | -117.116293 | 32.6340278 | 32.6742 | -117.11608 |
| 32.4239699 | 32.673910 | -117.115987 | 32.5304514 | 32.67389 | -117.116293 | 32.6342014 | 32.6742 | -117.11608 |
| 32.4248380 | 32.674000 | -117.116000 | 32.5305556 | 32.67389 | -117.116293 | 32.634375 | 32.6742 | -117.11608 |
| 32.4250116 | 32.674020 | -117.116013 | 32.5307292 | 32.67389 | -117.116293 | 32.6345602 | 32.6742 | -117.11608 |
| 32.4251736 | 32.674030 | -117.116027 | 32.5309144 | 32.67389 | -117.116293 | 32.6347338 | 32.6742 | -117.11608 |
| 32.4253472 | 32.674030 | -117.116053 | 32.531088 | 32.67389 | -117.116293 | 32.6349074 | 32.6742 | -117.11608 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4255208 | 32.674040 | -117.116053 | 32.5312616 | 32.67389 | -117.116293 | 32.635081 | 32.6742 | -117.11608 |
| 32.4257060 | 32.674053 | -117.116053 | 32.5314352 | 32.67389 | -117.116293 | 32.6352546 | 32.6742 | -117.11608 |
| 32.4258796 | 32.674053 | -117.116053 | 32.5315972 | 32.67389 | -117.11628 | 32.6354282 | 32.6742 | -117.11608 |
| 32.4260532 | 32.674053 | -117.116053 | 32.5317708 | 32.67389 | -117.11628 | 32.6356019 | 32.6742 | -117.11608 |
| 32.4262153 | 32.674053 | -117.116053 | 32.5319444 | 32.67389 | -117.11628 | 32.6357755 | 32.6742 | -117.11608 |
| 32.4263889 | 32.674053 | -117.116053 | 32.5321181 | 32.67389 | -117.11628 | 32.6359491 | 32.6742 | -117.11608 |
| 32.4265625 | 32.674053 | -117.116027 | 32.5322917 | 32.67389 | -117.11628 | 32.6361227 | 32.6742 | -117.11608 |
| 32.4267477 | 32.674053 | -117.116027 | 32.5324653 | 32.67389 | -117.11628 | 32.6362963 | 32.6742 | -117.11608 |
| 32.4269213 | 32.674057 | -117.116027 | 32.5326389 | 32.67389 | -117.11628 | 32.6364583 | 32.6742 | -117.11608 |
| 32.4270833 | 32.674057 | -117.116027 | 32.5331597 | 32.67389 | -117.116253 | 32.638206 | 32.6742 | -117.11608 |
| 32.4272569 | 32.674057 | -117.116027 | 32.5333333 | 32.67389 | -117.116253 | 32.6383796 | 32.6742 | -117.11608 |
| 32.4274306 | 32.674057 | -117.116027 | 32.5335069 | 32.67389 | -117.116253 | 32.6385532 | 32.6742 | -117.11608 |
| 32.4276042 | 32.674057 | -117.116027 | 32.5336806 | 32.67389 | -117.116253 | 32.6387269 | 32.6742 | -117.11608 |
| 32.4277894 | 32.674057 | -117.116027 | 32.5338542 | 32.67389 | -117.116253 | 32.6388889 | 32.6742 | -117.11608 |
| 32.4279630 | 32.674057 | -117.116027 | 32.5340394 | 32.67389 | -117.116253 | 32.6390625 | 32.6742 | -117.11608 |
| 32.4281366 | 32.674057 | -117.116027 | 32.534213 | 32.67389 | -117.116253 | 32.6392477 | 32.6742 | -117.11608 |
| 32.4286458 | 32.674060 | -117.116027 | 32.5343866 | 32.67389 | -117.116253 | 32.6394213 | 32.67419 | -117.11608 |
| 32.4288310 | 32.674060 | -117.116027 | 32.5345602 | 32.67389 | -117.116253 | 32.6395949 | 32.67419 | -117.11608 |
| 32.4290046 | 32.674060 | -117.116027 | 32.5347338 | 32.67389 | -117.116253 | 32.6397685 | 32.67419 | -117.11608 |
| 32.4291782 | 32.674060 | -117.116027 | 32.5349074 | 32.67389 | -117.116253 | 32.6399421 | 32.67419 | -117.11608 |
| 32.4293519 | 32.674060 | -117.116027 | 32.535081 | 32.67389 | -117.116253 | 32.6401042 | 32.67419 | -117.11608 |
| 32.4295255 | 32.674063 | -117.116027 | 32.5352546 | 32.67389 | -117.116253 | 32.6402778 | 32.67419 | -117.11608 |
| 32.4296991 | 32.674063 | -117.116027 | 32.5354282 | 32.6739 | -117.116253 | 32.6404514 | 32.6742 | -117.11608 |
| 32.4298727 | 32.674080 | -117.116027 | 32.5356019 | 32.6739 | -117.116253 | 32.640625 | 32.6742 | -117.11608 |
| 32.4300463 | 32.674083 | -117.116027 | 32.5357755 | 32.6739 | -117.116253 | 32.6407986 | 32.6742 | -117.11608 |
| 32.4302199 | 32.674097 | -117.116027 | 32.5359491 | 32.6739 | -117.116253 | 32.6409722 | 32.6742 | -117.11608 |
| 32.4303935 | 32.674097 | -117.116027 | 32.5361227 | 32.6739 | -117.116253 | 32.6411458 | 32.6742 | -117.11608 |
| 32.4305671 | 32.674097 | -117.116027 | 32.5362963 | 32.6739 | -117.116253 | 32.6413194 | 32.6742 | -117.11608 |
| 32.4307407 | 32.674097 | -117.116027 | 32.5364699 | 32.6739 | -117.116253 | 32.6414931 | 32.6742 | -117.11608 |
| 32.4309028 | 32.674100 | -117.116027 | 32.5369907 | 32.6739 | -117.11624 | 32.6439352 | 32.6742 | -117.116067 |
| 32.4310764 | 32.674100 | -117.116027 | 32.5371644 | 32.6739 | -117.11624 | 32.6441088 | 32.6742 | -117.116067 |
| 32.4312500 | 32.674100 | -117.116027 | 32.537338 | 32.6739 | -117.11624 | 32.6442824 | 32.6742 | -117.116067 |
| 32.4314352 | 32.674100 | -117.116027 | 32.5375116 | 32.67391 | -117.11624 | 32.644456 | 32.6742 | -117.116067 |
| 32.4316088 | 32.674100 | -117.116027 | 32.5376852 | 32.67391 | -117.11624 | 32.6446296 | 32.6742 | -117.116067 |
| 32.4317824 | 32.674100 | -117.116027 | 32.5378588 | 32.67391 | -117.116227 | 32.6448032 | 32.6742 | -117.116067 |
| 32.4319560 | 32.674100 | -117.116027 | 32.5380324 | 32.67392 | -117.116227 | 32.6449769 | 32.6742 | -117.116067 |
| 32.4347338 | 32.674103 | -117.116013 | 32.538206 | 32.67392 | -117.116227 | 32.6451505 | 32.6742 | -117.116067 |
| 32.4349074 | 32.674103 | -117.116013 | 32.5383796 | 32.67392 | -117.116213 | 32.6453241 | 32.6742 | -117.116067 |
| 32.4350694 | 32.674110 | -117.116013 | 32.5385532 | 32.67392 | -117.116213 | 32.6454977 | 32.6742 | -117.116067 |
| 32.4352431 | 32.674110 | -117.116000 | 32.5387269 | 32.67392 | -117.116213 | 32.6456713 | 32.6742 | -117.116067 |
| 32.4354167 | 32.674110 | -117.116000 | 32.5389005 | 32.67392 | -117.116213 | 32.6458449 | 32.6742 | -117.116067 |
| 32.4356019 | 32.674110 | -117.116000 | 32.5390741 | 32.67392 | -117.116213 | 32.6460185 | 32.6742 | -117.116067 |
| 32.4358333 | 32.674110 | -117.116000 | 32.5392477 | 32.67392 | -117.116213 | 32.6461921 | 32.6742 | -117.116067 |
| 32.4359375 | 32.674110 | -117.116000 | 32.5394213 | 32.67392 | -117.116213 | 32.6463657 | 32.6742 | -117.116067 |
| 32.4361111 | 32.674110 | -117.116000 | 32.5395833 | 32.67392 | -117.116213 | 32.6465394 | 32.6742 | -117.116067 |
| 32.4362847 | 32.674110 | -117.116000 | 32.5397569 | 32.67392 | -117.116213 | 32.646713 | 32.6742 | -117.116067 |
| 32.4364583 | 32.674110 | -117.116000 | 32.5399306 | 32.67392 | -117.116213 | 32.6468866 | 32.6742 | -117.116067 |
| 32.4366435 | 32.674110 | -117.116000 | 32.5401157 | 32.67393 | -117.116213 | 32.6470602 | 32.6742 | -117.116067 |
| 32.4368171 | 32.674113 | -117.116000 | 32.5402894 | 32.67393 | -117.116213 | 32.6475694 | 32.6742 | -117.116067 |
| 32.4369907 | 32.674120 | -117.116000 | 32.5409838 | 32.67393 | -117.116213 | 32.6477546 | 32.6742 | -117.116067 |
| 32.4371644 | 32.674120 | -117.115987 | 32.5411574 | 32.67393 | -117.116213 | 32.6479282 | 32.6742 | -117.116067 |
| 32.4373380 | 32.674120 | -117.115987 | 32.541331 | 32.67393 | -117.116213 | 32.6481019 | 32.6742 | -117.116067 |
| 32.4375000 | 32.674127 | -117.115987 | 32.5415046 | 32.67393 | -117.116213 | 32.6482755 | 32.6742 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4376736 | 32.674127 | -117.115987 | 32.5416782 | 32.67393 | -117.116213 | 32.6484491 | 32.6742 | -117.116067 |
| 32.4378472 | 32.674127 | -117.115987 | 32.5418519 | 32.67393 | -117.116213 | 32.6486227 | 32.6742 | -117.116067 |
| 32.4383796 | 32.674127 | -117.115973 | 32.5420255 | 32.67393 | -117.116213 | 32.6487963 | 32.6742 | -117.116067 |
| 32.4385532 | 32.674127 | -117.115973 | 32.5421991 | 32.67393 | -117.116213 | 32.6489699 | 32.6742 | -117.116067 |
| 32.4387153 | 32.674127 | -117.115973 | 32.5423727 | 32.67393 | -117.116213 | 32.6491551 | 32.6742 | -117.116067 |
| 32.4388889 | 32.674127 | -117.115973 | 32.5425463 | 32.67393 | -117.116213 | 32.6493056 | 32.6742 | -117.116067 |
| 32.4392130 | 32.674127 | -117.115973 | 32.5427083 | 32.67393 | -117.116213 | 32.6494792 | 32.6742 | -117.116067 |
| 32.4394097 | 32.674127 | -117.115973 | 32.5428819 | 32.67393 | -117.116213 | 32.6496528 | 32.6742 | -117.116067 |
| 32.4396528 | 32.674127 | -117.115973 | 32.5430556 | 32.67393 | -117.116213 | 32.6498264 | 32.6742 | -117.116067 |
| 32.4397569 | 32.674127 | -117.115973 | 32.5432292 | 32.67393 | -117.116213 | 32.65 | 32.6742 | -117.116067 |
| 32.4399306 | 32.674127 | -117.115973 | 32.5434028 | 32.67393 | -117.116213 | 32.6501736 | 32.6742 | -117.116067 |
| 32.4401042 | 32.674120 | -117.115973 | 32.5435764 | 32.67393 | -117.116213 | 32.6503472 | 32.6742 | -117.116067 |
| 32.4402778 | 32.674120 | -117.115973 | 32.54375 | 32.67392 | -117.116213 | 32.6505324 | 32.6742 | -117.116067 |
| 32.4404514 | 32.674120 | -117.115973 | 32.5439236 | 32.67392 | -117.116213 | 32.650706 | 32.6742 | -117.116067 |
| 32.4406250 | 32.674113 | -117.115973 | 32.5440972 | 32.67392 | -117.116213 | 32.6508796 | 32.6742 | -117.116067 |
| 32.4407986 | 32.674113 | -117.115973 | 32.5442708 | 32.67392 | -117.116213 | 32.6513889 | 32.6742 | -117.116067 |
| 32.4409722 | 32.674113 | -117.115973 | 32.5449769 | 32.67392 | -117.116213 | 32.6515625 | 32.6742 | -117.116067 |
| 32.4411574 | 32.674113 | -117.115973 | 32.5451505 | 32.67392 | -117.116213 | 32.6517361 | 32.6742 | -117.116067 |
| 32.4413310 | 32.674113 | -117.115973 | 32.5453241 | 32.67392 | -117.116213 | 32.6519097 | 32.6742 | -117.116067 |
| 32.4415046 | 32.674113 | -117.115973 | 32.5454977 | 32.67392 | -117.116213 | 32.6520949 | 32.6742 | -117.116067 |
| 32.4416782 | 32.674117 | -117.115973 | 32.5456713 | 32.67392 | -117.116213 | 32.6522685 | 32.6742 | -117.116067 |
| 32.4434028 | 32.674113 | -117.115987 | 32.5458449 | 32.67392 | -117.116213 | 32.6524421 | 32.6742 | -117.116067 |
| 32.4435764 | 32.674113 | -117.115987 | 32.5460069 | 32.67392 | -117.116213 | 32.6526157 | 32.6742 | -117.116067 |
| 32.4437500 | 32.674113 | -117.115987 | 32.5461806 | 32.67392 | -117.116213 | 32.6527894 | 32.6742 | -117.116067 |
| 32.4439236 | 32.674110 | -117.115987 | 32.5463542 | 32.67392 | -117.116213 | 32.652963 | 32.6742 | -117.116067 |
| 32.4441319 | 32.674110 | -117.115987 | 32.5465278 | 32.67392 | -117.116213 | 32.6531366 | 32.6742 | -117.116067 |
| 32.4442824 | 32.674110 | -117.115987 | 32.5467014 | 32.67392 | -117.1162 | 32.6533102 | 32.6742 | -117.116067 |
| 32.4444444 | 32.674110 | -117.115987 | 32.5468866 | 32.67392 | -117.1162 | 32.6534722 | 32.6742 | -117.116067 |
| 32.4446181 | 32.674110 | -117.115987 | 32.5470602 | 32.67392 | -117.1162 | 32.6536458 | 32.6742 | -117.116067 |
| 32.4448032 | 32.674110 | -117.115987 | 32.5472338 | 32.67392 | -117.1162 | 32.6538194 | 32.6742 | -117.116067 |
| 32.4449769 | 32.674110 | -117.115987 | 32.5474074 | 32.67392 | -117.1162 | 32.6539931 | 32.6742 | -117.116067 |
| 32.4451505 | 32.674110 | -117.115987 | 32.547581 | 32.67392 | -117.1162 | 32.6541667 | 32.6742 | -117.116067 |
| 32.4453241 | 32.674110 | -117.115987 | 32.5477431 | 32.67392 | -117.1162 | 32.6543403 | 32.6742 | -117.116067 |
| 32.4454977 | 32.674110 | -117.115987 | 32.5479167 | 32.67392 | -117.1162 | 32.6545139 | 32.6742 | -117.116067 |
| 32.4456713 | 32.674110 | -117.115987 | 32.5480903 | 32.67392 | -117.1162 | 32.6546875 | 32.6742 | -117.116067 |
| 32.4458449 | 32.674110 | -117.115987 | 32.5482639 | 32.67392 | -117.1162 | 32.6553935 | 32.6742 | -117.116067 |
| 32.4460185 | 32.674103 | -117.115987 | 32.55 | 32.67392 | -117.1162 | 32.6555671 | 32.6742 | -117.116067 |
| 32.4461921 | 32.674103 | -117.115987 | 32.5501736 | 32.67392 | -117.1162 | 32.6557407 | 32.6742 | -117.116067 |
| 32.4463657 | 32.674103 | -117.115987 | 32.5503472 | 32.67392 | -117.1162 | 32.6559144 | 32.6742 | -117.116067 |
| 32.4465394 | 32.674103 | -117.115987 | 32.5505208 | 32.67392 | -117.1162 | 32.656088 | 32.6742 | -117.116067 |
| 32.4467130 | 32.674103 | -117.115987 | 32.5506944 | 32.67392 | -117.1162 | 32.6562616 | 32.6742 | -117.116067 |
| 32.4472222 | 32.674090 | -117.115987 | 32.5508681 | 32.67392 | -117.1162 | 32.6564352 | 32.6742 | -117.116067 |
| 32.4473958 | 32.674090 | -117.116000 | 32.5510417 | 32.67392 | -117.1162 | 32.6566088 | 32.6742 | -117.116067 |
| 32.4475694 | 32.674090 | -117.116000 | 32.5512153 | 32.67392 | -117.1162 | 32.6567824 | 32.6742 | -117.116067 |
| 32.4477431 | 32.674090 | -117.116000 | 32.5513889 | 32.67392 | -117.1162 | 32.656956 | 32.6742 | -117.116067 |
| 32.4479167 | 32.674090 | -117.115987 | 32.5515625 | 32.67392 | -117.1162 | 32.6571296 | 32.6742 | -117.116067 |
| 32.4480903 | 32.674090 | -117.115987 | 32.5517477 | 32.67392 | -117.1162 | 32.6573032 | 32.6742 | -117.116067 |
| 32.4482755 | 32.674090 | -117.115987 | 32.5519213 | 32.67392 | -117.1162 | 32.6574769 | 32.6742 | -117.116067 |
| 32.4484491 | 32.674090 | -117.115987 | 32.5520949 | 32.67391 | -117.1162 | 32.6576505 | 32.6742 | -117.116067 |
| 32.4486227 | 32.674090 | -117.115987 | 32.5522685 | 32.67391 | -117.1162 | 32.6578241 | 32.6742 | -117.116067 |
| 32.4488773 | 32.674093 | -117.115987 | 32.5524421 | 32.67391 | -117.1162 | 32.6579977 | 32.6742 | -117.116067 |
| 32.4489583 | 32.674093 | -117.115987 | 32.5526157 | 32.67391 | -117.1162 | 32.6581597 | 32.6742 | -117.116067 |
| 32.4491435 | 32.674090 | -117.115987 | 32.5527894 | 32.67391 | -117.1162 | 32.6583333 | 32.6742 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4493171 | 32.674073 | -117.116000 | 32.5529977 | 32.67391 | -117.1162 | 32.6585069 | 32.6742 | -117.116067 |
| 32.4494907 | 32.674073 | -117.116000 | 32.553125 | 32.67391 | -117.1162 | 32.6586806 | 32.6742 | -117.116067 |
| 32.4496528 | 32.674073 | -117.116000 | 32.5536574 | 32.67392 | -117.1162 | 32.6597222 | 32.6742 | -117.116053 |
| 32.4498264 | 32.674077 | -117.115987 | 32.553831 | 32.67392 | -117.1162 | 32.6598958 | 32.6742 | -117.116067 |
| 32.4500116 | 32.674077 | -117.115987 | 32.5540394 | 32.67392 | -117.1162 | 32.6601157 | 32.6742 | -117.116053 |
| 32.4501852 | 32.674077 | -117.115987 | 32.5541667 | 32.67392 | -117.1162 | 32.6602431 | 32.6742 | -117.116067 |
| 32.4503472 | 32.674077 | -117.115987 | 32.5543403 | 32.67392 | -117.1162 | 32.6604282 | 32.6742 | -117.116053 |
| 32.4505208 | 32.674077 | -117.115987 | 32.5545255 | 32.67392 | -117.116173 | 32.6606019 | 32.6742 | -117.116053 |
| 32.4529514 | 32.674073 | -117.115987 | 32.5546991 | 32.67392 | -117.116173 | 32.6607755 | 32.6742 | -117.116053 |
| 32.4531250 | 32.674073 | -117.115987 | 32.5548727 | 32.67392 | -117.116173 | 32.6609491 | 32.6742 | -117.116053 |
| 32.4532986 | 32.674073 | -117.115987 | 32.5550463 | 32.67392 | -117.116173 | 32.6611227 | 32.6742 | -117.116053 |
| 32.4535069 | 32.674073 | -117.115987 | 32.5552199 | 32.67392 | -117.116173 | 32.6612963 | 32.6742 | -117.116053 |
| 32.4536574 | 32.674067 | -117.115987 | 32.5553935 | 32.67392 | -117.116173 | 32.6614699 | 32.6742 | -117.116053 |
| 32.4538194 | 32.674043 | -117.116000 | 32.5555556 | 32.67392 | -117.116173 | 32.6616435 | 32.6742 | -117.116053 |
| 32.4539931 | 32.674020 | -117.116000 | 32.5557292 | 32.67392 | -117.11616 | 32.6618171 | 32.6742 | -117.116053 |
| 32.4541782 | 32.674017 | -117.116000 | 32.5559028 | 32.67392 | -117.11616 | 32.6619907 | 32.6742 | -117.116053 |
| 32.4543519 | 32.674017 | -117.116000 | 32.556088 | 32.67392 | -117.11616 | 32.6621644 | 32.6742 | -117.116053 |
| 32.4545255 | 32.674017 | -117.116000 | 32.5562616 | 32.67392 | -117.11616 | 32.662338 | 32.6742 | -117.116053 |
| 32.4546875 | 32.674017 | -117.116000 | 32.5564352 | 32.67392 | -117.11616 | 32.6625116 | 32.6742 | -117.116053 |
| 32.4548611 | 32.674020 | -117.116000 | 32.5566088 | 32.67392 | -117.11616 | 32.6626852 | 32.6742 | -117.116053 |
| 32.4550347 | 32.674017 | -117.116000 | 32.5567708 | 32.67392 | -117.11616 | 32.6628588 | 32.6742 | -117.116053 |
| 32.4552083 | 32.674020 | -117.116000 | 32.5569444 | 32.67392 | -117.11616 | 32.6630208 | 32.6742 | -117.116053 |
| 32.4553819 | 32.674020 | -117.116000 | 32.5586806 | 32.67392 | -117.116147 | 32.6645833 | 32.6742 | -117.116053 |
| 32.4555671 | 32.674020 | -117.116000 | 32.5588542 | 32.67393 | -117.116147 | 32.6647569 | 32.6742 | -117.116053 |
| 32.4557407 | 32.674020 | -117.116000 | 32.5590278 | 32.67393 | -117.116147 | 32.6649306 | 32.6742 | -117.116053 |
| 32.4559259 | 32.674020 | -117.116000 | 32.5592014 | 32.67393 | -117.116147 | 32.6651389 | 32.6742 | -117.116053 |
| 32.4560764 | 32.674020 | -117.116000 | 32.559375 | 32.67393 | -117.116147 | 32.6652894 | 32.6742 | -117.116053 |
| 32.4576505 | 32.674020 | -117.116013 | 32.5595486 | 32.67393 | -117.116147 | 32.665463 | 32.67421 | -117.116053 |
| 32.4578125 | 32.674020 | -117.116013 | 32.5597222 | 32.67393 | -117.116147 | 32.6656366 | 32.6742 | -117.116053 |
| 32.4579861 | 32.674020 | -117.116013 | 32.5599074 | 32.67393 | -117.116147 | 32.6657986 | 32.6742 | -117.116053 |
| 32.4581713 | 32.674020 | -117.116013 | 32.560081 | 32.67393 | -117.116133 | 32.6659722 | 32.6742 | -117.116053 |
| 32.4583449 | 32.674020 | -117.116013 | 32.5602546 | 32.67393 | -117.116133 | 32.6661458 | 32.6742 | -117.116053 |
| 32.4585185 | 32.674020 | -117.116013 | 32.5604282 | 32.67393 | -117.116133 | 32.6663194 | 32.6742 | -117.116053 |
| 32.4586921 | 32.674023 | -117.116027 | 32.5606019 | 32.67393 | -117.116133 | 32.6664931 | 32.6742 | -117.116053 |
| 32.4588657 | 32.674023 | -117.116027 | 32.5607755 | 32.67393 | -117.116133 | 32.6666667 | 32.6742 | -117.116053 |
| 32.4590394 | 32.674023 | -117.116027 | 32.5609491 | 32.67393 | -117.116133 | 32.6668403 | 32.6742 | -117.116053 |
| 32.4592014 | 32.674023 | -117.116027 | 32.5611227 | 32.67393 | -117.116133 | 32.6670139 | 32.6742 | -117.116053 |
| 32.4593750 | 32.674023 | -117.116053 | 32.5612963 | 32.67393 | -117.116133 | 32.6671875 | 32.6742 | -117.116053 |
| 32.4595602 | 32.674023 | -117.116053 | 32.5614699 | 32.67394 | -117.116133 | 32.6673611 | 32.6742 | -117.116053 |
| 32.4597338 | 32.674023 | -117.116053 | 32.5616435 | 32.67394 | -117.116133 | 32.6675347 | 32.6742 | -117.116053 |
| 32.4599074 | 32.674023 | -117.116053 | 32.5618171 | 32.67394 | -117.116133 | 32.6677199 | 32.6742 | -117.116053 |
| 32.4600926 | 32.674023 | -117.116053 | 32.5619907 | 32.67394 | -117.116133 | 32.6678935 | 32.6742 | -117.116053 |
| 32.4602431 | 32.674027 | -117.116053 | 32.5630324 | 32.67394 | -117.116107 | 32.6701505 | 32.67421 | -117.116067 |
| 32.4604167 | 32.674027 | -117.116053 | 32.563206 | 32.67395 | -117.116107 | 32.6703241 | 32.67421 | -117.116067 |
| 32.4606019 | 32.674027 | -117.116053 | 32.5633796 | 32.67395 | -117.116107 | 32.6704977 | 32.67421 | -117.116067 |
| 32.4607755 | 32.674027 | -117.116053 | 32.5635417 | 32.67395 | -117.116107 | 32.6706713 | 32.67421 | -117.116067 |
| 32.4609491 | 32.674027 | -117.116053 | 32.5637153 | 32.67395 | -117.116107 | 32.6708449 | 32.67421 | -117.116067 |
| 32.4614583 | 32.674027 | -117.116053 | 32.5638889 | 32.67395 | -117.116107 | 32.6710185 | 32.67421 | -117.116067 |
| 32.4616319 | 32.674027 | -117.116053 | 32.5640625 | 32.67395 | -117.116107 | 32.6711921 | 32.67421 | -117.116067 |
| 32.4618056 | 32.674030 | -117.116053 | 32.5642361 | 32.67395 | -117.116107 | 32.6713657 | 32.67421 | -117.116067 |
| 32.4619792 | 32.674030 | -117.116053 | 32.5644097 | 32.67395 | -117.116107 | 32.6715394 | 32.67421 | -117.116067 |
| 32.4621644 | 32.674030 | -117.116053 | 32.5645833 | 32.67396 | -117.116107 | 32.671713 | 32.6742 | -117.116067 |
| 32.4623380 | 32.674030 | -117.116053 | 32.5647569 | 32.67396 | -117.116107 | 32.6718866 | 32.6742 | -117.116067 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4625116 | 32.674030 | -117.116053 | 32.5649306 | 32.67396 | -117.116093 | 32.6720602 | 32.6742 | -117.116067 |
| 32.4626852 | 32.674030 | -117.116053 | 32.5651042 | 32.67396 | -117.116093 | 32.6722338 | 32.6742 | -117.116067 |
| 32.4628588 | 32.674030 | -117.116053 | 32.5652778 | 32.67396 | -117.116093 | 32.6724074 | 32.6742 | -117.116067 |
| 32.4630324 | 32.674030 | -117.116053 | 32.565463 | 32.67396 | -117.116093 | 32.672581 | 32.6742 | -117.116067 |
| 32.4632060 | 32.674030 | -117.116053 | 32.5656366 | 32.67396 | -117.116093 | 32.6727546 | 32.6742 | -117.116067 |
| 32.4633796 | 32.674030 | -117.116053 | 32.5658102 | 32.67396 | -117.116093 | 32.6729282 | 32.6742 | -117.116067 |
| 32.4635417 | 32.674030 | -117.116053 | 32.5659722 | 32.67397 | -117.116093 | 32.6731019 | 32.6742 | -117.116067 |
| 32.4637153 | 32.674030 | -117.116053 | 32.5661458 | 32.67397 | -117.116093 | 32.6732755 | 32.6742 | -117.116067 |
| 32.4638889 | 32.674030 | -117.116053 | 32.5663194 | 32.67397 | -117.11608 | 32.6737963 | 32.6742 | -117.116067 |
| 32.4640741 | 32.674030 | -117.116053 | 32.5668403 | 32.67399 | -117.11608 | 32.6739699 | 32.6742 | -117.116067 |
| 32.4642477 | 32.674030 | -117.116053 | 32.5670139 | 32.67399 | -117.11608 | 32.6741435 | 32.6742 | -117.116067 |
| 32.4644213 | 32.674030 | -117.116053 | 32.5671875 | 32.67399 | -117.11608 | 32.6743171 | 32.6742 | -117.116067 |
| 32.4645949 | 32.674030 | -117.116053 | 32.5673727 | 32.67399 | -117.116067 | 32.6744907 | 32.6742 | -117.116067 |
| 32.4647685 | 32.674030 | -117.116053 | 32.5675347 | 32.67399 | -117.116067 | 32.6746644 | 32.6742 | -117.116067 |
| 32.4652894 | 32.674030 | -117.116067 | 32.5677662 | 32.67399 | -117.116067 | 32.674838 | 32.6742 | -117.116067 |
| 32.4654630 | 32.674030 | -117.116067 | 32.5678935 | 32.67399 | -117.116067 | 32.6750116 | 32.6742 | -117.116067 |
| 32.4656250 | 32.674037 | -117.116067 | 32.5680671 | 32.67399 | -117.116067 | 32.6751852 | 32.6742 | -117.116067 |
| 32.4657986 | 32.674037 | -117.116067 | 32.5682755 | 32.67399 | -117.116067 | 32.6753588 | 32.6742 | -117.116067 |
| 32.4660417 | 32.674037 | -117.116067 | 32.5684028 | 32.67399 | -117.116067 | 32.6755324 | 32.6742 | -117.116067 |
| 32.4661458 | 32.674037 | -117.116067 | 32.5686343 | 32.674 | -117.116067 | 32.675706 | 32.6742 | -117.116067 |
| 32.4663310 | 32.674037 | -117.116067 | 32.5687616 | 32.674 | -117.116067 | 32.6758796 | 32.6742 | -117.116067 |
| 32.4665046 | 32.674037 | -117.116067 | 32.5689236 | 32.674 | -117.116067 | 32.6760532 | 32.6742 | -117.116067 |
| 32.4666782 | 32.674037 | -117.116067 | 32.5690972 | 32.674 | -117.116067 | 32.6762269 | 32.6742 | -117.116067 |
| 32.4668519 | 32.674037 | -117.116067 | 32.5692708 | 32.674 | -117.116067 | 32.6764005 | 32.6742 | -117.116067 |
| 32.4670139 | 32.674040 | -117.116067 | 32.5694444 | 32.67401 | -117.116067 | 32.6765741 | 32.6742 | -117.116067 |
| 32.4671875 | 32.674040 | -117.116067 | 32.5696181 | 32.67401 | -117.116053 | 32.6767477 | 32.6742 | -117.116067 |
| 32.4673611 | 32.674040 | -117.116067 | 32.5697917 | 32.67401 | -117.116053 | 32.6769213 | 32.6742 | -117.116067 |
| 32.4675347 | 32.674040 | -117.116067 | 32.5699769 | 32.67401 | -117.116053 | 32.6770949 | 32.6742 | -117.116067 |
| 32.4677083 | 32.674047 | -117.116080 | 32.5701505 | 32.67401 | -117.116053 | 32.6779514 | 32.6742 | -117.116067 |
| 32.4679282 | 32.674053 | -117.116080 | 32.5713657 | 32.67403 | -117.116027 | 32.678125 | 32.6742 | -117.116067 |
| 32.4680671 | 32.674053 | -117.116080 | 32.5715394 | 32.67403 | -117.116027 | 32.6782986 | 32.6742 | -117.116067 |
| 32.4682407 | 32.674053 | -117.116080 | 32.571713 | 32.67404 | -117.116013 | 32.6784722 | 32.6742 | -117.116067 |
| 32.4684144 | 32.674053 | -117.116080 | 32.5718866 | 32.67405 | -117.116 | 32.6786458 | 32.6742 | -117.116067 |
| 32.4685880 | 32.674053 | -117.116080 | 32.5720602 | 32.67407 | -117.115987 | 32.6788194 | 32.6742 | -117.116067 |
| 32.4708333 | 32.674040 | -117.116107 | 32.5722338 | 32.67407 | -117.115987 | 32.6789931 | 32.6742 | -117.116067 |
| 32.4710069 | 32.674040 | -117.116107 | 32.5724074 | 32.67408 | -117.115973 | 32.6791667 | 32.6742 | -117.116067 |
| 32.4711921 | 32.674040 | -117.116107 | 32.572581 | 32.67408 | -117.115973 | 32.6793403 | 32.6742 | -117.116067 |
| 32.4713657 | 32.674037 | -117.116107 | 32.5727546 | 32.67409 | -117.115973 | 32.6795139 | 32.6742 | -117.116067 |
| 32.4715278 | 32.674037 | -117.116107 | 32.5729282 | 32.67409 | -117.115973 | 32.6796991 | 32.6742 | -117.116067 |
| 32.4717014 | 32.674037 | -117.116107 | 32.5731019 | 32.67409 | -117.115973 | 32.6798727 | 32.6742 | -117.116067 |
| 32.4718750 | 32.674037 | -117.116107 | 32.5732755 | 32.6741 | -117.115973 | 32.6800463 | 32.6742 | -117.116067 |
| 32.4720486 | 32.674037 | -117.116107 | 32.5734375 | 32.6741 | -117.115973 | 32.6802199 | 32.6742 | -117.116067 |
| 32.4722222 | 32.674037 | -117.116133 | 32.5736111 | 32.67411 | -117.115947 | 32.6803935 | 32.6742 | -117.116067 |
| 32.4723958 | 32.674037 | -117.116133 | 32.5737847 | 32.67413 | -117.115933 | 32.6805671 | 32.6742 | -117.116067 |
| 32.4725810 | 32.674037 | -117.116133 | 32.5739699 | 32.67415 | -117.115907 | 32.6807292 | 32.6742 | -117.116067 |
| 32.4727546 | 32.674030 | -117.116147 | 32.5741667 | 32.67418 | -117.115867 | 32.6809028 | 32.6742 | -117.116067 |
| 32.4729282 | 32.674027 | -117.116147 | 32.5743171 | 32.67421 | -117.115853 | 32.6810764 | 32.6742 | -117.116067 |
| 32.4731019 | 32.674027 | -117.116147 | 32.5744792 | 32.67423 | -117.115827 | 32.68125 | 32.6742 | -117.116067 |
| 32.4732870 | 32.674027 | -117.116147 | 32.5746528 | 32.67424 | -117.115827 | 32.6840394 | 32.6742 | -117.116067 |
| 32.4734375 | 32.674027 | -117.116147 | 32.5752431 | 32.67424 | -117.115827 | 32.684213 | 32.6742 | -117.116067 |
| 32.4736111 | 32.674027 | -117.116147 | 32.5754167 | 32.67424 | -117.115827 | 32.6843866 | 32.6742 | -117.116067 |
| 32.4737847 | 32.674027 | -117.116147 | 32.5755208 | 32.67424 | -117.115827 | 32.6845602 | 32.6742 | -117.116067 |
| 32.4739699 | 32.674027 | -117.116147 | 32.575706 | 32.67424 | -117.115827 | 32.6847338 | 32.6742 | -117.116067 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 32.4741435 | 32.674027 | -117.116147 | 32.5758796 | 32.67424 | -117.115827 | 32.6849074 | 32.6742 | -117.116067 |
| 32.4744792 | 32.674027 | -117.116160 | 32.5760532 | 32.67424 | -117.115827 | 32.685081 | 32.6742 | -117.116067 |
| 32.4746528 | 32.674023 | -117.116160 | 32.5763194 | 32.67424 | -117.115827 | 32.6852546 | 32.6742 | -117.116067 |
| 32.4749190 | 32.674023 | -117.116160 | 32.5764236 | 32.67424 | -117.115827 | 32.6854282 | 32.6742 | -117.116067 |
| 32.4750000 | 32.674023 | -117.116160 | 32.5765741 | 32.67424 | -117.115827 | 32.6856019 | 32.6742 | -117.116067 |
| 32.4751736 | 32.674023 | -117.116160 | 32.5767477 | 32.67424 | -117.115827 | 32.6857755 | 32.6742 | -117.116067 |
| 32.4753472 | 32.674023 | -117.116160 | 32.5769213 | 32.67424 | -117.115827 | 32.6859491 | 32.6742 | -117.116067 |
| 32.4755208 | 32.674023 | -117.116160 | 32.5770949 | 32.67424 | -117.115827 | 32.6861227 | 32.6742 | -117.116067 |
| 32.4756944 | 32.674023 | -117.116160 | 32.5772685 | 32.67424 | -117.115827 | 32.6862963 | 32.6742 | -117.116067 |
| 32.4758796 | 32.674023 | -117.116160 | 32.5774421 | 32.67425 | -117.115827 | 32.6864699 | 32.6742 | -117.116067 |
| 32.4760532 | 32.674023 | -117.116160 | 32.5776157 | 32.67425 | -117.115827 | 32.6866435 | 32.6742 | -117.116067 |
| 32.4762269 | 32.674023 | -117.116173 | 32.5777778 | 32.67425 | -117.115827 | 32.6868171 | 32.6742 | -117.116067 |
| 32.4764005 | 32.674023 | -117.116173 | 32.5779514 | 32.67425 | -117.115827 | 32.6869907 | 32.6742 | -117.116067 |
| 32.4765625 | 32.674020 | -117.116173 | 32.578125 | 32.67425 | -117.115827 | 32.6871644 | 32.6742 | -117.116067 |
| 32.4768287 | 32.674020 | -117.116173 | 32.5782986 | 32.67425 | -117.115827 | 32.687338 | 32.6742 | -117.116067 |
| 32.4769097 | 32.674020 | -117.116173 | 32.5784722 | 32.67425 | -117.115827 | 32.6876852 | 32.6742 | -117.116067 |
| 32.4770949 | 32.674020 | -117.116173 | 32.5788542 | 32.67421 | -117.115853 | 32.6878588 | 32.6742 | -117.116067 |
| 32.4772685 | 32.674020 | -117.116200 | 32.5790046 | 32.67421 | -117.115853 | 32.6880324 | 32.6742 | -117.116067 |
| 32.4774421 | 32.674020 | -117.116200 | 32.5791667 | 32.67418 | -117.115867 | 32.688206 | 32.6742 | -117.116067 |
| 32.4776273 | 32.674020 | -117.116200 | 32.5793403 | 32.67416 | -117.11588 | 32.6883796 | 32.6742 | -117.116067 |
| 32.4777778 | 32.674020 | -117.116200 | 32.5795139 | 32.67413 | -117.11592 | 32.6885532 | 32.6742 | -117.116067 |
| 32.4784722 | 32.674017 | -117.116200 | 32.5796875 | 32.67411 | -117.115947 | 32.6887269 | 32.6742 | -117.116067 |
| 32.4786458 | 32.674017 | -117.116200 | 32.5798611 | 32.67409 | -117.115973 | 32.6889005 | 32.6742 | -117.116053 |
| 32.4789120 | 32.674017 | -117.116200 | 32.5800347 | 32.67407 | -117.115987 | 32.6890741 | 32.6742 | -117.116053 |
| 32.4790162 | 32.674017 | -117.116200 | 32.5802083 | 32.67406 | -117.116 | 32.6892477 | 32.6742 | -117.116053 |
| 32.4791782 | 32.674017 | -117.116200 | 32.5803935 | 32.67406 | -117.116 | 32.6894213 | 32.6742 | -117.116053 |
| 32.4793519 | 32.674017 | -117.116200 | 32.5805671 | 32.67406 | -117.116 | 32.6895949 | 32.6742 | -117.116053 |
| 32.4795255 | 32.674017 | -117.116200 | 32.5807986 | 32.67407 | -117.116 | 32.6897685 | 32.6742 | -117.116053 |
| 32.4796991 | 32.674017 | -117.116200 | 32.5809028 | 32.67408 | -117.116 | 32.6899421 | 32.6742 | -117.116053 |
| 32.4798727 | 32.674017 | -117.116200 | 32.581088 | 32.67409 | -117.115987 | 32.6901157 | 32.6742 | -117.116053 |
| 32.4800463 | 32.674017 | -117.116200 | 32.5812616 | 32.67409 | -117.115987 | 32.6902894 | 32.6742 | -117.116053 |
| 32.4804051 | 32.673973 | -117.116387 | 32.5814352 | 32.6741 | -117.115987 | 32.690463 | 32.6742 | -117.116053 |
| 32.4805556 | 32.673963 | -117.116347 | 32.5816088 | 32.6741 | -117.115987 | 32.6906366 | 32.6742 | -117.116053 |
| 32.4807292 | 32.673990 | -117.116373 | 32.5817824 | 32.6741 | -117.115987 | 32.6908102 | 32.6742 | -117.116053 |
| 32.4809144 | 32.674000 | -117.116347 | 32.581956 | 32.6741 | -117.115987 | 32.691331 | 32.6742 | -117.116053 |
| 32.4811227 | 32.674003 | -117.116347 | 32.5821296 | 32.6741 | -117.115987 | 32.6915046 | 32.6742 | -117.116053 |
| 32.4812500 | 32.674003 | -117.116347 | 32.5828125 | 32.6741 | -117.115973 | 32.6916782 | 32.6742 | -117.116053 |
| 32.4814352 | 32.674000 | -117.116347 | 32.5829977 | 32.6741 | -117.115973 | 32.6918519 | 32.6742 | -117.116053 |
| 32.4816088 | 32.673993 | -117.116347 | 32.5831713 | 32.6741 | -117.115973 | 32.6920255 | 32.6742 | -117.116053 |
| 32.4818519 | 32.673990 | -117.116347 | 32.5833449 | 32.67411 | -117.115973 | 32.6921991 | 32.6742 | -117.116053 |
| 32.4819560 | 32.673993 | -117.116347 | 32.5835185 | 32.67411 | -117.115973 | 32.6923727 | 32.6742 | -117.116053 |
| 32.4824653 | 32.673993 | -117.116347 | 32.5836921 | 32.67411 | -117.115973 | 32.6925463 | 32.6742 | -117.116053 |
| 32.4826389 | 32.673993 | -117.116347 | 32.5838657 | 32.67412 | -117.115973 | 32.6927199 | 32.6742 | -117.116053 |
| 32.4828125 | 32.673993 | -117.116347 | 32.5840394 | 32.67412 | -117.115973 | 32.6928935 | 32.6742 | -117.116053 |
| 32.4829861 | 32.673993 | -117.116347 | 32.584213 | 32.67412 | -117.115973 | 32.6930671 | 32.6742 | -117.116053 |
| 32.4832060 | 32.673993 | -117.116347 | 32.5843866 | 32.67412 | -117.115973 | 32.6932407 | 32.6742 | -117.116053 |
| 32.4833333 | 32.673993 | -117.116347 | 32.5845602 | 32.67412 | -117.115973 | 32.6934144 | 32.6742 | -117.116053 |
| 32.4835185 | 32.673993 | -117.116347 | 32.5847685 | 32.67412 | -117.115973 | 32.693588 | 32.6742 | -117.116053 |
| 32.4836921 | 32.673993 | -117.116347 | 32.5848958 | 32.67412 | -117.115973 | 32.6937616 | 32.6742 | -117.116053 |
| 32.4838657 | 32.673993 | -117.116347 | 32.5850694 | 32.67413 | -117.115973 | 32.6939352 | 32.6742 | -117.116053 |
| 32.4840278 | 32.673993 | -117.116347 | 32.5852431 | 32.67413 | -117.115973 | 32.6941088 | 32.6742 | -117.116053 |
| 32.4842014 | 32.673993 | -117.116347 | 32.585463 | 32.67413 | -117.115973 | 32.6942824 | 32.6742 | -117.116053 |
| 32.4843750 | 32.673993 | -117.116347 | 32.5856019 | 32.67414 | -117.115947 | 32.694456 | 32.6742 | -117.116053 |

32.4845486  32.673993  -117.116347

DrEx 115

| Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude | Julian Date | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|
| 32.3501620 | 32.674101 | -117.115989 | 32.4631944 | 32.672163 | -117.118280 | 32.5828241 | 32.6728 | -117.117747 |
| 32.3503357 | 32.674092 | -117.115995 | 32.4647569 | 32.672160 | -117.118280 | 32.5829977 | 32.6728 | -117.117747 |
| 32.3505093 | 32.674084 | -117.116001 | 32.4649306 | 32.672160 | -117.118280 | 32.5831713 | 32.6728 | -117.117747 |
| 32.3506829 | 32.674075 | -117.116008 | 32.4651620 | 32.672153 | -117.118280 | 32.5833449 | 32.6728 | -117.117747 |
| 32.3508565 | 32.674067 | -117.116014 | 32.4652894 | 32.672153 | -117.118280 | 32.5835069 | 32.6728 | -117.117747 |
| 32.3510301 | 32.674058 | -117.116021 | 32.4654630 | 32.672153 | -117.118293 | 32.5836806 | 32.6728 | -117.117747 |
| 32.3512037 | 32.674050 | -117.116027 | 32.4656366 | 32.672153 | -117.118293 | 32.5838542 | 32.6728 | -117.117747 |
| 32.3513773 | 32.674041 | -117.116033 | 32.4658102 | 32.672153 | -117.118293 | 32.5840278 | 32.67281 | -117.11772 |
| 32.3515509 | 32.674033 | -117.116040 | 32.4659722 | 32.672153 | -117.118293 | 32.5842014 | 32.67281 | -117.11772 |
| 32.3517245 | 32.674024 | -117.116046 | 32.4661458 | 32.672153 | -117.118293 | 32.5843866 | 32.67281 | -117.11772 |
| 32.3518982 | 32.674016 | -117.116053 | 32.4663310 | 32.672147 | -117.118293 | 32.5845602 | 32.67281 | -117.11772 |
| 32.3520718 | 32.674007 | -117.116059 | 32.4665046 | 32.672147 | -117.118307 | 32.5847338 | 32.67281 | -117.11772 |
| 32.3522454 | 32.673999 | -117.116066 | 32.4666782 | 32.672147 | -117.118333 | 32.5849074 | 32.67281 | -117.11772 |
| 32.3524190 | 32.673990 | -117.116072 | 32.4668519 | 32.672143 | -117.118333 | 32.5850694 | 32.67282 | -117.11772 |
| 32.3525926 | 32.673982 | -117.116078 | 32.4670255 | 32.672140 | -117.118333 | 32.5852431 | 32.67282 | -117.11772 |
| 32.3527662 | 32.673973 | -117.116085 | 32.4671991 | 32.672147 | -117.118333 | 32.5854167 | 32.67282 | -117.117707 |
| 32.3529398 | 32.673965 | -117.116091 | 32.4673727 | 32.672153 | -117.118333 | 32.5855903 | 32.67282 | -117.117707 |
| 32.3531134 | 32.673956 | -117.116098 | 32.4675463 | 32.672137 | -117.118347 | 32.5857639 | 32.67282 | -117.117707 |
| 32.3532870 | 32.673948 | -117.116104 | 32.4677199 | 32.672130 | -117.118347 | 32.5859375 | 32.67282 | -117.117707 |
| 32.3534607 | 32.673939 | -117.116110 | 32.4678935 | 32.672130 | -117.118347 | 32.5866435 | 32.67284 | -117.11768 |
| 32.3536343 | 32.673931 | -117.116117 | 32.4680556 | 32.672130 | -117.118347 | 32.5868171 | 32.67284 | -117.11768 |
| 32.3538079 | 32.673922 | -117.116123 | 32.4685880 | 32.672130 | -117.118373 | 32.5870255 | 32.67285 | -117.117653 |
| 32.3539815 | 32.673913 | -117.116130 | 32.4687616 | 32.672130 | -117.118373 | 32.5871528 | 32.67285 | -117.117653 |
| 32.3541551 | 32.673905 | -117.116136 | 32.4689352 | 32.672123 | -117.118387 | 32.587338 | 32.67285 | -117.117653 |
| 32.3543287 | 32.673896 | -117.116142 | 32.4691088 | 32.672120 | -117.118387 | 32.5875116 | 32.67286 | -117.117653 |
| 32.3545023 | 32.673888 | -117.116149 | 32.4692824 | 32.672123 | -117.118387 | 32.5876852 | 32.67286 | -117.11764 |
| 32.3546759 | 32.673879 | -117.116155 | 32.4694560 | 32.672120 | -117.118413 | 32.5879514 | 32.67287 | -117.11764 |
| 32.3548495 | 32.673871 | -117.116162 | 32.4696528 | 32.672123 | -117.118427 | 32.5880208 | 32.67287 | -117.11764 |
| 32.3550232 | 32.673862 | -117.116168 | 32.4698032 | 32.672117 | -117.118427 | 32.5881944 | 32.67287 | -117.11764 |
| 32.3551968 | 32.673854 | -117.116174 | 32.4699653 | 32.672120 | -117.118427 | 32.5883681 | 32.67287 | -117.11764 |
| 32.3553704 | 32.673845 | -117.116181 | 32.4701389 | 32.672117 | -117.118440 | 32.5885417 | 32.67287 | -117.11764 |
| 32.3555440 | 32.673837 | -117.116187 | 32.4703357 | 32.672117 | -117.118453 | 32.5887269 | 32.67287 | -117.11764 |
| 32.3557176 | 32.673828 | -117.116194 | 32.4704977 | 32.672117 | -117.118453 | 32.5889005 | 32.67288 | -117.117613 |
| 32.3558912 | 32.673820 | -117.116200 | 32.4706713 | 32.672117 | -117.118453 | 32.5890741 | 32.67288 | -117.117613 |
| 32.3560648 | 32.673811 | -117.116207 | 32.4708449 | 32.672117 | -117.118453 | 32.5892477 | 32.67288 | -117.117613 |
| 32.3562384 | 32.673803 | -117.116213 | 32.4710185 | 32.672117 | -117.118453 | 32.5894213 | 32.67288 | -117.117613 |
| 32.3564120 | 32.673794 | -117.116219 | 32.4711921 | 32.672117 | -117.118453 | 32.5896065 | 32.67288 | -117.117613 |
| 32.3565857 | 32.673786 | -117.116226 | 32.4713657 | 32.672117 | -117.118453 | 32.5897569 | 32.67289 | -117.117613 |
| 32.3567593 | 32.673777 | -117.116232 | 32.4715394 | 32.672120 | -117.118453 | 32.5899306 | 32.6729 | -117.117613 |
| 32.3569329 | 32.673769 | -117.116239 | 32.4717014 | 32.672117 | -117.118453 | 32.5909722 | 32.67295 | -117.1176 |
| 32.3571065 | 32.673760 | -117.116245 | 32.4718750 | 32.672117 | -117.118453 | 32.5911458 | 32.67295 | -117.1176 |
| 32.3572801 | 32.673752 | -117.116251 | 32.4741435 | 32.672117 | -117.118467 | 32.5913194 | 32.67296 | -117.1176 |
| 32.3574537 | 32.673743 | -117.116258 | 32.4743171 | 32.672107 | -117.118467 | 32.5914931 | 32.67297 | -117.117573 |
| 32.3576273 | 32.673735 | -117.116264 | 32.4744907 | 32.672107 | -117.118467 | 32.5916782 | 32.67298 | -117.11756 |
| 32.3578009 | 32.673726 | -117.116271 | 32.4746644 | 32.672107 | -117.118467 | 32.5918519 | 32.673 | -117.117547 |
| 32.3579745 | 32.673718 | -117.116277 | 32.4748380 | 32.672107 | -117.118467 | 32.5920255 | 32.673 | -117.117547 |
| 32.3581482 | 32.673709 | -117.116283 | 32.4750116 | 32.672103 | -117.118467 | 32.5921875 | 32.673 | -117.117547 |
| 32.3583218 | 32.673700 | -117.116290 | 32.4751852 | 32.672103 | -117.118467 | 32.5924074 | 32.673 | -117.117547 |
| 32.3584954 | 32.673692 | -117.116296 | 32.4753588 | 32.672103 | -117.118467 | 32.5925463 | 32.673 | -117.117547 |
| 32.3586690 | 32.673683 | -117.116303 | 32.4755324 | 32.672103 | -117.118467 | 32.5927199 | 32.673 | -117.117547 |
| 32.3588426 | 32.673675 | -117.116309 | 32.4757060 | 32.672103 | -117.118467 | 32.5928935 | 32.673 | -117.117547 |
| 32.3590162 | 32.673666 | -117.116315 | 32.4758796 | 32.672100 | -117.118467 | 32.5930671 | 32.67302 | -117.117533 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3591898 | 32.673658 | -117.116322 | 32.4760532 | 32.672100 | -117.118467 | 32.5932292 | 32.67302 | -117.117533 |
| 32.3593634 | 32.673649 | -117.116328 | 32.4762269 | 32.672100 | -117.118467 | 32.5934028 | 32.67302 | -117.117533 |
| 32.3595370 | 32.673641 | -117.116335 | 32.4763889 | 32.672100 | -117.118467 | 32.593588 | 32.67302 | -117.117533 |
| 32.3597107 | 32.673632 | -117.116341 | 32.4765625 | 32.672100 | -117.118467 | 32.5937616 | 32.67302 | -117.117533 |
| 32.3598843 | 32.673624 | -117.116348 | 32.4767361 | 32.672100 | -117.118493 | 32.5939352 | 32.67302 | -117.117533 |
| 32.3600579 | 32.673615 | -117.116354 | 32.4769097 | 32.672093 | -117.118493 | 32.5940972 | 32.67302 | -117.117533 |
| 32.3602315 | 32.673607 | -117.116360 | 32.4770949 | 32.672093 | -117.118493 | 32.5946296 | 32.67302 | -117.117507 |
| 32.3604051 | 32.673598 | -117.116367 | 32.4772685 | 32.672093 | -117.118493 | 32.5948032 | 32.67302 | -117.117507 |
| 32.3605787 | 32.673590 | -117.116373 | 32.4774421 | 32.672093 | -117.118493 | 32.5949769 | 32.67302 | -117.117507 |
| 32.3607523 | 32.673581 | -117.116380 | 32.4781250 | 32.672087 | -117.118520 | 32.5951505 | 32.67304 | -117.117507 |
| 32.3609259 | 32.673573 | -117.116386 | 32.4782986 | 32.672087 | -117.118520 | 32.5953125 | 32.67304 | -117.117507 |
| 32.3610995 | 32.673564 | -117.116392 | 32.4784722 | 32.672083 | -117.118520 | 32.5955787 | 32.67304 | -117.117507 |
| 32.3612732 | 32.673556 | -117.116399 | 32.4786458 | 32.672083 | -117.118520 | 32.5956713 | 32.67304 | -117.117507 |
| 32.3614468 | 32.673547 | -117.116405 | 32.4788194 | 32.672083 | -117.118533 | 32.5958449 | 32.67304 | -117.117493 |
| 32.3616204 | 32.673539 | -117.116412 | 32.4789931 | 32.672080 | -117.118533 | 32.5960069 | 32.67304 | -117.117493 |
| 32.3617940 | 32.673530 | -117.116418 | 32.4792014 | 32.672080 | -117.118560 | 32.5961806 | 32.67304 | -117.117493 |
| 32.3619676 | 32.673522 | -117.116424 | 32.4793519 | 32.672080 | -117.118560 | 32.5963542 | 32.67304 | -117.117493 |
| 32.3621412 | 32.673513 | -117.116431 | 32.4795255 | 32.672080 | -117.118560 | 32.5965278 | 32.67304 | -117.117493 |
| 32.3623148 | 32.673504 | -117.116437 | 32.4796991 | 32.672080 | -117.118560 | 32.5967014 | 32.67305 | -117.117493 |
| 32.3624884 | 32.673496 | -117.116444 | 32.4798727 | 32.672080 | -117.118560 | 32.596875 | 32.67305 | -117.117493 |
| 32.3626620 | 32.673487 | -117.116450 | 32.4800926 | 32.672080 | -117.118560 | 32.5970486 | 32.67305 | -117.117493 |
| 32.3628357 | 32.673479 | -117.116456 | 32.4802199 | 32.672080 | -117.118560 | 32.5972222 | 32.67305 | -117.11748 |
| 32.3630093 | 32.673470 | -117.116463 | 32.4803935 | 32.672080 | -117.118560 | 32.5974306 | 32.67305 | -117.11748 |
| 32.3631829 | 32.673462 | -117.116469 | 32.4805671 | 32.672080 | -117.118560 | 32.597581 | 32.67305 | -117.11748 |
| 32.3633565 | 32.673453 | -117.116476 | 32.4807407 | 32.672080 | -117.118560 | 32.5977546 | 32.67306 | -117.11748 |
| 32.3635301 | 32.673445 | -117.116482 | 32.4809028 | 32.672073 | -117.118573 | 32.5979282 | 32.67306 | -117.11748 |
| 32.3637037 | 32.673436 | -117.116489 | 32.4810764 | 32.672070 | -117.118587 | 32.5986574 | 32.67312 | -117.117413 |
| 32.3638773 | 32.673428 | -117.116495 | 32.4813194 | 32.672070 | -117.118587 | 32.5987847 | 32.67312 | -117.117413 |
| 32.3640509 | 32.673419 | -117.116501 | 32.4814236 | 32.672070 | -117.118587 | 32.5989583 | 32.67312 | -117.117413 |
| 32.3642245 | 32.673411 | -117.116508 | 32.4836806 | 32.672063 | -117.118600 | 32.5991319 | 32.67312 | -117.117413 |
| 32.3643982 | 32.673402 | -117.116514 | 32.4838542 | 32.672063 | -117.118600 | 32.5993056 | 32.67312 | -117.1174 |
| 32.3645718 | 32.673394 | -117.116521 | 32.4840394 | 32.672063 | -117.118600 | 32.5994792 | 32.67313 | -117.1174 |
| 32.3647454 | 32.673385 | -117.116527 | 32.4842130 | 32.672063 | -117.118613 | 32.5996528 | 32.67313 | -117.1174 |
| 32.3649190 | 32.673377 | -117.116533 | 32.4843866 | 32.672057 | -117.118613 | 32.5998264 | 32.67313 | -117.1174 |
| 32.3651157 | 32.673333 | -117.116467 | 32.4845602 | 32.672057 | -117.118613 | 32.6000116 | 32.67313 | -117.1174 |
| 32.3652894 | 32.673333 | -117.116493 | 32.4848264 | 32.672057 | -117.118613 | 32.6001852 | 32.67313 | -117.1174 |
| 32.3654514 | 32.673333 | -117.116493 | 32.4849074 | 32.672057 | -117.118613 | 32.6003588 | 32.67314 | -117.117387 |
| 32.3656250 | 32.673333 | -117.116520 | 32.4850810 | 32.672057 | -117.118613 | 32.6005324 | 32.67316 | -117.117387 |
| 32.3657986 | 32.673320 | -117.116533 | 32.4852546 | 32.672057 | -117.118613 | 32.600706 | 32.67316 | -117.117387 |
| 32.3659722 | 32.673317 | -117.116533 | 32.4854282 | 32.672057 | -117.118613 | 32.6008796 | 32.67316 | -117.117387 |
| 32.3661458 | 32.673303 | -117.116533 | 32.4856482 | 32.672057 | -117.118613 | 32.6010532 | 32.67316 | -117.117387 |
| 32.3663310 | 32.673297 | -117.116533 | 32.4857755 | 32.672057 | -117.118613 | 32.6012269 | 32.67317 | -117.117387 |
| 32.3665046 | 32.673297 | -117.116547 | 32.4859491 | 32.672057 | -117.118613 | 32.6014005 | 32.67317 | -117.117387 |
| 32.3666667 | 32.673287 | -117.116547 | 32.4861111 | 32.672057 | -117.118613 | 32.6015741 | 32.67317 | -117.117387 |
| 32.3668403 | 32.673283 | -117.116547 | 32.4862847 | 32.672053 | -117.118613 | 32.6017361 | 32.67317 | -117.117387 |
| 32.3670255 | 32.673273 | -117.116547 | 32.4864699 | 32.672053 | -117.118613 | 32.6019097 | 32.67317 | -117.117387 |
| 32.3671991 | 32.673270 | -117.116573 | 32.4866435 | 32.672053 | -117.118613 | 32.6031829 | 32.67318 | -117.117387 |
| 32.3673611 | 32.673267 | -117.116587 | 32.4868171 | 32.672053 | -117.118613 | 32.6033102 | 32.67318 | -117.11736 |
| 32.3675347 | 32.673260 | -117.116587 | 32.4873264 | 32.672043 | -117.118653 | 32.6034722 | 32.67318 | -117.11736 |
| 32.3677083 | 32.673243 | -117.116600 | 32.4875000 | 32.672043 | -117.118653 | 32.6036458 | 32.67318 | -117.11736 |
| 32.3678935 | 32.673233 | -117.116600 | 32.4876852 | 32.672043 | -117.118653 | 32.6038426 | 32.67319 | -117.11736 |
| 32.3680671 | 32.673217 | -117.116600 | 32.4878588 | 32.672043 | -117.118667 | 32.6039931 | 32.67319 | -117.117387 |
| 32.3682407 | 32.673207 | -117.116613 | 32.4880324 | 32.672043 | -117.118667 | 32.6041667 | 32.67319 | -117.117387 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3705324 | 32.673080 | -117.116693 | 32.4882639 | 32.672043 | -117.118667 | 32.6043403 | 32.67319 | -117.117347 |
| 32.3707060 | 32.673077 | -117.116720 | 32.4883681 | 32.672043 | -117.118667 | 32.6045139 | 32.67321 | -117.11728 |
| 32.3708333 | 32.673067 | -117.116720 | 32.4885880 | 32.672043 | -117.118667 | 32.6046875 | 32.6732 | -117.117253 |
| 32.3710532 | 32.673057 | -117.116733 | 32.4887153 | 32.672043 | -117.118667 | 32.6048611 | 32.67319 | -117.117227 |
| 32.3712384 | 32.673047 | -117.116747 | 32.4889005 | 32.672043 | -117.118680 | 32.6050347 | 32.67318 | -117.117227 |
| 32.3713657 | 32.673043 | -117.116747 | 32.4890741 | 32.672043 | -117.118680 | 32.6052083 | 32.67317 | -117.117173 |
| 32.3715394 | 32.673033 | -117.116760 | 32.4892477 | 32.672043 | -117.118680 | 32.6053819 | 32.67319 | -117.117093 |
| 32.3717130 | 32.673030 | -117.116787 | 32.4894213 | 32.672043 | -117.118680 | 32.6055556 | 32.6732 | -117.11708 |
| 32.3718750 | 32.673020 | -117.116787 | 32.4895949 | 32.672043 | -117.118680 | 32.6057292 | 32.67321 | -117.117053 |
| 32.3720486 | 32.673010 | -117.116787 | 32.4897569 | 32.672043 | -117.118680 | 32.6059028 | 32.67321 | -117.11704 |
| 32.3722338 | 32.672997 | -117.116800 | 32.4899306 | 32.672037 | -117.118680 | 32.606088 | 32.67321 | -117.117013 |
| 32.3724074 | 32.672993 | -117.116800 | 32.4901042 | 32.672037 | -117.118680 | 32.6062616 | 32.67322 | -117.116987 |
| 32.3725810 | 32.672983 | -117.116800 | 32.4902894 | 32.672037 | -117.118680 | 32.6064352 | 32.67321 | -117.116987 |
| 32.3727431 | 32.672977 | -117.116800 | 32.4904630 | 32.672037 | -117.118680 | 32.606956 | 32.67322 | -117.116933 |
| 32.3729167 | 32.672970 | -117.116813 | 32.4913194 | 32.672030 | -117.118707 | 32.6071296 | 32.67323 | -117.116933 |
| 32.3730903 | 32.672960 | -117.116827 | 32.4914931 | 32.672027 | -117.118720 | 32.6073032 | 32.67323 | -117.116893 |
| 32.3732986 | 32.672953 | -117.116840 | 32.4916667 | 32.672027 | -117.118720 | 32.6074769 | 32.67324 | -117.11688 |
| 32.3734491 | 32.672953 | -117.116840 | 32.4918519 | 32.672020 | -117.118733 | 32.6076389 | 32.67324 | -117.116867 |
| 32.3736227 | 32.672950 | -117.116840 | 32.4920255 | 32.672020 | -117.118733 | 32.6078125 | 32.67325 | -117.11684 |
| 32.3741435 | 32.672930 | -117.116867 | 32.4921991 | 32.672020 | -117.118733 | 32.6079977 | 32.67325 | -117.116827 |
| 32.3743171 | 32.672923 | -117.116867 | 32.4923727 | 32.672017 | -117.118747 | 32.6081713 | 32.67326 | -117.116827 |
| 32.3744907 | 32.672917 | -117.116867 | 32.4925463 | 32.672013 | -117.118747 | 32.6084028 | 32.67327 | -117.1168 |
| 32.3746644 | 32.672913 | -117.116880 | 32.4927199 | 32.672013 | -117.118747 | 32.6085069 | 32.67327 | -117.1168 |
| 32.3748264 | 32.672910 | -117.116880 | 32.4928935 | 32.672010 | -117.118747 | 32.6086806 | 32.67328 | -117.116787 |
| 32.3750000 | 32.672910 | -117.116880 | 32.4930787 | 32.67201 | -117.11876 | 32.6088542 | 32.6733 | -117.116787 |
| 32.3751736 | 32.672903 | -117.116893 | 32.4932292 | 32.67201 | -117.11876 | 32.6090278 | 32.67331 | -117.11676 |
| 32.3753472 | 32.672897 | -117.116933 | 32.4934028 | 32.67201 | -117.11876 | 32.6092014 | 32.67331 | -117.116747 |
| 32.3755208 | 32.672887 | -117.116933 | 32.4936111 | 32.67201 | -117.11876 | 32.6093866 | 32.67333 | -117.116733 |
| 32.3756944 | 32.672877 | -117.116933 | 32.4937616 | 32.67201 | -117.11876 | 32.6095602 | 32.67334 | -117.11672 |
| 32.3758796 | 32.672867 | -117.116947 | 32.4939815 | 32.67201 | -117.11876 | 32.6097338 | 32.67335 | -117.11672 |
| 32.3760532 | 32.672860 | -117.116947 | 32.4941088 | 32.672 | -117.11876 | 32.6098958 | 32.67337 | -117.116693 |
| 32.3762269 | 32.672857 | -117.116960 | 32.4942824 | 32.672 | -117.11876 | 32.6100694 | 32.67336 | -117.11668 |
| 32.3764005 | 32.672850 | -117.116960 | 32.4944676 | 32.672 | -117.11876 | 32.6102431 | 32.67337 | -117.116667 |
| 32.3765741 | 32.672843 | -117.116987 | 32.4946181 | 32.672 | -117.11876 | 32.6109375 | 32.6734 | -117.116613 |
| 32.3767477 | 32.672840 | -117.116987 | 32.4951505 | 32.67199 | -117.118787 | 32.6111227 | 32.67343 | -117.116587 |
| 32.3769213 | 32.672837 | -117.116987 | 32.4953125 | 32.67199 | -117.118787 | 32.6112963 | 32.67344 | -117.116587 |
| 32.3770949 | 32.672823 | -117.116987 | 32.4954861 | 32.672 | -117.118787 | 32.6114699 | 32.67346 | -117.116547 |
| 32.3772685 | 32.672813 | -117.116987 | 32.4956597 | 32.672 | -117.1188 | 32.6116435 | 32.67347 | -117.116547 |
| 32.3774421 | 32.672813 | -117.116987 | 32.4958449 | 32.67199 | -117.1188 | 32.6118171 | 32.67346 | -117.116533 |
| 32.3793519 | 32.672783 | -117.117013 | 32.4960185 | 32.67199 | -117.1188 | 32.6119907 | 32.67346 | -117.116533 |
| 32.3795255 | 32.672777 | -117.117027 | 32.4961921 | 32.67199 | -117.1188 | 32.6121644 | 32.67348 | -117.116533 |
| 32.3796991 | 32.672777 | -117.117027 | 32.4963657 | 32.67199 | -117.1188 | 32.612338 | 32.67349 | -117.11652 |
| 32.3798611 | 32.672770 | -117.117040 | 32.4966088 | 32.67199 | -117.1188 | 32.6125116 | 32.6735 | -117.116507 |
| 32.3800347 | 32.672767 | -117.117053 | 32.4968056 | 32.67199 | -117.118813 | 32.6126852 | 32.67351 | -117.116493 |
| 32.3802199 | 32.672757 | -117.117053 | 32.4969097 | 32.67199 | -117.118813 | 32.6128588 | 32.67352 | -117.116493 |
| 32.3804398 | 32.672753 | -117.117053 | 32.4970486 | 32.67199 | -117.118813 | 32.6130324 | 32.67354 | -117.116467 |
| 32.3805671 | 32.672750 | -117.117080 | 32.4972222 | 32.67199 | -117.118813 | 32.6132523 | 32.67355 | -117.116453 |
| 32.3807407 | 32.672743 | -117.117080 | 32.4974074 | 32.67199 | -117.118813 | 32.6134375 | 32.67356 | -117.116453 |
| 32.3809144 | 32.672737 | -117.117080 | 32.497581 | 32.67199 | -117.118813 | 32.6135417 | 32.67356 | -117.11644 |
| 32.3810880 | 32.672730 | -117.117080 | 32.4977546 | 32.67198 | -117.118813 | 32.6137153 | 32.67358 | -117.116427 |
| 32.3812616 | 32.672727 | -117.117093 | 32.4979398 | 32.67198 | -117.118813 | 32.6138889 | 32.6736 | -117.1164 |
| 32.3814352 | 32.672720 | -117.117093 | 32.4980903 | 32.67198 | -117.118813 | 32.6140625 | 32.67362 | -117.1164 |
| 32.3816088 | 32.672720 | -117.117107 | 32.4982639 | 32.67198 | -117.118813 | 32.6142361 | 32.67365 | -117.1164 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3817708 | 32.672720 | -117.117107 | 32.4984838 | 32.67198 | -117.118813 | 32.6145833 | 32.67367 | -117.1164 |
| 32.3819444 | 32.672720 | -117.117107 | 32.4989931 | 32.67198 | -117.118827 | 32.6147569 | 32.67367 | -117.1164 |
| 32.3821181 | 32.672717 | -117.117120 | 32.4991435 | 32.67198 | -117.118827 | 32.6149421 | 32.67367 | -117.116387 |
| 32.3822917 | 32.672717 | -117.117120 | 32.4993171 | 32.67198 | -117.118827 | 32.6151157 | 32.67367 | -117.116387 |
| 32.3824653 | 32.672707 | -117.117133 | 32.4994792 | 32.67198 | -117.118853 | 32.6152894 | 32.67368 | -117.116387 |
| 32.3826389 | 32.672707 | -117.117133 | 32.4996528 | 32.67198 | -117.118853 | 32.615463 | 32.67368 | -117.116387 |
| 32.3831597 | 32.672683 | -117.117133 | 32.4998264 | 32.67198 | -117.118853 | 32.615625 | 32.67368 | -117.116387 |
| 32.3833333 | 32.672680 | -117.117160 | 32.5000116 | 32.67198 | -117.118853 | 32.6158102 | 32.67368 | -117.116387 |
| 32.3835069 | 32.672680 | -117.117160 | 32.5002662 | 32.67198 | -117.118853 | 32.6159838 | 32.67369 | -117.116387 |
| 32.3836806 | 32.672677 | -117.117160 | 32.5003472 | 32.67198 | -117.118853 | 32.6161458 | 32.6737 | -117.1164 |
| 32.3838657 | 32.672677 | -117.117160 | 32.5005208 | 32.67197 | -117.118853 | 32.6163194 | 32.67371 | -117.116387 |
| 32.3840394 | 32.672673 | -117.117160 | 32.5006944 | 32.67197 | -117.118853 | 32.6164931 | 32.67373 | -117.116387 |
| 32.3842130 | 32.672673 | -117.117173 | 32.5008681 | 32.67197 | -117.118853 | 32.6166782 | 32.67374 | -117.116387 |
| 32.3843866 | 32.672673 | -117.117173 | 32.5010417 | 32.67197 | -117.118853 | 32.6168982 | 32.67375 | -117.1164 |
| 32.3845602 | 32.672677 | -117.117160 | 32.5012153 | 32.67197 | -117.118867 | 32.6170255 | 32.67376 | -117.1164 |
| 32.3847338 | 32.672670 | -117.117187 | 32.5014236 | 32.67196 | -117.118867 | 32.6171875 | 32.67378 | -117.1164 |
| 32.3849074 | 32.672663 | -117.117200 | 32.5015741 | 32.67196 | -117.118867 | 32.6173611 | 32.6738 | -117.116427 |
| 32.3850810 | 32.672653 | -117.117227 | 32.5017361 | 32.67196 | -117.118867 | 32.6175463 | 32.6738 | -117.11644 |
| 32.3852431 | 32.672647 | -117.117227 | 32.5019097 | 32.67196 | -117.118867 | 32.6177199 | 32.67382 | -117.116427 |
| 32.3854167 | 32.672640 | -117.117227 | 32.5020833 | 32.67196 | -117.118867 | 32.6178935 | 32.67381 | -117.1164 |
| 32.3855903 | 32.672637 | -117.117227 | 32.5023611 | 32.67196 | -117.118867 | 32.6184028 | 32.67384 | -117.1164 |
| 32.3857639 | 32.672633 | -117.117240 | 32.5031366 | 32.67196 | -117.11888 | 32.6185764 | 32.67384 | -117.1164 |
| 32.3859491 | 32.672627 | -117.117253 | 32.5033102 | 32.67196 | -117.11888 | 32.61875 | 32.67384 | -117.1164 |
| 32.3861227 | 32.672623 | -117.117253 | 32.5034838 | 32.67195 | -117.118893 | 32.6189352 | 32.67384 | -117.1164 |
| 32.3863542 | 32.672620 | -117.117253 | 32.503669 | 32.67195 | -117.118907 | 32.6191088 | 32.67383 | -117.1164 |
| 32.3864583 | 32.672617 | -117.117267 | 32.5038889 | 32.67194 | -117.118907 | 32.6192824 | 32.67384 | -117.1164 |
| 32.3870139 | 32.672610 | -117.117267 | 32.5040162 | 32.67194 | -117.118907 | 32.6194444 | 32.67384 | -117.1164 |
| 32.3871644 | 32.672610 | -117.117267 | 32.5041782 | 32.67194 | -117.118907 | 32.6196181 | 32.67383 | -117.1164 |
| 32.3873380 | 32.672610 | -117.117267 | 32.5043519 | 32.67194 | -117.118907 | 32.6197917 | 32.67384 | -117.1164 |
| 32.3875000 | 32.672610 | -117.117267 | 32.5045255 | 32.67194 | -117.118907 | 32.6199653 | 32.67384 | -117.1164 |
| 32.3876736 | 32.672610 | -117.117267 | 32.5046991 | 32.67194 | -117.118907 | 32.6201389 | 32.67384 | -117.1164 |
| 32.3878472 | 32.672603 | -117.117280 | 32.5048727 | 32.67194 | -117.118907 | 32.6203125 | 32.67384 | -117.1164 |
| 32.3880208 | 32.672597 | -117.117280 | 32.5050347 | 32.67194 | -117.118907 | 32.6204861 | 32.67383 | -117.1164 |
| 32.3882060 | 32.672590 | -117.117280 | 32.5052083 | 32.67194 | -117.118907 | 32.6206597 | 32.67382 | -117.116387 |
| 32.3883796 | 32.672587 | -117.117280 | 32.5053935 | 32.67194 | -117.118907 | 32.6208333 | 32.67382 | -117.1164 |
| 32.3885417 | 32.672587 | -117.117307 | 32.5055671 | 32.67194 | -117.118907 | 32.6210069 | 32.67382 | -117.1164 |
| 32.3887153 | 32.672587 | -117.117307 | 32.5057407 | 32.67194 | -117.118907 | 32.6211806 | 32.67382 | -117.116387 |
| 32.3888889 | 32.672587 | -117.117307 | 32.5059144 | 32.67194 | -117.118907 | 32.6213542 | 32.67384 | -117.1164 |
| 32.3890625 | 32.672583 | -117.117307 | 32.506088 | 32.67194 | -117.118907 | 32.6215278 | 32.67384 | -117.1164 |
| 32.3892477 | 32.672587 | -117.117320 | 32.5062616 | 32.67194 | -117.118907 | 32.621713 | 32.67385 | -117.116387 |
| 32.3894213 | 32.672583 | -117.117320 | 32.5064236 | 32.67194 | -117.118907 | 32.6231019 | 32.67384 | -117.1164 |
| 32.3895833 | 32.672587 | -117.117320 | 32.5071412 | 32.67193 | -117.118933 | 32.6232755 | 32.67384 | -117.1164 |
| 32.3897569 | 32.672573 | -117.117333 | 32.5072917 | 32.67191 | -117.118947 | 32.6234375 | 32.67384 | -117.1164 |
| 32.3899306 | 32.672583 | -117.117333 | 32.5074653 | 32.6719 | -117.11896 | 32.6236111 | 32.67384 | -117.116427 |
| 32.3901042 | 32.672583 | -117.117333 | 32.5076505 | 32.6719 | -117.11896 | 32.6237847 | 32.67384 | -117.116453 |
| 32.3902894 | 32.672583 | -117.117347 | 32.5078241 | 32.6719 | -117.11896 | 32.6240046 | 32.67383 | -117.116467 |
| 32.3908102 | 32.672570 | -117.117387 | 32.5080093 | 32.6719 | -117.11896 | 32.6241319 | 32.67382 | -117.116467 |
| 32.3909838 | 32.672570 | -117.117400 | 32.5081597 | 32.6719 | -117.118973 | 32.6243056 | 32.67383 | -117.116493 |
| 32.3911574 | 32.672567 | -117.117413 | 32.5083681 | 32.6719 | -117.118973 | 32.6244907 | 32.67383 | -117.116493 |
| 32.3913310 | 32.672563 | -117.117427 | 32.5085185 | 32.6719 | -117.118973 | 32.6246644 | 32.67383 | -117.116493 |
| 32.3915046 | 32.672560 | -117.117427 | 32.5086806 | 32.6719 | -117.118973 | 32.624838 | 32.67382 | -117.116493 |
| 32.3916782 | 32.672560 | -117.117453 | 32.5088542 | 32.6719 | -117.118973 | 32.6250116 | 32.67382 | -117.116493 |
| 32.3918519 | 32.672560 | -117.117453 | 32.5090278 | 32.6719 | -117.118973 | 32.6251852 | 32.67381 | -117.11652 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3920139 | 32.672553 | -117.117453 | 32.5092014 | 32.6719 | -117.118973 | 32.6253472 | 32.6738 | -117.11652 |
| 32.3921875 | 32.672553 | -117.117453 | 32.509375 | 32.6719 | -117.118973 | 32.6255208 | 32.6738 | -117.116533 |
| 32.3923958 | 32.672553 | -117.117453 | 32.5095486 | 32.6719 | -117.118973 | 32.6256944 | 32.67378 | -117.116547 |
| 32.3925810 | 32.672553 | -117.117453 | 32.5097338 | 32.6719 | -117.118973 | 32.6258796 | 32.67378 | -117.116587 |
| 32.3927083 | 32.672553 | -117.117453 | 32.5099074 | 32.6719 | -117.11896 | 32.6260532 | 32.67377 | -117.1166 |
| 32.3928935 | 32.672553 | -117.117453 | 32.510081 | 32.67189 | -117.11896 | 32.6262269 | 32.67376 | -117.1166 |
| 32.3930671 | 32.672550 | -117.117453 | 32.5102546 | 32.67188 | -117.119 | 32.6264005 | 32.67376 | -117.116613 |
| 32.3932407 | 32.672550 | -117.117467 | 32.5104282 | 32.67188 | -117.119 | 32.6284838 | 32.67366 | -117.116693 |
| 32.3934144 | 32.672550 | -117.117467 | 32.5112847 | 32.67188 | -117.119 | 32.6286574 | 32.67365 | -117.116693 |
| 32.3936227 | 32.672547 | -117.117467 | 32.5114583 | 32.67188 | -117.119 | 32.628831 | 32.67364 | -117.116693 |
| 32.3937500 | 32.672547 | -117.117467 | 32.5116319 | 32.67188 | -117.119 | 32.6289931 | 32.67362 | -117.11672 |
| 32.3939236 | 32.672547 | -117.117467 | 32.5118171 | 32.67188 | -117.119 | 32.6291667 | 32.67361 | -117.11672 |
| 32.3941088 | 32.672543 | -117.117480 | 32.5119907 | 32.67188 | -117.119 | 32.6293403 | 32.6736 | -117.11672 |
| 32.3946181 | 32.672517 | -117.117533 | 32.5121991 | 32.67188 | -117.119 | 32.6295139 | 32.67359 | -117.116733 |
| 32.3948264 | 32.672507 | -117.117547 | 32.5123264 | 32.67187 | -117.119 | 32.6296875 | 32.67358 | -117.116747 |
| 32.3949769 | 32.672507 | -117.117547 | 32.5125 | 32.67187 | -117.119 | 32.6298611 | 32.67357 | -117.116747 |
| 32.3951505 | 32.672500 | -117.117573 | 32.5126852 | 32.67187 | -117.119 | 32.6300463 | 32.67355 | -117.11676 |
| 32.3953241 | 32.672493 | -117.117600 | 32.5128588 | 32.67187 | -117.119 | 32.6302199 | 32.67354 | -117.116787 |
| 32.3954977 | 32.672497 | -117.117600 | 32.5130324 | 32.67187 | -117.119 | 32.6303935 | 32.67353 | -117.116787 |
| 32.3956713 | 32.672493 | -117.117600 | 32.5131944 | 32.67187 | -117.119 | 32.6305556 | 32.67351 | -117.116787 |
| 32.3959722 | 32.672487 | -117.117613 | 32.5133681 | 32.67186 | -117.119 | 32.6307292 | 32.6735 | -117.116787 |
| 32.3961921 | 32.672487 | -117.117613 | 32.5135417 | 32.67186 | -117.119 | 32.6309028 | 32.67349 | -117.116787 |
| 32.3963657 | 32.672487 | -117.117613 | 32.5137153 | 32.67186 | -117.119 | 32.631088 | 32.67347 | -117.116787 |
| 32.3965857 | 32.672487 | -117.117640 | 32.5138889 | 32.67186 | -117.119 | 32.6312616 | 32.67347 | -117.116787 |
| 32.3967130 | 32.672487 | -117.117653 | 32.5140625 | 32.67186 | -117.119 | 32.6314352 | 32.67347 | -117.116787 |
| 32.3968866 | 32.672487 | -117.117653 | 32.5142361 | 32.67185 | -117.119 | 32.6316088 | 32.67346 | -117.116787 |
| 32.3970486 | 32.672480 | -117.117653 | 32.5144097 | 32.67185 | -117.119 | 32.6321181 | 32.6734 | -117.116787 |
| 32.3972222 | 32.672477 | -117.117680 | 32.5145833 | 32.67185 | -117.119 | 32.6322917 | 32.67337 | -117.116787 |
| 32.3973958 | 32.672477 | -117.117680 | 32.5161806 | 32.67184 | -117.119 | 32.6324653 | 32.67335 | -117.116787 |
| 32.3975810 | 32.672473 | -117.117707 | 32.5163194 | 32.67184 | -117.119 | 32.6326505 | 32.67333 | -117.116787 |
| 32.3977546 | 32.672470 | -117.117720 | 32.5165046 | 32.67184 | -117.119 | 32.6328241 | 32.67331 | -117.116787 |
| 32.3979282 | 32.672470 | -117.117720 | 32.5166782 | 32.67184 | -117.119 | 32.6329977 | 32.6733 | -117.116787 |
| 32.3981019 | 32.672470 | -117.117720 | 32.5168519 | 32.67184 | -117.119 | 32.6331713 | 32.67329 | -117.116787 |
| 32.3986111 | 32.672467 | -117.117720 | 32.5170139 | 32.67183 | -117.119 | 32.6333449 | 32.67326 | -117.116787 |
| 32.3987847 | 32.672467 | -117.117747 | 32.5171875 | 32.67183 | -117.119 | 32.6335764 | 32.67324 | -117.116787 |
| 32.3989583 | 32.672467 | -117.117747 | 32.5173611 | 32.67183 | -117.119 | 32.6336806 | 32.67322 | -117.116787 |
| 32.3991435 | 32.672467 | -117.117747 | 32.5176736 | 32.67183 | -117.119 | 32.6338542 | 32.67321 | -117.116787 |
| 32.3993171 | 32.672460 | -117.117747 | 32.5178935 | 32.67182 | -117.119 | 32.6340278 | 32.6732 | -117.116787 |
| 32.3994907 | 32.672460 | -117.117747 | 32.5181597 | 32.67182 | -117.119 | 32.6342014 | 32.67319 | -117.116787 |
| 32.3996528 | 32.672460 | -117.117747 | 32.5182407 | 32.67182 | -117.119 | 32.6343866 | 32.67319 | -117.11676 |
| 32.3998611 | 32.672450 | -117.117747 | 32.5184144 | 32.67182 | -117.119 | 32.6345602 | 32.67319 | -117.11676 |
| 32.4000116 | 32.672450 | -117.117747 | 32.518588 | 32.6718 | -117.118973 | 32.6347222 | 32.67318 | -117.11676 |
| 32.4002431 | 32.672450 | -117.117747 | 32.5187616 | 32.6718 | -117.118973 | 32.6348958 | 32.67317 | -117.11676 |
| 32.4003472 | 32.672450 | -117.117760 | 32.5189352 | 32.6718 | -117.118973 | 32.6350694 | 32.67316 | -117.116787 |
| 32.4005208 | 32.672443 | -117.117760 | 32.5191088 | 32.6718 | -117.118973 | 32.6352431 | 32.67315 | -117.116787 |
| 32.4007523 | 32.672443 | -117.117760 | 32.5192824 | 32.6718 | -117.11896 | 32.6354282 | 32.67313 | -117.116787 |
| 32.4008796 | 32.672443 | -117.117760 | 32.519456 | 32.6718 | -117.11896 | 32.6359491 | 32.67312 | -117.116747 |
| 32.4010532 | 32.672443 | -117.117760 | 32.5196296 | 32.6718 | -117.11896 | 32.6361227 | 32.6731 | -117.116747 |
| 32.4012269 | 32.672443 | -117.117773 | 32.5213773 | 32.67181 | -117.118947 | 32.6362847 | 32.67309 | -117.116733 |
| 32.4014468 | 32.672443 | -117.117773 | 32.5215278 | 32.67181 | -117.118947 | 32.6364583 | 32.67309 | -117.116733 |
| 32.4015741 | 32.672443 | -117.117773 | 32.521713 | 32.67181 | -117.118947 | 32.6366319 | 32.67308 | -117.11672 |
| 32.4017477 | 32.672430 | -117.117800 | 32.5218866 | 32.67181 | -117.118933 | 32.6368056 | 32.67307 | -117.11672 |
| 32.4019213 | 32.672423 | -117.117800 | 32.5220486 | 32.6718 | -117.118933 | 32.6369792 | 32.67306 | -117.116693 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4024306 | 32.672400 | -117.117853 | 32.5222222 | 32.6718 | -117.118933 | 32.6371528 | 32.67305 | -117.116693 |
| 32.4026042 | 32.672397 | -117.117853 | 32.5224074 | 32.6718 | -117.118933 | 32.6373264 | 32.67304 | -117.116693 |
| 32.4027894 | 32.672397 | -117.117853 | 32.522581 | 32.6718 | -117.118933 | 32.6375116 | 32.67303 | -117.116693 |
| 32.4029630 | 32.672397 | -117.117853 | 32.5227546 | 32.67179 | -117.118933 | 32.6376852 | 32.67301 | -117.116693 |
| 32.4031829 | 32.672397 | -117.117853 | 32.5229282 | 32.67179 | -117.118933 | 32.6378588 | 32.673 | -117.116693 |
| 32.4033102 | 32.672393 | -117.117867 | 32.5230903 | 32.67179 | -117.118933 | 32.6380324 | 32.67298 | -117.11668 |
| 32.4034838 | 32.672393 | -117.117867 | 32.5232639 | 32.67179 | -117.118933 | 32.638206 | 32.67297 | -117.11668 |
| 32.4036574 | 32.672393 | -117.117867 | 32.5234375 | 32.67179 | -117.118933 | 32.6383796 | 32.67297 | -117.11668 |
| 32.4038310 | 32.672393 | -117.117893 | 32.5236227 | 32.67179 | -117.118933 | 32.6385532 | 32.67297 | -117.116667 |
| 32.4039931 | 32.672383 | -117.117893 | 32.5237963 | 32.67179 | -117.118947 | 32.6387153 | 32.67297 | -117.116667 |
| 32.4041667 | 32.672383 | -117.117893 | 32.5239699 | 32.67179 | -117.118947 | 32.6388889 | 32.67297 | -117.116667 |
| 32.4043403 | 32.672383 | -117.117907 | 32.5241435 | 32.6718 | -117.118947 | 32.6390625 | 32.67298 | -117.116653 |
| 32.4045139 | 32.672383 | -117.117907 | 32.5243171 | 32.6718 | -117.118947 | 32.6392361 | 32.67299 | -117.116653 |
| 32.4046875 | 32.672380 | -117.117933 | 32.5245486 | 32.67179 | -117.118947 | 32.6396296 | 32.67298 | -117.116653 |
| 32.4048611 | 32.672380 | -117.117933 | 32.5246528 | 32.67179 | -117.118947 | 32.6397569 | 32.67298 | -117.116653 |
| 32.4050463 | 32.672380 | -117.117933 | 32.5256944 | 32.67178 | -117.118907 | 32.6399306 | 32.67298 | -117.11664 |
| 32.4052199 | 32.672377 | -117.117933 | 32.5258681 | 32.67178 | -117.118907 | 32.6401042 | 32.67298 | -117.116613 |
| 32.4053819 | 32.672377 | -117.117933 | 32.5260417 | 32.67178 | -117.118907 | 32.6402894 | 32.67298 | -117.116613 |
| 32.4055556 | 32.672377 | -117.117933 | 32.5262269 | 32.67177 | -117.118907 | 32.640463 | 32.673 | -117.1166 |
| 32.4057292 | 32.672377 | -117.117947 | 32.5264468 | 32.67178 | -117.118907 | 32.6406366 | 32.67299 | -117.116587 |
| 32.4062732 | 32.672370 | -117.117947 | 32.5265741 | 32.67178 | -117.118907 | 32.6408102 | 32.67299 | -117.116547 |
| 32.4064352 | 32.672370 | -117.117947 | 32.5267477 | 32.67178 | -117.118907 | 32.6409838 | 32.67299 | -117.116547 |
| 32.4066088 | 32.672367 | -117.117973 | 32.5269097 | 32.67178 | -117.118907 | 32.6411574 | 32.67298 | -117.116547 |
| 32.4067824 | 32.672367 | -117.117973 | 32.5270833 | 32.67178 | -117.11888 | 32.641331 | 32.67298 | -117.116533 |
| 32.4069560 | 32.672367 | -117.117987 | 32.5272569 | 32.67178 | -117.11888 | 32.6414931 | 32.67298 | -117.11652 |
| 32.4071296 | 32.672367 | -117.117987 | 32.5274421 | 32.67178 | -117.11888 | 32.6416667 | 32.67298 | -117.116493 |
| 32.4073032 | 32.672367 | -117.117987 | 32.5276157 | 32.67179 | -117.118867 | 32.6418403 | 32.67298 | -117.116493 |
| 32.4076042 | 32.672357 | -117.118013 | 32.5277778 | 32.67179 | -117.118853 | 32.6420139 | 32.67298 | -117.116493 |
| 32.4078241 | 32.672357 | -117.118013 | 32.5279514 | 32.6718 | -117.118853 | 32.6421991 | 32.67298 | -117.116493 |
| 32.4080787 | 32.672357 | -117.118013 | 32.528125 | 32.67181 | -117.118827 | 32.6423727 | 32.67299 | -117.116493 |
| 32.4081713 | 32.672357 | -117.118013 | 32.5283333 | 32.67181 | -117.118813 | 32.6425463 | 32.67299 | -117.116467 |
| 32.4083796 | 32.672350 | -117.118013 | 32.5284838 | 32.67182 | -117.118813 | 32.6427199 | 32.67298 | -117.116453 |
| 32.4085069 | 32.672350 | -117.118013 | 32.5286921 | 32.67184 | -117.1188 | 32.6428935 | 32.67299 | -117.116453 |
| 32.4086806 | 32.672350 | -117.118040 | 32.5288194 | 32.67185 | -117.118787 | 32.6439352 | 32.673 | -117.1164 |
| 32.4088542 | 32.672350 | -117.118040 | 32.5289931 | 32.67185 | -117.11876 | 32.6441088 | 32.673 | -117.1164 |
| 32.4090278 | 32.672350 | -117.118040 | 32.5295949 | 32.67186 | -117.11876 | 32.6442824 | 32.67301 | -117.1164 |
| 32.4092014 | 32.672347 | -117.118040 | 32.5296991 | 32.67186 | -117.11876 | 32.6444792 | 32.67301 | -117.116387 |
| 32.4093750 | 32.672347 | -117.118040 | 32.5298727 | 32.67187 | -117.118747 | 32.6446181 | 32.67301 | -117.116373 |
| 32.4095602 | 32.672343 | -117.118040 | 32.5300463 | 32.67188 | -117.118747 | 32.6447917 | 32.67302 | -117.116347 |
| 32.4097338 | 32.672333 | -117.118053 | 32.5302199 | 32.67188 | -117.118747 | 32.6449653 | 32.67302 | -117.116347 |
| 32.4102431 | 32.672297 | -117.118080 | 32.5303935 | 32.67189 | -117.118733 | 32.6451389 | 32.67302 | -117.11632 |
| 32.4104167 | 32.672290 | -117.118093 | 32.5305671 | 32.6719 | -117.11872 | 32.6453241 | 32.67303 | -117.116293 |
| 32.4105903 | 32.672283 | -117.118093 | 32.5307292 | 32.6719 | -117.118707 | 32.6454977 | 32.67303 | -117.116253 |
| 32.4107639 | 32.672277 | -117.118120 | 32.5309028 | 32.67191 | -117.118707 | 32.6456713 | 32.67303 | -117.116253 |
| 32.4109491 | 32.672273 | -117.118120 | 32.5310764 | 32.67191 | -117.11868 | 32.6458449 | 32.67304 | -117.11624 |
| 32.4111227 | 32.672267 | -117.118133 | 32.53125 | 32.67192 | -117.118667 | 32.6460185 | 32.67304 | -117.116227 |
| 32.4112847 | 32.672260 | -117.118133 | 32.5314352 | 32.67192 | -117.118653 | 32.6461921 | 32.67305 | -117.116227 |
| 32.4114583 | 32.672260 | -117.118147 | 32.5316088 | 32.67193 | -117.118653 | 32.6463657 | 32.67307 | -117.116227 |
| 32.4116898 | 32.672257 | -117.118147 | 32.5317824 | 32.67194 | -117.11864 | 32.6465394 | 32.67307 | -117.116213 |
| 32.4118171 | 32.672257 | -117.118147 | 32.531956 | 32.67194 | -117.11864 | 32.6467708 | 32.67308 | -117.116227 |
| 32.4119907 | 32.672257 | -117.118147 | 32.5321181 | 32.67195 | -117.118613 | 32.646875 | 32.67308 | -117.116213 |
| 32.4121644 | 32.672257 | -117.118147 | 32.5322917 | 32.67195 | -117.118613 | 32.6470486 | 32.67308 | -117.116213 |
| 32.4123380 | 32.672257 | -117.118147 | 32.5324653 | 32.67195 | -117.118613 | 32.6472222 | 32.67309 | -117.116213 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4125116 | 32.672257 | -117.118160 | 32.5326736 | 32.67197 | -117.118613 | 32.6482639 | 32.67313 | -117.11616 |
| 32.4126736 | 32.672257 | -117.118160 | 32.5328241 | 32.67197 | -117.1186 | 32.6484375 | 32.67313 | -117.116147 |
| 32.4128472 | 32.672257 | -117.118160 | 32.5333449 | 32.672 | -117.118573 | 32.6486227 | 32.67313 | -117.116147 |
| 32.4130208 | 32.672253 | -117.118160 | 32.5335185 | 32.672 | -117.11856 | 32.6487963 | 32.67313 | -117.116133 |
| 32.4131944 | 32.672253 | -117.118187 | 32.5336921 | 32.67201 | -117.11856 | 32.6489699 | 32.67314 | -117.116133 |
| 32.4133796 | 32.672247 | -117.118200 | 32.5338657 | 32.67202 | -117.11856 | 32.6491435 | 32.67315 | -117.116133 |
| 32.4135532 | 32.672247 | -117.118200 | 32.5340394 | 32.67202 | -117.11856 | 32.6493171 | 32.67317 | -117.116107 |
| 32.4142477 | 32.672240 | -117.118213 | 32.534213 | 32.67202 | -117.11856 | 32.6494907 | 32.67316 | -117.116107 |
| 32.4144213 | 32.672240 | -117.118213 | 32.5344444 | 32.67203 | -117.118533 | 32.6496528 | 32.67317 | -117.116107 |
| 32.4145949 | 32.672240 | -117.118213 | 32.5345486 | 32.67203 | -117.118533 | 32.6498264 | 32.67318 | -117.116107 |
| 32.4147917 | 32.672240 | -117.118213 | 32.5347338 | 32.67204 | -117.118533 | 32.65 | 32.67319 | -117.116107 |
| 32.4149421 | 32.672240 | -117.118213 | 32.5349074 | 32.67204 | -117.11852 | 32.6501736 | 32.67319 | -117.116107 |
| 32.4151157 | 32.672223 | -117.118267 | 32.535081 | 32.67205 | -117.118507 | 32.6503588 | 32.67319 | -117.116107 |
| 32.4153241 | 32.672223 | -117.118267 | 32.5352546 | 32.67206 | -117.118493 | 32.6505324 | 32.6732 | -117.116107 |
| 32.4154514 | 32.672223 | -117.118267 | 32.5354282 | 32.67207 | -117.118467 | 32.650706 | 32.67322 | -117.116107 |
| 32.4156250 | 32.672223 | -117.118267 | 32.5355903 | 32.67207 | -117.118467 | 32.6508796 | 32.67321 | -117.116093 |
| 32.4157986 | 32.672220 | -117.118293 | 32.5357639 | 32.67207 | -117.118467 | 32.6510532 | 32.67322 | -117.116093 |
| 32.4159838 | 32.672217 | -117.118293 | 32.5359491 | 32.67208 | -117.118467 | 32.6512269 | 32.67321 | -117.11608 |
| 32.4161574 | 32.672217 | -117.118293 | 32.5361227 | 32.67208 | -117.118467 | 32.6514005 | 32.67322 | -117.116067 |
| 32.4163310 | 32.672217 | -117.118307 | 32.5362963 | 32.67208 | -117.118453 | 32.6515741 | 32.67323 | -117.116067 |
| 32.4165857 | 32.672217 | -117.118307 | 32.5364699 | 32.67209 | -117.11844 | 32.6521181 | 32.67323 | -117.116067 |
| 32.4166667 | 32.672217 | -117.118307 | 32.5366435 | 32.67209 | -117.118413 | 32.6522685 | 32.67323 | -117.116067 |
| 32.4168403 | 32.672217 | -117.118307 | 32.5375 | 32.67212 | -117.118387 | 32.6525 | 32.67325 | -117.116067 |
| 32.4170255 | 32.672213 | -117.118333 | 32.5376736 | 32.67212 | -117.118387 | 32.6526042 | 32.67325 | -117.116067 |
| 32.4171991 | 32.672210 | -117.118333 | 32.5378588 | 32.67213 | -117.11836 | 32.6527778 | 32.67326 | -117.116067 |
| 32.4173727 | 32.672187 | -117.118347 | 32.5380324 | 32.67213 | -117.118347 | 32.6529514 | 32.67325 | -117.11608 |
| 32.4175579 | 32.672180 | -117.118347 | 32.5381944 | 32.67214 | -117.118347 | 32.653125 | 32.67326 | -117.116067 |
| 32.4185880 | 32.672177 | -117.118387 | 32.5383681 | 32.67214 | -117.118333 | 32.6533102 | 32.67326 | -117.116067 |
| 32.4187616 | 32.672167 | -117.118387 | 32.5385417 | 32.67215 | -117.118333 | 32.6535185 | 32.67326 | -117.116053 |
| 32.4189352 | 32.672163 | -117.118387 | 32.5387153 | 32.67215 | -117.118333 | 32.6536458 | 32.67328 | -117.116067 |
| 32.4191088 | 32.672167 | -117.118413 | 32.5388889 | 32.67216 | -117.118293 | 32.653831 | 32.6733 | -117.116053 |
| 32.4192824 | 32.672163 | -117.118413 | 32.5390625 | 32.67217 | -117.11828 | 32.6540046 | 32.6733 | -117.116027 |
| 32.4194560 | 32.672160 | -117.118413 | 32.5392361 | 32.67218 | -117.11828 | 32.6541782 | 32.67329 | -117.116053 |
| 32.4196296 | 32.672157 | -117.118427 | 32.5394097 | 32.67219 | -117.118267 | 32.6543519 | 32.6733 | -117.116027 |
| 32.4198032 | 32.672153 | -117.118427 | 32.5395949 | 32.67219 | -117.11824 | 32.6545255 | 32.67329 | -117.116027 |
| 32.4199769 | 32.672153 | -117.118413 | 32.5397685 | 32.6722 | -117.11824 | 32.6546875 | 32.67327 | -117.116027 |
| 32.4201389 | 32.672160 | -117.118413 | 32.5399306 | 32.67221 | -117.11824 | 32.6548611 | 32.67329 | -117.116027 |
| 32.4203125 | 32.672160 | -117.118413 | 32.5401157 | 32.67221 | -117.118227 | 32.6550347 | 32.67328 | -117.116027 |
| 32.4205093 | 32.672167 | -117.118413 | 32.5402894 | 32.67222 | -117.118213 | 32.6552199 | 32.6733 | -117.116027 |
| 32.4206597 | 32.672167 | -117.118413 | 32.540463 | 32.67222 | -117.118213 | 32.6554167 | 32.67329 | -117.116013 |
| 32.4208681 | 32.672167 | -117.118413 | 32.5406366 | 32.67224 | -117.118213 | 32.6576505 | 32.67328 | -117.116067 |
| 32.4210185 | 32.672167 | -117.118413 | 32.5407986 | 32.67225 | -117.1182 | 32.6578241 | 32.67329 | -117.116067 |
| 32.4211921 | 32.672177 | -117.118413 | 32.5415046 | 32.67228 | -117.118187 | 32.6579861 | 32.6733 | -117.116053 |
| 32.4213657 | 32.672177 | -117.118413 | 32.5416782 | 32.67229 | -117.11816 | 32.6581597 | 32.6733 | -117.116053 |
| 32.4215394 | 32.672183 | -117.118413 | 32.5418519 | 32.67229 | -117.118147 | 32.6583796 | 32.6733 | -117.116053 |
| 32.4218171 | 32.672183 | -117.118413 | 32.5421181 | 32.67231 | -117.118133 | 32.6585185 | 32.67331 | -117.116053 |
| 32.4219213 | 32.672180 | -117.118413 | 32.5421875 | 32.67231 | -117.118133 | 32.6586921 | 32.6733 | -117.116053 |
| 32.4224074 | 32.672183 | -117.118387 | 32.5423611 | 32.67231 | -117.118133 | 32.6588657 | 32.6733 | -117.116027 |
| 32.4225810 | 32.672183 | -117.118387 | 32.5425347 | 32.67232 | -117.11812 | 32.6590278 | 32.67331 | -117.116013 |
| 32.4227546 | 32.672180 | -117.118413 | 32.5427083 | 32.67232 | -117.118093 | 32.6592014 | 32.67331 | -117.116013 |
| 32.4229167 | 32.672180 | -117.118413 | 32.5428819 | 32.67233 | -117.118093 | 32.659375 | 32.6733 | -117.116013 |
| 32.4230903 | 32.672180 | -117.118413 | 32.5430671 | 32.67234 | -117.11808 | 32.6595602 | 32.6733 | -117.116013 |
| 32.4232639 | 32.672187 | -117.118413 | 32.5432407 | 32.67236 | -117.118067 | 32.6597454 | 32.6733 | -117.116027 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 32.4234375 | 32.672183 | -117.118413 | 32.5434028 | 32.67236 | -117.118067 | 32.6598958 | 32.67327 | -117.116053 |
| 32.4236111 | 32.672183 | -117.118413 | 32.5435764 | 32.67236 | -117.118067 | 32.6600694 | 32.67329 | -117.116067 |
| 32.4238194 | 32.672173 | -117.118413 | 32.54375 | 32.67236 | -117.118053 | 32.6602431 | 32.67329 | -117.116053 |
| 32.4239699 | 32.672177 | -117.118413 | 32.5439236 | 32.67237 | -117.118053 | 32.6604167 | 32.6733 | -117.116027 |
| 32.4241435 | 32.672180 | -117.118413 | 32.5441088 | 32.67237 | -117.11804 | 32.6605903 | 32.6733 | -117.116027 |
| 32.4243171 | 32.672177 | -117.118413 | 32.5442824 | 32.67238 | -117.11804 | 32.6607639 | 32.67329 | -117.116053 |
| 32.4244907 | 32.672180 | -117.118413 | 32.544456 | 32.67239 | -117.118013 | 32.6632523 | 32.6733 | -117.116013 |
| 32.4246759 | 32.672187 | -117.118387 | 32.5446296 | 32.67239 | -117.118013 | 32.6634259 | 32.6733 | -117.116 |
| 32.4248958 | 32.672183 | -117.118387 | 32.5448032 | 32.6724 | -117.118013 | 32.6635532 | 32.6733 | -117.116013 |
| 32.4250000 | 32.672183 | -117.118387 | 32.5454977 | 32.67243 | -117.117987 | 32.6637153 | 32.67332 | -117.116 |
| 32.4251736 | 32.672177 | -117.118387 | 32.5456713 | 32.67243 | -117.117973 | 32.6638889 | 32.67331 | -117.116013 |
| 32.4253588 | 32.672177 | -117.118387 | 32.5458449 | 32.67244 | -117.117973 | 32.6640741 | 32.67331 | -117.116013 |
| 32.4255324 | 32.672180 | -117.118387 | 32.5460185 | 32.67245 | -117.117947 | 32.6642477 | 32.6733 | -117.116027 |
| 32.4256944 | 32.672183 | -117.118387 | 32.5461921 | 32.67246 | -117.117947 | 32.6644213 | 32.67328 | -117.116027 |
| 32.4267361 | 32.672193 | -117.118387 | 32.5463657 | 32.67246 | -117.117947 | 32.6645949 | 32.67329 | -117.116027 |
| 32.4269097 | 32.672197 | -117.118387 | 32.5465278 | 32.67246 | -117.117947 | 32.6647569 | 32.67328 | -117.116027 |
| 32.4270833 | 32.672197 | -117.118387 | 32.5467014 | 32.67246 | -117.117947 | 32.6649653 | 32.67328 | -117.116013 |
| 32.4272569 | 32.672200 | -117.118360 | 32.546875 | 32.67247 | -117.117933 | 32.6651157 | 32.67329 | -117.116013 |
| 32.4274306 | 32.672200 | -117.118360 | 32.5470602 | 32.67248 | -117.117933 | 32.6652894 | 32.6733 | -117.116013 |
| 32.4276042 | 32.672197 | -117.118347 | 32.5472338 | 32.67248 | -117.117933 | 32.665463 | 32.6733 | -117.116013 |
| 32.4277778 | 32.672193 | -117.118347 | 32.5474074 | 32.67248 | -117.117933 | 32.665625 | 32.6733 | -117.116013 |
| 32.4279514 | 32.672200 | -117.118347 | 32.5475694 | 32.67249 | -117.117933 | 32.6657986 | 32.67331 | -117.116013 |
| 32.4281366 | 32.672203 | -117.118333 | 32.5477431 | 32.67249 | -117.11792 | 32.6659722 | 32.67331 | -117.116 |
| 32.4283102 | 32.672200 | -117.118333 | 32.5479167 | 32.6725 | -117.117907 | 32.6661574 | 32.67331 | -117.116 |
| 32.4284722 | 32.672200 | -117.118333 | 32.5481019 | 32.6725 | -117.117907 | 32.666331 | 32.6733 | -117.116013 |
| 32.4286458 | 32.672210 | -117.118333 | 32.548287 | 32.6725 | -117.117907 | 32.6668519 | 32.67331 | -117.116 |
| 32.4288194 | 32.672223 | -117.118333 | 32.5484375 | 32.6725 | -117.117907 | 32.6670139 | 32.67333 | -117.115987 |
| 32.4290046 | 32.672220 | -117.118333 | 32.5486111 | 32.6725 | -117.117907 | 32.6671875 | 32.67333 | -117.115987 |
| 32.4291782 | 32.672223 | -117.118307 | 32.5487963 | 32.6725 | -117.117907 | 32.6673611 | 32.67333 | -117.115987 |
| 32.4293403 | 32.672230 | -117.118293 | 32.5493171 | 32.67254 | -117.117867 | 32.6675347 | 32.67332 | -117.115987 |
| 32.4295139 | 32.672230 | -117.118293 | 32.5494907 | 32.67255 | -117.117853 | 32.6677083 | 32.67331 | -117.116 |
| 32.4296875 | 32.672217 | -117.118307 | 32.5496644 | 32.67256 | -117.117853 | 32.6678819 | 32.67329 | -117.116 |
| 32.4298611 | 32.672220 | -117.118293 | 32.5498264 | 32.67257 | -117.117853 | 32.6680556 | 32.67328 | -117.116 |
| 32.4300347 | 32.672223 | -117.118293 | 32.55 | 32.67258 | -117.117853 | 32.6682292 | 32.67327 | -117.116013 |
| 32.4305556 | 32.672220 | -117.118267 | 32.5501736 | 32.67258 | -117.117853 | 32.6684028 | 32.67329 | -117.116013 |
| 32.4307292 | 32.672210 | -117.118267 | 32.5503472 | 32.67258 | -117.11784 | 32.6685764 | 32.67328 | -117.116013 |
| 32.4309028 | 32.672217 | -117.118267 | 32.5505208 | 32.67259 | -117.117827 | 32.66875 | 32.67329 | -117.116013 |
| 32.4310880 | 32.672223 | -117.118267 | 32.550706 | 32.67259 | -117.1178 | 32.6689236 | 32.67329 | -117.116013 |
| 32.4312616 | 32.672217 | -117.118240 | 32.5508796 | 32.6726 | -117.1178 | 32.6690972 | 32.67329 | -117.116013 |
| 32.4314352 | 32.672223 | -117.118240 | 32.5511458 | 32.6726 | -117.1178 | 32.6692708 | 32.6733 | -117.116013 |
| 32.4316088 | 32.672237 | -117.118240 | 32.5512269 | 32.6726 | -117.1178 | 32.6694444 | 32.6733 | -117.116013 |
| 32.4317824 | 32.672237 | -117.118240 | 32.5514005 | 32.6726 | -117.1178 | 32.6696181 | 32.6733 | -117.116013 |
| 32.4319444 | 32.672223 | -117.118240 | 32.5515625 | 32.6726 | -117.1178 | 32.6697917 | 32.6733 | -117.116013 |
| 32.4321181 | 32.672230 | -117.118240 | 32.5517361 | 32.67259 | -117.117787 | 32.6699653 | 32.6733 | -117.116013 |
| 32.4322917 | 32.672233 | -117.118240 | 32.5519097 | 32.6726 | -117.117787 | 32.6701389 | 32.6733 | -117.116013 |
| 32.4324653 | 32.672223 | -117.118240 | 32.5520833 | 32.67259 | -117.117787 | 32.6715278 | 32.67329 | -117.116 |
| 32.4326505 | 32.672247 | -117.118213 | 32.5522569 | 32.67259 | -117.117787 | 32.6717014 | 32.6733 | -117.116 |
| 32.4328241 | 32.672247 | -117.118200 | 32.5524421 | 32.67259 | -117.117787 | 32.671875 | 32.6733 | -117.116 |
| 32.4330324 | 32.672233 | -117.118200 | 32.5526157 | 32.67259 | -117.117787 | 32.6720486 | 32.6733 | -117.116 |
| 32.4331597 | 32.672240 | -117.118200 | 32.5548611 | 32.6726 | -117.117787 | 32.6722222 | 32.6733 | -117.116 |
| 32.4333449 | 32.672233 | -117.118187 | 32.5550347 | 32.6726 | -117.117787 | 32.6723958 | 32.67328 | -117.116 |
| 32.4335185 | 32.672237 | -117.118187 | 32.5552083 | 32.6726 | -117.117787 | 32.6725694 | 32.67327 | -117.115987 |
| 32.4336921 | 32.672250 | -117.118187 | 32.5553819 | 32.6726 | -117.1178 | 32.6727431 | 32.67326 | -117.115987 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4338657 | 32.672247 | -117.118187 | 32.5555556 | 32.6726 | -117.1178 | 32.6729167 | 32.67327 | -117.115987 |
| 32.4343866 | 32.672233 | -117.118147 | 32.5557407 | 32.6726 | -117.117787 | 32.6730903 | 32.67327 | -117.115987 |
| 32.4345602 | 32.672237 | -117.118147 | 32.5559144 | 32.6726 | -117.117787 | 32.6732639 | 32.67327 | -117.116 |
| 32.4347338 | 32.672260 | -117.118147 | 32.5560764 | 32.6726 | -117.117787 | 32.6734375 | 32.67328 | -117.116 |
| 32.4349074 | 32.672260 | -117.118147 | 32.55625 | 32.6726 | -117.117787 | 32.6736111 | 32.67328 | -117.116013 |
| 32.4350694 | 32.672260 | -117.118133 | 32.5564468 | 32.6726 | -117.117787 | 32.6737847 | 32.67329 | -117.116 |
| 32.4352431 | 32.672253 | -117.118133 | 32.5565972 | 32.6726 | -117.117787 | 32.6739583 | 32.67329 | -117.116013 |
| 32.4354167 | 32.672257 | -117.118133 | 32.5567708 | 32.6726 | -117.117787 | 32.6741319 | 32.67329 | -117.116013 |
| 32.4355903 | 32.672260 | -117.118133 | 32.5569792 | 32.67261 | -117.117787 | 32.6743056 | 32.67328 | -117.116013 |
| 32.4357639 | 32.672257 | -117.118120 | 32.5571296 | 32.67261 | -117.117787 | 32.6744792 | 32.67327 | -117.116013 |
| 32.4359375 | 32.672267 | -117.118120 | 32.5573032 | 32.67261 | -117.117787 | 32.6746528 | 32.67326 | -117.116013 |
| 32.4361111 | 32.672270 | -117.118120 | 32.5574769 | 32.67261 | -117.117787 | 32.6748264 | 32.67325 | -117.116013 |
| 32.4362847 | 32.672277 | -117.118120 | 32.5576505 | 32.67261 | -117.117787 | 32.6760532 | 32.67323 | -117.116 |
| 32.4364583 | 32.672273 | -117.118093 | 32.5578241 | 32.67261 | -117.117787 | 32.6762269 | 32.67324 | -117.116 |
| 32.4366319 | 32.672267 | -117.118120 | 32.5579977 | 32.67261 | -117.117787 | 32.6764005 | 32.67325 | -117.116 |
| 32.4368056 | 32.672260 | -117.118120 | 32.5581713 | 32.67262 | -117.117787 | 32.6765741 | 32.67325 | -117.116 |
| 32.4369792 | 32.672260 | -117.118093 | 32.5586806 | 32.67263 | -117.1178 | 32.6767477 | 32.67326 | -117.116 |
| 32.4371528 | 32.672270 | -117.118093 | 32.5588542 | 32.67264 | -117.1178 | 32.6769213 | 32.67325 | -117.116 |
| 32.4373264 | 32.672277 | -117.118093 | 32.5590278 | 32.67265 | -117.1178 | 32.6770949 | 32.67325 | -117.116 |
| 32.4375000 | 32.672283 | -117.118093 | 32.5592014 | 32.67265 | -117.1178 | 32.6772685 | 32.67326 | -117.116013 |
| 32.4376736 | 32.672283 | -117.118093 | 32.559375 | 32.67265 | -117.1178 | 32.6774421 | 32.67325 | -117.116013 |
| 32.4389005 | 32.672277 | -117.118053 | 32.5595486 | 32.67265 | -117.1178 | 32.6776157 | 32.67324 | -117.116013 |
| 32.4390741 | 32.672283 | -117.118053 | 32.5597222 | 32.67266 | -117.1178 | 32.6777894 | 32.67325 | -117.116013 |
| 32.4392477 | 32.672283 | -117.118053 | 32.5598958 | 32.67266 | -117.1178 | 32.677963 | 32.67326 | -117.116013 |
| 32.4394329 | 32.672290 | -117.118040 | 32.5600694 | 32.67267 | -117.1178 | 32.6781366 | 32.67326 | -117.116013 |
| 32.4396991 | 32.672307 | -117.118040 | 32.5602431 | 32.67268 | -117.1178 | 32.6783102 | 32.67325 | -117.116013 |
| 32.4398380 | 32.672307 | -117.118013 | 32.5604167 | 32.67268 | -117.1178 | 32.6784838 | 32.67327 | -117.116 |
| 32.4399421 | 32.672310 | -117.118013 | 32.5605903 | 32.67268 | -117.1178 | 32.6786574 | 32.67327 | -117.116 |
| 32.4401389 | 32.672320 | -117.118013 | 32.5607639 | 32.67268 | -117.1178 | 32.678831 | 32.67327 | -117.116 |
| 32.4402778 | 32.672323 | -117.118000 | 32.5609375 | 32.67268 | -117.1178 | 32.6790046 | 32.67328 | -117.116 |
| 32.4404630 | 32.672323 | -117.118000 | 32.5611227 | 32.67268 | -117.1178 | 32.6791782 | 32.67329 | -117.115987 |
| 32.4406366 | 32.672320 | -117.117987 | 32.5612963 | 32.67268 | -117.1178 | 32.6817708 | 32.67328 | -117.116013 |
| 32.4408333 | 32.672330 | -117.117987 | 32.5614699 | 32.67268 | -117.1178 | 32.6819444 | 32.67329 | -117.116013 |
| 32.4409838 | 32.672327 | -117.117987 | 32.5616319 | 32.67268 | -117.1178 | 32.6821181 | 32.67328 | -117.116 |
| 32.4411574 | 32.672320 | -117.117987 | 32.5618056 | 32.67268 | -117.1178 | 32.6822917 | 32.67327 | -117.116013 |
| 32.4413310 | 32.672327 | -117.117987 | 32.5619792 | 32.67268 | -117.1178 | 32.6824653 | 32.67327 | -117.116013 |
| 32.4414931 | 32.672330 | -117.117973 | 32.5626968 | 32.67269 | -117.1178 | 32.6826389 | 32.67327 | -117.116 |
| 32.4416667 | 32.672333 | -117.117947 | 32.5628472 | 32.67269 | -117.1178 | 32.6828125 | 32.67327 | -117.116013 |
| 32.4418403 | 32.672340 | -117.117947 | 32.5630208 | 32.67269 | -117.1178 | 32.6829861 | 32.67326 | -117.116013 |
| 32.4420139 | 32.672333 | -117.117947 | 32.5631944 | 32.67269 | -117.1178 | 32.6831597 | 32.67325 | -117.116013 |
| 32.4422801 | 32.672340 | -117.117973 | 32.5633796 | 32.67271 | -117.1178 | 32.6833333 | 32.67326 | -117.116 |
| 32.4427199 | 32.672347 | -117.117947 | 32.5635532 | 32.67271 | -117.1178 | 32.6835069 | 32.67327 | -117.116 |
| 32.4429514 | 32.672343 | -117.117947 | 32.5637153 | 32.67271 | -117.1178 | 32.6836806 | 32.67327 | -117.116 |
| 32.4430556 | 32.672343 | -117.117947 | 32.5638889 | 32.67271 | -117.1178 | 32.6838657 | 32.67329 | -117.116 |
| 32.4432986 | 32.672343 | -117.117947 | 32.5640625 | 32.67271 | -117.1178 | 32.6840394 | 32.67329 | -117.116 |
| 32.4434028 | 32.672343 | -117.117947 | 32.5642477 | 32.67271 | -117.1178 | 32.684213 | 32.67328 | -117.116013 |
| 32.4435764 | 32.672343 | -117.117947 | 32.5644213 | 32.67271 | -117.1178 | 32.6843866 | 32.67327 | -117.116013 |
| 32.4437500 | 32.672347 | -117.117947 | 32.5645949 | 32.67271 | -117.1178 | 32.6845602 | 32.67329 | -117.116013 |
| 32.4439236 | 32.672347 | -117.117947 | 32.5647685 | 32.67271 | -117.1178 | 32.6847338 | 32.67329 | -117.116013 |
| 32.4441088 | 32.672347 | -117.117947 | 32.5649421 | 32.67271 | -117.1178 | 32.6849074 | 32.6733 | -117.116 |
| 32.4442824 | 32.672350 | -117.117933 | 32.5651042 | 32.67271 | -117.1178 | 32.6854398 | 32.67326 | -117.116013 |
| 32.4444560 | 32.672350 | -117.117933 | 32.5652778 | 32.67271 | -117.1178 | 32.6855903 | 32.67325 | -117.116027 |
| 32.4446875 | 32.672350 | -117.117933 | 32.5654514 | 32.67271 | -117.1178 | 32.6857639 | 32.67324 | -117.116013 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4447917 | 32.672350 | -117.117933 | 32.565625 | 32.67271 | -117.1178 | 32.6859375 | 32.67325 | -117.116 |
| 32.4449769 | 32.672350 | -117.117933 | 32.5658102 | 32.67271 | -117.1178 | 32.6861111 | 32.67325 | -117.116013 |
| 32.4451505 | 32.672350 | -117.117933 | 32.5659838 | 32.67272 | -117.1178 | 32.6862847 | 32.67324 | -117.116013 |
| 32.4453241 | 32.672357 | -117.117933 | 32.5665046 | 32.67272 | -117.1178 | 32.6864583 | 32.67325 | -117.116013 |
| 32.4454977 | 32.672357 | -117.117933 | 32.5666782 | 32.67272 | -117.1178 | 32.6866319 | 32.67326 | -117.116013 |
| 32.4456713 | 32.672357 | -117.117933 | 32.5668519 | 32.67272 | -117.1178 | 32.6868056 | 32.67327 | -117.116013 |
| 32.4458449 | 32.672347 | -117.117920 | 32.5670255 | 32.67273 | -117.1178 | 32.6869792 | 32.67329 | -117.116013 |
| 32.4460185 | 32.672340 | -117.117920 | 32.5671991 | 32.67273 | -117.1178 | 32.6871528 | 32.67329 | -117.116027 |
| 32.4465278 | 32.672330 | -117.117920 | 32.5673611 | 32.67273 | -117.1178 | 32.6873264 | 32.67329 | -117.116027 |
| 32.4467361 | 32.672327 | -117.117920 | 32.5675694 | 32.67273 | -117.1178 | 32.6875 | 32.67329 | -117.116013 |
| 32.4468866 | 32.672327 | -117.117920 | 32.5677199 | 32.67273 | -117.1178 | 32.6876736 | 32.67328 | -117.116013 |
| 32.4470602 | 32.672320 | -117.117920 | 32.5678819 | 32.67273 | -117.1178 | 32.6878472 | 32.67327 | -117.116027 |
| 32.4472222 | 32.672327 | -117.117920 | 32.5680556 | 32.67274 | -117.117787 | 32.6880208 | 32.67326 | -117.116053 |
| 32.4473958 | 32.672330 | -117.117920 | 32.5682292 | 32.67274 | -117.117787 | 32.6881944 | 32.67326 | -117.116027 |
| 32.4475694 | 32.672333 | -117.117920 | 32.5684375 | 32.67274 | -117.117787 | 32.6883681 | 32.67327 | -117.116053 |
| 32.4477546 | 32.672333 | -117.117920 | 32.568588 | 32.67274 | -117.117787 | 32.6885417 | 32.67326 | -117.116053 |
| 32.4479282 | 32.672333 | -117.117920 | 32.5687616 | 32.67274 | -117.117787 | 32.6887153 | 32.67327 | -117.116027 |
| 32.4481019 | 32.672333 | -117.117920 | 32.5689352 | 32.67275 | -117.117787 | 32.6899421 | 32.67328 | -117.116 |
| 32.4482755 | 32.672333 | -117.117920 | 32.5691088 | 32.67275 | -117.117787 | 32.6901157 | 32.67329 | -117.116013 |
| 32.4484491 | 32.672333 | -117.117920 | 32.5692824 | 32.67275 | -117.117787 | 32.6902894 | 32.6733 | -117.116013 |
| 32.4486111 | 32.672333 | -117.117920 | 32.5694444 | 32.67276 | -117.117787 | 32.690463 | 32.67329 | -117.116 |
| 32.4487847 | 32.672333 | -117.117920 | 32.5696181 | 32.67277 | -117.117787 | 32.6906366 | 32.6733 | -117.116 |
| 32.4489583 | 32.672333 | -117.117920 | 32.5697917 | 32.67277 | -117.117787 | 32.6908102 | 32.6733 | -117.116013 |
| 32.4491319 | 32.672333 | -117.117920 | 32.5703125 | 32.67277 | -117.117787 | 32.6909838 | 32.6733 | -117.116013 |
| 32.4493171 | 32.672333 | -117.117920 | 32.5704861 | 32.67277 | -117.117787 | 32.6911574 | 32.6733 | -117.116013 |
| 32.4494907 | 32.672333 | -117.117920 | 32.5706713 | 32.67277 | -117.117787 | 32.691331 | 32.6733 | -117.116 |
| 32.4496528 | 32.672333 | -117.117920 | 32.5708449 | 32.67277 | -117.117787 | 32.6915046 | 32.6733 | -117.116 |
| 32.4498264 | 32.672333 | -117.117920 | 32.5710185 | 32.67277 | -117.117787 | 32.6916782 | 32.67329 | -117.116 |
| 32.4509722 | 32.672327 | -117.117933 | 32.5711921 | 32.67277 | -117.117787 | 32.6918519 | 32.67328 | -117.116 |
| 32.4510764 | 32.672327 | -117.117933 | 32.5713773 | 32.67277 | -117.117787 | 32.6920255 | 32.67329 | -117.116 |
| 32.4512269 | 32.672327 | -117.117933 | 32.5715278 | 32.67277 | -117.117787 | 32.6921991 | 32.6733 | -117.116 |
| 32.4514005 | 32.672323 | -117.117933 | 32.5717014 | 32.67277 | -117.117787 | 32.6923727 | 32.6733 | -117.116 |
| 32.4515741 | 32.672323 | -117.117933 | 32.5718866 | 32.67277 | -117.117787 | 32.6925463 | 32.6733 | -117.115987 |
| 32.4517477 | 32.672320 | -117.117933 | 32.5720602 | 32.67277 | -117.117787 | 32.6927199 | 32.6733 | -117.115987 |
| 32.4519676 | 32.672320 | -117.117933 | 32.5722454 | 32.67277 | -117.117787 | 32.6928935 | 32.6733 | -117.115987 |
| 32.4520949 | 32.672320 | -117.117947 | 32.5723958 | 32.67277 | -117.117787 | 32.6930671 | 32.67331 | -117.116013 |
| 32.4522685 | 32.672320 | -117.117947 | 32.5725694 | 32.67277 | -117.117787 | 32.6932407 | 32.67331 | -117.116013 |
| 32.4525463 | 32.672320 | -117.117947 | 32.5727546 | 32.67278 | -117.117787 | 32.6954977 | 32.6733 | -117.115987 |
| 32.4526273 | 32.672313 | -117.117947 | 32.5729282 | 32.67278 | -117.117787 | 32.6956713 | 32.67331 | -117.115987 |
| 32.4527778 | 32.672310 | -117.117947 | 32.5731019 | 32.67278 | -117.117787 | 32.6958449 | 32.6733 | -117.115987 |
| 32.4529514 | 32.672310 | -117.117947 | 32.5732755 | 32.67278 | -117.117787 | 32.6960185 | 32.6733 | -117.115973 |
| 32.4531250 | 32.672307 | -117.117947 | 32.5734491 | 32.67278 | -117.117787 | 32.6961921 | 32.67329 | -117.115947 |
| 32.4532986 | 32.672307 | -117.117947 | 32.5736227 | 32.67278 | -117.117787 | 32.6963657 | 32.6733 | -117.115947 |
| 32.4535417 | 32.672307 | -117.117947 | 32.5750116 | 32.67278 | -117.117773 | 32.6965394 | 32.67329 | -117.115973 |
| 32.4536574 | 32.672307 | -117.117947 | 32.5751852 | 32.67278 | -117.117773 | 32.696713 | 32.6733 | -117.115973 |
| 32.4538310 | 32.672307 | -117.117947 | 32.5753588 | 32.67278 | -117.117773 | 32.6968866 | 32.67331 | -117.115973 |
| 32.4539931 | 32.672307 | -117.117947 | 32.5755324 | 32.67278 | -117.117773 | 32.6970602 | 32.6733 | -117.115973 |
| 32.4545255 | 32.672307 | -117.117973 | 32.575706 | 32.67278 | -117.117773 | 32.6972338 | 32.67331 | -117.115947 |
| 32.4546991 | 32.672297 | -117.118000 | 32.5758796 | 32.67278 | -117.11776 | 32.6974074 | 32.67332 | -117.115947 |
| 32.4548727 | 32.672297 | -117.118000 | 32.5760532 | 32.67278 | -117.11776 | 32.697581 | 32.67331 | -117.115947 |
| 32.4550463 | 32.672297 | -117.118000 | 32.5762153 | 32.67278 | -117.11776 | 32.6977546 | 32.67331 | -117.115973 |
| 32.4552199 | 32.672297 | -117.118000 | 32.5763889 | 32.67278 | -117.11776 | 32.6979282 | 32.6733 | -117.115973 |
| 32.4555093 | 32.672297 | -117.118000 | 32.5765625 | 32.67278 | -117.11776 | 32.6981019 | 32.6733 | -117.115973 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4555556 | 32.672297 | -117.118000 | 32.5767477 | 32.67278 | -117.11776 | 32.6982755 | 32.6733 | -117.115973 |
| 32.4557292 | 32.672297 | -117.118000 | 32.5769213 | 32.67278 | -117.11776 | 32.6984491 | 32.6733 | -117.115973 |
| 32.4559028 | 32.672297 | -117.118000 | 32.5770949 | 32.67278 | -117.11776 | 32.6986227 | 32.67329 | -117.115973 |
| 32.4560764 | 32.672290 | -117.118013 | 32.5772685 | 32.67278 | -117.117747 | 32.6991435 | 32.6733 | -117.115987 |
| 32.4562616 | 32.672283 | -117.118053 | 32.5774421 | 32.67278 | -117.117747 | 32.6993171 | 32.6733 | -117.115987 |
| 32.4564352 | 32.672283 | -117.118053 | 32.5776042 | 32.67278 | -117.117747 | 32.6994907 | 32.6733 | -117.115987 |
| 32.4566088 | 32.672283 | -117.118053 | 32.5777778 | 32.67278 | -117.117747 | 32.6996644 | 32.6733 | -117.115987 |
| 32.4567824 | 32.672270 | -117.118080 | 32.5779514 | 32.67278 | -117.117747 | 32.699838 | 32.6733 | -117.115987 |
| 32.4569560 | 32.672260 | -117.118120 | 32.578125 | 32.67278 | -117.117747 | 32.7000116 | 32.6733 | -117.115987 |
| 32.4571296 | 32.672253 | -117.118133 | 32.5783102 | 32.67278 | -117.117747 | 32.7001852 | 32.6733 | -117.115987 |
| 32.4572917 | 32.672240 | -117.118147 | 32.5788194 | 32.67279 | -117.117747 | 32.7003588 | 32.67329 | -117.115987 |
| 32.4574653 | 32.672233 | -117.118147 | 32.5789931 | 32.67279 | -117.117747 | 32.7005324 | 32.67329 | -117.115987 |
| 32.4576389 | 32.672223 | -117.118147 | 32.5791782 | 32.67279 | -117.117747 | 32.700706 | 32.67328 | -117.115987 |
| 32.4578125 | 32.672220 | -117.118147 | 32.5793519 | 32.67279 | -117.117747 | 32.7008796 | 32.67327 | -117.115987 |
| 32.4600694 | 32.672197 | -117.118187 | 32.5795255 | 32.67279 | -117.117747 | 32.7010532 | 32.67327 | -117.115973 |
| 32.4602431 | 32.672187 | -117.118200 | 32.5796991 | 32.67279 | -117.117747 | 32.7012269 | 32.67327 | -117.115987 |
| 32.4604282 | 32.672187 | -117.118200 | 32.5798727 | 32.67279 | -117.117747 | 32.7014005 | 32.67327 | -117.116 |
| 32.4606019 | 32.672187 | -117.118227 | 32.5800579 | 32.67279 | -117.117747 | 32.7015741 | 32.67327 | -117.116 |
| 32.4607755 | 32.672187 | -117.118227 | 32.5802083 | 32.67279 | -117.117747 | 32.7017477 | 32.67327 | -117.116013 |
| 32.4609491 | 32.672183 | -117.118227 | 32.5803935 | 32.67279 | -117.117747 | 32.7019213 | 32.67327 | -117.116013 |
| 32.4611458 | 32.672183 | -117.118240 | 32.5805671 | 32.67279 | -117.117747 | 32.7020949 | 32.67327 | -117.116013 |
| 32.4612963 | 32.672177 | -117.118240 | 32.5807407 | 32.67279 | -117.117747 | 32.7022685 | 32.67327 | -117.116013 |
| 32.4614699 | 32.672177 | -117.118267 | 32.5809144 | 32.67279 | -117.117747 | 32.7024421 | 32.67328 | -117.116027 |
| 32.4616435 | 32.672167 | -117.118267 | 32.581088 | 32.67279 | -117.117747 | 32.702963 | 32.67328 | -117.116027 |
| 32.4618171 | 32.672163 | -117.118267 | 32.5812616 | 32.67279 | -117.117747 | 32.7031366 | 32.67328 | -117.116027 |
| 32.4619907 | 32.672163 | -117.118267 | 32.5814352 | 32.67279 | -117.117747 | 32.7033102 | 32.67327 | -117.116013 |
| 32.4621644 | 32.672163 | -117.118267 | 32.5816204 | 32.67279 | -117.117747 | 32.7034838 | 32.67327 | -117.116013 |
| 32.4623380 | 32.672167 | -117.118267 | 32.5817708 | 32.6728 | -117.117747 | 32.7036574 | 32.67327 | -117.116 |
| 32.4625000 | 32.672167 | -117.118267 | 32.5819444 | 32.6728 | -117.117747 | 32.703831 | 32.67327 | -117.116013 |
| 32.4626736 | 32.672167 | -117.118267 | 32.5821296 | 32.6728 | -117.117747 | 32.7040046 | 32.67326 | -117.116027 |
| 32.4628588 | 32.672167 | -117.118267 | 32.5826505 | 32.6728 | -117.117747 | 32.7041782 | 32.67326 | -117.116133 |
| 32.4630324 | 32.672163 | -117.118280 | | | | | | |

**Appendix C2: DrEx Sensor Data**

DrEx 106

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 32.3523843 | 15.38 | 3.6632 | 32.4518056 | 16.01 | 22.0401 | 32.5512269 | 16.13 | 18.5473 |
| 32.3525 | 15.54 | 6.4904 | 32.4519213 | 16 | 21.0378 | 32.5513426 | 16.13 | 18.003 |
| 32.3526157 | 15.52 | 4.3047 | 32.452037 | 16 | 21.6576 | 32.5514583 | 16.14 | 19.5261 |
| 32.3527315 | 15.55 | 5.152 | 32.4521528 | 16.01 | 21.5559 | 32.5515741 | 16.13 | 18.3365 |
| 32.3528472 | 15.54 | 4.5687 | 32.4522685 | 15.97 | 18.8634 | 32.5516898 | 16.14 | 18.6888 |
| 32.352963 | 15.54 | 3.8817 | 32.4523843 | 15.93 | 17.3283 | 32.5518056 | 16.14 | 18.7031 |
| 32.3530787 | 15.57 | 4.9444 | 32.4525 | 15.91 | 17.2763 | 32.5519213 | 16.14 | 19.4235 |
| 32.3531944 | 15.54 | 3.7922 | 32.4526157 | 15.91 | 16.9497 | 32.552037 | 16.14 | 19.8918 |
| 32.3533102 | 15.57 | 4.3511 | 32.4527315 | 15.96 | 20.221 | 32.5521528 | 16.14 | 19.7095 |
| 32.3534259 | 15.58 | 4.5526 | 32.4528472 | 15.94 | 18.6823 | 32.5522685 | 16.16 | 19.9943 |
| 32.3535417 | 15.61 | 6.2105 | 32.452963 | 15.96 | 19.35 | 32.5523843 | 16.17 | 21.6097 |
| 32.3536574 | 15.62 | 6.6173 | 32.4530787 | 15.93 | 18.4404 | 32.5525 | 16.17 | 20.6671 |
| 32.3537732 | 15.61 | 6.1671 | 32.4531944 | 15.97 | 20.2447 | 32.5526157 | 16.16 | 20.6824 |
| 32.3538889 | 15.62 | 6.5348 | 32.4533102 | 15.97 | 20.3804 | 32.5527315 | 16.16 | 20.3764 |
| 32.3540046 | 15.87 | 19.0175 | 32.4534259 | 15.97 | 20.0376 | 32.5528472 | 16.17 | 20.4797 |
| 32.3541204 | 15.73 | 8.3487 | 32.4535417 | 15.97 | 20.5006 | 32.552963 | 16.17 | 20.9953 |
| 32.3542361 | 15.67 | 8.5733 | 32.4536574 | 15.98 | 20.329 | 32.5530787 | 16.17 | 20.9667 |
| 32.3543519 | 15.75 | 12.3912 | 32.4537732 | 15.96 | 19.3917 | 32.5531944 | 16.16 | 19.465 |
| 32.3544676 | 15.65 | 6.9712 | 32.4538889 | 15.93 | 17.6056 | 32.5533102 | 16.17 | 22.7677 |
| 32.3545833 | 15.67 | 8.1479 | 32.4540046 | 15.94 | 19.5322 | 32.5534259 | 16.17 | 21.9635 |
| 32.3546991 | 15.65 | 6.3533 | 32.4541204 | 15.98 | 20.9938 | 32.5535417 | 16.16 | 19.0659 |
| 32.3548148 | 15.65 | 6.8715 | 32.4542361 | 15.98 | 21.2218 | 32.5536574 | 16.16 | 18.0788 |
| 32.3549306 | 15.65 | 6.8266 | 32.4543519 | 15.97 | 20.0282 | 32.5537732 | 16.14 | 20.1924 |
| 32.3550463 | 15.67 | 7.8331 | 32.4544676 | 15.94 | 18.2751 | 32.5538889 | 16.16 | 21.0084 |
| 32.355162 | 15.71 | 9.4285 | 32.4545833 | 15.96 | 19.3216 | 32.5540046 | 16.17 | 22.0782 |
| 32.3552778 | 15.73 | 10.531 | 32.4546991 | 15.97 | 20.339 | 32.5541204 | 16.16 | 20.6824 |
| 32.3553935 | 15.73 | 11.3298 | 32.4548148 | 15.96 | 19.5895 | 32.5542361 | 16.16 | 20.4798 |
| 32.3555093 | 15.75 | 12.9695 | 32.4549306 | 15.98 | 21.3097 | 32.5543519 | 16.17 | 20.6722 |
| 32.355625 | 15.71 | 9.8028 | 32.4550463 | 15.98 | 21.2271 | 32.5544676 | 16.16 | 20.4724 |
| 32.3557407 | 15.85 | 17.2765 | 32.455162 | 16 | 21.374 | 32.5545833 | 16.17 | 20.8145 |
| 32.3558565 | 15.73 | 10.1445 | 32.4552778 | 15.97 | 19.8326 | 32.5546991 | 16.17 | 21.2192 |
| 32.3559722 | 15.73 | 10.3094 | 32.4553935 | 15.98 | 21.1479 | 32.5548148 | 16.16 | 19.8982 |
| 32.356088 | 15.75 | 11.9858 | 32.4555093 | 15.97 | 20.1371 | 32.5549306 | 16.16 | 20.2716 |
| 32.3562037 | 15.74 | 10.3275 | 32.455625 | 15.98 | 21.3284 | 32.5550463 | 16.16 | 19.0509 |
| 32.3563194 | 15.77 | 11.9294 | 32.4557407 | 15.98 | 20.7277 | 32.555162 | 16.16 | 19.1151 |
| 32.3564352 | 15.75 | 11.3298 | 32.4558565 | 16 | 21.5723 | 32.5552778 | 16.16 | 18.6305 |
| 32.3565509 | 15.78 | 12.6925 | 32.4559722 | 15.98 | 20.9576 | 32.5553935 | 16.14 | 18.6704 |
| 32.3566667 | 15.77 | 12.0265 | 32.456088 | 15.96 | 19.3456 | 32.5555093 | 16.14 | 18.4665 |
| 32.3567824 | 15.78 | 12.0434 | 32.4562037 | 15.98 | 21.2271 | 32.555625 | 16.14 | 18.7586 |
| 32.3568982 | 15.74 | 10.6709 | 32.4563194 | 15.97 | 20.0707 | 32.5557407 | 16.14 | 18.5146 |
| 32.3570139 | 15.77 | 11.5278 | 32.4564352 | 15.91 | 17.1768 | 32.5558565 | 16.14 | 18.9292 |
| 32.3571296 | 15.77 | 11.4252 | 32.4565509 | 15.96 | 19.8861 | 32.5559722 | 16.14 | 18.9062 |
| 32.3572454 | 15.77 | 11.0217 | 32.4566667 | 15.94 | 18.2926 | 32.556088 | 16.14 | 18.9356 |
| 32.3573611 | 15.75 | 10.0949 | 32.4567824 | 15.98 | 21.267 | 32.5562037 | 16.16 | 18.2563 |
| 32.3574769 | 15.74 | 9.9379 | 32.4568982 | 15.98 | 21.0354 | 32.5563194 | 16.14 | 17.3928 |
| 32.3575926 | 15.73 | 9.5974 | 32.4570139 | 15.98 | 21.0797 | 32.5564352 | 16.14 | 17.5743 |
| 32.3577083 | 15.71 | 8.9688 | 32.4571296 | 15.93 | 17.9239 | 32.5565509 | 16.14 | 17.3139 |
| 32.3578241 | 15.68 | 7.9829 | 32.4572454 | 16 | 21.9091 | 32.5566667 | 16.14 | 17.2323 |
| 32.3579398 | 15.68 | 7.6863 | 32.4573611 | 16.01 | 22.2045 | 32.5567824 | 16.14 | 17.3366 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3580556 | 15.67 | 7.4975 | 32.4574769 | 15.96 | 18.3224 | 32.5568982 | 16.16 | 17.1515 |
| 32.3581713 | 15.67 | 7.0941 | 32.4575926 | 15.96 | 19.5738 | 32.5570139 | 16.14 | 16.8905 |
| 32.358287 | 15.68 | 7.9782 | 32.4577083 | 15.98 | 20.4536 | 32.5571296 | 16.14 | 16.9304 |
| 32.3584028 | 15.68 | 7.9916 | 32.4578241 | 15.97 | 20.7278 | 32.5572454 | 16.14 | 16.7916 |
| 32.3585185 | 15.68 | 7.7375 | 32.4579398 | 15.97 | 20.2495 | 32.5573611 | 16.14 | 17.0107 |
| 32.3586343 | 15.67 | 7.0535 | 32.4580556 | 15.98 | 21.2271 | 32.5574769 | 16.16 | 19.2774 |
| 32.35875 | 15.64 | 6.0305 | 32.4581713 | 15.98 | 21.455 | 32.5575926 | 16.17 | 20.6369 |
| 32.3588657 | 15.7 | 8.7591 | 32.458287 | 15.97 | 20.9319 | 32.5577083 | 16.16 | 20.5295 |
| 32.3589815 | 15.68 | 7.3371 | 32.4584028 | 15.97 | 20.7329 | 32.5578241 | 16.16 | 17.3806 |
| 32.3590972 | 15.67 | 7.254 | 32.4585185 | 15.98 | 20.5922 | 32.5579398 | 16.16 | 17.2479 |
| 32.359213 | 15.65 | 5.8564 | 32.4586343 | 15.97 | 19.8881 | 32.5580556 | 16.16 | 19.5771 |
| 32.3593287 | 15.65 | 6.1623 | 32.45875 | 15.94 | 18.1383 | 32.5581713 | 16.17 | 21.1688 |
| 32.3594444 | 15.6 | 3.9911 | 32.4588657 | 15.94 | 18.4298 | 32.558287 | 16.17 | 21.1953 |
| 32.3595602 | 15.61 | 4.4478 | 32.4589815 | 15.97 | 18.8365 | 32.5584028 | 16.16 | 18.0712 |
| 32.3596759 | 15.61 | 4.5029 | 32.4590972 | 15.96 | 18.4225 | 32.5585185 | 16.17 | 21.6291 |
| 32.3597917 | 15.67 | 7.8691 | 32.459213 | 15.96 | 18.486 | 32.5586343 | 16.17 | 21.6485 |
| 32.3599074 | 15.81 | 13.6652 | 32.4593287 | 15.94 | 18.125 | 32.55875 | 16.19 | 22.9477 |
| 32.3600232 | 15.87 | 16.2155 | 32.4594444 | 15.94 | 18.104 | 32.5588657 | 16.19 | 23.2854 |
| 32.3601389 | 15.84 | 13.3818 | 32.4595602 | 16 | 21.6852 | 32.5589815 | 16.17 | 21.6762 |
| 32.3602546 | 15.87 | 16.2292 | 32.4596759 | 16.03 | 22.1239 | 32.5590972 | 16.19 | 22.7318 |
| 32.3603704 | 15.84 | 15.3458 | 32.4597917 | 15.94 | 17.1435 | 32.559213 | 16.19 | 22.7043 |
| 32.3604861 | 15.84 | 16.7887 | 32.4599074 | 15.94 | 18.0793 | 32.5593287 | 16.19 | 22.5139 |
| 32.3606019 | 15.84 | 13.7995 | 32.4600232 | 15.97 | 20.5055 | 32.5594444 | 16.19 | 22.3857 |
| 32.3607176 | 15.83 | 14.6062 | 32.4601389 | 15.98 | 20.0326 | 32.5595602 | 16.19 | 22.3177 |
| 32.3608333 | 15.78 | 10.5224 | 32.4602546 | 15.97 | 19.4067 | 32.5596759 | 16.19 | 22.303 |
| 32.3609491 | 15.85 | 15.0991 | 32.4603704 | 15.94 | 18.7272 | 32.5597917 | 16.19 | 20.7863 |
| 32.3610648 | 15.77 | 10.4027 | 32.4604861 | 15.97 | 19.8395 | 32.5599074 | 16.17 | 20.7737 |
| 32.3611806 | 15.73 | 9.2816 | 32.4606019 | 15.98 | 20.1988 | 32.5600232 | 16.19 | 21.5411 |
| 32.3612963 | 15.7 | 7.2628 | 32.4607176 | 15.98 | 20.283 | 32.5601389 | 16.19 | 20.9303 |
| 32.361412 | 15.68 | 6.9338 | 32.4608333 | 15.97 | 19.7272 | 32.5602546 | 16.19 | 20.3147 |
| 32.3615278 | 15.8 | 14.592 | 32.4609491 | 15.97 | 20.0118 | 32.5603704 | 16.19 | 20.84 |
| 32.3616435 | 15.8 | 11.169 | 32.4610648 | 15.97 | 19.8649 | 32.5604861 | 16.19 | 20.366 |
| 32.3617593 | 15.68 | 6.1429 | 32.4611806 | 15.98 | 19.86 | 32.5606019 | 16.19 | 20.1744 |
| 32.361875 | 15.62 | 4.3013 | 32.4612963 | 15.97 | 19.7958 | 32.5607176 | 16.19 | 20.4868 |
| 32.3619907 | 15.62 | 4.4075 | 32.461412 | 15.98 | 19.7954 | 32.5608333 | 16.19 | 20.9562 |
| 32.3621065 | 15.81 | 15.3368 | 32.4615278 | 15.97 | 19.6274 | 32.5609491 | 16.19 | 20.4299 |
| 32.3622222 | 15.94 | 19.9356 | 32.4616435 | 15.98 | 19.4926 | 32.5610648 | 16.19 | 20.9849 |
| 32.362338 | 15.97 | 21.542 | 32.4617593 | 15.97 | 19.7226 | 32.5611806 | 16.17 | 18.6727 |
| 32.3624537 | 15.68 | 4.0067 | 32.461875 | 15.97 | 19.5913 | 32.5612963 | 16.17 | 20.3468 |
| 32.3625694 | 15.61 | 4.0985 | 32.4619907 | 15.98 | 19.6428 | 32.561412 | 16.17 | 20.0342 |
| 32.3626852 | 15.57 | 0.2232 | 32.4621065 | 15.97 | 19.5286 | 32.5615278 | 16.17 | 17.5828 |
| 32.3628009 | 15.7 | 10.601 | 32.4622222 | 15.97 | 19.5041 | 32.5616435 | 16.19 | 20.9849 |
| 32.3629167 | 15.91 | 19.3175 | 32.462338 | 15.97 | 19.7226 | 32.5617593 | 16.19 | 21.1953 |
| 32.3630324 | 15.9 | 16.8894 | 32.4624537 | 16 | 21.0927 | 32.561875 | 16.19 | 21.0659 |
| 32.3631482 | 15.93 | 19.6358 | 32.4625694 | 16 | 20.6018 | 32.5619907 | 16.19 | 18.5256 |
| 32.3632639 | 15.81 | 13.5519 | 32.4626852 | 16.01 | 21.161 | 32.5621065 | 16.19 | 17.0451 |
| 32.3633796 | 15.83 | 14.6213 | 32.4628009 | 16.01 | 21.0508 | 32.5622222 | 16.19 | 20.6442 |
| 32.3634954 | 15.75 | 11.2 | 32.4629167 | 16 | 20.3358 | 32.562338 | 16.19 | 19.9746 |
| 32.3636111 | 15.8 | 13.4733 | 32.4630324 | 16.01 | 21.1794 | 32.5624537 | 16.17 | 16.9728 |
| 32.3637269 | 15.74 | 10.5858 | 32.4631482 | 16.01 | 21.1794 | 32.5625694 | 16.19 | 21.1344 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3638426 | 15.74 | 10.6901 | 32.4632639 | 16.04 | 22.6559 | 32.5626852 | 16.19 | 21.0475 |
| 32.3639583 | 15.67 | 7.1341 | 32.4633796 | 16 | 19.7649 | 32.5628009 | 16.19 | 21.2326 |
| 32.3640741 | 15.67 | 7.1318 | 32.4634954 | 16 | 20.6946 | 32.5629167 | 16.17 | 17.8296 |
| 32.3641898 | 15.68 | 7.785 | 32.4636111 | 16.04 | 22.455 | 32.5630324 | 16.17 | 17.137 |
| 32.3643056 | 15.7 | 8.626 | 32.4637269 | 16.04 | 22.7653 | 32.5631482 | 16.16 | 17.1669 |
| 32.3644213 | 15.7 | 8.3874 | 32.4638426 | 16.04 | 22.6197 | 32.5632639 | 16.17 | 17.3886 |
| 32.364537 | 15.68 | 7.3062 | 32.4639583 | 16.03 | 22.0291 | 32.5633796 | 16.16 | 17.5153 |
| 32.3646528 | 15.7 | 8.283 | 32.4640741 | 16.01 | 21.4064 | 32.5634954 | 16.16 | 17.6741 |
| 32.3647685 | 15.68 | 7.1612 | 32.4641898 | 16 | 20.6068 | 32.5636111 | 16.16 | 17.7399 |
| 32.3648843 | 15.71 | 10.1639 | 32.4643056 | 16 | 20.9471 | 32.5637269 | 16.17 | 17.1489 |
| 32.365 | 15.77 | 12.1463 | 32.4644213 | 16.01 | 21.4199 | 32.5638426 | 16.14 | 17.843 |
| 32.3651157 | 15.73 | 10.0831 | 32.464537 | 16.04 | 22.2343 | 32.5639583 | 16.14 | 17.7912 |
| 32.3652315 | 15.7 | 8.4256 | 32.4646528 | 16.03 | 21.5314 | 32.5640741 | 16.16 | 17.3735 |
| 32.3653472 | 15.77 | 11.5876 | 32.4647685 | 16.01 | 20.9341 | 32.5641898 | 16.16 | 18.0065 |
| 32.365463 | 15.78 | 13.5227 | 32.4648843 | 16.01 | 21.608 | 32.5643056 | 16.16 | 17.8918 |
| 32.3655787 | 15.7 | 9.3502 | 32.465 | 16.03 | 21.4933 | 32.5644213 | 16.16 | 18.2212 |
| 32.3656944 | 15.7 | 8.3825 | 32.4651157 | 16.01 | 20.7424 | 32.564537 | 16.17 | 17.408 |
| 32.3658102 | 15.67 | 6.9699 | 32.4652315 | 16.01 | 20.7957 | 32.5646528 | 16.17 | 17.7668 |
| 32.3659259 | 15.67 | 6.775 | 32.4653472 | 16 | 20.365 | 32.5647685 | 16.16 | 18.1902 |
| 32.3660417 | 15.7 | 7.945 | 32.465463 | 16 | 20.1839 | 32.5648843 | 16.19 | 20.184 |
| 32.3661574 | 15.65 | 5.6861 | 32.4655787 | 16.01 | 20.916 | 32.565 | 16.17 | 18.0571 |
| 32.3662732 | 15.62 | 5.4815 | 32.4656944 | 16.03 | 21.8588 | 32.5651157 | 16.17 | 18.0134 |
| 32.3663889 | 15.64 | 5.3382 | 32.4658102 | 16.01 | 20.9289 | 32.5652315 | 16.17 | 17.9812 |
| 32.3665046 | 15.7 | 9.1677 | 32.4659259 | 16 | 20.1624 | 32.5653472 | 16.16 | 18.2992 |
| 32.3666204 | 15.65 | 6.3134 | 32.4660417 | 16.04 | 22.6347 | 32.565463 | 16.17 | 19.6264 |
| 32.3667361 | 15.61 | 4.9268 | 32.4661574 | 16.06 | 22.0986 | 32.5655787 | 16.19 | 21.0607 |
| 32.3668519 | 15.62 | 4.6151 | 32.4662732 | 16.04 | 22.4461 | 32.5656944 | 16.16 | 17.9217 |
| 32.3669676 | 15.62 | 4.9174 | 32.4663889 | 16.03 | 21.6606 | 32.5658102 | 16.16 | 17.7731 |
| 32.3670833 | 15.61 | 4.6951 | 32.4665046 | 16.04 | 22.4253 | 32.5659259 | 16.16 | 18.1729 |
| 32.3671991 | 15.62 | 4.899 | 32.4666204 | 16.01 | 21.0822 | 32.5660417 | 16.17 | 17.9191 |
| 32.3673148 | 15.64 | 4.9208 | 32.4667361 | 16.01 | 20.8672 | 32.5661574 | 16.17 | 17.7815 |
| 32.3674306 | 15.67 | 6.3274 | 32.4668519 | 16.03 | 21.6413 | 32.5662732 | 16.17 | 17.3587 |
| 32.3675463 | 15.68 | 6.846 | 32.4669676 | 16.03 | 21.9863 | 32.5663889 | 16.17 | 17.7154 |
| 32.367662 | 15.96 | 21.3525 | 32.4670833 | 16 | 19.7123 | 32.5665046 | 16.16 | 17.8304 |
| 32.3677778 | 15.96 | 22.0249 | 32.4671991 | 16 | 20.5644 | 32.5666204 | 16.16 | 17.5386 |
| 32.3678935 | 16.01 | 23.4002 | 32.4673148 | 16.04 | 22.3898 | 32.5667361 | 16.16 | 17.9311 |
| 32.3680093 | 16 | 21.5094 | 32.4674306 | 16.07 | 23.2882 | 32.5668519 | 16.16 | 17.3157 |
| 32.368125 | 16.03 | 23.021 | 32.4675463 | 16.06 | 22.6597 | 32.5669676 | 16.16 | 17.8713 |
| 32.3682407 | 16.09 | 25.2678 | 32.467662 | 16.01 | 20.5369 | 32.5670833 | 16.16 | 18.1651 |
| 32.3683565 | 16.09 | 23.5215 | 32.4677778 | 16.06 | 22.5722 | 32.5671991 | 16.16 | 18.2875 |
| 32.3684722 | 15.98 | 18.7432 | 32.4678935 | 16.07 | 23.1896 | 32.5673148 | 16.16 | 19.0318 |
| 32.368588 | 16.06 | 24.7889 | 32.4680093 | 16.07 | 23.3908 | 32.5674306 | 16.14 | 18.1646 |
| 32.3687037 | 16.07 | 24.8873 | 32.468125 | 16.06 | 22.4854 | 32.5675463 | 16.14 | 18.4168 |
| 32.3688194 | 16.1 | 25.2206 | 32.4682407 | 16.03 | 20.7853 | 32.567662 | 16.16 | 18.5013 |
| 32.3689352 | 16.09 | 24.3183 | 32.4683565 | 16.04 | 22.7653 | 32.5677778 | 16.16 | 18.7595 |
| 32.3690509 | 16.01 | 20.2968 | 32.4684722 | 16.06 | 23.1039 | 32.5678935 | 16.19 | 21.3614 |
| 32.3691667 | 15.93 | 19.593 | 32.468588 | 16.07 | 23.7835 | 32.5680093 | 16.17 | 20.3078 |
| 32.3692824 | 15.91 | 17.8512 | 32.4687037 | 16.07 | 23.4327 | 32.568125 | 16.17 | 19.1146 |
| 32.3693982 | 15.8 | 11.6776 | 32.4688194 | 16.09 | 23.8918 | 32.5682407 | 16.19 | 18.9688 |
| 32.3695139 | 15.83 | 13.1872 | 32.4689352 | 16.07 | 23.988 | 32.5683565 | 16.17 | 19.0761 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3696296 | 15.74 | 9.4558 | 32.4690509 | 16.09 | 23.9523 | 32.5684722 | 16.19 | 21.3857 |
| 32.3697454 | 15.73 | 8.5391 | 32.4691667 | 16.07 | 23.1044 | 32.568588 | 16.17 | 19.1792 |
| 32.3698611 | 15.7 | 8.0573 | 32.4692824 | 16.04 | 22.2227 | 32.5687037 | 16.17 | 19.2139 |
| 32.3699769 | 15.91 | 19.5782 | 32.4693982 | 16.04 | 21.6746 | 32.5688194 | 16.17 | 19.2378 |
| 32.3700926 | 16 | 21.2086 | 32.4695139 | 16.07 | 23.6282 | 32.5689352 | 16.19 | 19.0367 |
| 32.3702083 | 15.78 | 9.8075 | 32.4696296 | 16.07 | 23.2435 | 32.5690509 | 16.17 | 19.0867 |
| 32.3703241 | 15.71 | 7.5313 | 32.4697454 | 16.07 | 23.5496 | 32.5691667 | 16.19 | 19.2827 |
| 32.3704398 | 15.97 | 21.7766 | 32.4698611 | 16.07 | 23.7403 | 32.5692824 | 16.17 | 18.955 |
| 32.3705556 | 15.78 | 8.6268 | 32.4699769 | 16.09 | 23.9254 | 32.5693982 | 16.19 | 18.973 |
| 32.3706713 | 15.91 | 17.5073 | 32.4700926 | 16.09 | 23.9827 | 32.5695139 | 16.19 | 18.5881 |
| 32.370787 | 15.78 | 10.7989 | 32.4702083 | 16.09 | 24.2457 | 32.5696296 | 16.16 | 18.7884 |
| 32.3709028 | 16 | 22.7363 | 32.4703241 | 16.09 | 24.0335 | 32.5697454 | 16.16 | 18.5374 |
| 32.3710185 | 15.83 | 11.8161 | 32.4704398 | 16.09 | 24.0505 | 32.5698611 | 16.16 | 20.2449 |
| 32.3711343 | 15.85 | 15.0739 | 32.4705556 | 16.09 | 23.9827 | 32.5699769 | 16.17 | 20.5492 |
| 32.37125 | 15.85 | 15.8813 | 32.4706713 | 16.07 | 23.6282 | 32.5700926 | 16.16 | 19.4761 |
| 32.3713657 | 15.81 | 12.1531 | 32.470787 | 16.06 | 22.9695 | 32.5702083 | 16.14 | 19.2827 |
| 32.3714815 | 15.81 | 12.5956 | 32.4709028 | 16.06 | 23.2589 | 32.5703241 | 16.14 | 19.9714 |
| 32.3715972 | 15.83 | 12.5499 | 32.4710185 | 16.07 | 23.3426 | 32.5704398 | 16.16 | 18.7369 |
| 32.371713 | 15.8 | 12.3981 | 32.4711343 | 16.06 | 23.1511 | 32.5705556 | 16.16 | 20.5944 |
| 32.3718287 | 15.78 | 11.7117 | 32.47125 | 16.06 | 23.0037 | 32.5706713 | 16.17 | 20.5243 |
| 32.3719444 | 15.85 | 15.7282 | 32.4713657 | 16.06 | 23.243 | 32.570787 | 16.16 | 20.5768 |
| 32.3720602 | 15.81 | 12.5139 | 32.4714815 | 16.06 | 23.0193 | 32.5709028 | 16.17 | 20.0058 |
| 32.3721759 | 15.87 | 16.6872 | 32.4715972 | 16.07 | 23.3201 | 32.5710185 | 16.19 | 19.7813 |
| 32.3722917 | 15.83 | 12.8088 | 32.471713 | 16.07 | 23.0291 | 32.5711343 | 16.19 | 19.6212 |
| 32.3724074 | 15.8 | 12.0184 | 32.4718287 | 16.1 | 23.9026 | 32.57125 | 16.17 | 19.9306 |
| 32.3725232 | 15.91 | 19.0237 | 32.4719444 | 16.09 | 23.5999 | 32.5713657 | 16.17 | 20.6899 |
| 32.3726389 | 15.94 | 20.0905 | 32.4720602 | 16.07 | 23.1422 | 32.5714815 | 16.16 | 20.5071 |
| 32.3727546 | 15.91 | 18.0285 | 32.4721759 | 16.07 | 22.9917 | 32.5715972 | 16.17 | 20.2568 |
| 32.3728704 | 15.8 | 11.3593 | 32.4722917 | 16.07 | 22.791 | 32.571713 | 16.19 | 20.1288 |
| 32.3729861 | 15.85 | 14.7766 | 32.4724074 | 16.06 | 22.7814 | 32.5718287 | 16.19 | 19.2586 |
| 32.3731019 | 15.88 | 15.9191 | 32.4725232 | 16.09 | 23.9996 | 32.5719444 | 16.19 | 19.3949 |
| 32.3732176 | 15.84 | 15.1616 | 32.4726389 | 16.07 | 23.4554 | 32.5720602 | 16.19 | 19.4393 |
| 32.3733333 | 15.85 | 13.7419 | 32.4727546 | 16.07 | 22.9544 | 32.5721759 | 16.19 | 21.1159 |
| 32.3734491 | 15.84 | 14.6214 | 32.4728704 | 16.06 | 22.7967 | 32.5722917 | 16.19 | 19.6325 |
| 32.3735648 | 15.77 | 10.3386 | 32.4729861 | 16.07 | 23.2213 | 32.5724074 | 16.19 | 17.0333 |
| 32.3736806 | 15.96 | 20.878 | 32.4731019 | 16.07 | 23.1674 | 32.5725232 | 16.2 | 16.4913 |
| 32.3737963 | 15.88 | 15.0097 | 32.4732176 | 16.07 | 23.1674 | 32.5726389 | 16.19 | 21.3291 |
| 32.373912 | 15.98 | 22.4799 | 32.4733333 | 16.09 | 23.7318 | 32.5727546 | 16.19 | 21.0843 |
| 32.3740278 | 15.87 | 13.3629 | 32.4734491 | 16.06 | 22.8181 | 32.5728704 | 16.19 | 18.071 |
| 32.3741435 | 15.81 | 12.5811 | 32.4735648 | 16.07 | 23.2818 | 32.5729861 | 16.19 | 20.8272 |
| 32.3742593 | 16.01 | 22.4008 | 32.4736806 | 16.07 | 23.2658 | 32.5731019 | 16.2 | 18.0113 |
| 32.374375 | 15.96 | 20.1564 | 32.4737963 | 16.06 | 21.2165 | 32.5732176 | 16.2 | 19.3371 |
| 32.3744907 | 15.87 | 14.6609 | 32.473912 | 16.09 | 23.7384 | 32.5733333 | 16.2 | 20.6617 |
| 32.3746065 | 15.96 | 20.0686 | 32.4740278 | 16.06 | 22.3786 | 32.5734491 | 16.2 | 20.499 |
| 32.3747222 | 15.98 | 20.9834 | 32.4741435 | 16.04 | 21.5836 | 32.5735648 | 16.2 | 20.2756 |
| 32.374838 | 16 | 21.0535 | 32.4742593 | 16.03 | 21.4987 | 32.5736806 | 16.22 | 16.3715 |
| 32.3749537 | 15.88 | 15.4668 | 32.474375 | 16.06 | 22.9757 | 32.5737963 | 16.2 | 19.925 |
| 32.3750694 | 15.91 | 18.5531 | 32.4744907 | 16.01 | 20.9238 | 32.573912 | 16.2 | 18.8424 |
| 32.3751852 | 15.88 | 16.3076 | 32.4746065 | 16.03 | 20.3449 | 32.5740278 | 16.22 | 19.748 |
| 32.3753009 | 15.96 | 20.097 | 32.4747222 | 16.07 | 23.8468 | 32.5741435 | 16.2 | 19.535 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3754167 | 15.97 | 19.8835 | 32.474838 | 16.09 | 24.1084 | 32.5742593 | 16.22 | 19.0715 |
| 32.3755324 | 15.98 | 20.5251 | 32.4749537 | 16.09 | 22.4894 | 32.574375 | 16.22 | 18.8496 |
| 32.3756482 | 15.87 | 14.6786 | 32.4750694 | 16.09 | 23.2765 | 32.5744907 | 16.2 | 18.5714 |
| 32.3757639 | 15.98 | 21.0276 | 32.4751852 | 16.06 | 22.3432 | 32.5746065 | 16.2 | 19.0319 |
| 32.3758796 | 16.01 | 22.7306 | 32.4753009 | 16.04 | 21.6304 | 32.5747222 | 16.22 | 18.1168 |
| 32.3759954 | 15.9 | 17.5723 | 32.4754167 | 16.04 | 22.1588 | 32.574838 | 16.22 | 19.9221 |
| 32.3761111 | 15.98 | 19.9017 | 32.4755324 | 16.03 | 21.3822 | 32.5749537 | 16.22 | 18.8705 |
| 32.3762269 | 16.03 | 22.0721 | 32.4756482 | 16.03 | 21.0821 | 32.5750694 | 16.22 | 22.0161 |
| 32.3763426 | 15.98 | 20.8547 | 32.4757639 | 16.03 | 21.4281 | 32.5751852 | 16.22 | 19.7457 |
| 32.3764583 | 15.94 | 18.6458 | 32.4758796 | 16.04 | 21.4879 | 32.5753009 | 16.23 | 16.8907 |
| 32.3765741 | 16 | 20.6895 | 32.4759954 | 16.06 | 22.855 | 32.5754167 | 16.23 | 17.913 |
| 32.3766898 | 16 | 20.065 | 32.4761111 | 16.04 | 22.4818 | 32.5755324 | 16.22 | 18.8873 |
| 32.3768056 | 15.93 | 18.1869 | 32.4762269 | 16.06 | 22.5273 | 32.5756482 | 16.22 | 20.571 |
| 32.3769213 | 16.01 | 21.7632 | 32.4763426 | 16.07 | 23.4554 | 32.5757639 | 16.22 | 19.0822 |
| 32.377037 | 15.9 | 15.4563 | 32.4764583 | 16.07 | 23.1896 | 32.5758796 | 16.22 | 15.3304 |
| 32.3771528 | 15.9 | 14.7594 | 32.4765741 | 16.09 | 23.949 | 32.5759954 | 16.23 | 17.3432 |
| 32.3772685 | 16.03 | 23.0898 | 32.4766898 | 16.04 | 21.694 | 32.5761111 | 16.22 | 18.7686 |
| 32.3773843 | 15.9 | 14.6309 | 32.4768056 | 16.03 | 21.3151 | 32.5762269 | 16.23 | 17.0028 |
| 32.3775 | 15.87 | 14.5664 | 32.4769213 | 16.09 | 23.3566 | 32.5763426 | 16.22 | 20.5111 |
| 32.3776157 | 15.98 | 20.4955 | 32.477037 | 16.1 | 24.3053 | 32.5764583 | 16.22 | 21.9275 |
| 32.3777315 | 16.04 | 22.2489 | 32.4771528 | 16.11 | 24.5973 | 32.5765741 | 16.22 | 21.3373 |
| 32.3778472 | 16.07 | 23.5954 | 32.4772685 | 16.11 | 24.4106 | 32.5766898 | 16.23 | 21.0082 |
| 32.377963 | 16 | 20.2391 | 32.4773843 | 16.1 | 24.3644 | 32.5768056 | 16.22 | 18.5197 |
| 32.3780787 | 15.91 | 15.9571 | 32.4775 | 16.06 | 22.3698 | 32.5769213 | 16.23 | 19.5136 |
| 32.3781944 | 15.98 | 20.5598 | 32.4776157 | 16.06 | 22.7814 | 32.577037 | 16.22 | 21.2434 |
| 32.3783102 | 16 | 20.3699 | 32.4777315 | 16.09 | 24.2595 | 32.5771528 | 16.23 | 20.6639 |
| 32.3784259 | 16.06 | 23.0318 | 32.4778472 | 16.07 | 22.5786 | 32.5772685 | 16.22 | 19.9809 |
| 32.3785417 | 16 | 19.3328 | 32.477963 | 16.09 | 23.4663 | 32.5773843 | 16.23 | 19.0667 |
| 32.3786574 | 16.01 | 21.6577 | 32.4780787 | 16.1 | 24.2811 | 32.5775 | 16.23 | 19.2003 |
| 32.3787732 | 16.03 | 21.856 | 32.4781944 | 16.1 | 24.3574 | 32.5776157 | 16.22 | 18.9125 |
| 32.3788889 | 16.01 | 21.315 | 32.4783102 | 16.09 | 23.6954 | 32.5777315 | 16.22 | 18.9504 |
| 32.3790046 | 15.94 | 17.7497 | 32.4784259 | 16.1 | 24.2189 | 32.5778472 | 16.23 | 17.5349 |
| 32.3791204 | 15.91 | 16.9963 | 32.4785417 | 16.09 | 23.6065 | 32.577963 | 16.23 | 20.0042 |
| 32.3792361 | 16 | 20.8443 | 32.4786574 | 16.09 | 23.6098 | 32.5780787 | 16.23 | 18.5716 |
| 32.3793519 | 15.98 | 20.8573 | 32.4787732 | 16.09 | 23.5281 | 32.5781944 | 16.23 | 18.9414 |
| 32.3794676 | 16.01 | 19.5695 | 32.4788889 | 16.11 | 24.206 | 32.5783102 | 16.23 | 21.2809 |
| 32.3795833 | 16.03 | 21.8054 | 32.4790046 | 16.09 | 23.1938 | 32.5784259 | 16.22 | 21.0922 |
| 32.3796991 | 16 | 19.8593 | 32.4791204 | 16.1 | 24.1024 | 32.5785417 | 16.22 | 21.0633 |
| 32.3798148 | 15.97 | 19.1481 | 32.4792361 | 16.11 | 23.9978 | 32.5786574 | 16.23 | 20.4317 |
| 32.3799306 | 15.93 | 17.705 | 32.4793519 | 16.09 | 23.14 | 32.5787732 | 16.23 | 14.6636 |
| 32.3800463 | 15.98 | 20.6949 | 32.4794676 | 16.07 | 22.5516 | 32.5788889 | 16.24 | 14.5159 |
| 32.380162 | 16.01 | 21.6715 | 32.4795833 | 16.07 | 23.0887 | 32.5790046 | 16.24 | 14.6548 |
| 32.3802778 | 16.03 | 22.1123 | 32.4796991 | 16.1 | 24.3227 | 32.5791204 | 16.23 | 20.4144 |
| 32.3803935 | 16 | 19.7534 | 32.4798148 | 16.11 | 24.4878 | 32.5792361 | 16.23 | 19.8309 |
| 32.3805093 | 16.01 | 21.5586 | 32.4799306 | 16.11 | 24.7184 | 32.5793519 | 16.23 | 21.4676 |
| 32.380625 | 16.03 | 21.7272 | 32.4800463 | 16.09 | 23.3566 | 32.5794676 | 16.23 | 16.9207 |
| 32.3807407 | 15.98 | 19.6767 | 32.480162 | 16.1 | 24.1777 | 32.5795833 | 16.23 | 19.4466 |
| 32.3808565 | 16 | 21.1768 | 32.4802778 | 16.11 | 23.8063 | 32.5796991 | 16.22 | 21.5113 |
| 32.3809722 | 15.94 | 18.4813 | 32.4803935 | 16.13 | 24.7598 | 32.5798148 | 16.23 | 21.5169 |
| 32.381088 | 16.01 | 21.8782 | 32.4805093 | 16.11 | 23.3738 | 32.5799306 | 16.23 | 21.332 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3812037 | 15.98 | 20.5301 | 32.480625 | 16.11 | 24.0215 | 32.5800463 | 16.23 | 18.1778 |
| 32.3813194 | 16.03 | 21.705 | 32.4807407 | 16.11 | 24.4807 | 32.580162 | 16.24 | 14.8518 |
| 32.3814352 | 16.03 | 22.0348 | 32.4808565 | 16.11 | 24.6186 | 32.5802778 | 16.23 | 20.7426 |
| 32.3815509 | 16.01 | 21.7632 | 32.4809722 | 16.13 | 24.6525 | 32.5803935 | 16.22 | 21.1423 |
| 32.3816667 | 16.01 | 21.4959 | 32.481088 | 16.14 | 25.1066 | 32.5805093 | 16.23 | 19.1527 |
| 32.3817824 | 16 | 20.4384 | 32.4812037 | 16.13 | 24.7132 | 32.580625 | 16.23 | 20.5135 |
| 32.3818982 | 15.98 | 19.5819 | 32.4813194 | 16.14 | 24.8799 | 32.5807407 | 16.23 | 20.0706 |
| 32.3820139 | 16.01 | 21.5586 | 32.4814352 | 16.13 | 24.7239 | 32.5808565 | 16.22 | 20.7937 |
| 32.3821296 | 16 | 20.5124 | 32.4815509 | 16.13 | 24.5389 | 32.5809722 | 16.23 | 19.5204 |
| 32.3822454 | 15.98 | 19.5416 | 32.4816667 | 16.13 | 24.592 | 32.581088 | 16.23 | 21.9562 |
| 32.3823611 | 15.98 | 19.5371 | 32.4817824 | 16.13 | 24.3113 | 32.5812037 | 16.23 | 19.2307 |
| 32.3824769 | 15.98 | 20.2156 | 32.4818982 | 16.13 | 24.6703 | 32.5813194 | 16.23 | 17.7992 |
| 32.3825926 | 16 | 20.5669 | 32.4820139 | 16.14 | 24.7428 | 32.5814352 | 16.23 | 18.5091 |
| 32.3827083 | 16.01 | 21.4877 | 32.4821296 | 16.11 | 24.2819 | 32.5815509 | 16.23 | 19.8961 |
| 32.3828241 | 16.03 | 21.4254 | 32.4822454 | 16.13 | 24.1184 | 32.5816667 | 16.22 | 20.459 |
| 32.3829398 | 16 | 20.7958 | 32.4823611 | 16.13 | 24.6418 | 32.5817824 | 16.23 | 20.5935 |
| 32.3830556 | 16.03 | 21.7718 | 32.4824769 | 16.13 | 24.5991 | 32.5818982 | 16.22 | 21.6742 |
| 32.3831713 | 16.03 | 23.2446 | 32.4825926 | 16.11 | 24.3513 | 32.5820139 | 16.23 | 21.7525 |
| 32.383287 | 16.09 | 24.3844 | 32.4827083 | 16.11 | 24.4632 | 32.5821296 | 16.22 | 21.5883 |
| 32.3834028 | 16.06 | 22.4646 | 32.4828241 | 16.13 | 24.4579 | 32.5822454 | 16.22 | 21.4839 |
| 32.3835185 | 15.97 | 17.7491 | 32.4829398 | 16.11 | 23.9707 | 32.5823611 | 16.22 | 20.9587 |
| 32.3836343 | 16.04 | 22.1328 | 32.4830556 | 16.13 | 24.624 | 32.5824769 | 16.2 | 21.2166 |
| 32.38375 | 16.01 | 20.5147 | 32.4831713 | 16.11 | 24.4632 | 32.5825926 | 16.22 | 19.1899 |
| 32.3838657 | 16 | 20.5595 | 32.483287 | 16.13 | 24.5037 | 32.5827083 | 16.22 | 18.6801 |
| 32.3839815 | 15.97 | 19.3979 | 32.4834028 | 16.13 | 24.4229 | 32.5828241 | 16.22 | 18.3702 |
| 32.3840972 | 16.04 | 23.6788 | 32.4835185 | 16.13 | 24.6418 | 32.5829398 | 16.2 | 17.7296 |
| 32.384213 | 16 | 19.8964 | 32.4836343 | 16.13 | 24.4509 | 32.5830556 | 16.2 | 16.9853 |
| 32.3843287 | 15.97 | 18.9531 | 32.48375 | 16.13 | 24.5037 | 32.5831713 | 16.2 | 16.0898 |
| 32.3844444 | 15.97 | 19.0756 | 32.4838657 | 16.11 | 24.0452 | 32.583287 | 16.19 | 18.7167 |
| 32.3845602 | 15.97 | 19.0353 | 32.4839815 | 16.13 | 24.3217 | 32.5834028 | 16.19 | 19.9253 |
| 32.3846759 | 15.96 | 18.8391 | 32.4840972 | 16.11 | 23.8966 | 32.5835185 | 16.19 | 20.1408 |
| 32.3847917 | 15.96 | 19.2261 | 32.484213 | 16.11 | 24.0452 | 32.5836343 | 16.19 | 21.3722 |
| 32.3849074 | 15.96 | 18.8288 | 32.4843287 | 16.13 | 24.4439 | 32.58375 | 16.19 | 19.8067 |
| 32.3850232 | 15.97 | 18.8551 | 32.4844444 | 16.11 | 22.9221 | 32.5838657 | 16.2 | 18.7552 |
| 32.3851389 | 15.96 | 18.7158 | 32.4845602 | 16.1 | 23.2962 | 32.5839815 | 16.2 | 19.4567 |
| 32.3852546 | 15.94 | 18.1402 | 32.4846759 | 16.07 | 21.3044 | 32.5840972 | 16.19 | 20.4176 |
| 32.3853704 | 15.94 | 18.3492 | 32.4847917 | 16.04 | 20.4131 | 32.584213 | 16.2 | 19.9368 |
| 32.3854861 | 15.98 | 19.6926 | 32.4849074 | 16.09 | 22.9491 | 32.5843287 | 16.19 | 20.6846 |
| 32.3856019 | 15.94 | 17.4942 | 32.4850232 | 16.1 | 23.5059 | 32.5844444 | 16.17 | 20.492 |
| 32.3857176 | 15.94 | 18.861 | 32.4851389 | 16.1 | 23.3122 | 32.5845602 | 16.19 | 18.031 |
| 32.3858333 | 16.01 | 22.2132 | 32.4852546 | 16.1 | 23.0965 | 32.5846759 | 16.19 | 18.5659 |
| 32.3859491 | 15.96 | 17.9703 | 32.4853704 | 16.09 | 22.2532 | 32.5847917 | 16.19 | 19.1545 |
| 32.3860648 | 15.94 | 17.8249 | 32.4854861 | 16.09 | 23.0865 | 32.5849074 | 16.19 | 18.6961 |
| 32.3861806 | 15.94 | 17.6842 | 32.4856019 | 16.09 | 22.749 | 32.5850232 | 16.19 | 18.7455 |
| 32.3862963 | 15.93 | 17.5074 | 32.4857176 | 16.07 | 21.9985 | 32.5851389 | 16.19 | 19.1891 |
| 32.386412 | 15.97 | 19.9067 | 32.4858333 | 16.11 | 24.1031 | 32.5852546 | 16.19 | 18.196 |
| 32.3865278 | 15.94 | 17.6661 | 32.4859491 | 16.1 | 23.2229 | 32.5853704 | 16.19 | 17.8934 |
| 32.3866435 | 15.97 | 18.6886 | 32.4860648 | 16.11 | 23.9302 | 32.5854861 | 16.19 | 19.2434 |
| 32.3867593 | 16 | 20.5893 | 32.4861806 | 16.1 | 23.1943 | 32.5856019 | 16.19 | 20.9849 |
| 32.386875 | 16 | 20.8622 | 32.4862963 | 16.11 | 24.206 | 32.5857176 | 16.19 | 20.2928 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3869907 | 16 | 20.1314 | 32.486412 | 16.09 | 22.9274 | 32.5858333 | 16.19 | 19.9253 |
| 32.3871065 | 16.01 | 21.267 | 32.4865278 | 16.11 | 24.11 | 32.5859491 | 16.19 | 20.3538 |
| 32.3872222 | 15.98 | 19.8738 | 32.4866435 | 16.09 | 22.9646 | 32.5860648 | 16.19 | 19.6803 |
| 32.387338 | 15.98 | 19.1949 | 32.4867593 | 16.09 | 22.9646 | 32.5861806 | 16.19 | 19.1891 |
| 32.3874537 | 16 | 20.3358 | 32.486875 | 16.09 | 22.8317 | 32.5862963 | 16.19 | 18.4894 |
| 32.3875694 | 16.03 | 21.7133 | 32.4869907 | 16.1 | 23.2388 | 32.586412 | 16.19 | 19.6325 |
| 32.3876852 | 16.03 | 21.6911 | 32.4871065 | 16.1 | 23.3026 | 32.5865278 | 16.19 | 19.5963 |
| 32.3878009 | 16.03 | 21.2857 | 32.4872222 | 16.1 | 23.4896 | 32.5866435 | 16.17 | 20.0721 |
| 32.3879167 | 16.01 | 21.1084 | 32.487338 | 16.1 | 23.0651 | 32.5867593 | 16.17 | 19.2356 |
| 32.3880324 | 16.03 | 21.5151 | 32.4874537 | 16.11 | 23.9876 | 32.586875 | 16.17 | 19.8166 |
| 32.3881482 | 16.06 | 22.9013 | 32.4875694 | 16.11 | 23.7099 | 32.5869907 | 16.17 | 20.2617 |
| 32.3882639 | 16.04 | 21.5561 | 32.4876852 | 16.11 | 23.6604 | 32.5871065 | 16.19 | 18.8596 |
| 32.3883796 | 16.04 | 21.8533 | 32.4878009 | 16.1 | 23.3026 | 32.5872222 | 16.17 | 19.0334 |
| 32.3884954 | 16.07 | 23.0636 | 32.4879167 | 16.1 | 23.2261 | 32.587338 | 16.19 | 19.5534 |
| 32.3886111 | 16.06 | 22.3344 | 32.4880324 | 16.11 | 23.4902 | 32.5874537 | 16.17 | 18.5934 |
| 32.3887269 | 15.97 | 19.3957 | 32.4881482 | 16.11 | 23.773 | 32.5875694 | 16.17 | 19.4913 |
| 32.3888426 | 16.04 | 22.2285 | 32.4882639 | 16.11 | 23.7 | 32.5876852 | 16.17 | 19.8699 |
| 32.3889583 | 16.01 | 20.8929 | 32.4883796 | 16.1 | 23.0556 | 32.5878009 | 16.17 | 19.0228 |
| 32.3890741 | 16.01 | 21.1953 | 32.4884954 | 16.09 | 22.5883 | 32.5879167 | 16.17 | 17.7044 |
| 32.3891898 | 16.03 | 22.1354 | 32.4886111 | 16.13 | 24.2111 | 32.5880324 | 16.17 | 17.294 |
| 32.3893056 | 15.97 | 18.8759 | 32.4887269 | 16.11 | 23.5065 | 32.5881482 | 16.17 | 17.9079 |
| 32.3894213 | 16.07 | 23.3394 | 32.4888426 | 16.11 | 24.1545 | 32.5882639 | 16.17 | 18.7838 |
| 32.389537 | 16.06 | 21.7806 | 32.4889583 | 16.13 | 24.1595 | 32.5883796 | 16.17 | 17.7612 |
| 32.3896528 | 16.09 | 23.6295 | 32.4890741 | 16.11 | 24.052 | 32.5884954 | 16.17 | 16.0612 |
| 32.3897685 | 16.03 | 20.679 | 32.4891898 | 16.13 | 23.9183 | 32.5886111 | 16.17 | 19.3847 |
| 32.3898843 | 16.03 | 21.7105 | 32.4893056 | 16.11 | 23.4125 | 32.5887269 | 16.17 | 20.252 |
| 32.39 | 16.04 | 22.0121 | 32.4894213 | 16.13 | 24.3217 | 32.5888426 | 16.17 | 20.5194 |
| 32.3901157 | 16.04 | 22.0493 | 32.489537 | 16.11 | 23.773 | 32.5889583 | 16.17 | 20.5194 |
| 32.3902315 | 16.04 | 22.1155 | 32.4896528 | 16.14 | 24.5823 | 32.5890741 | 16.17 | 20.4747 |
| 32.3903472 | 16.06 | 22.5362 | 32.4897685 | 16.14 | 24.4518 | 32.5891898 | 16.17 | 17.8389 |
| 32.390463 | 16.03 | 21.3285 | 32.4898843 | 16.13 | 24.1595 | 32.5893056 | 16.17 | 16.0208 |
| 32.3905787 | 16.03 | 20.9365 | 32.49 | 16.14 | 24.7428 | 32.5894213 | 16.16 | 19.9567 |
| 32.3906944 | 16.03 | 21.6579 | 32.4901157 | 16.16 | 25.0572 | 32.589537 | 16.17 | 19.0249 |
| 32.3908102 | 16.03 | 21.7858 | 32.4902315 | 16.17 | 25.3256 | 32.5896528 | 16.17 | 20.2157 |
| 32.3909259 | 16.03 | 21.3795 | 32.4903472 | 16.17 | 25.4045 | 32.5897685 | 16.17 | 17.0604 |
| 32.3910417 | 16.03 | 21.2404 | 32.490463 | 16.16 | 25.1124 | 32.5898843 | 16.17 | 22.4326 |
| 32.3911574 | 16.01 | 20.3065 | 32.4905787 | 16.17 | 25.3181 | 32.59 | 16.17 | 18.1317 |
| 32.3912732 | 16.03 | 21.3741 | 32.4906944 | 16.17 | 25.1764 | 32.5901157 | 16.17 | 17.1489 |
| 32.3913889 | 16.03 | 21.1715 | 32.4908102 | 16.17 | 25.5257 | 32.5902315 | 16.17 | 16.5195 |
| 32.3915046 | 16.04 | 21.7859 | 32.4909259 | 16.17 | 25.4121 | 32.5903472 | 16.17 | 17.8055 |
| 32.3916204 | 16.03 | 21.0978 | 32.4910417 | 16.19 | 25.9806 | 32.590463 | 16.17 | 20.2908 |
| 32.3917361 | 16.03 | 20.7675 | 32.4911574 | 16.16 | 24.5276 | 32.5905787 | 16.17 | 18.9319 |
| 32.3918519 | 16.01 | 20.5767 | 32.4912732 | 16.16 | 25.2945 | 32.5906944 | 16.16 | 20.6245 |
| 32.3919676 | 16 | 20.1768 | 32.4913889 | 16.16 | 24.8385 | 32.5908102 | 16.17 | 17.6752 |
| 32.3920833 | 16.03 | 20.8645 | 32.4915046 | 16.19 | 26.2223 | 32.5909259 | 16.17 | 17.5217 |
| 32.3921991 | 16.06 | 22.4082 | 32.4916204 | 16.19 | 26.5291 | 32.5910417 | 16.17 | 19.5586 |
| 32.3923148 | 16.01 | 20.1837 | 32.4917361 | 16.2 | 26.5225 | 32.5911574 | 16.17 | 17.8333 |
| 32.3924306 | 16.07 | 23.1453 | 32.4918519 | 16.2 | 26.6371 | 32.5912732 | 16.16 | 17.7841 |
| 32.3925463 | 16.04 | 21.1293 | 32.4919676 | 16.19 | 26.2302 | 32.5913889 | 16.17 | 17.4416 |
| 32.392662 | 16.03 | 21.7244 | 32.4920833 | 16.2 | 26.4614 | 32.5915046 | 16.17 | 17.6643 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3927778 | 16.07 | 22.8739 | 32.4921991 | 16.19 | 26.2103 | 32.5916204 | 16.17 | 17.4027 |
| 32.3928935 | 16.06 | 22.0383 | 32.4923148 | 16.19 | 26.1227 | 32.5917361 | 16.16 | 17.2341 |
| 32.3930093 | 16.04 | 21.2297 | 32.4924306 | 16.2 | 26.4087 | 32.5918519 | 16.16 | 16.8209 |
| 32.393125 | 16.04 | 21.6995 | 32.4925463 | 16.17 | 26.0645 | 32.5919676 | 16.17 | 17.0858 |
| 32.3932407 | 16.04 | 21.4906 | 32.492662 | 16.17 | 25.0546 | 32.5920833 | 16.17 | 17.185 |
| 32.3933565 | 16.04 | 21.4119 | 32.4927778 | 16.14 | 24.2188 | 32.5921991 | 16.17 | 16.6539 |
| 32.3934722 | 16.04 | 21.6331 | 32.4928935 | 16.14 | 24.5222 | 32.5923148 | 16.17 | 17.2679 |
| 32.393588 | 16.04 | 21.8646 | 32.4930093 | 16.03 | 15.5752 | 32.5924306 | 16.17 | 17.4362 |
| 32.3937037 | 16.09 | 23.5085 | 32.493125 | 16.11 | 24.0045 | 32.5925463 | 16.17 | 16.3842 |
| 32.3938194 | 16.07 | 22.5366 | 32.4932407 | 16.16 | 25.7313 | 32.592662 | 16.17 | 17.4185 |
| 32.3939352 | 16.03 | 21.2937 | 32.4933565 | 16.19 | 26.4884 | 32.5927778 | 16.17 | 17.385 |
| 32.3940509 | 16.09 | 23.8884 | 32.4934722 | 16.2 | 26.9025 | 32.5928935 | 16.17 | 16.4311 |
| 32.3941667 | 16.06 | 22.8028 | 32.493588 | 16.17 | 25.6594 | 32.5930093 | 16.17 | 17.1046 |
| 32.3942824 | 16.04 | 20.939 | 32.4937037 | 16.14 | 23.9831 | 32.593125 | 16.17 | 16.0014 |
| 32.3943982 | 16.07 | 22.9265 | 32.4938194 | 16.14 | 23.8351 | 32.5932407 | 16.17 | 16.8563 |
| 32.3945139 | 16.07 | 22.6964 | 32.4939352 | 16.16 | 24.7304 | 32.5933565 | 16.17 | 18.79 |
| 32.3946296 | 16.07 | 23.1453 | 32.4940509 | 16.16 | 24.4221 | 32.5934722 | 16.17 | 18.8878 |
| 32.3947454 | 16.09 | 23.6591 | 32.4941667 | 16.17 | 25.6786 | 32.593588 | 16.17 | 19.4556 |
| 32.3948611 | 16.09 | 23.9456 | 32.4942824 | 16.16 | 24.7089 | 32.5937037 | 16.17 | 18.9067 |
| 32.3949769 | 16.1 | 23.5156 | 32.4943982 | 16.16 | 25.0168 | 32.5938194 | 16.17 | 19.2835 |
| 32.3950926 | 16.07 | 22.7787 | 32.4945139 | 16.09 | 21.251 | 32.5939352 | 16.17 | 19.5384 |
| 32.3952083 | 16.09 | 23.7749 | 32.4946296 | 16.16 | 25.4562 | 32.5940509 | 16.17 | 19.6787 |
| 32.3953241 | 16.1 | 23.9059 | 32.4947454 | 16.17 | 25.5143 | 32.5941667 | 16.17 | 19.4913 |
| 32.3954398 | 16.1 | 23.7756 | 32.4948611 | 16.14 | 24.1158 | 32.5942824 | 16.17 | 19.1404 |
| 32.3955556 | 16.09 | 23.3662 | 32.4949769 | 16.11 | 22.6343 | 32.5943982 | 16.19 | 19.7055 |
| 32.3956713 | 16.07 | 22.3288 | 32.4950926 | 16.11 | 22.8788 | 32.5945139 | 16.17 | 18.6299 |
| 32.395787 | 16.06 | 21.9669 | 32.4952083 | 16.13 | 23.7777 | 32.5946296 | 16.17 | 19.5857 |
| 32.3959028 | 15.96 | 16.6304 | 32.4953241 | 16.19 | 26.5822 | 32.5947454 | 16.17 | 17.1507 |
| 32.3960185 | 16.07 | 22.4649 | 32.4954398 | 16.19 | 25.9766 | 32.5948611 | 16.17 | 18.0609 |
| 32.3961343 | 16 | 19.5587 | 32.4955556 | 16.14 | 24.3122 | 32.5949769 | 16.17 | 20.2109 |
| 32.39625 | 16.03 | 21.4389 | 32.4956713 | 16.13 | 23.6618 | 32.5950926 | 16.17 | 19.9142 |
| 32.3963657 | 16.07 | 23.0229 | 32.495787 | 16.16 | 24.7448 | 32.5952083 | 16.17 | 17.4168 |
| 32.3964815 | 16.04 | 21.8928 | 32.4959028 | 16.13 | 23.0917 | 32.5953241 | 16.17 | 17.8408 |
| 32.3965972 | 16.11 | 24.2266 | 32.4960185 | 16.13 | 23.6157 | 32.5954398 | 16.17 | 17.1012 |
| 32.396713 | 16.1 | 24.3435 | 32.4961343 | 16.16 | 25.5131 | 32.5955556 | 16.17 | 18.8128 |
| 32.3968287 | 16.1 | 23.759 | 32.49625 | 16.14 | 24.3122 | 32.5956713 | 16.17 | 17.1421 |
| 32.3969444 | 16.09 | 23.5705 | 32.4963657 | 16.14 | 23.7951 | 32.595787 | 16.19 | 15.4542 |
| 32.3970602 | 16.1 | 23.6828 | 32.4964815 | 16.13 | 23.4331 | 32.5959028 | 16.17 | 17.2592 |
| 32.3971759 | 16.1 | 23.7822 | 32.4965972 | 16.13 | 23.4493 | 32.5960185 | 16.17 | 17.415 |
| 32.3972917 | 16.09 | 23.2861 | 32.496713 | 16.16 | 25.1642 | 32.5961343 | 16.17 | 17.968 |
| 32.3974074 | 16.06 | 21.7666 | 32.4968287 | 16.16 | 24.9875 | 32.59625 | 16.17 | 18.3437 |
| 32.3975232 | 16.07 | 22.8894 | 32.4969444 | 16.16 | 24.8457 | 32.5963657 | 16.17 | 18.913 |
| 32.3976389 | 16.17 | 27.2357 | 32.4970602 | 16.14 | 24.6072 | 32.5964815 | 16.17 | 18.3635 |
| 32.3977546 | 16.17 | 26.5914 | 32.4971759 | 16.14 | 24.1672 | 32.5965972 | 16.17 | 18.101 |
| 32.3978704 | 16.16 | 26.226 | 32.4972917 | 16.16 | 24.3 | 32.596713 | 16.19 | 19.0922 |
| 32.3979861 | 16.16 | 25.639 | 32.4974074 | 16.16 | 24.5241 | 32.5968287 | 16.17 | 18.5127 |
| 32.3981019 | 16 | 19.1595 | 32.4975232 | 16.14 | 24.5293 | 32.5969444 | 16.19 | 17.5112 |
| 32.3982176 | 16.04 | 22.2343 | 32.4976389 | 16.16 | 24.8819 | 32.5970602 | 16.17 | 18.9656 |
| 32.3983333 | 16.07 | 22.9327 | 32.4977546 | 16.16 | 24.6411 | 32.5971759 | 16.19 | 11.7044 |
| 32.3984491 | 16.1 | 24.1571 | 32.4978704 | 16.16 | 24.7018 | 32.5972917 | 15.85 | 0.2756 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3985648 | 16.1 | 24.2396 | 32.4979861 | 16.17 | 25.0106 | 32.5974074 | 16.2 | 15.7733 |
| 32.3986806 | 15.98 | 17.3798 | 32.4981019 | 16.14 | 24.6784 | 32.5975232 | 16.2 | 15.8946 |
| 32.3987963 | 16.03 | 21.8785 | 32.4982176 | 16.16 | 24.4818 | 32.5976389 | 16.2 | 16.8984 |
| 32.398912 | 16.07 | 23.1264 | 32.4983333 | 16.14 | 24.5363 | 32.5977546 | 16.22 | 21.0501 |
| 32.3990278 | 16.04 | 21.5808 | 32.4984491 | 16.16 | 24.4923 | 32.5978704 | 16.22 | 16.0803 |
| 32.3991435 | 16.07 | 22.3789 | 32.4985648 | 16.14 | 24.15 | 32.5979861 | 16.14 | 16.4058 |
| 32.3992593 | 16.01 | 19.9356 | 32.4986806 | 16.16 | 24.6055 | 32.5981019 | 16.22 | 14.2954 |
| 32.399375 | 15.97 | 17.6492 | 32.4987963 | 16.16 | 24.7018 | 32.5982176 | 16.01 | 14.6691 |
| 32.3994907 | 15.96 | 17.6464 | 32.498912 | 16.17 | 25.2247 | 32.5983333 | 16.22 | 17.9118 |
| 32.3996065 | 15.96 | 18.3556 | 32.4990278 | 16.16 | 25.0719 | 32.5984491 | 16.22 | 17.9626 |
| 32.3997222 | 15.98 | 19.6089 | 32.4991435 | 16.19 | 25.2829 | 32.5985648 | 16.22 | 19.0437 |
| 32.399838 | 15.97 | 18.1323 | 32.4992593 | 16.17 | 25.1209 | 32.5986806 | 16.23 | 17.7752 |
| 32.3999537 | 15.98 | 19.2727 | 32.499375 | 16.17 | 25.1653 | 32.5987963 | 16.22 | 19.4003 |
| 32.4000694 | 15.97 | 18.2672 | 32.4994907 | 16.17 | 24.9923 | 32.598912 | 16.23 | 18.1123 |
| 32.4001852 | 16.04 | 22.1385 | 32.4996065 | 16.16 | 24.7916 | 32.5990278 | 16.23 | 16.2037 |
| 32.4003009 | 16.01 | 20.4211 | 32.4997222 | 16.16 | 24.3522 | 32.5991435 | 16.23 | 16.749 |
| 32.4004167 | 16.01 | 20.4973 | 32.499838 | 16.11 | 23.0561 | 32.5992593 | 16.22 | 17.3511 |
| 32.4005324 | 16.01 | 19.5135 | 32.4999537 | 16.14 | 23.9933 | 32.599375 | 16.23 | 16.6612 |
| 32.4006482 | 16 | 19.3132 | 32.5000694 | 16.16 | 24.8892 | 32.5994907 | 16.23 | 16.9407 |
| 32.4007639 | 16 | 19.5385 | 32.5001852 | 16.17 | 25.5447 | 32.5996065 | 16.23 | 16.4695 |
| 32.4008796 | 16.03 | 21.7746 | 32.5003009 | 16.17 | 25.5829 | 32.5997222 | 16.23 | 16.8047 |
| 32.4009954 | 16.06 | 23.1322 | 32.5004167 | 16.17 | 25.2396 | 32.599838 | 16.23 | 18.1759 |
| 32.4011111 | 16 | 20.5545 | 32.5005324 | 16.14 | 24.2775 | 32.5999537 | 16.23 | 17.9997 |
| 32.4012269 | 16.09 | 24.4719 | 32.5006482 | 16.14 | 24.5116 | 32.6000694 | 16.23 | 17.2995 |
| 32.4013426 | 16.04 | 20.6387 | 32.5007639 | 16.14 | 24.3122 | 32.6001852 | 16.24 | 16.2349 |
| 32.4014583 | 16.09 | 23.5281 | 32.5008796 | 16.17 | 24.9667 | 32.6003009 | 16.24 | 16.4213 |
| 32.4015741 | 16.1 | 23.4507 | 32.5009954 | 16.17 | 25.579 | 32.6004167 | 16.24 | 16.8931 |
| 32.4016898 | 16.04 | 22.1443 | 32.5011111 | 16.11 | 22.1954 | 32.6005324 | 16.24 | 16.2919 |
| 32.4018056 | 16.06 | 22.2086 | 32.5012269 | 16.13 | 23.4882 | 32.6006482 | 16.24 | 16.5002 |
| 32.4019213 | 16.1 | 24.4763 | 32.5013426 | 16.13 | 22.9541 | 32.6007639 | 16.24 | 17.0645 |
| 32.402037 | 16.11 | 24.3444 | 32.5014583 | 16.11 | 22.1113 | 32.6008796 | 16.24 | 16.8716 |
| 32.4021528 | 16.11 | 24.0554 | 32.5015741 | 16.16 | 25.1939 | 32.6009954 | 16.24 | 15.7316 |
| 32.4022685 | 16.13 | 25.0063 | 32.5016898 | 16.1 | 21.1873 | 32.6011111 | 16.24 | 16.354 |
| 32.4023843 | 16.11 | 24.1408 | 32.5018056 | 16.07 | 19.712 | 32.6012269 | 16.23 | 15.6592 |
| 32.4025 | 16.1 | 23.8724 | 32.5019213 | 16.11 | 22.283 | 32.6013426 | 16.23 | 14.9577 |
| 32.4026157 | 16.13 | 23.9925 | 32.502037 | 16.11 | 22.0279 | 32.6014583 | 16.23 | 17.4812 |
| 32.4027315 | 16.14 | 25.5449 | 32.5021528 | 16.1 | 22.0909 | 32.6015741 | 16.22 | 14.9115 |
| 32.4028472 | 16.14 | 25.3634 | 32.5022685 | 16.11 | 23.5554 | 32.6016898 | 16.23 | 16.5027 |
| 32.402963 | 16.16 | 25.8048 | 32.5023843 | 16.13 | 23.7511 | 32.6018056 | 16.23 | 14.7262 |
| 32.4030787 | 16.16 | 25.7545 | 32.5025 | 16.14 | 23.9358 | 32.6019213 | 16.23 | 14.8061 |
| 32.4031944 | 16.14 | 24.7034 | 32.5026157 | 16.14 | 24.2879 | 32.602037 | 16.22 | 15.3277 |
| 32.4033102 | 16.13 | 25.1572 | 32.5027315 | 16.2 | 26.5102 | 32.6021528 | 16.22 | 14.9574 |
| 32.4034259 | 16.1 | 22.3533 | 32.5028472 | 16.2 | 26.633 | 32.6022685 | 16.22 | 17.6186 |
| 32.4035417 | 16.14 | 26.2711 | 32.502963 | 16.2 | 26.592 | 32.6023843 | 16.23 | 17.883 |
| 32.4036574 | 16.17 | 26.1437 | 32.5030787 | 16.22 | 26.6855 | 32.6025 | 16.23 | 17.2925 |
| 32.4037732 | 16.16 | 26.1106 | 32.5031944 | 16.22 | 26.5296 | 32.6026157 | 16.22 | 15.2034 |
| 32.4038889 | 16.16 | 25.9687 | 32.5033102 | 16.1 | 19.7705 | 32.6027315 | 16.22 | 15.0768 |
| 32.4040046 | 16.13 | 24.681 | 32.5034259 | 16.16 | 25.0535 | 32.6028472 | 16.22 | 16.2553 |
| 32.4041204 | 16.11 | 24.7938 | 32.5035417 | 16.17 | 25.5219 | 32.602963 | 16.22 | 16.2231 |
| 32.4042361 | 16.07 | 22.1595 | 32.5036574 | 16.19 | 25.6543 | 32.6030787 | 16.22 | 15.1614 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4043519 | 16.11 | 23.9067 | 32.5037732 | 16.17 | 25.8139 | 32.6031944 | 16.22 | 14.4086 |
| 32.4044676 | 16.11 | 24.4772 | 32.5038889 | 16.19 | 26.1784 | 32.6033102 | 16.2 | 15.356 |
| 32.4045833 | 16.1 | 23.7656 | 32.5040046 | 16.17 | 24.854 | 32.6034259 | 16.2 | 14.4468 |
| 32.4046991 | 16.04 | 20.9081 | 32.5041204 | 16.14 | 23.5999 | 32.6035417 | 16.2 | 15.4671 |
| 32.4048148 | 16 | 19.2892 | 32.5042361 | 16.14 | 24.3052 | 32.6036574 | 16.22 | 14.2588 |
| 32.4049306 | 16.07 | 21.4908 | 32.5043519 | 16.11 | 21.4421 | 32.6037732 | 16.22 | 14.8163 |
| 32.4050463 | 16.09 | 23.0083 | 32.5044676 | 16.11 | 21.6173 | 32.6038889 | 16.2 | 15.0204 |
| 32.405162 | 16.11 | 24.3096 | 32.5045833 | 16.11 | 22.3624 | 32.6040046 | 16.22 | 15.1939 |
| 32.4052778 | 16.04 | 20.4401 | 32.5046991 | 16.17 | 25.845 | 32.6041204 | 16.22 | 16.3357 |
| 32.4053935 | 16.04 | 21.2112 | 32.5048148 | 16.16 | 24.5241 | 32.6042361 | 16.22 | 16.8452 |
| 32.4055093 | 16.06 | 21.8875 | 32.5049306 | 16.16 | 25.1716 | 32.6043519 | 16.2 | 15.3878 |
| 32.405625 | 16.07 | 23.1833 | 32.5050463 | 16.16 | 24.5417 | 32.6044676 | 16.22 | 17.1601 |
| 32.4057407 | 15.98 | 18.3641 | 32.505162 | 16.17 | 25.2881 | 32.6045833 | 16.2 | 16.4126 |
| 32.4058565 | 15.97 | 18.3687 | 32.5052778 | 16.16 | 24.3592 | 32.6046991 | 16.22 | 15.7669 |
| 32.4059722 | 15.98 | 19.0242 | 32.5053935 | 16.14 | 23.5051 | 32.6048148 | 16.2 | 14.9346 |
| 32.406088 | 16.09 | 24.3844 | 32.5055093 | 16.14 | 23.424 | 32.6049306 | 16.2 | 14.9163 |
| 32.4062037 | 16.03 | 21.0351 | 32.505625 | 16.17 | 25.779 | 32.6050463 | 16.22 | 15.0422 |
| 32.4063194 | 16.09 | 23.6888 | 32.5057407 | 16.19 | 26.0673 | 32.605162 | 16.22 | 15.7771 |
| 32.4064352 | 16.09 | 23.2383 | 32.5058565 | 16.2 | 26.5184 | 32.6052778 | 16.22 | 16.1635 |
| 32.4065509 | 16.09 | 23.3566 | 32.5059722 | 16.17 | 24.7566 | 32.6053935 | 16.22 | 16.3466 |
| 32.4066667 | 16.07 | 22.3406 | 32.506088 | 16.19 | 26.0633 | 32.6055093 | 16.22 | 16.4106 |
| 32.4067824 | 16.13 | 25.1831 | 32.5062037 | 16.17 | 24.9521 | 32.605625 | 16.23 | 16.46 |
| 32.4068982 | 16.14 | 24.9891 | 32.5063194 | 16.17 | 24.5356 | 32.6057407 | 16.22 | 16.8535 |
| 32.4070139 | 16.16 | 25.5283 | 32.5064352 | 16.16 | 24.9074 | 32.6058565 | 16.22 | 17.0968 |
| 32.4071296 | 16.13 | 24.0027 | 32.5065509 | 16.17 | 25.195 | 32.6059722 | 16.22 | 17.4749 |
| 32.4072454 | 16.11 | 24.3897 | 32.5066667 | 16.19 | 26.0594 | 32.606088 | 16.22 | 17.7152 |
| 32.4073611 | 16.14 | 25.4576 | 32.5067824 | 16.19 | 25.8554 | 32.6062037 | 16.22 | 17.1071 |
| 32.4074769 | 16.09 | 22.676 | 32.5068982 | 16.19 | 25.9178 | 32.6063194 | 16.22 | 17.1224 |
| 32.4075926 | 16.14 | 25.3408 | 32.5070139 | 16.2 | 26.14 | 32.6064352 | 16.22 | 16.5466 |
| 32.4077083 | 16.14 | 25.1102 | 32.5071296 | 16.19 | 25.5777 | 32.6065509 | 16.22 | 16.7876 |
| 32.4078241 | 16.1 | 22.8076 | 32.5072454 | 16.19 | 25.4069 | 32.6066667 | 16.22 | 15.8222 |
| 32.4079398 | 16.04 | 21.477 | 32.5073611 | 16.17 | 25.1876 | 32.6067824 | 16.2 | 15.8184 |
| 32.4080556 | 16.09 | 23.1243 | 32.5074769 | 16.2 | 26.0726 | 32.6068982 | 16.19 | 14.1557 |
| 32.4081713 | 16.06 | 22.1044 | 32.5075926 | 16.19 | 26.095 | 32.6070139 | 16.19 | 15.3972 |
| 32.408287 | 16.09 | 23.2002 | 32.5077083 | 16.19 | 26.3185 | 32.6071296 | 16.06 | 0.9401 |
| 32.4084028 | 16.07 | 22.5846 | 32.5078241 | 16.19 | 26.1983 | 32.6072454 | 15.9 | 0.3807 |
| 32.4085185 | 16.1 | 23.9868 | 32.5079398 | 16.19 | 26.1983 | 32.6073611 | 15.83 | 0.2431 |
| 32.4086343 | 16.13 | 24.5389 | 32.5080556 | 16.19 | 25.2643 | 32.6074769 | 15.78 | 0.2844 |
| 32.40875 | 16.13 | 25.1905 | 32.5081713 | 16.17 | 25.2396 | 32.6075926 | 16.13 | 17.6039 |
| 32.4088657 | 16.1 | 23.3732 | 32.508287 | 16.19 | 25.801 | 32.6077083 | 16.17 | 16.6506 |
| 32.4089815 | 16.13 | 24.6989 | 32.5084028 | 16.17 | 24.6029 | 32.6078241 | 16.19 | 16.4198 |
| 32.4090972 | 16.11 | 24.6684 | 32.5085185 | 16.04 | 15.6649 | 32.6079398 | 16.19 | 16.9794 |
| 32.409213 | 16.13 | 24.706 | 32.5086343 | 16.13 | 22.2836 | 32.6080556 | 16.2 | 16.4126 |
| 32.4093287 | 16.1 | 23.5156 | 32.50875 | 16.17 | 25.7828 | 32.6081713 | 16.2 | 19.3217 |
| 32.4094444 | 16.09 | 22.9398 | 32.5088657 | 16.17 | 25.2284 | 32.608287 | 16.2 | 20.4223 |
| 32.4095602 | 16.11 | 23.7963 | 32.5089815 | 16.14 | 23.0169 | 32.6084028 | 16.2 | 17.8609 |
| 32.4096759 | 16.07 | 22.1798 | 32.5090972 | 16.16 | 24.7269 | 32.6085185 | 16.2 | 18.6119 |
| 32.4097917 | 16.11 | 23.7497 | 32.509213 | 16.17 | 24.7207 | 32.6086343 | 16.2 | 17.3282 |
| 32.4099074 | 16.09 | 23.0991 | 32.5093287 | 16.16 | 24.8349 | 32.60875 | 16.2 | 18.5572 |
| 32.4100232 | 16.09 | 22.4864 | 32.5094444 | 16.14 | 24.0068 | 32.6088657 | 16.22 | 20.3483 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4101389 | 16.09 | 22.5433 | 32.5095602 | 16.16 | 24.6482 | 32.6089815 | 15.91 | 1.3287 |
| 32.4102546 | 16.11 | 23.937 | 32.5096759 | 16.16 | 24.4291 | 32.6090972 | 15.7 | 2.0157 |
| 32.4103704 | 16.1 | 23.1627 | 32.5097917 | 16.14 | 23.9493 | 32.609213 | 16.09 | 16.4107 |
| 32.4104861 | 16.1 | 23.293 | 32.5099074 | 16.14 | 23.9089 | 32.6093287 | 16.17 | 16.5195 |
| 32.4106019 | 16.16 | 26.0592 | 32.5100232 | 16.16 | 24.4466 | 32.6094444 | 16.19 | 18.4754 |
| 32.4107176 | 16.17 | 26.4569 | 32.5101389 | 16.16 | 24.5488 | 32.6095602 | 16.2 | 18.2888 |
| 32.4108333 | 16.17 | 26.5342 | 32.5102546 | 16.16 | 24.1791 | 32.6096759 | 15.88 | 1.2119 |
| 32.4109491 | 16.17 | 26.3639 | 32.5103704 | 16.16 | 24.1448 | 32.6097917 | 16.17 | 17.2992 |
| 32.4110648 | 16.14 | 25.5106 | 32.5104861 | 16.14 | 24.1912 | 32.6099074 | 16.17 | 17.2748 |
| 32.4111806 | 16.19 | 26.6355 | 32.5106019 | 16.16 | 24.2308 | 32.6100232 | 16.2 | 18.017 |
| 32.4112963 | 16.17 | 26.1995 | 32.5107176 | 16.16 | 23.961 | 32.6101389 | 16.2 | 18.529 |
| 32.411412 | 16.17 | 26.2955 | 32.5108333 | 16.1 | 20.0527 | 32.6102546 | 16.22 | 19.709 |
| 32.4115278 | 16.19 | 26.6109 | 32.5109491 | 16.14 | 23.6163 | 32.6103704 | 16.2 | 19.1973 |
| 32.4116435 | 16.19 | 26.9595 | 32.5110648 | 16.16 | 24.0118 | 32.6104861 | 16.2 | 19.4879 |
| 32.4117593 | 16.2 | 27.0538 | 32.5111806 | 16.14 | 24.0987 | 32.6106019 | 16.2 | 20.6365 |
| 32.411875 | 16.2 | 27.0834 | 32.5112963 | 16.16 | 24.3348 | 32.6107176 | 16.2 | 20.8734 |
| 32.4119907 | 16.16 | 25.0205 | 32.511412 | 16.16 | 23.8366 | 32.6108333 | 16.22 | 19.7711 |
| 32.4121065 | 16.17 | 26.1795 | 32.5115278 | 16.16 | 24.2412 | 32.6109491 | 16.2 | 19.1778 |
| 32.4122222 | 16.17 | 26.5914 | 32.5116435 | 16.16 | 24.1551 | 32.6110648 | 16.19 | 18.5135 |
| 32.412338 | 16.19 | 27.1454 | 32.5117593 | 16.16 | 24.4994 | 32.6111806 | 16.2 | 18.4888 |
| 32.4124537 | 16.2 | 27.0834 | 32.511875 | 16.16 | 24.3243 | 32.6112963 | 16.2 | 18.2536 |
| 32.4125694 | 16.2 | 27.3181 | 32.5119907 | 16.16 | 24.1208 | 32.611412 | 16.2 | 18.6261 |
| 32.4126852 | 16.2 | 27.2837 | 32.5121065 | 16.17 | 24.7926 | 32.6115278 | 16.2 | 18.6302 |
| 32.4128009 | 16.2 | 27.1386 | 32.5122222 | 16.16 | 24.7269 | 32.6116435 | 16.2 | 18.6383 |
| 32.4129167 | 16.2 | 27.1173 | 32.512338 | 16.17 | 24.7566 | 32.6117593 | 16.22 | 18.7872 |
| 32.4130324 | 16.2 | 27.2708 | 32.5124537 | 16.16 | 24.4536 | 32.611875 | 16.2 | 18.807 |
| 32.4131482 | 16.2 | 27.2837 | 32.5125694 | 16.17 | 24.2075 | 32.6119907 | 16.2 | 18.6485 |
| 32.4132639 | 16.2 | 27.2452 | 32.5126852 | 16.17 | 24.2247 | 32.6121065 | 16.2 | 18.5209 |
| 32.4133796 | 16.2 | 27.0961 | 32.5128009 | 16.16 | 24.0798 | 32.6122222 | 16.2 | 18.3339 |
| 32.4134954 | 16.2 | 27.1173 | 32.5129167 | 16.16 | 24.4186 | 32.612338 | 16.2 | 17.9753 |
| 32.4136111 | 16.19 | 27.0902 | 32.5130324 | 16.17 | 24.5179 | 32.6124537 | 16.2 | 17.7021 |
| 32.4137269 | 16.2 | 26.9234 | 32.5131482 | 16.16 | 24.666 | 32.6125694 | 16.19 | 16.9076 |
| 32.4138426 | 16.19 | 26.7138 | 32.5132639 | 16.17 | 24.9448 | 32.6126852 | 16.19 | 16.7706 |
| 32.4139583 | 16.2 | 27.1386 | 32.5133796 | 16.17 | 25.3031 | 32.6128009 | 16.19 | 17.079 |
| 32.4140741 | 16.2 | 27.1258 | 32.5134954 | 16.17 | 24.807 | 32.6129167 | 16.19 | 16.7755 |
| 32.4141898 | 16.17 | 25.2545 | 32.5136111 | 16.16 | 24.5241 | 32.6130324 | 16.19 | 16.8116 |
| 32.4143056 | 16.19 | 26.2302 | 32.5137269 | 16.17 | 24.5958 | 32.6131482 | 16.19 | 16.4198 |
| 32.4144213 | 16.19 | 25.0973 | 32.5138426 | 16.17 | 25.1727 | 32.6132639 | 16.19 | 16.6327 |
| 32.414537 | 16.16 | 25.4676 | 32.5139583 | 16.19 | 25.1416 | 32.6133796 | 16.19 | 16.6762 |
| 32.4146528 | 16.11 | 23.8296 | 32.5140741 | 16.16 | 24.7089 | 32.6134954 | 16.19 | 16.673 |
| 32.4147685 | 16.13 | 23.9587 | 32.5141898 | 16.17 | 24.8902 | 32.6136111 | 16.19 | 16.7608 |
| 32.4148843 | 16.11 | 23.6934 | 32.5143056 | 16.17 | 24.692 | 32.6137269 | 16.19 | 16.8182 |
| 32.415 | 16.14 | 25.2474 | 32.5144213 | 16.17 | 25.062 | 32.6138426 | 16.19 | 16.8495 |
| 32.4151157 | 16.09 | 23.3405 | 32.514537 | 16.17 | 24.2144 | 32.6139583 | 16.2 | 16.8934 |
| 32.4152315 | 16.14 | 25.3109 | 32.5146528 | 16.17 | 25.0252 | 32.6140741 | 16.19 | 16.9192 |
| 32.4153472 | 16.13 | 23.9216 | 32.5147685 | 16.17 | 25.2396 | 32.6141898 | 16.19 | 16.8793 |
| 32.415463 | 16.13 | 24.8934 | 32.5148843 | 16.19 | 25.3204 | 32.6143056 | 16.19 | 16.8793 |
| 32.4155787 | 16.1 | 23.5679 | 32.515 | 16.17 | 24.2247 | 32.6144213 | 16.2 | 16.9083 |
| 32.4156944 | 16.11 | 23.7166 | 32.5151157 | 16.14 | 22.8216 | 32.614537 | 16.19 | 16.966 |
| 32.4158102 | 16.11 | 23.9033 | 32.5152315 | 16.14 | 22.837 | 32.6146528 | 16.19 | 16.8843 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4159259 | 16.13 | 24.868 | 32.5153472 | 16.11 | 21.9822 | 32.6147685 | 16.19 | 16.9176 |
| 32.4160417 | 16.09 | 21.8937 | 32.515463 | 16.11 | 21.9964 | 32.6148843 | 16.19 | 16.9326 |
| 32.4161574 | 16.14 | 25.4614 | 32.5155787 | 16.13 | 23.2214 | 32.615 | 16.19 | 16.8893 |
| 32.4162732 | 16.1 | 23.5613 | 32.5156944 | 16.14 | 23.7054 | 32.6151157 | 16.19 | 16.8479 |
| 32.4163889 | 16.11 | 23.5849 | 32.5158102 | 16.14 | 23.2315 | 32.6152315 | 16.19 | 16.8034 |
| 32.4165046 | 16.11 | 24.4176 | 32.5159259 | 16.16 | 24.4888 | 32.6153472 | 16.19 | 16.769 |
| 32.4166204 | 16.13 | 24.3531 | 32.5160417 | 16.14 | 23.6855 | 32.615463 | 16.19 | 16.6214 |
| 32.4167361 | 16.09 | 22.0791 | 32.5161574 | 16.17 | 25.5143 | 32.6155787 | 16.19 | 16.5622 |
| 32.4168519 | 16.14 | 25.2996 | 32.5162732 | 16.19 | 25.3843 | 32.6156944 | 16.17 | 16.6959 |
| 32.4169676 | 16.13 | 24.4861 | 32.5163889 | 16.17 | 25.0436 | 32.6158102 | 16.19 | 16.7477 |
| 32.4170833 | 16.1 | 23.663 | 32.5165046 | 16.17 | 25.4574 | 32.6159259 | 16.19 | 16.8677 |
| 32.4171991 | 16.1 | 23.5908 | 32.5166204 | 16.17 | 24.6742 | 32.6160417 | 16.19 | 16.9593 |
| 32.4173148 | 16.09 | 23.5281 | 32.5167361 | 16.17 | 24.642 | 32.6161574 | 16.19 | 16.9878 |
| 32.4174306 | 16.13 | 24.7311 | 32.5168519 | 16.17 | 25.2956 | 32.6162732 | 16.19 | 17.0316 |
| 32.4175463 | 16.1 | 23.1595 | 32.5169676 | 16.16 | 24.0186 | 32.6163889 | 16.19 | 17.1165 |
| 32.417662 | 16.11 | 23.9437 | 32.5170833 | 16.17 | 25.1098 | 32.6165046 | 16.19 | 16.9159 |
| 32.4177778 | 16.13 | 24.6596 | 32.5171991 | 16.11 | 20.6729 | 32.6166204 | 16.19 | 16.8545 |
| 32.4178935 | 16.11 | 24.3062 | 32.5173148 | 16.07 | 19.1109 | 32.6167361 | 16.19 | 16.9142 |
| 32.4180093 | 16.14 | 24.9489 | 32.5174306 | 16.13 | 23.0071 | 32.6168519 | 16.19 | 16.9192 |
| 32.418125 | 16.14 | 25.0661 | 32.5175463 | 15.98 | 3.6463 | 32.6169676 | 16.19 | 17.1884 |
| 32.4182407 | 16.1 | 23.1785 | 32.517662 | 15.7 | 1.431 | 32.6170833 | 16.2 | 17.5265 |
| 32.4183565 | 16.11 | 24.0418 | 32.5177778 | 16.07 | 20.79 | 32.6171991 | 16.19 | 17.856 |
| 32.4184722 | 16.13 | 24.3635 | 32.5178935 | 16.1 | 21.5375 | 32.6173148 | 16.19 | 17.884 |
| 32.418588 | 16.14 | 24.8112 | 32.5180093 | 16.11 | 22.1721 | 32.6174306 | 16.19 | 17.6463 |
| 32.4187037 | 16.14 | 25.1583 | 32.518125 | 16.14 | 23.5901 | 32.6175463 | 16.19 | 17.5112 |
| 32.4188194 | 16.13 | 24.6703 | 32.5182407 | 16.2 | 25.9387 | 32.617662 | 16.19 | 18.0729 |
| 32.4189352 | 16.13 | 23.8981 | 32.5183565 | 16.2 | 26.4858 | 32.6177778 | 16.19 | 17.6645 |
| 32.4190509 | 16.11 | 23.3256 | 32.5184722 | 16.17 | 24.1559 | 32.6178935 | 16.19 | 17.2074 |
| 32.4191667 | 16.11 | 24.8407 | 32.518588 | 16.17 | 24.6207 | 32.6180093 | 16.19 | 18.1805 |
| 32.4192824 | 16.14 | 24.4308 | 32.5187037 | 16.17 | 24.5003 | 32.618125 | 16.19 | 17.4577 |
| 32.4193982 | 16.11 | 23.8296 | 32.5188194 | 16.16 | 23.7333 | 32.6182407 | 16.17 | 17.454 |
| 32.4195139 | 16.14 | 25.281 | 32.5189352 | 16.16 | 24.255 | 32.6183565 | 16.19 | 17.6482 |
| 32.4196296 | 16.13 | 24.1561 | 32.5190509 | 16.17 | 24.8178 | 32.6184722 | 16.19 | 17.6554 |
| 32.4197454 | 16.14 | 24.9053 | 32.5191667 | 16.17 | 24.4721 | 32.618588 | 16.19 | 17.8523 |
| 32.4198611 | 16.17 | 26.5669 | 32.5192824 | 16.16 | 23.7965 | 32.6187037 | 16.19 | 17.9723 |
| 32.4199769 | 16.16 | 25.6582 | 32.5193982 | 16.17 | 24.8106 | 32.6188194 | 16.2 | 17.7516 |
| 32.4200926 | 16.17 | 25.8216 | 32.5195139 | 16.17 | 24.5426 | 32.6189352 | 16.2 | 17.8218 |
| 32.4202083 | 16.13 | 23.4688 | 32.5196296 | 16.17 | 24.3705 | 32.6190509 | 16.22 | 17.9701 |
| 32.4203241 | 16.13 | 24.803 | 32.5197454 | 16.17 | 24.2593 | 32.6191667 | 16.2 | 17.7003 |
| 32.4204398 | 16.13 | 24.6774 | 32.5198611 | 16.17 | 23.7805 | 32.6192824 | 16.19 | 17.3799 |
| 32.4205556 | 16.17 | 26.653 | 32.5199769 | 16.16 | 23.7632 | 32.6193982 | 16.19 | 16.956 |
| 32.4206713 | 16.17 | 26.2074 | 32.5200926 | 16.16 | 23.8065 | 32.6195139 | 16.19 | 16.9945 |
| 32.420787 | 16.16 | 25.5511 | 32.5202083 | 16.16 | 23.1786 | 32.6196296 | 16.19 | 17.4293 |
| 32.4209028 | 16.13 | 23.8981 | 32.5203241 | 16.16 | 23.0964 | 32.6197454 | 16.2 | 17.4997 |
| 32.4210185 | 16.16 | 25.7082 | 32.5204398 | 16.14 | 22.6023 | 32.6198611 | 16.19 | 17.6029 |
| 32.4211343 | 16.14 | 24.6356 | 32.5205556 | 16.14 | 22.8524 | 32.6199769 | 16.2 | 17.5732 |
| 32.42125 | 16.13 | 24.4509 | 32.5206713 | 16.16 | 23.4511 | 32.6200926 | 16.17 | 16.1502 |
| 32.4213657 | 16.14 | 24.6001 | 32.520787 | 16.14 | 21.9914 | 32.6202083 | 16.16 | 15.9415 |
| 32.4214815 | 16.16 | 25.6237 | 32.5209028 | 16.14 | 22.0343 | 32.6203241 | 16.16 | 15.7934 |
| 32.4215972 | 16.14 | 24.2844 | 32.5210185 | 16.13 | 21.9626 | 32.6204398 | 16.14 | 15.8714 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.421713 | 16.17 | 25.6134 | 32.5211343 | 16.14 | 22.5031 | 32.6205556 | 16.16 | 16.2351 |
| 32.4218287 | 16.11 | 23.6736 | 32.52125 | 16.13 | 21.612 | 32.6206713 | 16.16 | 15.6995 |
| 32.4219444 | 16.16 | 25.574 | 32.5213657 | 16.13 | 21.2458 | 32.620787 | 16.16 | 15.7413 |
| 32.4220602 | 16.1 | 23.6795 | 32.5214815 | 16.11 | 21.0269 | 32.6209028 | 16.16 | 15.763 |
| 32.4221759 | 16.17 | 26.0172 | 32.5215972 | 16.14 | 22.9111 | 32.6210185 | 16.16 | 15.7775 |
| 32.4222917 | 16.14 | 25.1953 | 32.521713 | 16.16 | 23.7101 | 32.6211343 | 16.17 | 17.4558 |
| 32.4224074 | 16.16 | 25.6007 | 32.5218287 | 16.13 | 21.7901 | 32.62125 | 16.16 | 16.0652 |
| 32.4225232 | 16.17 | 26.3598 | 32.5219444 | 16.13 | 20.6148 | 32.6213657 | 16.16 | 15.8855 |
| 32.4226389 | 16.17 | 25.6979 | 32.5220602 | 16.1 | 19.2366 | 32.6214815 | 16.16 | 16.2183 |
| 32.4227546 | 16.16 | 25.287 | 32.5221759 | 16.09 | 18.7244 | 32.6215972 | 16.17 | 17.1626 |
| 32.4228704 | 16.16 | 25.287 | 32.5222917 | 16.13 | 21.2218 | 32.621713 | 16.17 | 17.3411 |
| 32.4229861 | 16.14 | 25.1139 | 32.5224074 | 16.14 | 21.6841 | 32.6218287 | 16.17 | 16.4926 |
| 32.4231019 | 16.17 | 26.3115 | 32.5225232 | 16.11 | 20.348 | 32.6219444 | 16.16 | 16.4967 |
| 32.4232176 | 16.19 | 26.3789 | 32.5226389 | 16.11 | 19.6332 | 32.6220602 | 16.17 | 16.6442 |
| 32.4233333 | 16.19 | 25.8515 | 32.5227546 | 16.13 | 21.0425 | 32.6221759 | 16.17 | 16.8414 |
| 32.4234491 | 16.16 | 26.1146 | 32.5228704 | 16.11 | 20.5278 | 32.6222917 | 16.19 | 17.547 |
| 32.4235648 | 16.17 | 25.6326 | 32.5229861 | 16.11 | 19.6083 | 32.6224074 | 16.19 | 17.6119 |
| 32.4236806 | 16.19 | 26.4884 | 32.5231019 | 16.1 | 19.1137 | 32.6225232 | 16.19 | 17.6355 |
| 32.4237963 | 16.19 | 26.5536 | 32.5232176 | 16.09 | 18.4697 | 32.6226389 | 16.19 | 17.6391 |
| 32.423912 | 16.14 | 25.199 | 32.5233333 | 16.13 | 22.4491 | 32.6227546 | 16.19 | 17.6482 |
| 32.4240278 | 16.09 | 22.1455 | 32.5234491 | 16.1 | 19.3921 | 32.6228704 | 16.19 | 17.7029 |
| 32.4241435 | 16.13 | 25.3735 | 32.5235648 | 16.14 | 23.9156 | 32.6229861 | 16.19 | 18.0139 |
| 32.4242593 | 16.16 | 25.6928 | 32.5236806 | 16.11 | 20.6729 | 32.6231019 | 16.17 | 18.1202 |
| 32.424375 | 16.16 | 25.3807 | 32.5237963 | 16.13 | 20.8713 | 32.6232176 | 16.17 | 18.1683 |
| 32.4244907 | 16.1 | 23.441 | 32.523912 | 16.1 | 19.0009 | 32.6233333 | 16.19 | 18.0729 |
| 32.4246065 | 16.14 | 25.6442 | 32.5240278 | 16.13 | 20.8174 | 32.6234491 | 16.17 | 16.7414 |
| 32.4247222 | 16.14 | 25.3258 | 32.5241435 | 16.11 | 21.1212 | 32.6235648 | 16.17 | 16.8332 |
| 32.424838 | 16.13 | 24.4124 | 32.5242593 | 16.14 | 22.6023 | 32.6236806 | 16.16 | 17.041 |
| 32.4249537 | 16.16 | 26.1423 | 32.524375 | 16.14 | 22.2604 | 32.6237963 | 16.16 | 16.9136 |
| 32.4250694 | 16.14 | 25.199 | 32.5244907 | 16.11 | 20.4584 | 32.623912 | 16.14 | 16.2955 |
| 32.4251852 | 16.1 | 23.207 | 32.5246065 | 16.13 | 22.0112 | 32.6240278 | 16.14 | 15.8802 |
| 32.4253009 | 16.16 | 25.8359 | 32.5247222 | 16.17 | 24.3356 | 32.6241435 | 16.16 | 15.9267 |
| 32.4254167 | 16.14 | 24.6285 | 32.524838 | 16.16 | 23.5488 | 32.6242593 | 16.14 | 15.6472 |
| 32.4255324 | 16.16 | 25.8165 | 32.5249537 | 16.16 | 23.2645 | 32.624375 | 16.16 | 15.8914 |
| 32.4256482 | 16.16 | 25.7699 | 32.5250694 | 16.16 | 24.1037 | 32.6244907 | 16.16 | 16.121 |
| 32.4257639 | 16.14 | 24.494 | 32.5251852 | 16.17 | 24.4827 | 32.6246065 | 16.16 | 16.2612 |
| 32.4258796 | 16.13 | 24.187 | 32.5253009 | 16.17 | 24.7566 | 32.6247222 | 16.17 | 16.5433 |
| 32.4259954 | 16.14 | 25.6021 | 32.5254167 | 16.16 | 23.2645 | 32.624838 | 16.17 | 17.5774 |
| 32.4261111 | 16.07 | 21.7976 | 32.5255324 | 16.14 | 22.5932 | 32.6249537 | 16.17 | 17.8352 |
| 32.4262269 | 16.1 | 23.3829 | 32.5256482 | 16.16 | 23.0493 | 32.6250694 | 16.17 | 17.4239 |
| 32.4263426 | 16.06 | 21.803 | 32.5257639 | 16.19 | 25.6159 | 32.6251852 | 16.17 | 17.3254 |
| 32.4264583 | 16.11 | 23.9673 | 32.5258796 | 16.19 | 25.3204 | 32.6253009 | 16.19 | 17.1507 |
| 32.4265741 | 16.1 | 22.6582 | 32.5259954 | 16.19 | 25.2344 | 32.6254167 | 16.17 | 17.2731 |
| 32.4266898 | 16.11 | 24.3478 | 32.5261111 | 16.17 | 24.6813 | 32.6255324 | 16.17 | 17.0553 |
| 32.4268056 | 16.14 | 24.9126 | 32.5262269 | 16.17 | 23.6546 | 32.6256482 | 16.17 | 17.1148 |
| 32.4269213 | 16.14 | 25.1768 | 32.5263426 | 16.16 | 23.7068 | 32.6257639 | 16.19 | 17.3412 |
| 32.427037 | 16.14 | 24.9489 | 32.5264583 | 16.17 | 23.9719 | 32.6258796 | 16.19 | 17.322 |
| 32.4271528 | 16.1 | 23.6137 | 32.5265741 | 16.16 | 23.5717 | 32.6259954 | 16.19 | 17.3063 |
| 32.4272685 | 16.14 | 24.7464 | 32.5266898 | 16.16 | 23.6111 | 32.6261111 | 16.19 | 17.3728 |
| 32.4273843 | 16.14 | 24.8545 | 32.5268056 | 16.14 | 22.4732 | 32.6262269 | 16.19 | 17.3676 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4275 | 16.13 | 24.6062 | 32.5269213 | 16.16 | 23.0336 | 32.6263426 | 16.19 | 17.4719 |
| 32.4276157 | 16.17 | 26.1795 | 32.527037 | 16.16 | 23.9104 | 32.6264583 | 16.19 | 17.6427 |
| 32.4277315 | 16.14 | 24.1672 | 32.5271528 | 16.16 | 23.2805 | 32.6265741 | 16.19 | 17.7856 |
| 32.4278472 | 16.11 | 24.0079 | 32.5272685 | 16.17 | 24.5003 | 32.6266898 | 16.19 | 17.8877 |
| 32.427963 | 16.13 | 24.0945 | 32.5273843 | 16.16 | 22.7489 | 32.6268056 | 16.19 | 18.3248 |
| 32.4280787 | 16.16 | 25.8709 | 32.5275 | 16.14 | 22.2809 | 32.6269213 | 16.19 | 18.3523 |
| 32.4281944 | 16.17 | 25.9818 | 32.5276157 | 16.14 | 23.2921 | 32.627037 | 16.19 | 18.2953 |
| 32.4283102 | 16.16 | 25.4184 | 32.5277315 | 16.17 | 24.6278 | 32.6271528 | 16.19 | 18.167 |
| 32.4284259 | 16.14 | 24.5011 | 32.5278472 | 16.17 | 25.397 | 32.6272685 | 16.19 | 16.787 |
| 32.4285417 | 16.14 | 24.9089 | 32.527963 | 16.17 | 24.1456 | 32.6273843 | 16.17 | 16.9193 |
| 32.4286574 | 16.14 | 24.6855 | 32.5280787 | 16.17 | 24.437 | 32.6275 | 16.17 | 18.0896 |
| 32.4287732 | 16.14 | 24.3296 | 32.5281944 | 16.17 | 23.854 | 32.6276157 | 16.17 | 17.1216 |
| 32.4288889 | 16.14 | 24.5646 | 32.5283102 | 16.17 | 24.2006 | 32.6277315 | 16.17 | 16.2926 |
| 32.4290046 | 16.14 | 24.6249 | 32.5284259 | 16.17 | 23.9449 | 32.6278472 | 16.17 | 16.0238 |
| 32.4291204 | 16.14 | 24.5788 | 32.5285417 | 16.16 | 23.043 | 32.627963 | 16.17 | 15.9687 |
| 32.4292361 | 16.16 | 24.7988 | 32.5286574 | 16.19 | 25.1416 | 32.6280787 | 16.16 | 15.9312 |
| 32.4293519 | 16.16 | 24.7376 | 32.5287732 | 16.17 | 24.0568 | 32.6281944 | 16.16 | 15.4295 |
| 32.4294676 | 16.13 | 24.6917 | 32.5288889 | 16.14 | 21.8494 | 32.6283102 | 16.16 | 15.6895 |
| 32.4295833 | 16.16 | 24.9437 | 32.5290046 | 16.14 | 21.5983 | 32.6284259 | 16.17 | 15.9835 |
| 32.4296991 | 16.14 | 24.6321 | 32.5291204 | 16.19 | 24.6333 | 32.6285417 | 16.17 | 15.4675 |
| 32.4298148 | 16.16 | 25.142 | 32.5292361 | 16.16 | 24.1894 | 32.6286574 | 16.16 | 15.2479 |
| 32.4299306 | 16.17 | 25.2024 | 32.5293519 | 16.19 | 26.387 | 32.6287732 | 16.16 | 15.2044 |
| 32.4300463 | 16.16 | 24.6126 | 32.5294676 | 16.19 | 25.8359 | 32.6288889 | 16.19 | 16.1089 |
| 32.430162 | 16.14 | 24.938 | 32.5295833 | 16.19 | 25.6696 | 32.6290046 | 16.17 | 16.9611 |
| 32.4302778 | 16.16 | 25.3996 | 32.5296991 | 16.19 | 25.4977 | 32.6291204 | 16.19 | 18.3346 |
| 32.4303935 | 16.16 | 25.1161 | 32.5298148 | 16.19 | 25.5548 | 32.6292361 | 16.19 | 17.9008 |
| 32.4305093 | 16.14 | 25.1953 | 32.5299306 | 16.2 | 25.6057 | 32.6293519 | 16.19 | 17.4134 |
| 32.430625 | 16.16 | 25.2758 | 32.5300463 | 16.19 | 24.9214 | 32.6294676 | 16.19 | 18.2816 |
| 32.4307407 | 16.14 | 25.0771 | 32.530162 | 16.16 | 22.2434 | 32.6295833 | 16.17 | 16.7447 |
| 32.4308565 | 16.14 | 24.7824 | 32.5302778 | 16.17 | 24.8431 | 32.6296991 | 16.19 | 16.8727 |
| 32.4309722 | 16.14 | 24.786 | 32.5303935 | 16.17 | 25.1431 | 32.6298148 | 16.17 | 16.931 |
| 32.431088 | 16.14 | 25.3071 | 32.5305093 | 16.19 | 25.4409 | 32.6299306 | 16.17 | 16.921 |
| 32.4312037 | 16.14 | 25.5069 | 32.530625 | 16.19 | 25.1787 | 32.6300463 | 16.17 | 16.6555 |
| 32.4313194 | 16.14 | 24.7142 | 32.5307407 | 16.19 | 25.2979 | 32.630162 | 16.17 | 17.0706 |
| 32.4314352 | 16.13 | 24.5956 | 32.5308565 | 16.19 | 25.6006 | 32.6302778 | 16.19 | 17.884 |
| 32.4315509 | 16.14 | 24.7142 | 32.5309722 | 16.16 | 23.1311 | 32.6303935 | 16.19 | 16.9042 |
| 32.4316667 | 16.13 | 24.7562 | 32.531088 | 16.17 | 24.7638 | 32.6305093 | 16.17 | 15.988 |
| 32.4317824 | 16.14 | 24.7034 | 32.5312037 | 16.17 | 25.0693 | 32.630625 | 16.17 | 16.5037 |
| 32.4318982 | 16.14 | 25.0845 | 32.5313194 | 16.19 | 25.6428 | 32.6307407 | 16.17 | 17.2402 |
| 32.4320139 | 16.13 | 23.8043 | 32.5314352 | 16.19 | 25.9139 | 32.6308565 | 16.16 | 16.2504 |
| 32.4321296 | 16.1 | 23.2197 | 32.5315509 | 16.19 | 24.6333 | 32.6309722 | 16.17 | 16.916 |
| 32.4322454 | 16.13 | 24.7742 | 32.5316667 | 16.19 | 24.9396 | 32.631088 | 16.17 | 18.2206 |
| 32.4323611 | 16.13 | 24.2145 | 32.5317824 | 16.19 | 25.4484 | 32.6312037 | 16.19 | 18.645 |
| 32.4324769 | 16.11 | 24.4667 | 32.5318982 | 16.17 | 24.8902 | 32.6313194 | 16.17 | 16.2157 |
| 32.4325926 | 16.11 | 23.6538 | 32.5320139 | 16.17 | 23.2906 | 32.6314352 | 16.17 | 18.207 |
| 32.4327083 | 16.07 | 22.5516 | 32.5321296 | 16.17 | 23.5331 | 32.6315509 | 16.19 | 18.5437 |
| 32.4328241 | 16.13 | 24.8246 | 32.5322454 | 16.14 | 22.4643 | 32.6316667 | 16.17 | 16.5784 |
| 32.4329398 | 16.11 | 23.5914 | 32.5323611 | 16.16 | 22.7948 | 32.6317824 | 16.19 | 18.8408 |
| 32.4330556 | 16.04 | 22.1068 | 32.5324769 | 16.14 | 22.2809 | 32.6318982 | 16.17 | 17.0469 |
| 32.4331713 | 16.11 | 23.8263 | 32.5325926 | 16.14 | 21.4695 | 32.6320139 | 16.16 | 15.2112 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.433287 | 16.07 | 21.9529 | 32.5327083 | 16.11 | 21.1133 | 32.6321296 | 16.17 | 17.7374 |
| 32.4334028 | 16.09 | 22.4329 | 32.5328241 | 16.11 | 19.8301 | 32.6322454 | 16.19 | 18.9773 |
| 32.4335185 | 16.07 | 21.764 | 32.5329398 | 16.11 | 19.8579 | 32.6323611 | 16.17 | 16.2571 |
| 32.4336343 | 16.09 | 22.752 | 32.5330556 | 16.13 | 20.0542 | 32.6324769 | 16.17 | 16.1018 |
| 32.43375 | 16.07 | 22.1017 | 32.5331713 | 16.13 | 21.066 | 32.6325926 | 16.17 | 17.4646 |
| 32.4338657 | 16.1 | 23.5091 | 32.533287 | 16.13 | 21.1529 | 32.6327083 | 16.17 | 16.1685 |
| 32.4339815 | 16.13 | 24.7024 | 32.5334028 | 16.11 | 20.5203 | 32.6328241 | 16.17 | 16.4815 |
| 32.4340972 | 16.14 | 25.9112 | 32.5335185 | 16.11 | 19.561 | 32.6329398 | 16.17 | 18.0628 |
| 32.434213 | 16.07 | 22.2409 | 32.5336343 | 16.1 | 18.9251 | 32.6330556 | 16.19 | 19.0027 |
| 32.4343287 | 16.14 | 25.3258 | 32.53375 | 16.1 | 18.3444 | 32.6331713 | 16.17 | 19.2967 |
| 32.4344444 | 16.13 | 24.7886 | 32.5338657 | 16.1 | 18.27 | 32.633287 | 16.17 | 18.559 |
| 32.4345602 | 16.09 | 23.118 | 32.5339815 | 16.1 | 18.3522 | 32.6334028 | 16.17 | 18.1337 |
| 32.4346759 | 16.09 | 22.9057 | 32.5340972 | 16.1 | 18.5371 | 32.6335185 | 16.17 | 18.4707 |
| 32.4347917 | 16.07 | 22.654 | 32.534213 | 16.11 | 18.9877 | 32.6336343 | 16.17 | 18.8606 |
| 32.4349074 | 16.11 | 25.0115 | 32.5343287 | 16.11 | 19.0641 | 32.63375 | 16.17 | 18.4189 |
| 32.4350232 | 16.09 | 22.6638 | 32.5344444 | 16.11 | 19.109 | 32.6338657 | 16.17 | 17.8817 |
| 32.4351389 | 16.03 | 21.5369 | 32.5345602 | 16.11 | 19.3476 | 32.6339815 | 16.17 | 17.581 |
| 32.4352546 | 16.16 | 26.7298 | 32.5346759 | 16.11 | 20.1237 | 32.6340972 | 16.17 | 17.057 |
| 32.4353704 | 16.16 | 24.5523 | 32.5347917 | 16.13 | 19.7763 | 32.634213 | 16.16 | 16.6451 |
| 32.4354861 | 16.14 | 26.1753 | 32.5349074 | 16.11 | 19.7174 | 32.6343287 | 16.16 | 16.6419 |
| 32.4356019 | 16.19 | 27.0395 | 32.5350232 | 16.13 | 20.5225 | 32.6344444 | 16.17 | 18.5067 |
| 32.4357176 | 16.2 | 27.0834 | 32.5351389 | 16.13 | 20.6701 | 32.6345602 | 16.17 | 17.2766 |
| 32.4358333 | 16.19 | 26.7056 | 32.5352546 | 16.13 | 20.7996 | 32.6346759 | 16.17 | 17.1455 |
| 32.4359491 | 16.1 | 23.7258 | 32.5353704 | 16.13 | 20.8585 | 32.6347917 | 16.16 | 17.7015 |
| 32.4360648 | 16.09 | 23.3181 | 32.5354861 | 16.13 | 20.4704 | 32.6349074 | 16.17 | 16.8069 |
| 32.4361806 | 16.13 | 24.7454 | 32.5356019 | 16.13 | 20.645 | 32.6350232 | 16.17 | 17.0013 |
| 32.4362963 | 16.13 | 25.2202 | 32.5357176 | 16.13 | 20.7817 | 32.6351389 | 16.17 | 17.5576 |
| 32.436412 | 16.07 | 22.5576 | 32.5358333 | 16.13 | 20.741 | 32.6352546 | 16.17 | 16.1079 |
| 32.4365278 | 16.06 | 22.1709 | 32.5359491 | 16.14 | 20.746 | 32.6353704 | 16.16 | 16.6887 |
| 32.4366435 | 16.09 | 23.9861 | 32.5360648 | 16.14 | 20.9202 | 32.6354861 | 16.17 | 16.0928 |
| 32.4367593 | 16.11 | 24.5795 | 32.5361806 | 16.14 | 21.0241 | 32.6356019 | 16.16 | 15.8987 |
| 32.436875 | 16.04 | 22.2372 | 32.5362963 | 16.14 | 21.1344 | 32.6357176 | 16.17 | 16.825 |
| 32.4369907 | 16.07 | 22.8216 | 32.536412 | 16.14 | 21.0739 | 32.6358333 | 16.16 | 16.4888 |
| 32.4371065 | 16.07 | 23.4943 | 32.5365278 | 16.14 | 21.1238 | 32.6359491 | 16.17 | 17.1592 |
| 32.4372222 | 16.07 | 22.8524 | 32.5366435 | 16.14 | 21.1979 | 32.6360648 | 16.17 | 16.8266 |
| 32.437338 | 16 | 21.4253 | 32.5367593 | 16.14 | 21.2218 | 32.6361806 | 16.16 | 16.1999 |
| 32.4374537 | 16.01 | 21.3821 | 32.536875 | 16.16 | 21.3262 | 32.6362963 | 16.16 | 16.1058 |
| 32.4375694 | 16.01 | 21.4714 | 32.5369907 | 16.13 | 19.7442 | 32.636412 | 16.17 | 16.5529 |
| 32.4376852 | 16.01 | 21.5368 | 32.5371065 | 16.13 | 20.7511 | 32.6365278 | 16.17 | 17.0148 |
| 32.4378009 | 16.01 | 21.447 | 32.5372222 | 16.14 | 21.1926 | 32.6366435 | 16.17 | 17.9436 |
| 32.4379167 | 16.01 | 21.6328 | 32.537338 | 16.13 | 21.2165 | 32.6367593 | 16.17 | 16.6474 |
| 32.4380324 | 16.01 | 21.3875 | 32.5374537 | 16.14 | 21.6703 | 32.636875 | 16.16 | 16.2766 |
| 32.4381482 | 15.98 | 20.7454 | 32.5375694 | 16.14 | 21.698 | 32.6369907 | 16.17 | 17.5253 |
| 32.4382639 | 15.97 | 19.7546 | 32.5376852 | 16.16 | 21.8723 | 32.6371065 | 16.17 | 17.7981 |
| 32.4383796 | 15.96 | 19.6639 | 32.5378009 | 16.14 | 20.8481 | 32.6372222 | 16.17 | 17.9229 |
| 32.4384954 | 15.97 | 20.356 | 32.5379167 | 16.14 | 20.0539 | 32.637338 | 16.16 | 17.7952 |
| 32.4386111 | 15.98 | 20.9318 | 32.5380324 | 16.16 | 21.6928 | 32.6374537 | 16.16 | 16.5046 |
| 32.4387269 | 15.96 | 19.6368 | 32.5381482 | 16.16 | 22.4114 | 32.6375694 | 16.17 | 17.6752 |
| 32.4388426 | 15.97 | 19.7912 | 32.5382639 | 16.17 | 23.9787 | 32.6376852 | 16.16 | 17.1242 |
| 32.4389583 | 15.98 | 20.9498 | 32.5383796 | 16.16 | 22.188 | 32.6378009 | 16.16 | 17.4975 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4390741 | 15.97 | 20.1204 | 32.5384954 | 16.16 | 21.497 | 32.6379167 | 16.16 | 16.9386 |
| 32.4391898 | 15.97 | 20.3341 | 32.5386111 | 16.16 | 21.5765 | 32.6380324 | 16.16 | 16.6066 |
| 32.4393056 | 16 | 22.2946 | 32.5387269 | 16.17 | 22.0782 | 32.6381482 | 16.14 | 16.2279 |
| 32.4394213 | 16.03 | 21.8672 | 32.5388426 | 16.17 | 22.2379 | 32.6382639 | 16.16 | 16.2843 |
| 32.439537 | 16 | 21.2537 | 32.5389583 | 16.16 | 21.7458 | 32.6383796 | 16.16 | 17.1635 |
| 32.4396528 | 15.98 | 20.3242 | 32.5390741 | 16.16 | 21.4997 | 32.6384954 | 16.14 | 16.6631 |
| 32.4397685 | 15.98 | 20.8012 | 32.5391898 | 16.16 | 21.8667 | 32.6386111 | 16.16 | 17.1944 |
| 32.4398843 | 16 | 21.4253 | 32.5393056 | 16.17 | 22.0839 | 32.6387269 | 16.16 | 16.5794 |
| 32.44 | 16 | 21.0014 | 32.5394213 | 16.17 | 21.7347 | 32.6388426 | 16.16 | 16.1725 |
| 32.4401157 | 15.98 | 20.7403 | 32.539537 | 16.17 | 21.5053 | 32.6389583 | 16.16 | 17.4035 |
| 32.4402315 | 16.1 | 25.0141 | 32.5396528 | 16.17 | 22.058 | 32.6390741 | 16.16 | 17.6887 |
| 32.4403472 | 16.01 | 21.2191 | 32.5397685 | 16.16 | 20.5994 | 32.6391898 | 16.16 | 16.9871 |
| 32.440463 | 16.03 | 22.6042 | 32.5398843 | 16.16 | 20.0558 | 32.6393056 | 16.16 | 16.3695 |
| 32.4405787 | 16.03 | 22.425 | 32.54 | 16.16 | 20.5594 | 32.6394213 | 16.17 | 17.7521 |
| 32.4406944 | 16.01 | 21.4145 | 32.5401157 | 16.16 | 21.294 | 32.639537 | 16.16 | 17.1789 |
| 32.4408102 | 16 | 20.8725 | 32.5402315 | 16.16 | 20.2498 | 32.6396528 | 16.16 | 18.5616 |
| 32.4409259 | 16 | 21.2245 | 32.5403472 | 16.16 | 19.7846 | 32.6397685 | 16.17 | 18.6177 |
| 32.4410417 | 16.01 | 21.8697 | 32.540463 | 16.16 | 20.5544 | 32.6398843 | 16.17 | 18.0077 |
| 32.4411574 | 16.01 | 21.3768 | 32.5405787 | 16.14 | 19.2435 | 32.64 | 16.16 | 17.762 |
| 32.4412732 | 16.01 | 21.4388 | 32.5406944 | 16.16 | 19.1086 | 32.6401157 | 16.16 | 17.6705 |
| 32.4413889 | 16.01 | 21.6328 | 32.5408102 | 16.14 | 19.8314 | 32.6402315 | 16.17 | 17.7007 |
| 32.4415046 | 16.01 | 21.4714 | 32.5409259 | 16.16 | 20.9227 | 32.6403472 | 16.16 | 17.2479 |
| 32.4416204 | 16 | 21.2351 | 32.5410417 | 16.16 | 19.4094 | 32.640463 | 16.16 | 17.616 |
| 32.4417361 | 16.01 | 21.6853 | 32.5411574 | 16.16 | 20.1775 | 32.6405787 | 16.16 | 18.3346 |
| 32.4418519 | 16.01 | 21.2803 | 32.5412732 | 16.17 | 22.3348 | 32.6406944 | 16.16 | 18.3838 |
| 32.4419676 | 16.01 | 21.6273 | 32.5413889 | 16.16 | 19.9075 | 32.6408102 | 16.16 | 18.311 |
| 32.4420833 | 16.01 | 21.4714 | 32.5415046 | 16.17 | 19.4712 | 32.6409259 | 16.16 | 17.9349 |
| 32.4421991 | 16.01 | 21.3365 | 32.5416204 | 16.16 | 19.7892 | 32.6410417 | 16.16 | 17.8452 |
| 32.4423148 | 16.01 | 21.4578 | 32.5417361 | 16.16 | 19.4494 | 32.6411574 | 16.17 | 18.326 |
| 32.4424306 | 16.01 | 21.3124 | 32.5418519 | 16.16 | 19.7409 | 32.6412732 | 16.14 | 18.3614 |
| 32.4425463 | 16 | 21.2803 | 32.5419676 | 16.16 | 19.559 | 32.6413889 | 16.16 | 17.9895 |
| 32.442662 | 16 | 20.7476 | 32.5420833 | 16.16 | 19.4138 | 32.6415046 | 16.16 | 17.5548 |
| 32.4427778 | 16 | 20.7781 | 32.5421991 | 16.16 | 19.6791 | 32.6416204 | 16.16 | 17.3297 |
| 32.4428935 | 15.97 | 20.2543 | 32.5423148 | 16.16 | 19.5052 | 32.6417361 | 16.16 | 17.7989 |
| 32.4430093 | 15.97 | 20.0212 | 32.5424306 | 16.16 | 19.4249 | 32.6418519 | 16.16 | 18.9682 |
| 32.443125 | 15.98 | 20.3412 | 32.5425463 | 16.16 | 18.9303 | 32.6419676 | 16.16 | 17.999 |
| 32.4432407 | 15.98 | 20.3242 | 32.542662 | 16.14 | 18.6195 | 32.6420833 | 16.16 | 17.1789 |
| 32.4433565 | 16 | 20.9033 | 32.5427778 | 16.14 | 19.4324 | 32.6421991 | 16.14 | 17.5277 |
| 32.4434722 | 15.98 | 21.0172 | 32.5428935 | 16.14 | 18.4148 | 32.6423148 | 16.16 | 17.4424 |
| 32.443588 | 15.98 | 20.6572 | 32.5430093 | 16.14 | 18.6053 | 32.6424306 | 16.16 | 18.5778 |
| 32.4437037 | 15.98 | 20.5822 | 32.543125 | 16.14 | 17.6158 | 32.6425463 | 16.16 | 18.9936 |
| 32.4438194 | 15.98 | 20.7707 | 32.5432407 | 16.14 | 18.2303 | 32.642662 | 16.16 | 18.1017 |
| 32.4439352 | 16 | 20.9833 | 32.5433565 | 16.14 | 17.3279 | 32.6427778 | 16.16 | 18.4813 |
| 32.4440509 | 16.01 | 21.5368 | 32.5434722 | 16.14 | 18.33 | 32.6428935 | 16.16 | 18.5354 |
| 32.4441667 | 16 | 20.6644 | 32.543588 | 16.16 | 18.5193 | 32.6430093 | 16.14 | 17.9947 |
| 32.4442824 | 15.98 | 20.5474 | 32.5437037 | 16.14 | 17.5581 | 32.643125 | 16.16 | 17.6124 |
| 32.4443982 | 16 | 20.8188 | 32.5438194 | 16.14 | 18.0706 | 32.6432407 | 16.16 | 18.2465 |
| 32.4445139 | 15.98 | 20.2276 | 32.5439352 | 16.14 | 17.8709 | 32.6433565 | 16.16 | 17.3507 |
| 32.4446296 | 15.96 | 19.8977 | 32.5440509 | 16.16 | 18.2601 | 32.6434722 | 16.16 | 17.6215 |
| 32.4447454 | 15.97 | 20.0659 | 32.5441667 | 16.16 | 17.9725 | 32.643588 | 16.17 | 18.1818 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4448611 | 15.96 | 20.3952 | 32.5442824 | 16.14 | 17.6593 | 32.6437037 | 16.16 | 17.4353 |
| 32.4449769 | 15.97 | 19.9883 | 32.5443982 | 16.14 | 17.83 | 32.6438194 | 16.14 | 17.6339 |
| 32.4450926 | 15.98 | 20.5474 | 32.5445139 | 16.16 | 17.3385 | 32.6439352 | 16.16 | 17.4743 |
| 32.4452083 | 15.98 | 20.9009 | 32.5446296 | 16.16 | 17.9801 | 32.6440509 | 16.16 | 17.4017 |
| 32.4453241 | 15.98 | 21.0797 | 32.5447454 | 16.16 | 17.8044 | 32.6441667 | 16.16 | 17.2445 |
| 32.4454398 | 15.98 | 21.2086 | 32.5448611 | 16.14 | 18.326 | 32.6442824 | 16.16 | 17.1242 |
| 32.4455556 | 15.98 | 21.1348 | 32.5449769 | 16.14 | 18.5326 | 32.6443982 | 16.16 | 17.0986 |
| 32.4456713 | 15.98 | 21.1901 | 32.5450926 | 16.16 | 18.805 | 32.6445139 | 16.16 | 17.3018 |
| 32.445787 | 15.98 | 20.9679 | 32.5452083 | 16.16 | 18.096 | 32.6446296 | 16.16 | 18.1286 |
| 32.4459028 | 15.98 | 20.9215 | 32.5453241 | 16.14 | 15.6844 | 32.6447454 | 16.14 | 17.6684 |
| 32.4460185 | 15.97 | 20.8472 | 32.5454398 | 16.14 | 16.6422 | 32.6448611 | 16.16 | 17.6796 |
| 32.4461343 | 15.97 | 20.883 | 32.5455556 | 16.14 | 17.2013 | 32.6449769 | 16.16 | 17.2479 |
| 32.44625 | 15.98 | 21.0354 | 32.5456713 | 16.14 | 17.4139 | 32.6450926 | 16.16 | 17.0901 |
| 32.4463657 | 15.98 | 21.0042 | 32.545787 | 16.14 | 16.0059 | 32.6452083 | 16.16 | 17.1652 |
| 32.4464815 | 15.98 | 21.0042 | 32.5459028 | 16.14 | 18.5146 | 32.6453241 | 16.16 | 17.2065 |
| 32.4465972 | 15.97 | 20.8293 | 32.5460185 | 16.14 | 19.0222 | 32.6454398 | 16.16 | 17.1395 |
| 32.446713 | 15.97 | 21.0094 | 32.5461343 | 16.14 | 17.7727 | 32.6455556 | 16.16 | 17.7786 |
| 32.4468287 | 15.97 | 20.9499 | 32.54625 | 16.14 | 17.9251 | 32.6456713 | 16.16 | 18.6488 |
| 32.4469444 | 15.98 | 20.9757 | 32.5463657 | 16.13 | 17.8884 | 32.645787 | 16.17 | 17.8408 |
| 32.4470602 | 15.97 | 20.9809 | 32.5464815 | 16.11 | 17.9104 | 32.6459028 | 16.16 | 17.2479 |
| 32.4471759 | 15.97 | 21.0537 | 32.5465972 | 16.11 | 18.0842 | 32.6460185 | 16.17 | 17.4044 |
| 32.4472917 | 15.97 | 21.0042 | 32.546713 | 16.13 | 18.0866 | 32.6461343 | 16.16 | 17.8937 |
| 32.4474074 | 15.97 | 20.9991 | 32.5468287 | 16.11 | 18.1647 | 32.64625 | 16.17 | 17.9775 |
| 32.4475232 | 15.97 | 21.0484 | 32.5469444 | 16.11 | 18.2072 | 32.6463657 | 16.16 | 18.229 |
| 32.4476389 | 15.98 | 21.2723 | 32.5470602 | 16.11 | 18.1397 | 32.6464815 | 16.16 | 18.7616 |
| 32.4477546 | 15.98 | 21.2086 | 32.5471759 | 16.1 | 17.9938 | 32.6465972 | 16.16 | 17.7418 |
| 32.4478704 | 15.98 | 21.0849 | 32.5472917 | 16.11 | 17.9517 | 32.646713 | 16.16 | 19.1086 |
| 32.4479861 | 15.98 | 21.0432 | 32.5474074 | 16.09 | 17.537 | 32.6468287 | 16.17 | 18.7014 |
| 32.4481019 | 15.97 | 20.9447 | 32.5475232 | 16.1 | 17.7116 | 32.6469444 | 16.16 | 17.9105 |
| 32.4482176 | 15.97 | 21.0902 | 32.5476389 | 16.1 | 17.6842 | 32.6470602 | 16.16 | 18.1209 |
| 32.4483333 | 15.98 | 21.1216 | 32.5477546 | 16.1 | 17.7537 | 32.6471759 | 16.16 | 18.8925 |
| 32.4484491 | 15.97 | 20.8523 | 32.5478704 | 16.1 | 17.7372 | 32.6472917 | 16.16 | 17.9612 |
| 32.4485648 | 15.98 | 21.4875 | 32.5479861 | 16.11 | 17.5158 | 32.6474074 | 16.16 | 18.196 |
| 32.4486806 | 15.98 | 20.8241 | 32.5481019 | 16.1 | 17.7409 | 32.6475232 | 16.17 | 18.405 |
| 32.4487963 | 15.98 | 21.3418 | 32.5482176 | 16.1 | 17.7739 | 32.6476389 | 16.16 | 19.0595 |
| 32.448912 | 15.98 | 21.5066 | 32.5483333 | 16.11 | 17.4606 | 32.6477546 | 16.16 | 18.3306 |
| 32.4490278 | 15.98 | 21.0172 | 32.5484491 | 16.11 | 17.7126 | 32.6478704 | 16.16 | 18.0027 |
| 32.4491435 | 15.98 | 20.5922 | 32.5485648 | 16.11 | 17.709 | 32.6479861 | 16.16 | 17.9405 |
| 32.4492593 | 15.97 | 20.3341 | 32.5486806 | 16.11 | 17.7474 | 32.6481019 | 16.16 | 17.8007 |
| 32.449375 | 15.97 | 20.1537 | 32.5487963 | 16.11 | 17.8397 | 32.6482176 | 16.16 | 17.5584 |
| 32.4494907 | 15.97 | 20.3172 | 32.548912 | 16.11 | 17.6326 | 32.6483333 | 16.16 | 17.9537 |
| 32.4496065 | 16 | 21.5476 | 32.5490278 | 16.11 | 18.109 | 32.6484491 | 16.16 | 18.4017 |
| 32.4497222 | 16 | 21.3929 | 32.5491435 | 16.11 | 17.7934 | 32.6485648 | 16.16 | 18.2524 |
| 32.449838 | 15.98 | 20.9266 | 32.5492593 | 16.11 | 17.6816 | 32.6486806 | 16.14 | 18.1916 |
| 32.4499537 | 16.01 | 22.1841 | 32.549375 | 16.11 | 17.9067 | 32.6487963 | 16.16 | 17.8081 |
| 32.4500694 | 15.96 | 19.4203 | 32.5494907 | 16.11 | 17.6399 | 32.648912 | 16.16 | 17.6142 |
| 32.4501852 | 16 | 21.3552 | 32.5496065 | 16.13 | 18.1865 | 32.6490278 | 16.16 | 17.7657 |
| 32.4503009 | 16 | 21.4632 | 32.5497222 | 16.13 | 18.2738 | 32.6491435 | 16.16 | 18.2348 |
| 32.4504167 | 16.01 | 21.4388 | 32.549838 | 16.13 | 17.8716 | 32.6492593 | 16.16 | 18.5274 |
| 32.4505324 | 16 | 21.4388 | 32.5499537 | 16.13 | 17.7569 | 32.649375 | 16.16 | 18.3306 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4506482 | 15.98 | 19.6179 | 32.5500694 | 16.13 | 18.1595 | 32.6494907 | 16.16 | 17.9443 |
| 32.4507639 | 15.97 | 20.0494 | 32.5501852 | 16.13 | 18.3937 | 32.6496065 | 16.16 | 18.0331 |
| 32.4508796 | 16 | 20.8494 | 32.5503009 | 16.13 | 18.4612 | 32.6497222 | 16.14 | 17.9626 |
| 32.4509954 | 15.96 | 19.361 | 32.5504167 | 16.13 | 18.4075 | 32.649838 | 16.14 | 17.9495 |
| 32.4511111 | 15.97 | 20.5228 | 32.5505324 | 16.13 | 19.5422 | 32.6499537 | 16.16 | 18.1651 |
| 32.4512269 | 15.87 | 14.4841 | 32.5506482 | 16.13 | 18.1749 | 32.6500694 | 16.16 | 18.4235 |
| 32.4513426 | 15.96 | 19.6821 | 32.5507639 | 16.13 | 18.7591 | 32.6501852 | 16.16 | 18.7369 |
| 32.4514583 | 15.98 | 21.4306 | 32.5508796 | 16.13 | 18.7695 | 32.6503009 | 16.14 | 17.6303 |
| 32.4515741 | 16.01 | 21.5888 | 32.5509954 | 16.13 | 18.8482 | 32.6504167 | 16.13 | 17.3217 |
| 32.4516898 | 16.01 | 22.2045 | 32.5511111 | 16.13 | 18.616 | | | |

DrEx 107

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 32.3714352 | 15.84 | 14.4032 | 32.4720139 | 15.84 | 1.0324 | 32.5725926 | 16.2 | 20.1634 |
| 32.3715509 | 15.84 | 12.915 | 32.4721296 | 15.91 | 12.029 | 32.5727083 | 16.2 | 19.9081 |
| 32.3716667 | 15.73 | 5.4872 | 32.4722454 | 15.93 | 14.7307 | 32.5728241 | 16.22 | 19.5649 |
| 32.3717824 | 15.74 | 6.4821 | 32.4723611 | 15.89 | 0.897 | 32.5729398 | 16.28 | 16.5163 |
| 32.3718982 | 15.73 | 5.2104 | 32.4724769 | 15.83 | 0.9785 | 32.5730556 | 16.23 | 18.5164 |
| 32.3720139 | 15.71 | 5.4201 | 32.4725926 | 15.83 | 1.0104 | 32.5731713 | 16.22 | 19.9763 |
| 32.3721296 | 15.84 | 15.5726 | 32.4727083 | 15.99 | 16.3781 | 32.573287 | 16.2 | 19.9401 |
| 32.3722454 | 15.83 | 14.1155 | 32.4728241 | 16.1 | 21.5923 | 32.5734028 | 16.23 | 18.9077 |
| 32.3723611 | 15.87 | 15.4352 | 32.4729398 | 16.06 | 18.5815 | 32.5735185 | 16.22 | 19.6461 |
| 32.3724769 | 15.7 | 4.0708 | 32.4730556 | 16.09 | 19.7139 | 32.5736343 | 16.22 | 21.1614 |
| 32.3725926 | 15.68 | 3.3673 | 32.4731713 | 16.1 | 20.746 | 32.57375 | 16.22 | 20.7779 |
| 32.3727083 | 15.68 | 3.864 | 32.473287 | 16.1 | 20.9512 | 32.5738657 | 16.26 | 16.9171 |
| 32.3728241 | 15.68 | 3.3002 | 32.4734028 | 16.1 | 21.3474 | 32.5739815 | 16.26 | 17.6681 |
| 32.3729398 | 15.67 | 2.6063 | 32.4735185 | 16.09 | 19.1258 | 32.5740972 | 16.22 | 20.3338 |
| 32.3730556 | 15.7 | 4.0191 | 32.4736343 | 16.1 | 20.5367 | 32.574213 | 16.2 | 20.9212 |
| 32.3731713 | 15.71 | 5.4144 | 32.47375 | 16.1 | 20.2097 | 32.5743287 | 16.23 | 18.9237 |
| 32.373287 | 15.7 | 4.016 | 32.4738657 | 16.09 | 19.8692 | 32.5744444 | 16.22 | 20.5435 |
| 32.3734028 | 15.71 | 4.8171 | 32.4739815 | 16.1 | 21.4832 | 32.5745602 | 16.22 | 20.1883 |
| 32.3735185 | 15.71 | 5.1527 | 32.4740972 | 16.1 | 20.5111 | 32.5746759 | 16.25 | 18.0547 |
| 32.3736343 | 15.7 | 4.0952 | 32.474213 | 16.1 | 20.2159 | 32.5747917 | 16.26 | 17.4384 |
| 32.37375 | 15.68 | 3.628 | 32.4743287 | 16.1 | 22.2528 | 32.5749074 | 16.25 | 19.7899 |
| 32.3738657 | 15.74 | 6.2082 | 32.4744444 | 16.1 | 20.4011 | 32.5750232 | 16.26 | 18.394 |
| 32.3739815 | 15.73 | 6.4721 | 32.4745602 | 16.1 | 21.2204 | 32.5751389 | 16.22 | 20.7122 |
| 32.3740972 | 15.84 | 12.6861 | 32.4746759 | 16.1 | 20.9512 | 32.5752546 | 16.25 | 18.8715 |
| 32.374213 | 15.97 | 18.8512 | 32.4747917 | 16.1 | 21.2434 | 32.5753704 | 16.23 | 19.2075 |
| 32.3743287 | 15.81 | 9.179 | 32.4749074 | 16.1 | 21.6209 | 32.5754861 | 16.23 | 20.4935 |
| 32.3744444 | 16.02 | 21.6691 | 32.4750232 | 16.16 | 24.294 | 32.5756019 | 16.22 | 20.8176 |
| 32.3745602 | 16.04 | 21.9673 | 32.4751389 | 16.12 | 21.7764 | 32.5757176 | 16.25 | 16.4401 |
| 32.3746759 | 16.09 | 22.3376 | 32.4752546 | 16.12 | 21.8668 | 32.5758333 | 16.25 | 17.5508 |
| 32.3747917 | 15.97 | 14.1493 | 32.4753704 | 16.1 | 21.609 | 32.5759491 | 16.25 | 15.8903 |
| 32.3749074 | 15.8 | 6.8356 | 32.4754861 | 16.13 | 23.4578 | 32.5760648 | 16.26 | 17.9567 |
| 32.3750232 | 16 | 21.1049 | 32.4756019 | 16.16 | 23.9304 | 32.5761806 | 16.25 | 17.4852 |
| 32.3751389 | 16 | 20.3246 | 32.4757176 | 16.09 | 17.543 | 32.5762963 | 16.25 | 18.7267 |
| 32.3752546 | 16.1 | 23.052 | 32.4758333 | 16.15 | 23.9603 | 32.576412 | 16.25 | 18.3868 |
| 32.3753704 | 16.12 | 25.2841 | 32.4759491 | 16.12 | 22.0925 | 32.5765278 | 16.26 | 15.7754 |
| 32.3754861 | 16.13 | 25.4899 | 32.4760648 | 16.1 | 21.2572 | 32.5766435 | 16.25 | 18.2897 |
| 32.3756019 | 15.97 | 17.7779 | 32.4761806 | 16.1 | 21.7122 | 32.5767593 | 16.25 | 19.4794 |
| 32.3757176 | 16.04 | 20.6018 | 32.4762963 | 16.12 | 22.7531 | 32.576875 | 16.25 | 18.1084 |
| 32.3758333 | 15.97 | 17.6494 | 32.476412 | 16.13 | 23.4492 | 32.5769907 | 16.25 | 19.8494 |
| 32.3759491 | 15.97 | 17.4352 | 32.4765278 | 16.13 | 23.212 | 32.5771065 | 16.23 | 20.7859 |
| 32.3760648 | 15.96 | 16.8551 | 32.4766435 | 16.1 | 21.3544 | 32.5772222 | 16.23 | 19.7781 |
| 32.3761806 | 15.93 | 15.4255 | 32.4767593 | 16.12 | 21.6077 | 32.577338 | 16.23 | 17.5198 |
| 32.3762963 | 15.93 | 15.3754 | 32.476875 | 16.1 | 21.2044 | 32.5774537 | 16.28 | 13.0797 |
| 32.376412 | 15.93 | 15.1018 | 32.4769907 | 16.13 | 23.435 | 32.5775694 | 16.25 | 17.5646 |
| 32.3765278 | 15.96 | 17.7839 | 32.4771065 | 16.13 | 22.641 | 32.5776852 | 16.25 | 19.8494 |
| 32.3766435 | 15.89 | 12.0521 | 32.4772222 | 16.1 | 21.5163 | 32.5778009 | 16.25 | 20.8064 |
| 32.3767593 | 15.9 | 14.5268 | 32.477338 | 16.1 | 21.5971 | 32.5779167 | 16.25 | 20.6815 |
| 32.376875 | 15.81 | 9.4943 | 32.4774537 | 16.13 | 22.8199 | 32.5780324 | 16.25 | 21.1045 |
| 32.3769907 | 15.83 | 10.3628 | 32.4775694 | 16.16 | 23.5665 | 32.5781482 | 16.25 | 20.8108 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3771065 | 15.75 | 4.7499 | 32.4776852 | 16.13 | 22.8495 | 32.5782639 | 16.26 | 20.2634 |
| 32.3772222 | 15.77 | 4.3989 | 32.4778009 | 16.13 | 22.5514 | 32.5783796 | 16.25 | 18.3297 |
| 32.377338 | 15.78 | 9.6771 | 32.4779167 | 16.12 | 22.0325 | 32.5784954 | 16.25 | 21.1273 |
| 32.3774537 | 15.81 | 10.1899 | 32.4780324 | 16.1 | 21.4832 | 32.5786111 | 16.26 | 19.9947 |
| 32.3775694 | 15.78 | 8.7725 | 32.4781482 | 16.13 | 22.6861 | 32.5787269 | 16.25 | 20.1814 |
| 32.3776852 | 15.74 | 5.6268 | 32.4782639 | 16.12 | 21.8963 | 32.5788426 | 16.25 | 20.0139 |
| 32.3778009 | 15.7 | 3.5193 | 32.4783796 | 16.13 | 22.604 | 32.5789583 | 16.25 | 21.2768 |
| 32.3779167 | 15.75 | 7.3492 | 32.4784954 | 16.13 | 22.6781 | 32.5790741 | 16.25 | 19.9393 |
| 32.3780324 | 15.74 | 6.7089 | 32.4786111 | 16.13 | 22.7074 | 32.5791898 | 16.25 | 20.085 |
| 32.3781482 | 15.74 | 5.8019 | 32.4787269 | 16.15 | 22.9903 | 32.5793056 | 16.26 | 17.7633 |
| 32.3782639 | 15.71 | 3.6768 | 32.4788426 | 16.13 | 22.203 | 32.5794213 | 16.26 | 18.8437 |
| 32.3783796 | 15.87 | 14.8986 | 32.4789583 | 16.12 | 22.2773 | 32.579537 | 16.26 | 18.5797 |
| 32.3784954 | 15.77 | 8.4964 | 32.4790741 | 16.12 | 22.3106 | 32.5796528 | 16.26 | 17.8595 |
| 32.3786111 | 15.81 | 10.534 | 32.4791898 | 16.12 | 22.2467 | 32.5797685 | 16.26 | 17.9263 |
| 32.3787269 | 15.77 | 8.125 | 32.4793056 | 16.12 | 22.4786 | 32.5798843 | 16.26 | 17.3511 |
| 32.3788426 | 15.81 | 10.6236 | 32.4794213 | 16.13 | 23.2204 | 32.58 | 16.26 | 17.0464 |
| 32.3789583 | 15.8 | 9.6246 | 32.479537 | 16.15 | 23.3806 | 32.5801157 | 16.26 | 16.8432 |
| 32.3790741 | 15.83 | 10.2336 | 32.4796528 | 16.15 | 23.3607 | 32.5802315 | 16.26 | 16.8914 |
| 32.3791898 | 15.87 | 13.4105 | 32.4797685 | 16.13 | 23.3498 | 32.5803472 | 16.26 | 16.9729 |
| 32.3793056 | 15.83 | 11.1746 | 32.4798843 | 16.13 | 22.341 | 32.580463 | 16.28 | 16.2986 |
| 32.3794213 | 15.91 | 16.5177 | 32.48 | 16.13 | 22.1929 | 32.5805787 | 16.28 | 15.881 |
| 32.379537 | 16.03 | 20.3114 | 32.4801157 | 16.12 | 22.4162 | 32.5806944 | 16.26 | 17.4293 |
| 32.3796528 | 16.07 | 22.2491 | 32.4802315 | 16.12 | 22.2238 | 32.5808102 | 16.26 | 17.8357 |
| 32.3797685 | 15.99 | 18.1937 | 32.4803472 | 16.13 | 22.5698 | 32.5809259 | 16.26 | 17.9199 |
| 32.3798843 | 15.9 | 14.0997 | 32.480463 | 16.13 | 22.8955 | 32.5810417 | 16.25 | 18.8537 |
| 32.38 | 15.99 | 19.3361 | 32.4805787 | 16.16 | 23.8887 | 32.5811574 | 16.25 | 18.5362 |
| 32.3801157 | 16.09 | 22.9674 | 32.4806944 | 16.13 | 22.6755 | 32.5812732 | 16.26 | 17.8215 |
| 32.3802315 | 16.1 | 23.6193 | 32.4808102 | 16.13 | 23.4749 | 32.5813889 | 16.25 | 18.79 |
| 32.3803472 | 15.97 | 16.8989 | 32.4809259 | 16.15 | 23.4289 | 32.5815046 | 16.25 | 18.7741 |
| 32.380463 | 16 | 19.5556 | 32.4810417 | 16.12 | 22.4214 | 32.5816204 | 16.22 | 21.4755 |
| 32.3805787 | 16.1 | 22.6872 | 32.4811574 | 16.13 | 23.4578 | 32.5817361 | 16.25 | 19.2758 |
| 32.3806944 | 16 | 18.4009 | 32.4812732 | 16.13 | 23.1508 | 32.5818519 | 16.25 | 17.8323 |
| 32.3808102 | 16.02 | 19.4264 | 32.4813889 | 16.13 | 23.7033 | 32.5819676 | 16.2 | 21.9363 |
| 32.3809259 | 16.02 | 19.6263 | 32.4815046 | 16.13 | 23.0375 | 32.5820833 | 16.22 | 21.6761 |
| 32.3810417 | 15.97 | 17.6018 | 32.4816204 | 16.13 | 22.7554 | 32.5821991 | 16.23 | 19.4587 |
| 32.3811574 | 16.03 | 20.5258 | 32.4817361 | 16.16 | 24.0866 | 32.5823148 | 16.22 | 20.9063 |
| 32.3812732 | 15.96 | 15.9337 | 32.4818519 | 16.12 | 21.7425 | 32.5824306 | 16.25 | 19.2238 |
| 32.3813889 | 15.97 | 17.8279 | 32.4819676 | 16.1 | 20.5602 | 32.5825463 | 16.25 | 19.3169 |
| 32.3815046 | 15.97 | 16.8805 | 32.4820833 | 16.13 | 23.5151 | 32.582662 | 16.22 | 21.1477 |
| 32.3816204 | 15.9 | 14.8021 | 32.4821991 | 16.17 | 24.3373 | 32.5827778 | 16.23 | 19.1559 |
| 32.3817361 | 15.94 | 16.1244 | 32.4823148 | 16.12 | 21.5411 | 32.5828935 | 16.23 | 19.4283 |
| 32.3818519 | 15.93 | 16.1232 | 32.4824306 | 16.15 | 23.1586 | 32.5830093 | 16.2 | 22.4597 |
| 32.3819676 | 15.93 | 15.4574 | 32.4825463 | 16.16 | 24.0926 | 32.583125 | 16.23 | 19.2167 |
| 32.3820833 | 15.99 | 18.5016 | 32.482662 | 16.16 | 23.7206 | 32.5832407 | 16.23 | 19.0155 |
| 32.3821991 | 15.9 | 12.7629 | 32.4827778 | 16.19 | 24.7689 | 32.5833565 | 16.26 | 16.798 |
| 32.3823148 | 16 | 19.823 | 32.4828935 | 16.15 | 23.1503 | 32.5834722 | 16.25 | 17.5202 |
| 32.3824306 | 15.86 | 10.1144 | 32.4830093 | 16.16 | 23.5262 | 32.583588 | 16.23 | 17.8238 |
| 32.3825463 | 15.91 | 15.315 | 32.483125 | 16.15 | 23.2564 | 32.5837037 | 16.22 | 19.384 |
| 32.382662 | 15.86 | 12.3919 | 32.4832407 | 16.13 | 22.4599 | 32.5838194 | 16.28 | 12.1661 |
| 32.3827778 | 15.89 | 11.3981 | 32.4833565 | 16.13 | 22.8495 | 32.5839352 | 16.23 | 18.106 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3828935 | 15.84 | 10.5651 | 32.4834722 | 16.12 | 22.075 | 32.5840509 | 16.23 | 22.5187 |
| 32.3830093 | 15.99 | 19.2933 | 32.483588 | 16.15 | 23.5205 | 32.5841667 | 16.22 | 22.3499 |
| 32.383125 | 15.86 | 10.3323 | 32.4837037 | 16.13 | 22.6198 | 32.5842824 | 16.22 | 22.1836 |
| 32.3832407 | 15.77 | 6.5704 | 32.4838194 | 16.13 | 22.8091 | 32.5843982 | 16.2 | 22.8258 |
| 32.3833565 | 15.97 | 18.323 | 32.4839352 | 16.17 | 24.0775 | 32.5845139 | 16.19 | 23.6096 |
| 32.3834722 | 16.02 | 19.7076 | 32.4840509 | 16.12 | 21.8889 | 32.5846296 | 16.2 | 22.8123 |
| 32.383588 | 15.87 | 11.8709 | 32.4841667 | 16.15 | 23.262 | 32.5847454 | 16.22 | 19.5822 |
| 32.3837037 | 15.89 | 12.6578 | 32.4842824 | 16.12 | 22.2722 | 32.5848611 | 16.25 | 16.4523 |
| 32.3838194 | 15.93 | 15.1939 | 32.4843982 | 16.15 | 23.6623 | 32.5849769 | 16.23 | 17.6922 |
| 32.3839352 | 15.99 | 19.203 | 32.4845139 | 16.12 | 21.7594 | 32.5850926 | 16.23 | 20.0239 |
| 32.3840509 | 15.99 | 17.9963 | 32.4846296 | 16.12 | 22.0525 | 32.5852083 | 16.25 | 16.0794 |
| 32.3841667 | 15.97 | 18.5142 | 32.4847454 | 16.13 | 22.882 | 32.5853241 | 16.28 | 14.1176 |
| 32.3842824 | 15.84 | 11.6382 | 32.4848611 | 16.13 | 22.2233 | 32.5854398 | 16.25 | 18.3214 |
| 32.3843982 | 15.97 | 18.802 | 32.4849769 | 16.15 | 23.3863 | 32.5855556 | 16.23 | 21.7142 |
| 32.3845139 | 15.99 | 18.6278 | 32.4850926 | 16.13 | 22.836 | 32.5856713 | 16.22 | 19.2996 |
| 32.3846296 | 15.94 | 15.6654 | 32.4852083 | 16.13 | 22.8226 | 32.585787 | 16.3 | 10.0837 |
| 32.3847454 | 15.96 | 16.7961 | 32.4853241 | 16.15 | 23.671 | 32.5859028 | 16.25 | 18.0208 |
| 32.3848611 | 15.97 | 15.9105 | 32.4854398 | 16.13 | 22.8091 | 32.5860185 | 16.25 | 18.69 |
| 32.3849769 | 16 | 19.4436 | 32.4855556 | 16.13 | 22.9554 | 32.5861343 | 16.23 | 17.9638 |
| 32.3850926 | 16.03 | 20.7911 | 32.4856713 | 16.15 | 23.5062 | 32.58625 | 16.25 | 16.9628 |
| 32.3852083 | 16.02 | 20.028 | 32.485787 | 16.15 | 23.1753 | 32.5863657 | 16.26 | 13.6634 |
| 32.3853241 | 16.03 | 20.4369 | 32.4859028 | 16.12 | 22.4162 | 32.5864815 | 16.25 | 16.7909 |
| 32.3854398 | 16.02 | 19.5096 | 32.4860185 | 16.13 | 22.9881 | 32.5865972 | 16.25 | 18.4222 |
| 32.3855556 | 16.02 | 19.3439 | 32.4861343 | 16.13 | 22.8874 | 32.586713 | 16.23 | 19.1945 |
| 32.3856713 | 15.96 | 16.6433 | 32.48625 | 16.13 | 22.8172 | 32.5868287 | 16.23 | 20.9167 |
| 32.385787 | 16.04 | 21.095 | 32.4863657 | 16.13 | 22.0395 | 32.5869444 | 16.26 | 16.2215 |
| 32.3859028 | 16.03 | 19.8951 | 32.4864815 | 16.12 | 21.7352 | 32.5870602 | 16.23 | 21.0176 |
| 32.3860185 | 15.9 | 11.9669 | 32.4865972 | 16.1 | 21.4644 | 32.5871759 | 16.23 | 20.9906 |
| 32.3861343 | 16 | 18.0335 | 32.486713 | 16.12 | 22.095 | 32.5872917 | 16.25 | 18.7337 |
| 32.38625 | 15.94 | 16.4349 | 32.4868287 | 16.2 | 25.585 | 32.5874074 | 16.26 | 16.9443 |
| 32.3863657 | 15.93 | 15.5796 | 32.4869444 | 16.2 | 25.6468 | 32.5875232 | 16.25 | 17.4367 |
| 32.3864815 | 15.99 | 17.6883 | 32.4870602 | 16.2 | 25.6193 | 32.5876389 | 16.28 | 15.2536 |
| 32.3865972 | 16.07 | 21.6109 | 32.4871759 | 16.19 | 24.5465 | 32.5877546 | 16.28 | 13.0484 |
| 32.386713 | 16.02 | 19.3701 | 32.4872917 | 16.16 | 23.5262 | 32.5878704 | 16.28 | 15.4785 |
| 32.3868287 | 16.1 | 22.6739 | 32.4874074 | 16.16 | 23.3889 | 32.5879861 | 16.28 | 10.6311 |
| 32.3869444 | 15.97 | 14.1782 | 32.4875232 | 16.19 | 24.3066 | 32.5881019 | 16.28 | 13.2887 |
| 32.3870602 | 16 | 19.3573 | 32.4876389 | 16.19 | 24.8075 | 32.5882176 | 16.29 | 8.8907 |
| 32.3871759 | 16.04 | 20.619 | 32.4877546 | 16.19 | 24.9271 | 32.5883333 | 16.28 | 10.1789 |
| 32.3872917 | 16.06 | 21.1457 | 32.4878704 | 16.19 | 24.8236 | 32.5884491 | 16.26 | 15.8416 |
| 32.3874074 | 16.02 | 18.8013 | 32.4879861 | 16.16 | 23.2254 | 32.5885648 | 16.28 | 14.9821 |
| 32.3875232 | 16.04 | 21.1699 | 32.4881019 | 16.16 | 22.9955 | 32.5886806 | 16.28 | 15.9299 |
| 32.3876389 | 16.03 | 19.9548 | 32.4882176 | 16.13 | 22.5016 | 32.5887963 | 16.26 | 16.2056 |
| 32.3877546 | 15.96 | 15.6401 | 32.4883333 | 16.13 | 22.2896 | 32.588912 | 16.26 | 17.4278 |
| 32.3878704 | 15.94 | 15.5237 | 32.4884491 | 16.17 | 24.0594 | 32.5890278 | 16.26 | 15.0894 |
| 32.3879861 | 15.93 | 14.762 | 32.4885648 | 16.15 | 22.6138 | 32.5891435 | 16.26 | 16.26 |
| 32.3881019 | 15.97 | 17.5683 | 32.4886806 | 16.12 | 21.6893 | 32.5892593 | 16.25 | 17.826 |
| 32.3882176 | 15.8 | 7.4527 | 32.4887963 | 16.17 | 24.7397 | 32.589375 | 16.26 | 17.4233 |
| 32.3883333 | 15.96 | 17.0142 | 32.488912 | 16.17 | 24.8877 | 32.5894907 | 16.26 | 15.0525 |
| 32.3884491 | 15.77 | 5.6005 | 32.4890278 | 16.17 | 24.5651 | 32.5896065 | 16.25 | 19.7309 |
| 32.3885648 | 15.91 | 15.8782 | 32.4891435 | 16.19 | 24.7561 | 32.5897222 | 16.25 | 17.2232 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3886806 | 15.91 | 14.4981 | 32.4892593 | 16.13 | 21.8173 | 32.589838 | 16.26 | 17.4157 |
| 32.3887963 | 15.91 | 14.7149 | 32.489375 | 16.13 | 22.027 | 32.5899537 | 16.26 | 15.4443 |
| 32.388912 | 15.93 | 16.0542 | 32.4894907 | 16.13 | 21.7249 | 32.5900694 | 16.28 | 13.6479 |
| 32.3890278 | 15.78 | 6.4272 | 32.4896065 | 16.13 | 22.2106 | 32.5901852 | 16.26 | 14.5628 |
| 32.3891435 | 15.77 | 6.2225 | 32.4897222 | 16.13 | 22.082 | 32.5903009 | 16.26 | 18.3704 |
| 32.3892593 | 15.93 | 16.8621 | 32.489838 | 16.13 | 22.2335 | 32.5904167 | 16.28 | 13.8865 |
| 32.389375 | 15.81 | 7.2376 | 32.4899537 | 16.12 | 22.0275 | 32.5905324 | 16.28 | 15.1309 |
| 32.3894907 | 15.78 | 6.7991 | 32.4900694 | 16.1 | 19.6005 | 32.5906482 | 16.26 | 19.5897 |
| 32.3896065 | 15.78 | 7.3019 | 32.4901852 | 16.1 | 19.5296 | 32.5907639 | 16.26 | 16.1068 |
| 32.3897222 | 15.8 | 11.6558 | 32.4903009 | 16.12 | 21.7062 | 32.5908796 | 16.26 | 16.9071 |
| 32.389838 | 15.8 | 8.0026 | 32.4904167 | 16.12 | 21.6653 | 32.5909954 | 16.26 | 16.1173 |
| 32.3899537 | 15.81 | 8.5466 | 32.4905324 | 16.12 | 21.4302 | 32.5911111 | 16.26 | 16.1225 |
| 32.3900694 | 15.93 | 16.3251 | 32.4906482 | 16.12 | 21.9135 | 32.5912269 | 16.28 | 15.1369 |
| 32.3901852 | 15.87 | 9.7712 | 32.4907639 | 16.15 | 23.5753 | 32.5913426 | 16.28 | 14.9881 |
| 32.3903009 | 15.9 | 14.3748 | 32.4908796 | 16.17 | 24.6283 | 32.5914583 | 16.26 | 15.372 |
| 32.3904167 | 15.97 | 17.8232 | 32.4909954 | 16.19 | 24.9597 | 32.5915741 | 16.28 | 14.827 |
| 32.3905324 | 15.97 | 13.9702 | 32.4911111 | 16.16 | 22.5581 | 32.5916898 | 16.28 | 13.2476 |
| 32.3906482 | 16.03 | 19.9328 | 32.4912269 | 16.13 | 21.827 | 32.5918056 | 16.28 | 13.3839 |
| 32.3907639 | 15.91 | 13.032 | 32.4913426 | 16.13 | 21.3175 | 32.5919213 | 16.28 | 13.6458 |
| 32.3908796 | 15.97 | 17.1224 | 32.4914583 | 16.2 | 25.3608 | 32.592037 | 16.26 | 15.3512 |
| 32.3909954 | 15.89 | 12.1155 | 32.4915741 | 16.2 | 25.3844 | 32.5921528 | 16.26 | 15.3915 |
| 32.3911111 | 15.94 | 17.32 | 32.4916898 | 16.19 | 24.6604 | 32.5922685 | 16.26 | 15.5556 |
| 32.3912269 | 16.03 | 21.7769 | 32.4918056 | 16.22 | 25.7899 | 32.5923843 | 16.28 | 13.5985 |
| 32.3913426 | 15.97 | 18.5159 | 32.4919213 | 16.22 | 25.8668 | 32.5925 | 16.28 | 10.8568 |
| 32.3914583 | 16.03 | 19.8713 | 32.492037 | 16.2 | 25.1075 | 32.5926157 | 16.28 | 13.9467 |
| 32.3915741 | 15.99 | 17.9088 | 32.4921528 | 16.15 | 22.7574 | 32.5927315 | 16.26 | 18.8029 |
| 32.3916898 | 16.02 | 20.0704 | 32.4922685 | 16.17 | 23.7763 | 32.5928472 | 16.28 | 13.2023 |
| 32.3918056 | 16 | 18.0255 | 32.4923843 | 16.19 | 24.1169 | 32.592963 | 16.29 | 10.2445 |
| 32.3919213 | 16.02 | 20.781 | 32.4925 | 16.17 | 23.6913 | 32.5930787 | 16.28 | 12.2033 |
| 32.392037 | 15.97 | 15.8594 | 32.4926157 | 16.19 | 24.3158 | 32.5931944 | 16.28 | 13.2128 |
| 32.3921528 | 15.93 | 14.909 | 32.4927315 | 16.2 | 24.8884 | 32.5933102 | 16.28 | 13.3808 |
| 32.3922685 | 16.03 | 18.6006 | 32.4928472 | 16.2 | 25.4283 | 32.5934259 | 16.26 | 14.087 |
| 32.3923843 | 16.02 | 19.6881 | 32.492963 | 16.19 | 23.9602 | 32.5935417 | 16.28 | 13.69 |
| 32.3925 | 15.97 | 17.5181 | 32.4930787 | 16.16 | 23.2058 | 32.5936574 | 16.26 | 15.2576 |
| 32.3926157 | 15.9 | 12.8582 | 32.4931944 | 16.16 | 23.1863 | 32.5937732 | 16.26 | 14.789 |
| 32.3927315 | 15.97 | 17.7281 | 32.4933102 | 16.2 | 24.9762 | 32.5938889 | 16.26 | 17.4915 |
| 32.3928472 | 15.99 | 18.3788 | 32.4934259 | 16.19 | 24.6954 | 32.5940046 | 16.26 | 19.232 |
| 32.392963 | 15.99 | 17.2836 | 32.4935417 | 16.17 | 24.1138 | 32.5941204 | 16.26 | 19.5109 |
| 32.3930787 | 15.99 | 18.5508 | 32.4936574 | 16.19 | 24.356 | 32.5942361 | 16.25 | 18.79 |
| 32.3931944 | 16 | 18.4783 | 32.4937732 | 16.19 | 24.3746 | 32.5943519 | 16.25 | 19.9433 |
| 32.3933102 | 15.99 | 17.383 | 32.4938889 | 16.2 | 25.4012 | 32.5944676 | 16.26 | 16.9701 |
| 32.3934259 | 15.99 | 17.2467 | 32.4940046 | 16.2 | 24.3345 | 32.5945833 | 16.26 | 14.8123 |
| 32.3935417 | 16 | 18.9237 | 32.4941204 | 16.15 | 22.3401 | 32.5946991 | 16.26 | 16.4035 |
| 32.3936574 | 15.99 | 17.7487 | 32.4942361 | 16.17 | 23.1082 | 32.5948148 | 16.26 | 16.7811 |
| 32.3937732 | 15.99 | 17.7705 | 32.4943519 | 16.17 | 24.2143 | 32.5949306 | 16.26 | 15.608 |
| 32.3938889 | 15.94 | 16.0281 | 32.4944676 | 16.19 | 24.4806 | 32.5950463 | 16.28 | 14.4666 |
| 32.3940046 | 16.03 | 20.0512 | 32.4945833 | 16.17 | 23.7822 | 32.595162 | 16.28 | 13.4562 |
| 32.3941204 | 16.04 | 20.3021 | 32.4946991 | 16.19 | 23.9184 | 32.5952778 | 16.26 | 13.6893 |
| 32.3942361 | 16.02 | 18.8171 | 32.4948148 | 16.19 | 24.5749 | 32.5953935 | 16.28 | 13.236 |
| 32.3943519 | 16.03 | 20.1039 | 32.4949306 | 16.2 | 24.8723 | 32.5955093 | 16.28 | 15.1297 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3944676 | 15.93 | 14.8353 | 32.4950463 | 16.19 | 24.4649 | 32.595625 | 16.28 | 13.782 |
| 32.3945833 | 15.96 | 14.6746 | 32.495162 | 16.15 | 21.8504 | 32.5957407 | 16.28 | 13.7365 |
| 32.3946991 | 15.99 | 18.1708 | 32.4952778 | 16.13 | 22.3204 | 32.5958565 | 16.28 | 13.6469 |
| 32.3948148 | 16 | 18.706 | 32.4953935 | 16.19 | 24.5938 | 32.5959722 | 16.28 | 13.8538 |
| 32.3949306 | 15.99 | 18.3288 | 32.4955093 | 16.16 | 22.5502 | 32.596088 | 16.28 | 13.5674 |
| 32.3950463 | 16.02 | 19.8072 | 32.495625 | 16.19 | 24.4712 | 32.5962037 | 16.28 | 13.8016 |
| 32.395162 | 16 | 19.1215 | 32.4957407 | 16.1 | 14.4214 | 32.5963194 | 16.28 | 13.1383 |
| 32.3952778 | 16.04 | 20.9515 | 32.4958565 | 16.09 | 13.1544 | 32.5964352 | 16.28 | 13.4989 |
| 32.3953935 | 16 | 18.1875 | 32.4959722 | 16.1 | 18.1518 | 32.5965509 | 16.28 | 15.4157 |
| 32.3955093 | 16 | 18.163 | 32.496088 | 16.07 | 13.1957 | 32.5966667 | 16.28 | 13.7462 |
| 32.395625 | 16.07 | 22.1101 | 32.4962037 | 16.04 | 12.011 | 32.5967824 | 16.28 | 13.7473 |
| 32.3957407 | 16.03 | 19.9848 | 32.4963194 | 16.03 | 1.2763 | 32.5968982 | 16.29 | 14.1208 |
| 32.3958565 | 16.02 | 18.4185 | 32.4964352 | 16.04 | 12.9107 | 32.5970139 | 16.28 | 14.4371 |
| 32.3959722 | 15.94 | 16.5053 | 32.4965509 | 16.04 | 13.5199 | 32.5971296 | 16.28 | 14.7572 |
| 32.396088 | 16.02 | 19.9758 | 32.4966667 | 16.02 | 1.0203 | 32.5972454 | 16.28 | 14.6301 |
| 32.3962037 | 16.1 | 22.8532 | 32.4967824 | 15.93 | 1.1983 | 32.5973611 | 16.28 | 15.0712 |
| 32.3963194 | 16.09 | 21.0935 | 32.4968982 | 16 | 1.0975 | 32.5974769 | 16.28 | 15.7637 |
| 32.3964352 | 16.03 | 19.2907 | 32.4970139 | 16.04 | 14.0924 | 32.5975926 | 16.28 | 15.9157 |
| 32.3965509 | 16.04 | 20.5611 | 32.4971296 | 16.09 | 16.9905 | 32.5977083 | 16.28 | 14.7398 |
| 32.3966667 | 16.04 | 20.1702 | 32.4972454 | 16.13 | 22.1071 | 32.5978241 | 16.28 | 13.8418 |
| 32.3967824 | 15.97 | 16.4293 | 32.4973611 | 16.22 | 25.9477 | 32.5979398 | 16.28 | 13.6889 |
| 32.3968982 | 16 | 18.6317 | 32.4974769 | 16.19 | 23.7409 | 32.5980556 | 16.28 | 14.1432 |
| 32.3970139 | 16.04 | 19.8485 | 32.4975926 | 16.15 | 20.5559 | 32.5981713 | 16.28 | 15.3937 |
| 32.3971296 | 16.03 | 19.9708 | 32.4977083 | 16.15 | 21.2467 | 32.598287 | 16.28 | 13.5599 |
| 32.3972454 | 15.97 | 16.9031 | 32.4978241 | 16.15 | 21.226 | 32.5984028 | 16.29 | 13.487 |
| 32.3973611 | 15.94 | 13.9994 | 32.4979398 | 16.19 | 24.126 | 32.5985185 | 16.28 | 13.7008 |
| 32.3974769 | 15.97 | 16.5541 | 32.4980556 | 16.22 | 25.6581 | 32.5986343 | 16.28 | 13.6393 |
| 32.3975926 | 15.96 | 15.944 | 32.4981713 | 16.22 | 25.291 | 32.59875 | 16.28 | 13.5384 |
| 32.3977083 | 15.94 | 15.5237 | 32.498287 | 16.19 | 23.0057 | 32.5988657 | 16.29 | 13.6489 |
| 32.3978241 | 15.96 | 16.3355 | 32.4984028 | 16.17 | 23.228 | 32.5989815 | 16.28 | 14.0226 |
| 32.3979398 | 15.9 | 13.998 | 32.4985185 | 16.19 | 23.1884 | 32.5990972 | 16.28 | 13.88 |
| 32.3980556 | 15.91 | 14.6193 | 32.4986343 | 16.16 | 21.6316 | 32.599213 | 16.29 | 13.7775 |
| 32.3981713 | 15.91 | 14.1228 | 32.49875 | 16.2 | 24.1382 | 32.5993287 | 16.29 | 12.5647 |
| 32.398287 | 15.89 | 13.2151 | 32.4988657 | 16.2 | 24.6574 | 32.5994444 | 16.29 | 12.8366 |
| 32.3984028 | 15.89 | 14.5624 | 32.4989815 | 16.22 | 25.3885 | 32.5995602 | 16.29 | 12.964 |
| 32.3985185 | 15.96 | 14.858 | 32.4990972 | 16.22 | 25.4902 | 32.5996759 | 16.29 | 12.9391 |
| 32.3986343 | 15.89 | 11.3383 | 32.499213 | 16.23 | 25.559 | 32.5997917 | 16.26 | 11.8033 |
| 32.39875 | 15.94 | 14.9948 | 32.4993287 | 16.22 | 24.6133 | 32.5999074 | 16.2 | 7.9851 |
| 32.3988657 | 15.83 | 9.6669 | 32.4994444 | 16.22 | 25.0785 | 32.6000232 | 16.23 | 10.2776 |
| 32.3989815 | 15.99 | 18.8877 | 32.4995602 | 16.23 | 25.78 | 32.6001389 | 15.86 | 0.541 |
| 32.3990972 | 16.07 | 22.0451 | 32.4996759 | 16.19 | 22.5386 | 32.6002546 | 16.1 | 4.4758 |
| 32.399213 | 16.03 | 18.9988 | 32.4997917 | 16.16 | 21.3807 | 32.6003704 | 15.75 | 0.3995 |
| 32.3993287 | 15.94 | 14.7513 | 32.4999074 | 16.22 | 25.9724 | 32.6004861 | 15.58 | 0.2836 |
| 32.3994444 | 16.1 | 23.8268 | 32.5000232 | 16.25 | 26.3874 | 32.6006019 | 16.15 | 9.0525 |
| 32.3995602 | 15.97 | 15.9362 | 32.5001389 | 16.22 | 24.0958 | 32.6007176 | 15.67 | 0.5446 |
| 32.3996759 | 16.02 | 19.1246 | 32.5002546 | 16.19 | 23.0552 | 32.6008333 | 15.44 | 0.3866 |
| 32.3997917 | 16.04 | 20.325 | 32.5003704 | 16.16 | 20.7302 | 32.6009491 | 16.1 | 7.3379 |
| 32.3999074 | 15.99 | 18.6244 | 32.5004861 | 16.16 | 21.5933 | 32.6010648 | 15.99 | 0.6778 |
| 32.4000232 | 16.03 | 19.06 | 32.5006019 | 16.16 | 20.96 | 32.6011806 | 15.8 | 0.6011 |
| 32.4001389 | 16.03 | 19.7513 | 32.5007176 | 16.17 | 22.8916 | 32.6012963 | 16.17 | 10.1657 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4002546 | 16.04 | 20.7728 | 32.5008333 | 16.19 | 23.0552 | 32.601412 | 16.2 | 10.4658 |
| 32.4003704 | 16.07 | 21.0139 | 32.5009491 | 16.15 | 21.1095 | 32.6015278 | 16.09 | 0.8027 |
| 32.4004861 | 16.06 | 20.7297 | 32.5010648 | 16.16 | 21.4087 | 32.6016435 | 15.67 | 0.9709 |
| 32.4006019 | 16.09 | 21.8123 | 32.5011806 | 16.17 | 22.7193 | 32.6017593 | 15.52 | 0.5201 |
| 32.4007176 | 16.1 | 23.0796 | 32.5012963 | 16.17 | 22.621 | 32.601875 | 16.2 | 12.6881 |
| 32.4008333 | 16.06 | 19.553 | 32.501412 | 16.2 | 24.5372 | 32.6019907 | 15.87 | 0.5392 |
| 32.4009491 | 16.1 | 22.65 | 32.5015278 | 16.16 | 21.8058 | 32.6021065 | 16.19 | 14.6952 |
| 32.4010648 | 16.1 | 23.0054 | 32.5016435 | 16.17 | 21.9429 | 32.6022222 | 15.78 | 0.5705 |
| 32.4011806 | 16.09 | 20.8345 | 32.5017593 | 16.19 | 23.6415 | 32.602338 | 15.58 | 0.6161 |
| 32.4012963 | 16.07 | 21.7189 | 32.501875 | 16.17 | 22.1378 | 32.6024537 | 15.91 | 11.5152 |
| 32.401412 | 16.1 | 21.9072 | 32.5019907 | 16.19 | 23.1022 | 32.6025694 | 16.17 | 12.1804 |
| 32.4015278 | 16.1 | 22.9019 | 32.5021065 | 16.17 | 22.5446 | 32.6026852 | 16.22 | 14.9774 |
| 32.4016435 | 16.1 | 23.1793 | 32.5022222 | 16.17 | 22.1859 | 32.6028009 | 16.22 | 13.9204 |
| 32.4017593 | 16.1 | 21.6473 | 32.502338 | 16.16 | 22.0329 | 32.6029167 | 16.22 | 12.2769 |
| 32.401875 | 16.1 | 22.3732 | 32.5024537 | 16.17 | 22.2546 | 32.6030324 | 16.25 | 15.0812 |
| 32.4019907 | 16.09 | 21.9004 | 32.5025694 | 16.19 | 23.0304 | 32.6031482 | 16.22 | 11.4763 |
| 32.4021065 | 16.1 | 22.8128 | 32.5026852 | 16.17 | 22.7434 | 32.6032639 | 16.23 | 14.1775 |
| 32.4022222 | 16.09 | 21.6863 | 32.5028009 | 16.16 | 21.5338 | 32.6033796 | 16.23 | 10.8934 |
| 32.402338 | 16.1 | 21.705 | 32.5029167 | 16.2 | 24.8206 | 32.6034954 | 16.23 | 10.5979 |
| 32.4024537 | 16.02 | 16.7179 | 32.5030324 | 16.2 | 24.0927 | 32.6036111 | 16.25 | 10.7456 |
| 32.4025694 | 16.02 | 18.916 | 32.5031482 | 16.2 | 23.7496 | 32.6037269 | 16.25 | 10.7218 |
| 32.4026852 | 16.03 | 18.9113 | 32.5032639 | 16.17 | 23.111 | 32.6038426 | 16.23 | 10.0075 |
| 32.4028009 | 16.03 | 19.1728 | 32.5033796 | 16.2 | 23.8381 | 32.6039583 | 16.23 | 11.076 |
| 32.4029167 | 16 | 18.9862 | 32.5034954 | 16.17 | 22.3675 | 32.6040741 | 16.25 | 10.7018 |
| 32.4030324 | 16.03 | 20.2081 | 32.5036111 | 16.19 | 23.5806 | 32.6041898 | 16.23 | 9.9733 |
| 32.4031482 | 16.09 | 21.7879 | 32.5037269 | 16.17 | 21.9009 | 32.6043056 | 16.23 | 9.6619 |
| 32.4032639 | 16 | 17.294 | 32.5038426 | 16.16 | 21.5671 | 32.6044213 | 16.23 | 9.8074 |
| 32.4033796 | 16.02 | 18.8965 | 32.5039583 | 16.17 | 22.6554 | 32.604537 | 16.23 | 9.6947 |
| 32.4034954 | 16.09 | 21.3505 | 32.5040741 | 16.19 | 24.0504 | 32.6046528 | 16.23 | 9.6117 |
| 32.4036111 | 15.99 | 16.7765 | 32.5041898 | 16.2 | 23.8441 | 32.6047685 | 16.23 | 10.0864 |
| 32.4037269 | 15.96 | 15.7821 | 32.5043056 | 16.19 | 23.4769 | 32.6048843 | 16.23 | 10.3563 |
| 32.4038426 | 15.96 | 15.926 | 32.5044213 | 16.17 | 23.0282 | 32.605 | 16.23 | 10.316 |
| 32.4039583 | 16 | 18.1532 | 32.504537 | 16.19 | 23.5546 | 32.6051157 | 16.23 | 9.9354 |
| 32.4040741 | 16.02 | 18.6672 | 32.5046528 | 16.22 | 24.954 | 32.6052315 | 16.23 | 10.5373 |
| 32.4041898 | 16.02 | 19.0811 | 32.5047685 | 16.19 | 23.6561 | 32.6053472 | 16.25 | 10.4792 |
| 32.4043056 | 16.1 | 23.294 | 32.5048843 | 16.2 | 24.0022 | 32.605463 | 16.23 | 10.4561 |
| 32.4044213 | 16.1 | 22.5055 | 32.505 | 16.19 | 23.4626 | 32.6055787 | 16.23 | 10.4128 |
| 32.404537 | 16.1 | 23.1848 | 32.5051157 | 16.2 | 23.7467 | 32.6056944 | 16.23 | 10.6805 |
| 32.4046528 | 16.07 | 20.4185 | 32.5052315 | 16.2 | 23.785 | 32.6058102 | 16.23 | 10.8264 |
| 32.4047685 | 16.04 | 19.908 | 32.5053472 | 16.2 | 24.6606 | 32.6059259 | 16.23 | 10.9154 |
| 32.4048843 | 16.03 | 19.1472 | 32.505463 | 16.2 | 24.2759 | 32.6060417 | 16.25 | 10.7361 |
| 32.405 | 16.06 | 20.7712 | 32.5055787 | 16.17 | 21.6694 | 32.6061574 | 16.23 | 10.5846 |
| 32.4051157 | 16.1 | 22.041 | 32.5056944 | 16.19 | 23.8441 | 32.6062732 | 16.23 | 10.3949 |
| 32.4052315 | 16.12 | 24.4329 | 32.5058102 | 16.2 | 24.0715 | 32.6063889 | 16.23 | 10.8531 |
| 32.4053472 | 16.1 | 23.5817 | 32.5059259 | 16.22 | 24.9703 | 32.6065046 | 16.25 | 11.4785 |
| 32.405463 | 16.1 | 22.6131 | 32.5060417 | 16.22 | 25.0686 | 32.6066204 | 16.25 | 12.107 |
| 32.4055787 | 16.1 | 22.4742 | 32.5061574 | 16.19 | 23.0635 | 32.6067361 | 16.25 | 12.7525 |
| 32.4056944 | 16.1 | 21.5994 | 32.5062732 | 16.15 | 20.203 | 32.6068519 | 16.25 | 12.4316 |
| 32.4058102 | 16.1 | 22.4404 | 32.5063889 | 16.22 | 25.4732 | 32.6069676 | 16.25 | 11.9094 |
| 32.4059259 | 16.1 | 22.9781 | 32.5065046 | 16.22 | 25.1909 | 32.6070833 | 16.23 | 10.9932 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4060417 | 16.1 | 22.7913 | 32.5066204 | 16.19 | 22.3925 | 32.6071991 | 16.23 | 10.8464 |
| 32.4061574 | 16.09 | 21.3435 | 32.5067361 | 16.19 | 23.8678 | 32.6073148 | 16.23 | 11.2366 |
| 32.4062732 | 16.09 | 21.7346 | 32.5068519 | 16.22 | 24.8792 | 32.6074306 | 16.25 | 10.9445 |
| 32.4063889 | 16.1 | 22.8667 | 32.5069676 | 16.22 | 24.7696 | 32.6075463 | 16.23 | 10.9327 |
| 32.4065046 | 16.1 | 22.0735 | 32.5070833 | 16.2 | 24.6828 | 32.607662 | 16.25 | 10.8678 |
| 32.4066204 | 16.12 | 23.3584 | 32.5071991 | 16.23 | 25.4397 | 32.6077778 | 16.25 | 12.078 |
| 32.4067361 | 16.12 | 23.2879 | 32.5073148 | 16.2 | 24.7339 | 32.6078935 | 16.26 | 14.0793 |
| 32.4068519 | 16.1 | 23.3137 | 32.5074306 | 16.22 | 24.5061 | 32.6080093 | 16.28 | 14.1376 |
| 32.4069676 | 16.12 | 23.7209 | 32.5075463 | 16.22 | 24.954 | 32.608125 | 16.28 | 14.1776 |
| 32.4070833 | 16.12 | 23.7561 | 32.507662 | 16.2 | 23.9363 | 32.6082407 | 16.26 | 13.8204 |
| 32.4071991 | 16.15 | 24.2356 | 32.5077778 | 16.22 | 25.2509 | 32.6083565 | 16.26 | 13.2352 |
| 32.4073148 | 16.13 | 24.0172 | 32.5078935 | 16.19 | 22.6123 | 32.6084722 | 16.28 | 14.1077 |
| 32.4074306 | 16.12 | 23.619 | 32.5080093 | 16.22 | 24.8792 | 32.608588 | 16.28 | 13.7625 |
| 32.4075463 | 16.12 | 23.4408 | 32.508125 | 16.2 | 24.0564 | 32.6087037 | 16.26 | 13.5313 |
| 32.407662 | 16.13 | 23.8829 | 32.5082407 | 16.19 | 22.185 | 32.6088194 | 16.28 | 14.0877 |
| 32.4077778 | 16.15 | 24.5963 | 32.5083565 | 16.16 | 21.6604 | 32.6089352 | 16.28 | 14.2189 |
| 32.4078935 | 16.13 | 24.1714 | 32.5084722 | 16.16 | 21.7425 | 32.6090509 | 16.28 | 13.2908 |
| 32.4080093 | 16.13 | 23.9603 | 32.508588 | 16.15 | 21.1482 | 32.6091667 | 16.28 | 14.2122 |
| 32.408125 | 16.12 | 23.4694 | 32.5087037 | 16.15 | 21.1277 | 32.6092824 | 16.26 | 13.0007 |
| 32.4082407 | 16.1 | 22.9236 | 32.5088194 | 16.17 | 22.2291 | 32.6093982 | 16.25 | 12.3718 |
| 32.4083565 | 16.12 | 23.5382 | 32.5089352 | 16.19 | 24.3035 | 32.6095139 | 16.25 | 12.4266 |
| 32.4084722 | 16.1 | 23.3052 | 32.5090509 | 16.19 | 24.3282 | 32.6096296 | 16.25 | 12.2325 |
| 32.408588 | 16.13 | 23.7208 | 32.5091667 | 16.2 | 24.1595 | 32.6097454 | 16.23 | 11.8776 |
| 32.4087037 | 16.02 | 16.0453 | 32.5092824 | 16.2 | 25.045 | 32.6098611 | 16.23 | 11.5999 |
| 32.4088194 | 16.02 | 18.5301 | 32.5093982 | 16.22 | 25.3515 | 32.6099769 | 16.23 | 11.5508 |
| 32.4089352 | 16.1 | 23.356 | 32.5095139 | 16.2 | 24.4557 | 32.6100926 | 16.22 | 10.9133 |
| 32.4090509 | 16.13 | 24.2846 | 32.5096296 | 16.22 | 25.6616 | 32.6102083 | 16.23 | 12.045 |
| 32.4091667 | 16.17 | 25.9097 | 32.5097454 | 16.22 | 25.0324 | 32.6103241 | 16.22 | 11.3971 |
| 32.4092824 | 16.12 | 23.0873 | 32.5098611 | 16.19 | 23.7968 | 32.6104398 | 16.25 | 12.9208 |
| 32.4093982 | 16.07 | 19.2992 | 32.5099769 | 16.2 | 24.7084 | 32.6105556 | 16.23 | 12.1361 |
| 32.4095139 | 16.1 | 23.7974 | 32.5100926 | 16.2 | 24.7403 | 32.6106713 | 16.25 | 12.5905 |
| 32.4096296 | 16.12 | 23.6801 | 32.5102083 | 16.13 | 18.9872 | 32.610787 | 16.23 | 12.6018 |
| 32.4097454 | 16.13 | 24.0865 | 32.5103241 | 16.17 | 22.7033 | 32.6109028 | 16.25 | 12.772 |
| 32.4098611 | 16.09 | 20.3496 | 32.5104398 | 16.19 | 24.1991 | 32.6110185 | 16.25 | 12.6652 |
| 32.4099769 | 16.1 | 23.3701 | 32.5105556 | 16.16 | 21.7111 | 32.6111343 | 16.25 | 12.7648 |
| 32.4100926 | 16.1 | 23.2435 | 32.5106713 | 16.13 | 19.8731 | 32.61125 | 16.25 | 12.1953 |
| 32.4102083 | 16.1 | 21.7752 | 32.510787 | 16.19 | 23.9214 | 32.6113657 | 16.23 | 11.6836 |
| 32.4103241 | 16.17 | 25.1329 | 32.5109028 | 16.19 | 24.4431 | 32.6114815 | 16.16 | 8.2088 |
| 32.4104398 | 16.09 | 22.2202 | 32.5110185 | 16.17 | 21.9652 | 32.6115972 | 16.23 | 15.6109 |
| 32.4105556 | 16.04 | 20.6082 | 32.5111343 | 16.13 | 20.1843 | 32.611713 | 16.25 | 15.0777 |
| 32.4106713 | 16.06 | 21.1502 | 32.51125 | 16.12 | 18.931 | 32.6118287 | 15.87 | 0.4303 |
| 32.410787 | 16.13 | 22.1046 | 32.5113657 | 16.17 | 23.2926 | 32.6119444 | 16.12 | 0.5731 |
| 32.4109028 | 16.2 | 26.4058 | 32.5114815 | 16.13 | 20.2378 | 32.6120602 | 16.22 | 13.0126 |
| 32.4110185 | 16.16 | 24.81 | 32.5115972 | 16.1 | 17.8643 | 32.6121759 | 16.1 | 0.646 |
| 32.4111343 | 16.12 | 23.8208 | 32.511713 | 16.1 | 16.9348 | 32.6122917 | 15.81 | 0.4966 |
| 32.41125 | 16.1 | 22.4404 | 32.5118287 | 16.17 | 24.6315 | 32.6124074 | 15.55 | 0.54 |
| 32.4113657 | 16.13 | 23.7384 | 32.5119444 | 16.2 | 25.045 | 32.6125232 | 16.1 | 11.8306 |
| 32.4114815 | 16.1 | 22.9046 | 32.5120602 | 16.17 | 22.2853 | 32.6126389 | 16.17 | 11.3177 |
| 32.4115972 | 16.1 | 23.0027 | 32.5121759 | 16.13 | 20.1085 | 32.6127546 | 16.2 | 11.9571 |
| 32.411713 | 16.1 | 21.8483 | 32.5122917 | 16.19 | 24.0293 | 32.6128704 | 16.22 | 13.3912 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4118287 | 16.03 | 18.0731 | 32.5124074 | 16.16 | 21.6941 | 32.6129861 | 16.22 | 14.2145 |
| 32.4119444 | 16.1 | 20.7286 | 32.5125232 | 16.19 | 24.5339 | 32.6131019 | 15.99 | 0.5108 |
| 32.4120602 | 16 | 17.2057 | 32.5126389 | 16.17 | 23.2336 | 32.6132176 | 15.78 | 0.5216 |
| 32.4121759 | 16.06 | 20.3211 | 32.5127546 | 16.17 | 23.7822 | 32.6133333 | 16.2 | 14.39 |
| 32.4122917 | 16.1 | 23.7123 | 32.5128704 | 16.19 | 24.1869 | 32.6134491 | 16.22 | 12.9128 |
| 32.4124074 | 16.12 | 24.0774 | 32.5129861 | 16.17 | 21.776 | 32.6135648 | 16.22 | 13.0752 |
| 32.4125232 | 16.1 | 22.1893 | 32.5131019 | 16.17 | 22.8456 | 32.6136806 | 15.94 | 0.8517 |
| 32.4126389 | 16.13 | 23.8859 | 32.5132176 | 16.16 | 22.7947 | 32.6137963 | 16.17 | 15.2181 |
| 32.4127546 | 16.1 | 22.9753 | 32.5133333 | 16.17 | 22.0374 | 32.613912 | 16.22 | 14.2078 |
| 32.4128704 | 16.12 | 23.5959 | 32.5134491 | 16.13 | 20.3022 | 32.6140278 | 15.93 | 0.466 |
| 32.4129861 | 16.12 | 23.3048 | 32.5135648 | 16.13 | 20.0132 | 32.6141435 | 15.73 | 0.3597 |
| 32.4131019 | 16.17 | 25.2058 | 32.5136806 | 16.13 | 20.5748 | 32.6142593 | 15.64 | 0.3371 |
| 32.4132176 | 16.2 | 26.623 | 32.5137963 | 16.15 | 21.3767 | 32.614375 | 16.19 | 14.633 |
| 32.4133333 | 16.15 | 23.4204 | 32.513912 | 16.17 | 23.1721 | 32.6144907 | 16.22 | 15.0973 |
| 32.4134491 | 16.1 | 22.0735 | 32.5140278 | 16.15 | 21.365 | 32.6146065 | 16.22 | 0.5905 |
| 32.4135648 | 16.1 | 22.4274 | 32.5141435 | 16.17 | 22.2955 | 32.6147222 | 16.07 | 11.7402 |
| 32.4136806 | 16.12 | 23.8356 | 32.5142593 | 16.17 | 23.6825 | 32.614838 | 16.2 | 11.6716 |
| 32.4137963 | 16.15 | 24.1441 | 32.514375 | 16.17 | 23.4258 | 32.6149537 | 16.23 | 15.4953 |
| 32.413912 | 16.19 | 25.5708 | 32.5144907 | 16.17 | 22.4089 | 32.6150694 | 16.23 | 14.2848 |
| 32.4140278 | 16.22 | 26.4695 | 32.5146065 | 16.17 | 22.8051 | 32.6151852 | 16.22 | 12.005 |
| 32.4141435 | 16.19 | 25.6636 | 32.5147222 | 16.19 | 23.8116 | 32.6153009 | 16.25 | 19.51 |
| 32.4142593 | 16.15 | 23.7588 | 32.514838 | 16.15 | 21.87 | 32.6154167 | 16.25 | 16.0363 |
| 32.414375 | 16.1 | 22.8586 | 32.5149537 | 16.16 | 22.0454 | 32.6155324 | 16.25 | 16.0494 |
| 32.4144907 | 16.12 | 23.035 | 32.5150694 | 16.1 | 17.5325 | 32.6156482 | 16.25 | 16.2229 |
| 32.4146065 | 16.1 | 22.469 | 32.5151852 | 16.1 | 18.2223 | 32.6157639 | 16.25 | 16.1805 |
| 32.4147222 | 16.1 | 23.0823 | 32.5153009 | 16.13 | 21.0026 | 32.6158796 | 16.26 | 16.1765 |
| 32.414838 | 16.16 | 24.9882 | 32.5154167 | 16.15 | 21.4258 | 32.6159954 | 16.23 | 15.5312 |
| 32.4149537 | 16.15 | 24.2264 | 32.5155324 | 16.15 | 20.8584 | 32.6161111 | 16.25 | 14.8055 |
| 32.4150694 | 16.17 | 25.3765 | 32.5156482 | 16.16 | 22.0354 | 32.6162269 | 16.23 | 14.0577 |
| 32.4151852 | 16.17 | 25.2358 | 32.5157639 | 16.16 | 21.9113 | 32.6163426 | 16.22 | 13.518 |
| 32.4153009 | 16.1 | 21.5234 | 32.5158796 | 16.12 | 18.8972 | 32.6164583 | 16.22 | 14.1488 |
| 32.4154167 | 16.17 | 25.2858 | 32.5159954 | 16.13 | 20.8445 | 32.6165741 | 16.23 | 14.2422 |
| 32.4155324 | 16.19 | 25.2531 | 32.5161111 | 16.13 | 21.1064 | 32.6166898 | 16.23 | 14.4824 |
| 32.4156482 | 16.19 | 25.0086 | 32.5162269 | 16.15 | 21.358 | 32.6168056 | 16.23 | 14.6149 |
| 32.4157639 | 16.19 | 25.0283 | 32.5163426 | 16.16 | 22.296 | 32.6169213 | 16.23 | 15.5747 |
| 32.4158796 | 16.17 | 25.0081 | 32.5164583 | 16.17 | 22.4479 | 32.617037 | 16.23 | 15.53 |
| 32.4159954 | 16.13 | 23.5237 | 32.5165741 | 16.16 | 22.3577 | 32.6171528 | 16.25 | 15.2542 |
| 32.4161111 | 16.19 | 25.1402 | 32.5166898 | 16.17 | 22.5682 | 32.6172685 | 16.23 | 15.5623 |
| 32.4162269 | 16.19 | 25.0874 | 32.5168056 | 16.16 | 22.1056 | 32.6173843 | 16.23 | 15.2026 |
| 32.4163426 | 16.17 | 25.0211 | 32.5169213 | 16.16 | 22.4483 | 32.6175 | 16.23 | 15.2171 |
| 32.4164583 | 16.17 | 25.2125 | 32.517037 | 16.19 | 23.8678 | 32.6176157 | 16.25 | 15.3623 |
| 32.4165741 | 16.15 | 23.8324 | 32.5171528 | 16.17 | 22.5236 | 32.6177315 | 16.23 | 15.6284 |
| 32.4166898 | 16.13 | 23.5065 | 32.5172685 | 16.17 | 22.9542 | 32.6178472 | 16.23 | 14.9477 |
| 32.4168056 | 16.16 | 24.1837 | 32.5173843 | 16.19 | 24.8268 | 32.617963 | 16.23 | 14.835 |
| 32.4169213 | 16.09 | 20.0859 | 32.5175 | 16.17 | 23.5002 | 32.6180787 | 16.23 | 14.5222 |
| 32.417037 | 16.17 | 24.9754 | 32.5176157 | 16.16 | 22.3165 | 32.6181944 | 16.23 | 14.623 |
| 32.4171528 | 16.17 | 25.326 | 32.5177315 | 16.13 | 20.3168 | 32.6183102 | 16.23 | 14.8479 |
| 32.4172685 | 16.2 | 25.6986 | 32.5178472 | 16.13 | 19.3937 | 32.6184259 | 16.23 | 15.1966 |
| 32.4173843 | 16.17 | 23.7176 | 32.517963 | 16.13 | 21.3617 | 32.6185417 | 16.23 | 15.3651 |
| 32.4175 | 16.04 | 19.5838 | 32.5180787 | 16.16 | 22.3525 | 32.6186574 | 16.23 | 15.6234 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4176157 | 16.1 | 22.5368 | 32.5181944 | 16.17 | 23.0502 | 32.6187732 | 16.23 | 15.8062 |
| 32.4177315 | 16.19 | 26.1342 | 32.5183102 | 16.12 | 19.2974 | 32.6188889 | 16.23 | 15.8228 |
| 32.4178472 | 16.1 | 22.5421 | 32.5184259 | 16.17 | 22.8672 | 32.6190046 | 16.23 | 15.6497 |
| 32.417963 | 16.13 | 23.6975 | 32.5185417 | 16.15 | 22.1945 | 32.6191204 | 16.23 | 15.3578 |
| 32.4180787 | 16.07 | 19.8139 | 32.5186574 | 16.15 | 21.6178 | 32.6192361 | 16.23 | 15.1557 |
| 32.4181944 | 16.1 | 22.2783 | 32.5187732 | 16.17 | 23.0944 | 32.6193519 | 16.23 | 14.8607 |
| 32.4183102 | 16.1 | 22.5552 | 32.5188889 | 16.16 | 21.7183 | 32.6194676 | 16.23 | 14.8397 |
| 32.4184259 | 16.12 | 23.1705 | 32.5190046 | 16.16 | 22.3165 | 32.6195833 | 16.23 | 14.6437 |
| 32.4185417 | 16.1 | 22.6104 | 32.5191204 | 16.15 | 20.8606 | 32.6196991 | 16.23 | 14.471 |
| 32.4186574 | 16.1 | 22.5002 | 32.5192361 | 16.13 | 20.3606 | 32.6198148 | 16.22 | 14.3265 |
| 32.4187732 | 16.12 | 22.7478 | 32.5193519 | 16.17 | 22.6847 | 32.6199306 | 16.22 | 14.3411 |
| 32.4188889 | 16.12 | 23.024 | 32.5194676 | 16.15 | 21.3977 | 32.6200463 | 16.22 | 14.1844 |
| 32.4190046 | 16.12 | 23.6075 | 32.5195833 | 16.17 | 22.706 | 32.620162 | 16.22 | 14.1232 |
| 32.4191204 | 16.13 | 23.7913 | 32.5196991 | 16.16 | 21.4299 | 32.6202778 | 16.22 | 14.0358 |
| 32.4192361 | 16.13 | 24.0563 | 32.5198148 | 16.17 | 22.8943 | 32.6203935 | 16.22 | 13.868 |
| 32.4193519 | 16.1 | 20.3174 | 32.5199306 | 16.17 | 23.3689 | 32.6205093 | 16.2 | 13.7617 |
| 32.4194676 | 16.1 | 22.6131 | 32.5200463 | 16.19 | 23.7615 | 32.620625 | 16.2 | 13.8607 |
| 32.4195833 | 16.12 | 23.4694 | 32.520162 | 16.19 | 23.8767 | 32.6207407 | 16.2 | 14.0461 |
| 32.4196991 | 16.15 | 24.427 | 32.5202778 | 16.17 | 23.1582 | 32.6208565 | 16.22 | 14.1365 |
| 32.4198148 | 16.1 | 22.9127 | 32.5203935 | 16.19 | 24.0022 | 32.6209722 | 16.2 | 13.8607 |
| 32.4199306 | 16.13 | 24.1137 | 32.5205093 | 16.15 | 20.7769 | 32.621088 | 16.23 | 14.9135 |
| 32.4200463 | 16.1 | 21.9319 | 32.520625 | 16.15 | 21.1163 | 32.6212037 | 16.22 | 14.8224 |
| 32.420162 | 16.12 | 23.3925 | 32.5207407 | 16.15 | 21.5796 | 32.6213194 | 16.22 | 14.4247 |
| 32.4202778 | 16.13 | 23.9394 | 32.5208565 | 16.16 | 21.5671 | 32.6214352 | 16.22 | 14.7062 |
| 32.4203935 | 16.13 | 23.9992 | 32.5209722 | 16.15 | 21.2583 | 32.6215509 | 16.22 | 14.583 |
| 32.4205093 | 16.1 | 21.6233 | 32.521088 | 16.15 | 20.6053 | 32.6216667 | 16.22 | 14.7769 |
| 32.420625 | 16.16 | 24.2786 | 32.5212037 | 16.15 | 21.1939 | 32.6217824 | 16.23 | 15.0947 |
| 32.4207407 | 16.12 | 22.8067 | 32.5213194 | 16.16 | 22.008 | 32.6218982 | 16.22 | 14.8914 |
| 32.4208565 | 16.1 | 21.3917 | 32.5214352 | 16.17 | 22.4974 | 32.6220139 | 16.22 | 14.756 |
| 32.4209722 | 16.1 | 21.6114 | 32.5215509 | 16.15 | 20.8231 | 32.6221296 | 16.22 | 14.5888 |
| 32.421088 | 16.07 | 19.9969 | 32.5216667 | 16.17 | 23.0888 | 32.6222454 | 16.23 | 14.8724 |
| 32.4212037 | 16.04 | 17.8722 | 32.5217824 | 16.19 | 23.7145 | 32.6223611 | 16.22 | 15.014 |
| 32.4213194 | 16.04 | 19.4223 | 32.5218982 | 16.16 | 20.9131 | 32.6224769 | 16.22 | 14.7444 |
| 32.4214352 | 16.04 | 18.9815 | 32.5220139 | 16.15 | 20.46 | 32.6225926 | 16.22 | 14.8247 |
| 32.4215509 | 16.1 | 22.6236 | 32.5221296 | 16.16 | 21.7692 | 32.6227083 | 16.22 | 15.1523 |
| 32.4216667 | 16.1 | 21.5447 | 32.5222454 | 16.17 | 22.824 | 32.6228241 | 16.23 | 15.4892 |
| 32.4217824 | 16.04 | 19.3342 | 32.5223611 | 16.19 | 23.85 | 32.6229398 | 16.23 | 15.7201 |
| 32.4218982 | 16.03 | 18.4291 | 32.5224769 | 16.17 | 22.3598 | 32.6230556 | 16.23 | 15.0127 |
| 32.4220139 | 16.03 | 18.692 | 32.5225926 | 16.19 | 24.2481 | 32.6231713 | 16.23 | 15.9343 |
| 32.4221296 | 16.04 | 18.9315 | 32.5227083 | 16.16 | 21.7741 | 32.623287 | 16.23 | 16.3457 |
| 32.4222454 | 16.07 | 20.5542 | 32.5228241 | 16.17 | 22.9297 | 32.6234028 | 16.23 | 15.6999 |
| 32.4223611 | 16.1 | 21.6353 | 32.5229398 | 16.19 | 23.7732 | 32.6235185 | 16.22 | 15.748 |
| 32.4224769 | 16.1 | 21.0928 | 32.5230556 | 16.17 | 22.0449 | 32.6236343 | 16.23 | 15.8368 |
| 32.4225926 | 16.09 | 21.1048 | 32.5231713 | 16.17 | 23.2308 | 32.62375 | 16.23 | 15.7568 |
| 32.4227083 | 16 | 17.4868 | 32.523287 | 16.17 | 23.4172 | 32.6238657 | 16.25 | 16.3135 |
| 32.4228241 | 16.09 | 21.1914 | 32.5234028 | 16.19 | 23.2809 | 32.6239815 | 16.23 | 16.0574 |
| 32.4229398 | 16 | 17.1125 | 32.5235185 | 16.17 | 23.0419 | 32.6240972 | 16.25 | 16.7278 |
| 32.4230556 | 16.07 | 21.0928 | 32.5236343 | 16.17 | 22.8402 | 32.624213 | 16.23 | 16.343 |
| 32.4231713 | 16.1 | 22.4872 | 32.52375 | 16.16 | 22.4275 | 32.6243287 | 16.23 | 16.1293 |
| 32.423287 | 16.04 | 17.4633 | 32.5238657 | 16.17 | 22.3908 | 32.6244444 | 16.25 | 16.9901 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4234028 | 16.04 | 19.3044 | 32.5239815 | 16.17 | 22.4349 | 32.6245602 | 16.23 | 16.515 |
| 32.4235185 | 15.99 | 16.3179 | 32.5240972 | 16.17 | 23.0888 | 32.6246759 | 16.25 | 17.4322 |
| 32.4236343 | 16.02 | 18.4471 | 32.524213 | 16.17 | 22.4583 | 32.6247917 | 16.25 | 17.7208 |
| 32.42375 | 15.99 | 17.2585 | 32.5243287 | 16.17 | 22.1732 | 32.6249074 | 16.26 | 17.8405 |
| 32.4238657 | 15.96 | 15.8138 | 32.5244444 | 16.16 | 21.9113 | 32.6250232 | 16.25 | 17.1453 |
| 32.4239815 | 16.03 | 21.4903 | 32.5245602 | 16.17 | 22.7621 | 32.6251389 | 16.25 | 17.2809 |
| 32.4240972 | 15.86 | 8.8233 | 32.5246759 | 16.17 | 22.4661 | 32.6252546 | 16.25 | 17.8133 |
| 32.424213 | 15.87 | 13.5281 | 32.5247917 | 16.17 | 22.334 | 32.6253704 | 16.26 | 18.2237 |
| 32.4243287 | 15.99 | 19.0827 | 32.5249074 | 16.15 | 20.6463 | 32.6254861 | 16.26 | 17.8658 |
| 32.4244444 | 16 | 16.7583 | 32.5250232 | 16.16 | 21.7062 | 32.6256019 | 16.25 | 16.8701 |
| 32.4245602 | 16.1 | 23.504 | 32.5251389 | 16.16 | 22.1914 | 32.6257176 | 16.25 | 17.5999 |
| 32.4246759 | 16.04 | 20.2814 | 32.5252546 | 16.17 | 22.6131 | 32.6258333 | 16.26 | 18.2486 |
| 32.4247917 | 15.94 | 13.847 | 32.5253704 | 16.16 | 22.2704 | 32.6259491 | 16.26 | 18.1759 |
| 32.4249074 | 16.03 | 19.9608 | 32.5254861 | 16.16 | 22.013 | 32.6260648 | 16.26 | 18.5832 |
| 32.4250232 | 15.99 | 17.6898 | 32.5256019 | 16.16 | 22.503 | 32.6261806 | 16.26 | 18.7343 |
| 32.4251389 | 15.99 | 18.5372 | 32.5257176 | 16.17 | 22.0624 | 32.6262963 | 16.26 | 18.6593 |
| 32.4252546 | 16.04 | 20.0928 | 32.5258333 | 16.15 | 21.9365 | 32.626412 | 16.26 | 18.7853 |
| 32.4253704 | 16.03 | 20.6694 | 32.5259491 | 16.15 | 21.2375 | 32.6265278 | 16.26 | 18.9436 |
| 32.4254861 | 16 | 17.2013 | 32.5260648 | 16.16 | 21.5053 | 32.6266435 | 16.26 | 18.7941 |
| 32.4256019 | 15.97 | 16.2928 | 32.5261806 | 16.15 | 19.951 | 32.6267593 | 16.26 | 18.8828 |
| 32.4257176 | 15.96 | 14.0708 | 32.5262963 | 16.15 | 21.3463 | 32.626875 | 16.26 | 18.8989 |
| 32.4258333 | 15.94 | 16.4985 | 32.526412 | 16.16 | 21.9236 | 32.6269907 | 16.26 | 18.7098 |
| 32.4259491 | 16.02 | 20.2957 | 32.5265278 | 16.17 | 22.998 | 32.6271065 | 16.26 | 18.3352 |
| 32.4260648 | 15.87 | 10.9309 | 32.5266435 | 16.19 | 23.8886 | 32.6272222 | 16.25 | 18.5191 |
| 32.4261806 | 16.03 | 20.2266 | 32.5267593 | 16.15 | 20.885 | 32.627338 | 16.26 | 17.7821 |
| 32.4262963 | 16.04 | 21.525 | 32.526875 | 16.15 | 20.9652 | 32.6274537 | 16.26 | 18.5832 |
| 32.426412 | 16.02 | 18.8364 | 32.5269907 | 16.16 | 22.1737 | 32.6275694 | 16.26 | 18.9886 |
| 32.4265278 | 16 | 15.995 | 32.5271065 | 16.17 | 22.4791 | 32.6276852 | 16.26 | 18.3352 |
| 32.4266435 | 16.06 | 21.453 | 32.5272222 | 16.16 | 22.1965 | 32.6278009 | 16.26 | 18.3419 |
| 32.4267593 | 16.09 | 22.0291 | 32.527338 | 16.04 | 0.4508 | 32.6279167 | 16.25 | 18.55 |
| 32.426875 | 15.96 | 15.2535 | 32.5274537 | 16.09 | 12.8365 | 32.6280324 | 16.26 | 18.8739 |
| 32.4269907 | 15.93 | 16.0334 | 32.5275694 | 16.1 | 13.34 | 32.6281482 | 16.26 | 18.9114 |
| 32.4271065 | 15.91 | 14.2364 | 32.5276852 | 16.1 | 12.7219 | 32.6282639 | 16.25 | 17.6896 |
| 32.4272222 | 15.91 | 13.1064 | 32.5278009 | 15.9 | 0.8334 | 32.6283796 | 16.25 | 17.9516 |
| 32.427338 | 15.87 | 11.5297 | 32.5279167 | 16 | 12.8914 | 32.6284954 | 16.26 | 18.8259 |
| 32.4274537 | 15.91 | 13.2708 | 32.5280324 | 16.1 | 15.0519 | 32.6286111 | 16.25 | 17.8307 |
| 32.4275694 | 16.04 | 21.8518 | 32.5281482 | 15.94 | 1.1059 | 32.6287269 | 16.25 | 17.8671 |
| 32.4276852 | 15.94 | 15.3338 | 32.5282639 | 16.09 | 13.9481 | 32.6288426 | 16.26 | 18.4804 |
| 32.4278009 | 16.03 | 19.7377 | 32.5283796 | 16.1 | 18.9727 | 32.6289583 | 16.25 | 18.8271 |
| 32.4279167 | 16.02 | 18.7036 | 32.5284954 | 16.1 | 16.9291 | 32.6290741 | 16.26 | 18.8864 |
| 32.4280324 | 15.96 | 14.6608 | 32.5286111 | 16.1 | 15.4531 | 32.6291898 | 16.26 | 18.5573 |
| 32.4281482 | 15.96 | 16.149 | 32.5287269 | 15.94 | 0.6637 | 32.6293056 | 16.26 | 18.4447 |
| 32.4282639 | 15.9 | 11.2944 | 32.5288426 | 16.03 | 14.7622 | 32.6294213 | 16.26 | 19.1691 |
| 32.4283796 | 16 | 18.111 | 32.5289583 | 16.12 | 18.6759 | 32.629537 | 16.26 | 19.2245 |
| 32.4284954 | 15.89 | 13.9575 | 32.5290741 | 16.1 | 14.5363 | 32.6296528 | 16.26 | 18.635 |
| 32.4286111 | 15.93 | 14.373 | 32.5291898 | 16.17 | 23.6272 | 32.6297685 | 16.26 | 19.023 |
| 32.4287269 | 15.89 | 15.6089 | 32.5293056 | 16.19 | 23.5344 | 32.6298843 | 16.23 | 16.607 |
| 32.4288426 | 15.87 | 12.268 | 32.5294213 | 16.15 | 18.5124 | 32.63 | 16.25 | 19.0987 |
| 32.4289583 | 15.93 | 14.6211 | 32.529537 | 16.16 | 21.2507 | 32.6301157 | 16.26 | 19.1857 |
| 32.4290741 | 15.91 | 13.1537 | 32.5296528 | 16.16 | 20.4338 | 32.6302315 | 16.25 | 19.6043 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4291898 | 16.03 | 21.2668 | 32.5297685 | 16.13 | 18.3429 | 32.6303472 | 16.25 | 19.6625 |
| 32.4293056 | 15.84 | 8.2229 | 32.5298843 | 16.13 | 19.2037 | 32.630463 | 16.26 | 19.3308 |
| 32.4294213 | 15.99 | 19.2379 | 32.53 | 16.19 | 23.6241 | 32.6305787 | 16.25 | 18.5345 |
| 32.429537 | 15.99 | 19.2048 | 32.5301157 | 16.17 | 21.3683 | 32.6306944 | 16.25 | 18.1247 |
| 32.4296528 | 15.97 | 15.2774 | 32.5302315 | 16.13 | 18.9174 | 32.6308102 | 16.26 | 19.5723 |
| 32.4297685 | 16.07 | 20.9938 | 32.5303472 | 16.13 | 19.1231 | 32.6309259 | 16.25 | 19.4319 |
| 32.4298843 | 15.97 | 15.7176 | 32.530463 | 16.13 | 18.8517 | 32.6310417 | 16.25 | 19.7172 |
| 32.43 | 16.02 | 19.0233 | 32.5305787 | 16.12 | 17.7424 | 32.6311574 | 16.26 | 19.7083 |
| 32.4301157 | 15.87 | 10.8509 | 32.5306944 | 16.13 | 17.9303 | 32.6312732 | 16.26 | 20.0617 |
| 32.4302315 | 15.84 | 8.9009 | 32.5308102 | 16.12 | 17.7284 | 32.6313889 | 16.25 | 18.8236 |
| 32.4303472 | 15.83 | 8.4115 | 32.5309259 | 16.13 | 18.2863 | 32.6315046 | 16.25 | 18.8697 |
| 32.430463 | 15.97 | 19.0851 | 32.5310417 | 16.1 | 17.9055 | 32.6316204 | 16.25 | 16.8885 |
| 32.4305787 | 15.94 | 14.7896 | 32.5311574 | 16.12 | 18.6933 | 32.6317361 | 16.25 | 17.8212 |
| 32.4306944 | 15.86 | 9.5617 | 32.5312732 | 16.12 | 18.3508 | 32.6318519 | 16.25 | 17.8323 |
| 32.4308102 | 15.87 | 12.0491 | 32.5313889 | 16.13 | 19.1743 | 32.6319676 | 16.25 | 17.3136 |
| 32.4309259 | 15.97 | 18.068 | 32.5315046 | 16.13 | 18.9103 | 32.6320833 | 16.25 | 17.9548 |
| 32.4310417 | 16.02 | 19.1611 | 32.5316204 | 16.13 | 19.4807 | 32.6321991 | 16.25 | 17.9628 |
| 32.4311574 | 15.94 | 15.4867 | 32.5317361 | 16.12 | 17.5955 | 32.6323148 | 16.25 | 16.8942 |
| 32.4312732 | 15.84 | 10.4786 | 32.5318519 | 16.12 | 18.0132 | 32.6324306 | 16.23 | 16.788 |
| 32.4313889 | 15.9 | 11.7634 | 32.5319676 | 16.12 | 17.5848 | 32.6325463 | 16.23 | 16.725 |
| 32.4315046 | 15.89 | 12.6342 | 32.5320833 | 16.1 | 15.7598 | 32.632662 | 16.25 | 17.029 |
| 32.4316204 | 15.91 | 14.554 | 32.5321991 | 16.1 | 15.5036 | 32.6327778 | 16.25 | 17.4141 |
| 32.4317361 | 15.9 | 14.0543 | 32.5323148 | 16.1 | 15.1533 | 32.6328935 | 16.25 | 19.4585 |
| 32.4318519 | 15.91 | 14.1617 | 32.5324306 | 16.1 | 14.5283 | 32.6330093 | 16.25 | 17.7067 |
| 32.4319676 | 15.84 | 8.7988 | 32.5325463 | 16.1 | 14.4611 | 32.633125 | 16.25 | 17.7301 |
| 32.4320833 | 15.84 | 9.3557 | 32.532662 | 16.1 | 14.3244 | 32.6332407 | 16.25 | 17.4989 |
| 32.4321991 | 15.86 | 11.5631 | 32.5327778 | 16.1 | 14.4816 | 32.6333565 | 16.25 | 17.8418 |
| 32.4323148 | 15.99 | 18.6951 | 32.5328935 | 16.1 | 14.667 | 32.6334722 | 16.25 | 17.6524 |
| 32.4324306 | 15.97 | 18.1473 | 32.5330093 | 16.1 | 14.5751 | 32.633588 | 16.23 | 17.4122 |
| 32.4325463 | 15.89 | 11.85 | 32.533125 | 16.1 | 14.4884 | 32.6337037 | 16.23 | 17.3686 |
| 32.432662 | 15.99 | 18.8877 | 32.5332407 | 16.1 | 14.4634 | 32.6338194 | 16.23 | 17.5015 |
| 32.4327778 | 15.87 | 11.6423 | 32.5333565 | 16.1 | 14.4067 | 32.6339352 | 16.23 | 17.8681 |
| 32.4328935 | 15.94 | 15.5856 | 32.5334722 | 16.1 | 14.8656 | 32.6340509 | 16.25 | 18.0775 |
| 32.4330093 | 15.89 | 13.4198 | 32.533588 | 16.1 | 14.4702 | 32.6341667 | 16.25 | 17.9372 |
| 32.433125 | 15.87 | 10.4366 | 32.5337037 | 16.1 | 14.4645 | 32.6342824 | 16.25 | 18.0014 |
| 32.4332407 | 15.94 | 15.3095 | 32.5338194 | 16.1 | 14.6233 | 32.6343982 | 16.25 | 18.5568 |
| 32.4333565 | 15.9 | 11.7475 | 32.5339352 | 16.1 | 14.5889 | 32.6345139 | 16.25 | 18.407 |
| 32.4334722 | 15.86 | 9.7073 | 32.5340509 | 16.1 | 14.5488 | 32.6346296 | 16.25 | 18.407 |
| 32.433588 | 15.89 | 11.9899 | 32.5341667 | 16.1 | 14.5923 | 32.6347454 | 16.25 | 18.55 |
| 32.4337037 | 15.89 | 12.018 | 32.5342824 | 16.1 | 14.5854 | 32.6348611 | 16.25 | 18.6639 |
| 32.4338194 | 15.9 | 13.4069 | 32.5343982 | 16.1 | 14.6578 | 32.6349769 | 16.26 | 18.4498 |
| 32.4339352 | 15.9 | 12.0732 | 32.5345139 | 16.1 | 14.7341 | 32.6350926 | 16.25 | 18.5226 |
| 32.4340509 | 15.91 | 15.3028 | 32.5346296 | 16.1 | 14.5694 | 32.6352083 | 16.25 | 18.6483 |
| 32.4341667 | 15.93 | 15.5226 | 32.5347454 | 16.1 | 14.6624 | 32.6353241 | 16.26 | 18.7624 |
| 32.4342824 | 15.87 | 11.5188 | 32.5348611 | 16.1 | 14.7121 | 32.6354398 | 16.26 | 18.976 |
| 32.4343982 | 15.86 | 10.1603 | 32.5349769 | 16.1 | 14.8364 | 32.6355556 | 16.25 | 18.6953 |
| 32.4345139 | 15.87 | 11.3459 | 32.5350926 | 16.12 | 15.0112 | 32.6356713 | 16.25 | 18.9161 |
| 32.4346296 | 15.84 | 9.8459 | 32.5352083 | 16.1 | 15.8883 | 32.635787 | 16.25 | 18.55 |
| 32.4347454 | 15.87 | 12.4245 | 32.5353241 | 16.12 | 15.6525 | 32.6359028 | 16.25 | 18.7425 |
| 32.4348611 | 15.87 | 11.344 | 32.5354398 | 16.12 | 15.0409 | 32.6360185 | 16.25 | 18.8306 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4349769 | 15.89 | 11.2123 | 32.5355556 | 16.1 | 14.697 | 32.6361343 | 16.25 | 18.69 |
| 32.4350926 | 15.87 | 10.9888 | 32.5356713 | 15.91 | 1.3078 | 32.63625 | 16.25 | 18.6587 |
| 32.4352083 | 15.86 | 10.4724 | 32.535787 | 16 | 15.445 | 32.6363657 | 16.25 | 18.624 |
| 32.4353241 | 15.86 | 10.5198 | 32.5359028 | 16.12 | 17.4918 | 32.6364815 | 16.26 | 18.8012 |
| 32.4354398 | 15.86 | 10.3862 | 32.5360185 | 16.17 | 21.3427 | 32.6365972 | 16.25 | 18.739 |
| 32.4355556 | 15.87 | 11.2579 | 32.5361343 | 16.15 | 17.982 | 32.636713 | 16.26 | 18.7853 |
| 32.4356713 | 15.87 | 10.9966 | 32.53625 | 16.13 | 17.5209 | 32.6368287 | 16.26 | 19.2785 |
| 32.435787 | 15.87 | 10.9705 | 32.5363657 | 16.17 | 20.6208 | 32.6369444 | 16.26 | 19.2971 |
| 32.4359028 | 15.87 | 10.9077 | 32.5364815 | 16.16 | 19.1857 | 32.6370602 | 16.25 | 19.4623 |
| 32.4360185 | 15.87 | 10.8317 | 32.5365972 | 16.15 | 17.9676 | 32.6371759 | 16.25 | 19.035 |
| 32.4361343 | 15.87 | 11.0169 | 32.536713 | 16.15 | 17.907 | 32.6372917 | 16.26 | 19.0175 |
| 32.43625 | 15.87 | 11.0556 | 32.5368287 | 16.13 | 16.5549 | 32.6374074 | 16.26 | 19.0647 |
| 32.4363657 | 15.89 | 12.1931 | 32.5369444 | 16.13 | 15.9934 | 32.6375232 | 16.26 | 19.232 |
| 32.4364815 | 15.87 | 11.1936 | 32.5370602 | 16.15 | 15.8646 | 32.6376389 | 16.26 | 19.1728 |
| 32.4365972 | 15.89 | 11.456 | 32.5371759 | 16.15 | 15.9442 | 32.6377546 | 16.25 | 19.0731 |
| 32.436713 | 15.89 | 12.2012 | 32.5372917 | 16.13 | 16.1657 | 32.6378704 | 16.25 | 18.8342 |
| 32.4368287 | 15.89 | 11.456 | 32.5374074 | 16.15 | 16.2833 | 32.6379861 | 16.26 | 18.994 |
| 32.4369444 | 15.9 | 12.278 | 32.5375232 | 16.15 | 17.5197 | 32.6381019 | 16.25 | 19.6411 |
| 32.4370602 | 15.89 | 11.852 | 32.5376389 | 16.16 | 17.4911 | 32.6382176 | 16.26 | 19.5243 |
| 32.4371759 | 15.83 | 9.0164 | 32.5377546 | 16.16 | 17.0485 | 32.6383333 | 16.25 | 19.2591 |
| 32.4372917 | 15.68 | 0.1328 | 32.5378704 | 16.16 | 18.1295 | 32.6384491 | 16.25 | 18.7267 |
| 32.4374074 | 15.78 | 6.9168 | 32.5379861 | 16.16 | 18.1328 | 32.6385648 | 16.23 | 18.4738 |
| 32.4375232 | 15.8 | 0.234 | 32.5381019 | 16.16 | 18.1149 | 32.6386806 | 16.23 | 19.0191 |
| 32.4376389 | 15.54 | 0.2303 | 32.5382176 | 16.15 | 18.0399 | 32.6387963 | 16.23 | 18.2027 |
| 32.4377546 | 15.44 | 0.1658 | 32.5383333 | 16.16 | 18.1035 | 32.638912 | 16.22 | 17.8837 |
| 32.4378704 | 15.87 | 13.2799 | 32.5384491 | 16.16 | 18.2213 | 32.6390278 | 16.22 | 17.6408 |
| 32.4379861 | 15.89 | 13.374 | 32.5385648 | 16.16 | 18.1835 | 32.6391435 | 16.23 | 18.6437 |
| 32.4381019 | 15.91 | 13.9846 | 32.5386806 | 16.15 | 16.537 | 32.6392593 | 16.23 | 18.9094 |
| 32.4382176 | 15.93 | 15.0352 | 32.5387963 | 16.16 | 17.9487 | 32.639375 | 16.23 | 18.2921 |
| 32.4383333 | 15.91 | 13.7052 | 32.538912 | 16.16 | 18.3025 | 32.6394907 | 16.23 | 18.1813 |
| 32.4384491 | 15.91 | 13.8913 | 32.5390278 | 16.16 | 18.5454 | 32.6396065 | 16.22 | 17.814 |
| 32.4385648 | 15.96 | 14.9213 | 32.5391435 | 16.17 | 18.6786 | 32.6397222 | 16.22 | 17.9235 |
| 32.4386806 | 15.89 | 11.8769 | 32.5392593 | 16.17 | 18.9432 | 32.639838 | 16.22 | 17.4392 |
| 32.4387963 | 15.93 | 13.6951 | 32.539375 | 16.17 | 18.4117 | 32.6399537 | 16.22 | 17.6238 |
| 32.438912 | 15.89 | 12.1739 | 32.5394907 | 16.17 | 18.3815 | 32.6400694 | 16.22 | 18.475 |
| 32.4390278 | 15.86 | 9.903 | 32.5396065 | 16.17 | 18.9808 | 32.6401852 | 16.22 | 18.3418 |
| 32.4391435 | 15.96 | 15.0275 | 32.5397222 | 16.17 | 18.8789 | 32.6403009 | 16.22 | 18.4056 |
| 32.4392593 | 15.97 | 16.2742 | 32.539838 | 16.17 | 18.6077 | 32.6404167 | 16.22 | 17.9972 |
| 32.439375 | 15.9 | 12.5807 | 32.5399537 | 16.19 | 18.7882 | 32.6405324 | 16.22 | 17.8852 |
| 32.4394907 | 15.91 | 13.3386 | 32.5400694 | 16.19 | 18.6884 | 32.6406482 | 16.22 | 17.6718 |
| 32.4396065 | 15.9 | 12.7443 | 32.5401852 | 16.17 | 18.4794 | 32.6407639 | 16.22 | 18.3602 |
| 32.4397222 | 15.93 | 13.9348 | 32.5403009 | 16.19 | 18.384 | 32.6408796 | 16.23 | 18.7641 |
| 32.439838 | 15.93 | 14.364 | 32.5404167 | 16.17 | 18.2053 | 32.6409954 | 16.23 | 18.3071 |
| 32.4399537 | 16 | 18.9754 | 32.5405324 | 16.17 | 18.0989 | 32.6411111 | 16.22 | 18.305 |
| 32.4400694 | 15.9 | 12.1185 | 32.5406482 | 16.17 | 17.7656 | 32.6412269 | 16.22 | 18.3034 |
| 32.4401852 | 15.9 | 13.4143 | 32.5407639 | 16.17 | 17.5308 | 32.6413426 | 16.22 | 17.5838 |
| 32.4403009 | 15.9 | 12.9153 | 32.5408796 | 16.16 | 17.0528 | 32.6414583 | 16.23 | 18.2258 |
| 32.4404167 | 15.9 | 12.9789 | 32.5409954 | 16.15 | 16.8075 | 32.6415741 | 16.23 | 18.2888 |
| 32.4405324 | 15.89 | 12.6506 | 32.5411111 | 16.15 | 16.7123 | 32.6416898 | 16.22 | 18.0375 |
| 32.4406482 | 15.9 | 13.1918 | 32.5412269 | 16.16 | 17.3855 | 32.6418056 | 16.22 | 17.3535 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4407639 | 15.94 | 15.3727 | 32.5413426 | 16.17 | 18.4607 | 32.6419213 | 16.22 | 17.9267 |
| 32.4408796 | 15.94 | 14.7351 | 32.5414583 | 16.17 | 18.0665 | 32.642037 | 16.22 | 17.8948 |
| 32.4409954 | 15.91 | 12.959 | 32.5415741 | 16.19 | 17.8542 | 32.6421528 | 16.23 | 17.7876 |
| 32.4411111 | 15.9 | 12.7031 | 32.5416898 | 16.17 | 17.5537 | 32.6422685 | 16.22 | 17.0823 |
| 32.4412269 | 15.9 | 12.6927 | 32.5418056 | 16.16 | 17.3138 | 32.6423843 | 16.22 | 17.4361 |
| 32.4413426 | 15.89 | 12.3318 | 32.5419213 | 16.17 | 18.2581 | 32.6425 | 16.22 | 17.3445 |
| 32.4414583 | 15.89 | 12.3247 | 32.542037 | 16.17 | 17.9506 | 32.6426157 | 16.22 | 17.706 |
| 32.4415741 | 15.9 | 13.2572 | 32.5421528 | 16.19 | 18.6381 | 32.6427315 | 16.22 | 17.4226 |
| 32.4416898 | 15.91 | 13.2772 | 32.5422685 | 16.2 | 20.2025 | 32.6428472 | 16.22 | 17.4725 |
| 32.4418056 | 15.9 | 12.8904 | 32.5423843 | 16.17 | 18.6163 | 32.642963 | 16.22 | 17.5059 |
| 32.4419213 | 15.91 | 13.4227 | 32.5425 | 16.17 | 18.5424 | 32.6430787 | 16.22 | 17.6269 |
| 32.442037 | 15.91 | 13.7204 | 32.5426157 | 16.16 | 16.574 | 32.6431944 | 16.23 | 17.6581 |
| 32.4421528 | 15.9 | 13.1349 | 32.5427315 | 16.17 | 18.2053 | 32.6433102 | 16.22 | 17.6347 |
| 32.4422685 | 15.91 | 13.5157 | 32.5428472 | 16.17 | 18.5459 | 32.6434259 | 16.22 | 17.5869 |
| 32.4423843 | 15.93 | 14.5799 | 32.542963 | 16.16 | 16.9379 | 32.6435417 | 16.22 | 17.6889 |
| 32.4425 | 15.93 | 14.1568 | 32.5430787 | 16.17 | 17.4247 | 32.6436574 | 16.22 | 17.6935 |
| 32.4426157 | 15.94 | 14.9382 | 32.5431944 | 16.17 | 18.6163 | 32.6437732 | 16.22 | 17.7685 |
| 32.4427315 | 15.96 | 15.7505 | 32.5433102 | 16.17 | 18.06 | 32.6438889 | 16.2 | 17.7977 |
| 32.4428472 | 15.91 | 13.2824 | 32.5434259 | 16.16 | 16.0333 | 32.6440046 | 16.2 | 17.8182 |
| 32.442963 | 15.96 | 15.0251 | 32.5435417 | 16.16 | 16.2341 | 32.6441204 | 16.2 | 17.9165 |
| 32.4430787 | 15.91 | 13.967 | 32.5436574 | 16.16 | 17.2427 | 32.6442361 | 16.19 | 18.1078 |
| 32.4431944 | 15.94 | 14.7305 | 32.5437732 | 16.16 | 16.4418 | 32.6443519 | 16.2 | 18.0935 |
| 32.4433102 | 15.94 | 14.7039 | 32.5438889 | 16.16 | 15.9505 | 32.6444676 | 16.2 | 17.8609 |
| 32.4434259 | 15.94 | 14.9299 | 32.5440046 | 16.16 | 16.1707 | 32.6445833 | 16.2 | 17.9564 |
| 32.4435417 | 15.93 | 14.909 | 32.5441204 | 16.16 | 16.3676 | 32.6446991 | 16.2 | 18.1768 |
| 32.4436574 | 15.94 | 14.6635 | 32.5442361 | 16.17 | 17.0833 | 32.6448148 | 16.2 | 18.1473 |
| 32.4437732 | 15.94 | 14.9018 | 32.5443519 | 16.17 | 17.5537 | 32.6449306 | 16.2 | 18.0675 |
| 32.4438889 | 15.93 | 13.9688 | 32.5444676 | 16.16 | 16.5083 | 32.6450463 | 16.2 | 17.8466 |
| 32.4440046 | 15.94 | 15.0611 | 32.5445833 | 16.17 | 18.2962 | 32.645162 | 16.2 | 18.0708 |
| 32.4441204 | 15.94 | 15.1469 | 32.5446991 | 16.19 | 19.3459 | 32.6452778 | 16.2 | 18.0384 |
| 32.4442361 | 15.97 | 16.9343 | 32.5448148 | 16.17 | 16.9237 | 32.6453935 | 16.2 | 17.7148 |
| 32.4443519 | 15.97 | 16.2609 | 32.5449306 | 16.19 | 18.5572 | 32.6455093 | 16.2 | 17.8989 |
| 32.4444676 | 15.93 | 13.297 | 32.5450463 | 16.17 | 17.572 | 32.645625 | 16.22 | 17.9907 |
| 32.4445833 | 15.94 | 15.1266 | 32.545162 | 16.17 | 16.8598 | 32.6457407 | 16.2 | 17.8435 |
| 32.4446991 | 15.94 | 14.7792 | 32.5452778 | 16.19 | 20.1253 | 32.6458565 | 16.22 | 17.863 |
| 32.4448148 | 15.93 | 14.0603 | 32.5453935 | 16.17 | 17.8268 | 32.6459722 | 16.22 | 17.9715 |
| 32.4449306 | 15.94 | 14.5339 | 32.5455093 | 16.17 | 18.5066 | 32.646088 | 16.2 | 17.6605 |
| 32.4450463 | 15.94 | 14.8421 | 32.545625 | 16.17 | 17.5598 | 32.6462037 | 16.2 | 17.7179 |
| 32.445162 | 15.94 | 14.7201 | 32.5457407 | 16.17 | 17.1269 | 32.6463194 | 16.22 | 17.7231 |
| 32.4452778 | 15.94 | 14.5351 | 32.5458565 | 16.17 | 17.6212 | 32.6464352 | 16.2 | 17.4645 |
| 32.4453935 | 15.94 | 14.4497 | 32.5459722 | 16.16 | 16.9336 | 32.6465509 | 16.2 | 17.4781 |
| 32.4455093 | 15.93 | 14.3122 | 32.546088 | 16.17 | 17.4082 | 32.6466667 | 16.2 | 17.8151 |
| 32.445625 | 15.93 | 14.4783 | 32.5462037 | 16.15 | 16.4988 | 32.6467824 | 16.2 | 18.0886 |
| 32.4457407 | 15.93 | 14.1846 | 32.5463194 | 16.19 | 18.6571 | 32.6468982 | 16.2 | 17.8958 |
| 32.4458565 | 15.93 | 14.3369 | 32.5464352 | 16.17 | 16.9365 | 32.6470139 | 16.2 | 17.757 |
| 32.4459722 | 15.91 | 13.9001 | 32.5465509 | 16.17 | 16.6914 | 32.6471296 | 16.2 | 17.7413 |
| 32.446088 | 15.91 | 13.7768 | 32.5466667 | 16.16 | 15.8441 | 32.6472454 | 16.2 | 17.7601 |
| 32.4462037 | 15.93 | 14.4704 | 32.5467824 | 16.17 | 17.7452 | 32.6473611 | 16.2 | 17.6388 |
| 32.4463194 | 15.91 | 13.444 | 32.5468982 | 16.19 | 18.6381 | 32.6474769 | 16.2 | 17.7351 |
| 32.4464352 | 15.93 | 14.3674 | 32.5470139 | 16.17 | 15.6643 | 32.6475926 | 16.2 | 17.6946 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4465509 | 15.91 | 13.6879 | 32.5471296 | 16.17 | 16.0527 | 32.6477083 | 16.19 | 17.4281 |
| 32.4466667 | 15.91 | 13.3737 | 32.5472454 | 16.17 | 16.4593 | 32.6478241 | 16.2 | 17.3861 |
| 32.4467824 | 15.93 | 14.1635 | 32.5473611 | 16.16 | 15.6808 | 32.6479398 | 16.19 | 17.3276 |
| 32.4468982 | 15.93 | 14.2393 | 32.5474769 | 16.17 | 15.0162 | 32.6480556 | 16.19 | 17.3575 |
| 32.4470139 | 15.99 | 17.6344 | 32.5475926 | 16.19 | 19.1456 | 32.6481713 | 16.2 | 17.5116 |
| 32.4471296 | 15.91 | 14.242 | 32.5477083 | 16.16 | 15.0022 | 32.648287 | 16.19 | 17.4689 |
| 32.4472454 | 15.94 | 14.8316 | 32.5478241 | 16.17 | 16.0527 | 32.6484028 | 16.19 | 17.4825 |
| 32.4473611 | 15.93 | 13.7449 | 32.5479398 | 16.17 | 15.0875 | 32.6485185 | 16.19 | 17.3276 |
| 32.4474769 | 15.9 | 12.9674 | 32.5480556 | 16.17 | 15.0067 | 32.6486343 | 16.19 | 17.4386 |
| 32.4475926 | 15.94 | 15.352 | 32.5481713 | 16.17 | 14.2557 | 32.64875 | 16.19 | 17.2726 |
| 32.4477083 | 15.93 | 14.5936 | 32.548287 | 16.17 | 14.142 | 32.6488657 | 16.19 | 17.2756 |
| 32.4478241 | 15.9 | 13.2879 | 32.5484028 | 16.17 | 15.1281 | 32.6489815 | 16.19 | 17.3276 |
| 32.4479398 | 15.94 | 15.2974 | 32.5485185 | 16.17 | 14.9807 | 32.6490972 | 16.19 | 17.8511 |
| 32.4480556 | 15.91 | 14.0331 | 32.5486343 | 16.17 | 15.6568 | 32.649213 | 16.17 | 17.063 |
| 32.4481713 | 15.94 | 15.2925 | 32.54875 | 16.17 | 14.7651 | 32.6493287 | 16.17 | 17.1664 |
| 32.448287 | 15.94 | 14.9936 | 32.5488657 | 16.17 | 14.6391 | 32.6494444 | 16.16 | 17.0355 |
| 32.4484028 | 15.94 | 14.7096 | 32.5489815 | 16.17 | 15.6593 | 32.6495602 | 16.16 | 17.256 |
| 32.4485185 | 15.94 | 14.7792 | 32.5490972 | 16.17 | 15.1892 | 32.6496759 | 16.17 | 17.7141 |
| 32.4486343 | 15.94 | 14.7583 | 32.549213 | 16.17 | 16.0254 | 32.6497917 | 16.16 | 17.3825 |
| 32.44875 | 15.94 | 14.8257 | 32.5493287 | 16.17 | 15.5993 | 32.6499074 | 16.17 | 18.0342 |
| 32.4488657 | 15.94 | 14.8748 | 32.5494444 | 16.17 | 15.5619 | 32.6500232 | 16.16 | 17.3466 |
| 32.4489815 | 15.94 | 14.8631 | 32.5495602 | 16.16 | 15.6996 | 32.6501389 | 16.17 | 17.7624 |
| 32.4490972 | 15.96 | 14.9084 | 32.5496759 | 16.17 | 15.4016 | 32.6502546 | 16.17 | 17.1795 |
| 32.449213 | 15.94 | 14.9252 | 32.5497917 | 16.16 | 15.286 | 32.6503704 | 16.16 | 17.0658 |
| 32.4493287 | 15.94 | 14.9936 | 32.5499074 | 16.17 | 15.3722 | 32.6504861 | 16.16 | 17.06 |
| 32.4494444 | 15.94 | 14.9971 | 32.5500232 | 16.17 | 15.4765 | 32.6506019 | 16.17 | 17.5843 |
| 32.4495602 | 15.94 | 15.0801 | 32.5501389 | 16.17 | 15.4531 | 32.6507176 | 16.16 | 17.2397 |
| 32.4496759 | 15.94 | 14.91 | 32.5502546 | 16.17 | 16.3702 | 32.6508333 | 16.15 | 16.9679 |
| 32.4497917 | 15.94 | 14.9983 | 32.5503704 | 16.17 | 15.9736 | 32.6509491 | 16.15 | 17.0991 |
| 32.4499074 | 15.94 | 15.0754 | 32.5504861 | 16.17 | 16.041 | 32.6510648 | 16.15 | 16.9894 |
| 32.4500232 | 15.94 | 15.0956 | 32.5506019 | 16.19 | 17.386 | 32.6511806 | 16.16 | 17.4789 |
| 32.4501389 | 15.96 | 15.3043 | 32.5507176 | 16.17 | 16.2819 | 32.6512963 | 16.15 | 16.9108 |
| 32.4502546 | 15.96 | 15.4593 | 32.5508333 | 16.19 | 17.5358 | 32.651412 | 16.15 | 16.8075 |
| 32.4503704 | 15.99 | 16.3392 | 32.5509491 | 16.17 | 16.0371 | 32.6515278 | 16.16 | 17.2132 |
| 32.4504861 | 15.97 | 15.6399 | 32.5510648 | 16.17 | 15.9401 | 32.6516435 | 16.16 | 17.4005 |
| 32.4506019 | 15.96 | 15.8113 | 32.5511806 | 16.17 | 16.439 | 32.6517593 | 16.16 | 17.3212 |
| 32.4507176 | 15.97 | 15.5145 | 32.5512963 | 16.19 | 18.8111 | 32.651875 | 16.16 | 17.5795 |
| 32.4508333 | 15.96 | 14.992 | 32.551412 | 16.19 | 17.5663 | 32.6519907 | 16.16 | 17.5856 |
| 32.4509491 | 15.93 | 14.7829 | 32.5515278 | 16.17 | 17.4006 | 32.6521065 | 16.16 | 17.8124 |
| 32.4510648 | 15.93 | 14.1668 | 32.5516435 | 16.19 | 18.7565 | 32.6522222 | 16.16 | 17.4532 |
| 32.4511806 | 15.96 | 15.7027 | 32.5517593 | 16.2 | 19.3974 | 32.652338 | 16.17 | 17.7797 |
| 32.4512963 | 15.97 | 15.763 | 32.551875 | 16.2 | 19.6191 | 32.6524537 | 16.15 | 17.5137 |
| 32.451412 | 15.94 | 14.2235 | 32.5519907 | 16.2 | 19.8563 | 32.6525694 | 16.17 | 17.9666 |
| 32.4515278 | 15.93 | 13.7363 | 32.5521065 | 16.2 | 17.6404 | 32.6526852 | 16.17 | 18.268 |
| 32.4516435 | 15.94 | 15.2732 | 32.5522222 | 16.19 | 17.383 | 32.6528009 | 16.17 | 18.2647 |
| 32.4517593 | 15.96 | 15.1621 | 32.552338 | 16.19 | 17.0878 | 32.6529167 | 16.19 | 18.5881 |
| 32.451875 | 15.99 | 16.8607 | 32.5524537 | 16.19 | 16.3567 | 32.6530324 | 16.19 | 18.4009 |
| 32.4519907 | 15.97 | 15.3649 | 32.5525694 | 16.19 | 16.6263 | 32.6531482 | 16.17 | 18.2448 |
| 32.4521065 | 15.99 | 16.872 | 32.5526852 | 16.19 | 15.5331 | 32.6532639 | 16.17 | 18.3129 |
| 32.4522222 | 15.96 | 15.4556 | 32.5528009 | 16.19 | 16.4146 | 32.6533796 | 16.19 | 18.6485 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.452338 | 15.97 | 16.1489 | 32.5529167 | 16.19 | 17.2209 | 32.6534954 | 16.19 | 18.834 |
| 32.4524537 | 15.97 | 16.3688 | 32.5530324 | 16.19 | 15.3377 | 32.6536111 | 16.19 | 19.2359 |
| 32.4525694 | 15.96 | 15.0833 | 32.5531482 | 16.19 | 17.2845 | 32.6537269 | 16.19 | 19.6433 |
| 32.4526852 | 15.97 | 16.1541 | 32.5532639 | 16.19 | 16.0382 | 32.6538426 | 16.19 | 19.1218 |
| 32.4528009 | 15.99 | 17.5869 | 32.5533796 | 16.2 | 19.0696 | 32.6539583 | 16.19 | 18.5076 |
| 32.4529167 | 15.97 | 16.1554 | 32.5534954 | 16.2 | 17.9965 | 32.6540741 | 16.17 | 18.3379 |
| 32.4530324 | 15.97 | 15.7959 | 32.5536111 | 16.2 | 16.0238 | 32.6541898 | 16.16 | 18.3391 |
| 32.4531482 | 15.96 | 15.8189 | 32.5537269 | 16.2 | 16.4946 | 32.6543056 | 16.17 | 18.5066 |
| 32.4532639 | 15.99 | 16.5814 | 32.5538426 | 16.2 | 15.0893 | 32.6544213 | 16.19 | 18.9732 |
| 32.4533796 | 16 | 18.3126 | 32.5539583 | 16.2 | 16.6803 | 32.654537 | 16.17 | 18.5219 |
| 32.4534954 | 16 | 18.2006 | 32.5540741 | 16.2 | 16.4987 | 32.6546528 | 16.17 | 18.6769 |
| 32.4536111 | 16 | 18.0191 | 32.5541898 | 16.2 | 16.4701 | 32.6547685 | 16.17 | 18.4489 |
| 32.4537269 | 16 | 17.8775 | 32.5543056 | 16.2 | 15.4736 | 32.6548843 | 16.13 | 17.967 |
| 32.4538426 | 16 | 17.9091 | 32.5544213 | 16.2 | 16.2126 | 32.655 | 16.17 | 18.5442 |
| 32.4539583 | 16 | 17.8743 | 32.554537 | 16.2 | 16.6692 | 32.6551157 | 16.17 | 18.7835 |
| 32.4540741 | 16.02 | 18.34 | 32.5546528 | 16.2 | 17.8119 | 32.6552315 | 16.19 | 19.3047 |
| 32.4541898 | 16.02 | 18.0245 | 32.5547685 | 16.2 | 17.9564 | 32.6553472 | 16.19 | 19.2322 |
| 32.4543056 | 16.02 | 18.2144 | 32.5548843 | 16.2 | 16.7711 | 32.655463 | 16.17 | 19.0821 |
| 32.4544213 | 16.02 | 18.1474 | 32.555 | 16.22 | 16.8898 | 32.6555787 | 16.17 | 18.7835 |
| 32.454537 | 16 | 17.67 | 32.5551157 | 16.2 | 17.9644 | 32.6556944 | 16.16 | 18.7094 |
| 32.4546528 | 16.02 | 18.8013 | 32.5552315 | 16.22 | 19.0656 | 32.6558102 | 16.16 | 18.9874 |
| 32.4547685 | 16.02 | 18.4573 | 32.5553472 | 16.22 | 16.3458 | 32.6559259 | 16.16 | 18.6729 |
| 32.4548843 | 16.02 | 18.3666 | 32.555463 | 16.22 | 17.4226 | 32.6560417 | 16.15 | 18.5998 |
| 32.455 | 16.02 | 18.7767 | 32.5555787 | 16.22 | 17.5181 | 32.6561574 | 16.13 | 18.3646 |
| 32.4551157 | 16.02 | 18.6655 | 32.5556944 | 16.22 | 18.8146 | 32.6562732 | 16.13 | 18.5473 |
| 32.4552315 | 16.02 | 17.9717 | 32.5558102 | 16.22 | 17.9666 | 32.6563889 | 16.15 | 18.821 |
| 32.4553472 | 16 | 17.3504 | 32.5559259 | 16.22 | 19.3145 | 32.6565046 | 16.15 | 18.5774 |
| 32.455463 | 16 | 17.6024 | 32.5560417 | 16.22 | 18.739 | 32.6566204 | 16.15 | 18.4108 |
| 32.4555787 | 16 | 17.1896 | 32.5561574 | 16.22 | 18.3736 | 32.6567361 | 16.15 | 18.4007 |
| 32.4556944 | 16 | 17.9329 | 32.5562732 | 16.23 | 15.0162 | 32.6568519 | 16.15 | 18.3287 |
| 32.4558102 | 16.02 | 17.4902 | 32.5563889 | 16.23 | 13.2314 | 32.6569676 | 16.15 | 18.3856 |
| 32.4559259 | 16.03 | 18.6608 | 32.5565046 | 16.23 | 13.1347 | 32.6570833 | 16.16 | 18.5728 |
| 32.4560417 | 16 | 16.99 | 32.5566204 | 16.22 | 21.4048 | 32.6571991 | 16.17 | 18.8328 |
| 32.4561574 | 16 | 17.4612 | 32.5567361 | 16.23 | 22.2238 | 32.6573148 | 16.16 | 18.7007 |
| 32.4562732 | 16 | 16.5608 | 32.5568519 | 16.23 | 21.7896 | 32.6574306 | 16.17 | 19.203 |
| 32.4563889 | 16.03 | 19.1144 | 32.5569676 | 16.23 | 20.1626 | 32.6575463 | 16.17 | 18.9449 |
| 32.4565046 | 16.03 | 18.9862 | 32.5570833 | 16.22 | 18.2056 | 32.657662 | 16.17 | 19.0024 |
| 32.4566204 | 16.03 | 18.8159 | 32.5571991 | 16.23 | 15.3505 | 32.6577778 | 16.17 | 19.5817 |
| 32.4567361 | 16 | 17.2483 | 32.5573148 | 16.23 | 19.9151 | 32.6578935 | 16.19 | 19.4174 |
| 32.4568519 | 16.02 | 18.6534 | 32.5574306 | 16.23 | 19.6684 | 32.6580093 | 16.16 | 18.8482 |
| 32.4569676 | 16.03 | 18.9952 | 32.5575463 | 16.22 | 18.2287 | 32.658125 | 16.15 | 18.6949 |
| 32.4570833 | 16.04 | 19.7875 | 32.557662 | 16.22 | 18.305 | 32.6582407 | 16.16 | 18.7443 |
| 32.4571991 | 16 | 16.6777 | 32.5577778 | 16.22 | 19.4902 | 32.6583565 | 16.16 | 18.6937 |
| 32.4573148 | 15.99 | 16.3446 | 32.5578935 | 16.22 | 17.5348 | 32.6584722 | 16.16 | 18.7601 |
| 32.4574306 | 16.03 | 18.9505 | 32.5580093 | 16.23 | 14.4926 | 32.658588 | 16.16 | 18.8783 |
| 32.4575463 | 16.03 | 18.6764 | 32.558125 | 16.22 | 18.9823 | 32.6587037 | 16.16 | 18.8005 |
| 32.457662 | 16.02 | 17.6519 | 32.5582407 | 16.22 | 17.4573 | 32.6588194 | 16.17 | 18.8435 |
| 32.4577778 | 16 | 17.0417 | 32.5583565 | 16.22 | 19.787 | 32.6589352 | 16.17 | 19.1058 |
| 32.4578935 | 15.97 | 16.1358 | 32.5584722 | 16.22 | 20.7341 | 32.6590509 | 16.16 | 18.8659 |
| 32.4580093 | 16.02 | 18.4505 | 32.558588 | 16.19 | 18.1568 | 32.6591667 | 16.16 | 18.797 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.458125 | 16.04 | 19.8564 | 32.5587037 | 16.19 | 18.607 | 32.6592824 | 16.16 | 19.0451 |
| 32.4582407 | 16.04 | 18.8112 | 32.5588194 | 16.2 | 15.1671 | 32.6593982 | 16.16 | 18.9211 |
| 32.4583565 | 16.02 | 18.5114 | 32.5589352 | 16.22 | 19.7496 | 32.6595139 | 16.15 | 18.5534 |
| 32.4584722 | 16.02 | 18.6241 | 32.5590509 | 16.2 | 19.6637 | 32.6596296 | 16.13 | 18.4251 |
| 32.458588 | 16.02 | 18.2144 | 32.5591667 | 16.2 | 18.4979 | 32.6597454 | 16.13 | 18.4673 |
| 32.4587037 | 16.02 | 18.5182 | 32.5592824 | 16.2 | 19.4675 | 32.6598611 | 16.12 | 18.3424 |
| 32.4588194 | 16.03 | 19.0276 | 32.5593982 | 16.22 | 21.1317 | 32.6599769 | 16.1 | 18.1747 |
| 32.4589352 | 16.03 | 18.8493 | 32.5595139 | 16.2 | 19.6423 | 32.6600926 | 16.12 | 18.2942 |
| 32.4590509 | 16.03 | 18.9898 | 32.5596296 | 16.19 | 17.4689 | 32.6602083 | 16.13 | 18.6022 |
| 32.4591667 | 16.04 | 20.2504 | 32.5597454 | 16.19 | 17.7755 | 32.6603241 | 16.13 | 18.6125 |
| 32.4592824 | 16.06 | 20.1478 | 32.5598611 | 16.19 | 17.9545 | 32.6604398 | 16.13 | 18.5987 |
| 32.4593982 | 16.04 | 19.8525 | 32.5599769 | 16.2 | 16.0472 | 32.6605556 | 16.13 | 18.7426 |
| 32.4595139 | 16.02 | 18.3217 | 32.5600926 | 16.2 | 19.732 | 32.6606713 | 16.13 | 18.8907 |
| 32.4596296 | 16.04 | 19.7522 | 32.5602083 | 16.2 | 20.1101 | 32.660787 | 16.13 | 18.6366 |
| 32.4597454 | 16.03 | 19.0691 | 32.5603241 | 16.22 | 18.2851 | 32.6609028 | 16.15 | 18.7735 |
| 32.4598611 | 16.06 | 20.5274 | 32.5604398 | 16.2 | 18.8205 | 32.6610185 | 16.13 | 18.383 |
| 32.4599769 | 16.06 | 19.9818 | 32.5605556 | 16.2 | 19.6152 | 32.6611343 | 16.1 | 18.2967 |
| 32.4600926 | 16.06 | 20.3086 | 32.5606713 | 16.22 | 20.3737 | 32.66125 | 16.12 | 18.5178 |
| 32.4602083 | 16.04 | 20.1009 | 32.560787 | 16.2 | 18.3008 | 32.6613657 | 16.1 | 18.1665 |
| 32.4603241 | 16.07 | 20.5885 | 32.5609028 | 16.22 | 20.211 | 32.6614815 | 16.1 | 18.1046 |
| 32.4604398 | 16.04 | 19.3007 | 32.5610185 | 16.2 | 19.2348 | 32.6615972 | 16.1 | 18.2075 |
| 32.4605556 | 16.04 | 19.8347 | 32.5611343 | 16.2 | 20.2896 | 32.661713 | 16.1 | 18.5151 |
| 32.4606713 | 16.03 | 19.1108 | 32.56125 | 16.2 | 18.9505 | 32.6618287 | 16.1 | 18.1306 |
| 32.460787 | 16.06 | 20.0382 | 32.5613657 | 16.2 | 19.7379 | 32.6619444 | 16.1 | 18.1813 |
| 32.4609028 | 16.06 | 20.1683 | 32.5614815 | 16.2 | 19.8602 | 32.6620602 | 16.1 | 18.0593 |
| 32.4610185 | 16 | 17.3118 | 32.5615972 | 16.2 | 19.4201 | 32.6621759 | 16.1 | 18.2851 |
| 32.4611343 | 16.03 | 18.7006 | 32.561713 | 16.2 | 17.8751 | 32.6622917 | 16.1 | 18.019 |
| 32.46125 | 16.04 | 19.9179 | 32.5618287 | 16.2 | 17.3427 | 32.6624074 | 16.1 | 17.9294 |
| 32.4613657 | 16.1 | 22.1463 | 32.5619444 | 16.2 | 19.0442 | 32.6625232 | 16.1 | 17.9039 |
| 32.4614815 | 16.1 | 22.6553 | 32.5620602 | 16.2 | 20.1203 | 32.6626389 | 16.09 | 17.8499 |
| 32.4615972 | 16.1 | 21.4738 | 32.5621759 | 16.2 | 16.6263 | 32.6627546 | 16.1 | 18.09 |
| 32.461713 | 16.1 | 22.6606 | 32.5622917 | 16.2 | 19.2943 | 32.6628704 | 16.12 | 19.3553 |
| 32.4618287 | 16.09 | 20.5975 | 32.5624074 | 16.2 | 20.0775 | 32.6629861 | 16.1 | 18.804 |
| 32.4619444 | 16.06 | 19.3432 | 32.5625232 | 16.2 | 19.6831 | 32.6631019 | 16.1 | 18.1698 |
| 32.4620602 | 16.02 | 16.7262 | 32.5626389 | 16.2 | 19.9581 | 32.6632176 | 16.1 | 18.3851 |
| 32.4621759 | 16.03 | 18.0136 | 32.5627546 | 16.22 | 16.8529 | 32.6633333 | 16.1 | 18.2735 |
| 32.4622917 | 16.03 | 18.8124 | 32.5628704 | 16.22 | 18.031 | 32.6634491 | 16.1 | 18.2042 |
| 32.4624074 | 16.04 | 19.31 | 32.5629861 | 16.22 | 17.2923 | 32.6635648 | 16.1 | 18.3734 |
| 32.4625232 | 16.06 | 19.5396 | 32.5631019 | 16.22 | 19.0022 | 32.6636806 | 16.1 | 18.3968 |
| 32.4626389 | 16.04 | 19.2673 | 32.5632176 | 16.22 | 20.9644 | 32.6637963 | 16.1 | 18.3851 |
| 32.4627546 | 16.07 | 20.4164 | 32.5633333 | 16.22 | 19.4331 | 32.663912 | 16.1 | 18.7882 |
| 32.4628704 | 16.04 | 18.5908 | 32.5634491 | 16.23 | 17.3746 | 32.6640278 | 16.1 | 18.2884 |
| 32.4629861 | 16.09 | 20.2209 | 32.5635648 | 16.25 | 13.1932 | 32.6641435 | 16.1 | 18.2075 |
| 32.4631019 | 16.02 | 16.6708 | 32.5636806 | 16.25 | 12.8846 | 32.6642593 | 16.1 | 18.5766 |
| 32.4632176 | 16.04 | 19.157 | 32.5637963 | 16.23 | 16.1018 | 32.664375 | 16.1 | 18.0512 |
| 32.4633333 | 16.03 | 18.5255 | 32.563912 | 16.25 | 15.7565 | 32.6644907 | 16.09 | 17.3844 |
| 32.4634491 | 16.04 | 19.0264 | 32.5640278 | 16.25 | 14.2195 | 32.6646065 | 16.06 | 17.1245 |
| 32.4635648 | 16.02 | 17.7712 | 32.5641435 | 16.23 | 16.6111 | 32.6647222 | 16.1 | 19.257 |
| 32.4636806 | 16.04 | 19.3566 | 32.5642593 | 16.25 | 15.672 | 32.664838 | 16.07 | 17.2446 |
| 32.4637963 | 16.06 | 20.2361 | 32.564375 | 16.23 | 19.8176 | 32.6649537 | 16.04 | 16.8383 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.463912 | 16.1 | 22.7672 | 32.5644907 | 16.23 | 19.6141 | 32.6650694 | 16.09 | 17.5126 |
| 32.4640278 | 16.12 | 23.0076 | 32.5646065 | 16.23 | 19.1724 | 32.6651852 | 16.04 | 17.0002 |
| 32.4641435 | 16.04 | 18.5668 | 32.5647222 | 16.25 | 19.9775 | 32.6653009 | 16.06 | 17.0319 |
| 32.4642593 | 16.1 | 22.5604 | 32.564838 | 16.23 | 20.5835 | 32.6654167 | 16.06 | 16.9147 |
| 32.464375 | 16.1 | 21.6401 | 32.5649537 | 16.23 | 19.9392 | 32.6655324 | 16.07 | 17.1902 |
| 32.4644907 | 16.09 | 20.9833 | 32.5650694 | 16.26 | 12.4976 | 32.6656482 | 16.09 | 17.6873 |
| 32.4646065 | 16.1 | 22.5211 | 32.5651852 | 16.28 | 12.6947 | 32.6657639 | 16.1 | 18.7689 |
| 32.4647222 | 16.1 | 21.4503 | 32.5653009 | 16.26 | 19.9162 | 32.6658796 | 16.1 | 18.8481 |
| 32.464838 | 16.09 | 19.8276 | 32.5654167 | 16.26 | 19.0884 | 32.6659954 | 16.1 | 19.1649 |
| 32.4649537 | 16.07 | 19.508 | 32.5655324 | 16.26 | 16.1633 | 32.6661111 | 16.12 | 19.5217 |
| 32.4650694 | 16.07 | 19.5922 | 32.5656482 | 16.26 | 15.2371 | 32.6662269 | 16.1 | 19.1484 |
| 32.4651852 | 16.04 | 18.8605 | 32.5657639 | 16.28 | 13.9172 | 32.6663426 | 16.1 | 18.7287 |
| 32.4653009 | 16.1 | 21.0161 | 32.5658796 | 16.28 | 14.9514 | 32.6664583 | 16.1 | 18.4086 |
| 32.4654167 | 16.1 | 22.2629 | 32.5659954 | 16.26 | 19.1415 | 32.6665741 | 16.1 | 18.2404 |
| 32.4655324 | 16.06 | 18.7737 | 32.5661111 | 16.28 | 15.7093 | 32.6666898 | 16.1 | 18.4541 |
| 32.4656482 | 16.06 | 19.36 | 32.5662269 | 16.26 | 20.0433 | 32.6668056 | 16.1 | 18.8216 |
| 32.4657639 | 16.04 | 18.9779 | 32.5663426 | 16.28 | 15.7853 | 32.6669213 | 16.1 | 19.1155 |
| 32.4658796 | 16.04 | 18.7012 | 32.5664583 | 16.25 | 20.6467 | 32.667037 | 16.1 | 19.0737 |
| 32.4659954 | 16.06 | 19.3694 | 32.5665741 | 16.26 | 15.7589 | 32.6671528 | 16.12 | 19.6332 |
| 32.4661111 | 16.06 | 20.344 | 32.5666898 | 16.29 | 14.9619 | 32.6672685 | 16.13 | 20.0415 |
| 32.4662269 | 16.06 | 19.5129 | 32.5668056 | 16.28 | 10.7109 | 32.6673843 | 16.1 | 18.7165 |
| 32.4663426 | 16.06 | 19.439 | 32.5669213 | 16.26 | 10.9687 | 32.6675 | 16.1 | 18.1862 |
| 32.4664583 | 16.06 | 19.3432 | 32.567037 | 16.26 | 18.3704 | 32.6676157 | 16.1 | 18.1192 |
| 32.4665741 | 16.06 | 19.3731 | 32.5671528 | 16.26 | 18.3218 | 32.6677315 | 16.1 | 18.2141 |
| 32.4666898 | 16.06 | 19.5358 | 32.5672685 | 16.25 | 22.1898 | 32.6678472 | 16.1 | 18.4052 |
| 32.4668056 | 16.06 | 19.5932 | 32.5673843 | 16.26 | 17.8262 | 32.667963 | 16.1 | 18.3851 |
| 32.4669213 | 16.07 | 19.8752 | 32.5675 | 16.26 | 20.6763 | 32.6680787 | 16.1 | 18.1845 |
| 32.467037 | 16.07 | 19.9548 | 32.5676157 | 16.26 | 16.6139 | 32.6681944 | 16.1 | 18.522 |
| 32.4671528 | 16.07 | 19.9308 | 32.5677315 | 16.26 | 13.1942 | 32.6683102 | 16.1 | 18.6161 |
| 32.4672685 | 16.09 | 20.0961 | 32.5678472 | 16.28 | 16.3133 | 32.6684259 | 16.1 | 18.2157 |
| 32.4673843 | 16.09 | 20.4674 | 32.567963 | 16.26 | 19.9062 | 32.6685417 | 16.1 | 18.1078 |
| 32.4675 | 16.09 | 20.2292 | 32.5680787 | 16.26 | 15.3622 | 32.6686574 | 16.1 | 19.3127 |
| 32.4676157 | 16.09 | 20.5632 | 32.5681944 | 16.26 | 15.9597 | 32.6687732 | 16.1 | 19.0105 |
| 32.4677315 | 16.09 | 20.6384 | 32.5683102 | 16.04 | 1.1311 | 32.6688889 | 16.1 | 18.1014 |
| 32.4678472 | 16.1 | 21.2296 | 32.5684259 | 16.13 | 0.7381 | 32.6690046 | 16.07 | 17.8619 |
| 32.467963 | 16.1 | 22.091 | 32.5685417 | 16.26 | 19.3046 | 32.6691204 | 16.1 | 18.2223 |
| 32.4680787 | 16.1 | 21.4057 | 32.5686574 | 16.26 | 25.0304 | 32.6692361 | 16.1 | 18.5066 |
| 32.4681944 | 16.1 | 21.1086 | 32.5687732 | 16.28 | 19.2354 | 32.6693519 | 16.1 | 18.5835 |
| 32.4683102 | 16.1 | 21.0815 | 32.5688889 | 16.26 | 21.749 | 32.6694676 | 16.1 | 18.8446 |
| 32.4684259 | 16.1 | 22.0835 | 32.5690046 | 16.26 | 20.5337 | 32.6695833 | 16.1 | 18.7497 |
| 32.4685417 | 16.1 | 21.6233 | 32.5691204 | 16.26 | 20.4569 | 32.6696991 | 16.1 | 18.5578 |
| 32.4686574 | 16.1 | 21.8312 | 32.5692361 | 16.26 | 20.6763 | 32.6698148 | 16.1 | 18.3449 |
| 32.4687732 | 16.1 | 21.8728 | 32.5693519 | 16.26 | 21.8961 | 32.6699306 | 16.09 | 18.0379 |
| 32.4688889 | 16.1 | 21.9764 | 32.5694676 | 16.26 | 19.9383 | 32.6700463 | 16.09 | 18.3012 |
| 32.4690046 | 16.1 | 21.6401 | 32.5695833 | 16.28 | 16.3146 | 32.670162 | 16.1 | 18.7724 |
| 32.4691204 | 16.1 | 21.1564 | 32.5696991 | 16.28 | 19.2819 | 32.6702778 | 16.1 | 19.1942 |
| 32.4692361 | 16.1 | 21.373 | 32.5698148 | 16.26 | 19.8127 | 32.6703935 | 16.1 | 18.9907 |
| 32.4693519 | 16.1 | 21.2227 | 32.5699306 | 16.28 | 18.218 | 32.6705093 | 16.1 | 18.8481 |
| 32.4694676 | 16.1 | 20.8978 | 32.5700463 | 16.26 | 19.532 | 32.670625 | 16.1 | 19.309 |
| 32.4695833 | 16.1 | 21.1792 | 32.570162 | 16.26 | 17.812 | 32.6707407 | 16.1 | 19.2588 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4696991 | 16.09 | 20.5932 | 32.5702778 | 16.26 | 17.7414 | 32.6708565 | 16.1 | 18.9013 |
| 32.4698148 | 16.1 | 20.9579 | 32.5703935 | 16.26 | 19.5051 | 32.6709722 | 16.1 | 18.9943 |
| 32.4699306 | 16.1 | 21.9393 | 32.5705093 | 16.25 | 17.2276 | 32.671088 | 16.1 | 19.2163 |
| 32.4700463 | 16.1 | 20.3132 | 32.570625 | 16.26 | 18.2502 | 32.6712037 | 16.1 | 19.6468 |
| 32.470162 | 16.1 | 21.1291 | 32.5707407 | 16.25 | 20.5282 | 32.6713194 | 16.1 | 18.9656 |
| 32.4702778 | 16.1 | 21.1564 | 32.5708565 | 16.25 | 17.6091 | 32.6714352 | 16.09 | 18.5539 |
| 32.4703935 | 16.1 | 21.2181 | 32.5709722 | 16.23 | 19.4454 | 32.6715509 | 16.09 | 18.6001 |
| 32.4705093 | 16.1 | 21.0544 | 32.571088 | 16.23 | 19.4454 | 32.6716667 | 16.07 | 18.5666 |
| 32.470625 | 16.1 | 21.145 | 32.5712037 | 16.23 | 19.2668 | 32.6717824 | 16.09 | 18.7456 |
| 32.4707407 | 16.1 | 22.1262 | 32.5713194 | 16.23 | 18.8507 | 32.6718982 | 16.07 | 18.7149 |
| 32.4708565 | 16.1 | 21.4268 | 32.5714352 | 16.23 | 18.6819 | 32.6720139 | 16.09 | 18.9793 |
| 32.4709722 | 16.1 | 20.7985 | 32.5715509 | 16.23 | 19.2892 | 32.6721296 | 16.09 | 18.9793 |
| 32.471088 | 16.09 | 20.7055 | 32.5716667 | 16.25 | 15.9754 | 32.6722454 | 16.09 | 18.7456 |
| 32.4712037 | 16.1 | 20.8823 | 32.5717824 | 16.23 | 18.5524 | 32.6723611 | 16.1 | 19.4877 |
| 32.4713194 | 16.09 | 19.6808 | 32.5718982 | 16.22 | 19.2215 | 32.6724769 | 16.1 | 19.4649 |
| 32.4714352 | 16.1 | 21.1609 | 32.5720139 | 16.22 | 19.6015 | 32.6725926 | 16.1 | 19.3313 |
| 32.4715509 | 15.91 | 8.8589 | 32.5721296 | 16.22 | 19.7084 | 32.6727083 | 16.12 | 20.0223 |
| 32.4716667 | 15.91 | 10.0122 | 32.5722454 | 16.22 | 19.3501 | 32.6728241 | 16.1 | 19.6159 |
| 32.4717824 | 16.02 | 18.3167 | 32.5723611 | 16.22 | 20.0349 | 32.6729398 | 16.1 | 19.1356 |
| 32.4718982 | 15.93 | 11.5202 | 32.5724769 | 16.2 | 20.2896 | | | |

DrEx 108

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 32.3754861 | 15.88 | 5.7177 | 32.4681944 | 16.22 | 19.1659 | 32.5609028 | 16.39 | 19.2057 |
| 32.3756019 | 15.88 | 4.1625 | 32.4683102 | 16.16 | 15.9682 | 32.5610185 | 16.39 | 19.5607 |
| 32.3757176 | 15.88 | 4.1936 | 32.4684259 | 16.27 | 21.7541 | 32.5611343 | 16.4 | 20.1611 |
| 32.3758333 | 15.87 | 3.3961 | 32.4685417 | 16.29 | 21.7838 | 32.56125 | 16.38 | 15.7707 |
| 32.3759491 | 15.87 | 3.3994 | 32.4686574 | 16.14 | 14.4762 | 32.5613657 | 16.38 | 17.0948 |
| 32.3760648 | 15.87 | 3.2547 | 32.4687732 | 16.2 | 18.1581 | 32.5614815 | 16.38 | 17.8371 |
| 32.3761806 | 15.87 | 3.985 | 32.4688889 | 16.25 | 20.6065 | 32.5615972 | 16.38 | 18.9458 |
| 32.3762963 | 15.92 | 7.2826 | 32.4690046 | 16.25 | 20.5166 | 32.561713 | 16.38 | 16.4121 |
| 32.376412 | 16 | 11.9127 | 32.4691204 | 16.24 | 19.7619 | 32.5618287 | 16.38 | 18.0664 |
| 32.3765278 | 15.92 | 6.432 | 32.4692361 | 16.06 | 9.3536 | 32.5619444 | 16.38 | 17.4889 |
| 32.3766435 | 15.91 | 5.5711 | 32.4693519 | 16.18 | 18.0001 | 32.5620602 | 16.38 | 16.8406 |
| 32.3767593 | 15.88 | 4.4635 | 32.4694676 | 16.22 | 19.9291 | 32.5621759 | 16.39 | 19.6455 |
| 32.376875 | 15.85 | 2.8649 | 32.4695833 | 16.24 | 19.9662 | 32.5622917 | 16.38 | 17.9209 |
| 32.3769907 | 15.85 | 3.2312 | 32.4696991 | 16.22 | 19.1235 | 32.5624074 | 16.38 | 18.9651 |
| 32.3771065 | 15.88 | 4.6961 | 32.4698148 | 16.21 | 19.4081 | 32.5625232 | 16.38 | 17.625 |
| 32.3772222 | 15.87 | 3.868 | 32.4699306 | 16.24 | 19.7705 | 32.5626389 | 16.38 | 18.1143 |
| 32.377338 | 15.85 | 3.6838 | 32.4700463 | 16.25 | 20.4692 | 32.5627546 | 16.38 | 16.8623 |
| 32.3774537 | 15.84 | 2.804 | 32.470162 | 16.27 | 21.096 | 32.5628704 | 16.38 | 18.9458 |
| 32.3775694 | 15.84 | 2.6165 | 32.4702778 | 16.31 | 22.1018 | 32.5629861 | 16.38 | 18.7561 |
| 32.3776852 | 15.87 | 4.7072 | 32.4703935 | 16.33 | 23.1618 | 32.5631019 | 16.39 | 20.3021 |
| 32.3778009 | 15.89 | 7.1425 | 32.4705093 | 16.32 | 22.1172 | 32.5632176 | 16.38 | 19.1091 |
| 32.3779167 | 15.87 | 3.8003 | 32.470625 | 16.29 | 21.1585 | 32.5633333 | 16.38 | 19.4846 |
| 32.3780324 | 15.85 | 3.0611 | 32.4707407 | 16.22 | 18.7173 | 32.5634491 | 16.38 | 19.4259 |
| 32.3781482 | 15.85 | 2.6434 | 32.4708565 | 16.32 | 22.2282 | 32.5635648 | 16.38 | 20.1871 |
| 32.3782639 | 15.84 | 2.7109 | 32.4709722 | 16.36 | 23.6808 | 32.5636806 | 16.38 | 18.3519 |
| 32.3783796 | 15.87 | 3.8655 | 32.471088 | 16.38 | 23.8113 | 32.5637963 | 16.36 | 19.5347 |
| 32.3784954 | 15.88 | 4.4678 | 32.4712037 | 16.27 | 19.9704 | 32.563912 | 16.36 | 18.1623 |
| 32.3786111 | 15.87 | 3.7193 | 32.4713194 | 16.25 | 19.5091 | 32.5640278 | 16.38 | 17.0013 |
| 32.3787269 | 15.88 | 3.9314 | 32.4714352 | 16.2 | 17.6984 | 32.5641435 | 16.38 | 16.6526 |
| 32.3788426 | 15.85 | 2.7797 | 32.4715509 | 16.24 | 19.9313 | 32.5642593 | 16.36 | 18.4887 |
| 32.3789583 | 15.84 | 2.5281 | 32.4716667 | 16.21 | 18.4991 | 32.564375 | 16.36 | 16.8653 |
| 32.3790741 | 15.92 | 7.5122 | 32.4717824 | 16.21 | 19.0925 | 32.5644907 | 16.36 | 18.821 |
| 32.3791898 | 15.92 | 7.7842 | 32.4718982 | 16.25 | 20.0875 | 32.5646065 | 16.36 | 17.2478 |
| 32.3793056 | 15.92 | 6.8699 | 32.4720139 | 16.25 | 20.091 | 32.5647222 | 16.35 | 18.907 |
| 32.3794213 | 15.92 | 6.8762 | 32.4721296 | 16.22 | 18.9331 | 32.564838 | 16.36 | 17.4365 |
| 32.379537 | 15.91 | 6.7314 | 32.4722454 | 16.21 | 18.3274 | 32.5649537 | 16.36 | 18.329 |
| 32.3796528 | 15.88 | 4.7071 | 32.4723611 | 16.18 | 17.4608 | 32.5650694 | 16.35 | 19.3255 |
| 32.3797685 | 15.88 | 4.7349 | 32.4724769 | 16.21 | 18.2849 | 32.5651852 | 16.36 | 16.5414 |
| 32.3798843 | 15.88 | 5.0294 | 32.4725926 | 16.27 | 20.5429 | 32.5653009 | 16.36 | 18.4424 |
| 32.38 | 15.85 | 3.506 | 32.4727083 | 16.28 | 20.9686 | 32.5654167 | 16.35 | 19.0406 |
| 32.3801157 | 15.85 | 3.3534 | 32.4728241 | 16.28 | 20.7671 | 32.5655324 | 16.35 | 19.4321 |
| 32.3802315 | 15.87 | 3.5571 | 32.4729398 | 16.29 | 21.1219 | 32.5656482 | 16.36 | 17.2856 |
| 32.3803472 | 15.88 | 4.2401 | 32.4730556 | 16.29 | 21.3295 | 32.5657639 | 16.38 | 17.0673 |
| 32.380463 | 15.99 | 12.9253 | 32.4731713 | 16.29 | 21.0989 | 32.5658796 | 16.36 | 16.9605 |
| 32.3805787 | 16.02 | 13.5548 | 32.473287 | 16.29 | 21.0109 | 32.5659954 | 16.36 | 16.9278 |
| 32.3806944 | 15.91 | 4.4066 | 32.4734028 | 16.24 | 18.9125 | 32.5661111 | 16.36 | 19.0472 |
| 32.3808102 | 15.88 | 4.2542 | 32.4735185 | 16.24 | 19.3753 | 32.5662269 | 16.36 | 17.582 |
| 32.3809259 | 15.88 | 4.3492 | 32.4736343 | 16.22 | 19.1773 | 32.5663426 | 16.36 | 16.6609 |
| 32.3810417 | 15.87 | 3.7055 | 32.47375 | 16.24 | 19.5308 | 32.5664583 | 16.36 | 17.1935 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3811574 | 15.87 | 3.9187 | 32.4738657 | 16.24 | 19.3355 | 32.5665741 | 16.36 | 16.8085 |
| 32.3812732 | 15.87 | 3.7193 | 32.4739815 | 16.22 | 19.5726 | 32.5666898 | 16.35 | 16.8019 |
| 32.3813889 | 15.98 | 9.7803 | 32.4740972 | 16.22 | 19.2035 | 32.5668056 | 16.36 | 16.0764 |
| 32.3815046 | 15.95 | 8.5035 | 32.474213 | 16.21 | 18.8851 | 32.5669213 | 16.36 | 16.5691 |
| 32.3816204 | 16.09 | 17.0586 | 32.4743287 | 16.24 | 19.3736 | 32.567037 | 16.36 | 17.1393 |
| 32.3817361 | 16.14 | 18.1029 | 32.4744444 | 16.18 | 17.8265 | 32.5671528 | 16.36 | 16.6382 |
| 32.3818519 | 16.07 | 14.6544 | 32.4745602 | 16.22 | 19.1577 | 32.5672685 | 16.36 | 17.0262 |
| 32.3819676 | 16.14 | 20.0933 | 32.4746759 | 16.24 | 19.4536 | 32.5673843 | 16.38 | 19.3942 |
| 32.3820833 | 16.16 | 19.0597 | 32.4747917 | 16.22 | 18.8979 | 32.5675 | 16.38 | 19.0264 |
| 32.3821991 | 16.09 | 14.9914 | 32.4749074 | 16.22 | 19.1268 | 32.5676157 | 16.4 | 21.8523 |
| 32.3823148 | 16.09 | 16.4406 | 32.4750232 | 16.22 | 18.7946 | 32.5677315 | 16.42 | 21.4392 |
| 32.3824306 | 16.11 | 16.5388 | 32.4751389 | 16.21 | 18.4375 | 32.5678472 | 16.39 | 16.1322 |
| 32.3825463 | 16.09 | 15.379 | 32.4752546 | 16.25 | 20.0664 | 32.567963 | 16.39 | 19.0962 |
| 32.382662 | 16.1 | 15.9416 | 32.4753704 | 16.28 | 21.0945 | 32.5680787 | 16.4 | 20.9192 |
| 32.3827778 | 16.1 | 16.199 | 32.4754861 | 16.25 | 19.8812 | 32.5681944 | 16.38 | 16.698 |
| 32.3828935 | 16.1 | 16.0239 | 32.4756019 | 16.28 | 20.3344 | 32.5683102 | 16.42 | 21.4115 |
| 32.3830093 | 16.11 | 16.2995 | 32.4757176 | 16.25 | 20.0699 | 32.5684259 | 16.42 | 21.9482 |
| 32.383125 | 16.14 | 17.8092 | 32.4758333 | 16.25 | 19.9176 | 32.5685417 | 16.42 | 21.459 |
| 32.3832407 | 16.14 | 18.4023 | 32.4759491 | 16.27 | 20.5686 | 32.5686574 | 16.38 | 19.0831 |
| 32.3833565 | 16.13 | 16.7138 | 32.4760648 | 16.27 | 20.4808 | 32.5687732 | 16.36 | 19.4507 |
| 32.3834722 | 16.09 | 15.3827 | 32.4761806 | 16.27 | 20.5338 | 32.5688889 | 16.38 | 17.0425 |
| 32.383588 | 16.09 | 14.8738 | 32.4762963 | 16.28 | 20.5506 | 32.5690046 | 16.39 | 14.7084 |
| 32.3837037 | 16.06 | 13.2401 | 32.476412 | 16.28 | 20.8252 | 32.5691204 | 16.39 | 18.7546 |
| 32.3838194 | 16.1 | 16.7598 | 32.4765278 | 16.31 | 21.6799 | 32.5692361 | 16.39 | 19.0168 |
| 32.3839352 | 16.22 | 20.8676 | 32.4766435 | 16.29 | 21.4731 | 32.5693519 | 16.42 | 20.5561 |
| 32.3840509 | 16.28 | 22.521 | 32.4767593 | 16.29 | 21.7635 | 32.5694676 | 16.43 | 22.3578 |
| 32.3841667 | 16.22 | 19.5726 | 32.476875 | 16.31 | 21.4288 | 32.5695833 | 16.43 | 22.1234 |
| 32.3842824 | 16.22 | 20.8997 | 32.4769907 | 16.27 | 19.7249 | 32.5696991 | 16.39 | 18.7562 |
| 32.3843982 | 16.27 | 22.0408 | 32.4771065 | 16.28 | 20.9477 | 32.5698148 | 16.39 | 17.7145 |
| 32.3845139 | 16.27 | 21.2854 | 32.4772222 | 16.27 | 20.0775 | 32.5699306 | 16.42 | 21.1672 |
| 32.3846296 | 16.14 | 16.4135 | 32.477338 | 16.28 | 21.1715 | 32.5700463 | 16.4 | 20.7761 |
| 32.3847454 | 16.05 | 12.3228 | 32.4774537 | 16.27 | 20.2622 | 32.570162 | 16.39 | 16.2571 |
| 32.3848611 | 16.11 | 16.4036 | 32.4775694 | 16.24 | 19.2103 | 32.5702778 | 16.42 | 21.764 |
| 32.3849769 | 15.98 | 8.8255 | 32.4776852 | 16.25 | 19.4521 | 32.5703935 | 16.39 | 20.8 |
| 32.3850926 | 16.11 | 15.7422 | 32.4778009 | 16.24 | 19.5628 | 32.5705093 | 16.4 | 20.9154 |
| 32.3852083 | 16.11 | 17.1978 | 32.4779167 | 16.27 | 20.5338 | 32.570625 | 16.4 | 21.3395 |
| 32.3853241 | 16.17 | 19.3015 | 32.4780324 | 16.27 | 20.0987 | 32.5707407 | 16.4 | 21.201 |
| 32.3854398 | 16.05 | 9.4462 | 32.4781482 | 16.25 | 19.3025 | 32.5708565 | 16.39 | 19.9632 |
| 32.3855556 | 16.18 | 19.7179 | 32.4782639 | 16.27 | 20.1535 | 32.5709722 | 16.39 | 20.509 |
| 32.3856713 | 16.18 | 18.8562 | 32.4783796 | 16.27 | 19.9373 | 32.571088 | 16.38 | 20.5582 |
| 32.385787 | 16.13 | 17.1878 | 32.4784954 | 16.24 | 19.3272 | 32.5712037 | 16.39 | 20.1661 |
| 32.3859028 | 16.1 | 16.2906 | 32.4786111 | 16.31 | 21.9919 | 32.5713194 | 16.39 | 20.9719 |
| 32.3860185 | 16.1 | 15.6828 | 32.4787269 | 16.32 | 22.1988 | 32.5714352 | 16.38 | 19.4092 |
| 32.3861343 | 16.13 | 17.2198 | 32.4788426 | 16.27 | 19.6192 | 32.5715509 | 16.39 | 19.2749 |
| 32.38625 | 16.09 | 14.771 | 32.4789583 | 16.24 | 19.0136 | 32.5716667 | 16.38 | 20.026 |
| 32.3863657 | 16.09 | 15.9115 | 32.4790741 | 16.25 | 19.7364 | 32.5717824 | 16.39 | 20.2035 |
| 32.3864815 | 16.1 | 16.0977 | 32.4791898 | 16.28 | 20.7299 | 32.5718982 | 16.39 | 20.6731 |
| 32.3865972 | 16.1 | 14.7662 | 32.4793056 | 16.27 | 20.3882 | 32.5720139 | 16.39 | 20.6009 |
| 32.386713 | 16.02 | 11.1563 | 32.4794213 | 16.27 | 20.4262 | 32.5721296 | 16.39 | 20.3255 |
| 32.3868287 | 15.98 | 8.7315 | 32.479537 | 16.27 | 20.5246 | 32.5722454 | 16.39 | 19.9335 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3869444 | 16.2 | 19.4279 | 32.4796528 | 16.27 | 19.9373 | 32.5723611 | 16.39 | 19.7396 |
| 32.3870602 | 16.13 | 17.6154 | 32.4797685 | 16.27 | 20.3575 | 32.5724769 | 16.39 | 17.9889 |
| 32.3871759 | 16.1 | 16.3425 | 32.4798843 | 16.28 | 21.1041 | 32.5725926 | 16.39 | 20.2339 |
| 32.3872917 | 16.17 | 19.1555 | 32.48 | 16.27 | 20.428 | 32.5727083 | 16.39 | 19.1321 |
| 32.3874074 | 16.1 | 14.9287 | 32.4801157 | 16.27 | 20.0599 | 32.5728241 | 16.39 | 20.3562 |
| 32.3875232 | 16.06 | 14.1894 | 32.4802315 | 16.29 | 21.6465 | 32.5729398 | 16.39 | 20.2214 |
| 32.3876389 | 16.1 | 18.1285 | 32.4803472 | 16.29 | 21.3706 | 32.5730556 | 16.39 | 17.9002 |
| 32.3877546 | 16.22 | 20.802 | 32.480463 | 16.28 | 20.4903 | 32.5731713 | 16.39 | 19.1549 |
| 32.3878704 | 16.1 | 15.0729 | 32.4805787 | 16.25 | 19.3257 | 32.573287 | 16.39 | 20.7551 |
| 32.3879861 | 16.06 | 14.1401 | 32.4806944 | 16.24 | 19.1514 | 32.5734028 | 16.39 | 19.8379 |
| 32.3881019 | 16.1 | 16.2596 | 32.4808102 | 16.25 | 19.5816 | 32.5735185 | 16.39 | 20.2249 |
| 32.3882176 | 16.1 | 15.9985 | 32.4809259 | 16.28 | 20.6445 | 32.5736343 | 16.39 | 18.8786 |
| 32.3883333 | 16.1 | 15.9555 | 32.4810417 | 16.27 | 19.7712 | 32.57375 | 16.39 | 19.7551 |
| 32.3884491 | 16.18 | 19.5668 | 32.4811574 | 16.27 | 19.7506 | 32.5738657 | 16.39 | 19.6047 |
| 32.3885648 | 16.2 | 19.3813 | 32.4812732 | 16.28 | 21.1426 | 32.5739815 | 16.39 | 19.3229 |
| 32.3886806 | 16.09 | 13.7816 | 32.4813889 | 16.28 | 20.8402 | 32.5740972 | 16.39 | 18.6633 |
| 32.3887963 | 16.14 | 17.2866 | 32.4815046 | 16.28 | 20.6482 | 32.574213 | 16.39 | 17.5488 |
| 32.388912 | 16.06 | 12.9079 | 32.4816204 | 16.28 | 20.6261 | 32.5743287 | 16.4 | 17.4092 |
| 32.3890278 | 16.18 | 19.295 | 32.4817361 | 16.29 | 21.0701 | 32.5744444 | 16.39 | 17.8958 |
| 32.3891435 | 16.09 | 15.4617 | 32.4818519 | 16.29 | 21.174 | 32.5745602 | 16.39 | 17.7756 |
| 32.3892593 | 16.13 | 17.1698 | 32.4819676 | 16.29 | 21.4671 | 32.5746759 | 16.4 | 18.1322 |
| 32.389375 | 16.09 | 14.6309 | 32.4820833 | 16.31 | 21.8278 | 32.5747917 | 16.39 | 18.826 |
| 32.3894907 | 16.1 | 15.5557 | 32.4821991 | 16.31 | 21.2331 | 32.5749074 | 16.39 | 18.5291 |
| 32.3896065 | 16.13 | 17.5168 | 32.4823148 | 16.32 | 22.0216 | 32.5750232 | 16.39 | 18.5866 |
| 32.3897222 | 16.09 | 14.7362 | 32.4824306 | 16.32 | 21.9699 | 32.5751389 | 16.39 | 18.6821 |
| 32.389838 | 16.09 | 14.8176 | 32.4825463 | 16.32 | 21.8959 | 32.5752546 | 16.4 | 18.6838 |
| 32.3899537 | 16.05 | 12.8127 | 32.482662 | 16.32 | 21.9308 | 32.5753704 | 16.39 | 18.5617 |
| 32.3900694 | 16.1 | 16.4679 | 32.4827778 | 16.32 | 21.8713 | 32.5754861 | 16.42 | 16.7162 |
| 32.3901852 | 16.18 | 20.1953 | 32.4828935 | 16.32 | 21.802 | 32.5756019 | 16.42 | 16.8577 |
| 32.3903009 | 16.14 | 17.8238 | 32.4830093 | 16.31 | 21.5956 | 32.5757176 | 16.43 | 17.4387 |
| 32.3904167 | 16.13 | 16.7272 | 32.483125 | 16.32 | 21.9144 | 32.5758333 | 16.43 | 17.1469 |
| 32.3905324 | 16.06 | 13.1715 | 32.4832407 | 16.29 | 21.2748 | 32.5759491 | 16.43 | 16.9024 |
| 32.3906482 | 16.11 | 16.7906 | 32.4833565 | 16.31 | 21.4782 | 32.5760648 | 16.44 | 16.7872 |
| 32.3907639 | 16.05 | 11.6725 | 32.4834722 | 16.31 | 21.5199 | 32.5761806 | 16.42 | 19.2226 |
| 32.3908796 | 16.1 | 15.8937 | 32.483588 | 16.31 | 21.2915 | 32.5762963 | 16.43 | 18.2091 |
| 32.3909954 | 16.07 | 14.497 | 32.4837037 | 16.31 | 21.6719 | 32.576412 | 16.42 | 19.0446 |
| 32.3911111 | 16.1 | 15.6345 | 32.4838194 | 16.29 | 20.7377 | 32.5765278 | 16.43 | 17.8516 |
| 32.3912269 | 16.05 | 12.9777 | 32.4839352 | 16.31 | 20.915 | 32.5766435 | 16.43 | 17.5715 |
| 32.3913426 | 16.05 | 13.008 | 32.4840509 | 16.28 | 20.4702 | 32.5767593 | 16.44 | 17.327 |
| 32.3914583 | 16.16 | 19.1962 | 32.4841667 | 16.28 | 20.6132 | 32.576875 | 16.44 | 16.8846 |
| 32.3915741 | 16.11 | 15.4589 | 32.4842824 | 16.28 | 20.356 | 32.5769907 | 16.46 | 16.2172 |
| 32.3916898 | 16.13 | 17.098 | 32.4843982 | 16.28 | 19.849 | 32.5771065 | 16.42 | 18.9623 |
| 32.3918056 | 16.1 | 16.0417 | 32.4845139 | 16.27 | 20.1926 | 32.5772222 | 16.42 | 19.0268 |
| 32.3919213 | 16.05 | 12.5178 | 32.4846296 | 16.27 | 19.8834 | 32.577338 | 16.42 | 19.3234 |
| 32.392037 | 16.03 | 12.2618 | 32.4847454 | 16.25 | 19.831 | 32.5774537 | 16.42 | 20.0448 |
| 32.3921528 | 16.11 | 17.0199 | 32.4848611 | 16.28 | 20.3038 | 32.5775694 | 16.42 | 20.2134 |
| 32.3922685 | 16.14 | 17.8341 | 32.4849769 | 16.29 | 21.3628 | 32.5776852 | 16.42 | 19.0869 |
| 32.3923843 | 16.25 | 21.622 | 32.4850926 | 16.27 | 19.9286 | 32.5778009 | 16.43 | 18.863 |
| 32.3925 | 16.22 | 19.8217 | 32.4852083 | 16.25 | 19.5041 | 32.5779167 | 16.43 | 18.4042 |
| 32.3926157 | 16.11 | 15.4163 | 32.4853241 | 16.28 | 20.1662 | 32.5780324 | 16.43 | 19.014 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3927315 | 16.14 | 17.2433 | 32.4854398 | 16.27 | 19.689 | 32.5781482 | 16.44 | 18.4983 |
| 32.3928472 | 16.18 | 19.7299 | 32.4855556 | 16.27 | 20.0563 | 32.5782639 | 16.42 | 21.1228 |
| 32.392963 | 16.2 | 19.5099 | 32.4856713 | 16.28 | 20.3958 | 32.5783796 | 16.42 | 20.2098 |
| 32.3930787 | 16.2 | 19.6518 | 32.485787 | 16.28 | 20.6667 | 32.5784954 | 16.42 | 19.3002 |
| 32.3931944 | 16.17 | 18.2728 | 32.4859028 | 16.28 | 20.2214 | 32.5786111 | 16.42 | 19.3549 |
| 32.3933102 | 16.17 | 18.496 | 32.4860185 | 16.27 | 19.6362 | 32.5787269 | 16.42 | 19.8265 |
| 32.3934259 | 16.17 | 17.6438 | 32.4861343 | 16.25 | 19.4371 | 32.5788426 | 16.43 | 18.5231 |
| 32.3935417 | 16.13 | 16.7379 | 32.48625 | 16.28 | 19.962 | 32.5789583 | 16.43 | 18.3674 |
| 32.3936574 | 16.09 | 14.6286 | 32.4863657 | 16.27 | 19.9077 | 32.5790741 | 16.4 | 21.367 |
| 32.3937732 | 16.17 | 18.9632 | 32.4864815 | 16.28 | 20.5287 | 32.5791898 | 16.42 | 19.5342 |
| 32.3938889 | 16.16 | 18.3123 | 32.4865972 | 16.29 | 21.3569 | 32.5793056 | 16.42 | 19.2605 |
| 32.3940046 | 16.21 | 20.23 | 32.486713 | 16.25 | 19.2482 | 32.5794213 | 16.4 | 20.5259 |
| 32.3941204 | 16.24 | 21.1099 | 32.4868287 | 16.24 | 18.3931 | 32.579537 | 16.4 | 20.4765 |
| 32.3942361 | 16.14 | 17.281 | 32.4869444 | 16.2 | 16.0169 | 32.5796528 | 16.4 | 20.2629 |
| 32.3943519 | 16.14 | 16.9703 | 32.4870602 | 16.11 | 8.9357 | 32.5797685 | 16.4 | 20.3457 |
| 32.3944676 | 16.16 | 17.6684 | 32.4871759 | 16.18 | 16.1487 | 32.5798843 | 16.42 | 18.9687 |
| 32.3945833 | 16.05 | 11.8625 | 32.4872917 | 16.31 | 22.1039 | 32.58 | 16.4 | 21.1662 |
| 32.3946991 | 16.17 | 18.2682 | 32.4874074 | 16.25 | 20.2027 | 32.5801157 | 16.4 | 21.0296 |
| 32.3948148 | 16.11 | 16.4612 | 32.4875232 | 16.22 | 18.6327 | 32.5802315 | 16.4 | 18.478 |
| 32.3949306 | 16.14 | 17.511 | 32.4876389 | 16.25 | 19.6749 | 32.5803472 | 16.4 | 20.0073 |
| 32.3950463 | 16.11 | 16.2645 | 32.4877546 | 16.27 | 20.3918 | 32.580463 | 16.4 | 19.8036 |
| 32.395162 | 16.16 | 18.1597 | 32.4878704 | 16.28 | 20.9496 | 32.5805787 | 16.4 | 18.3291 |
| 32.3952778 | 16.11 | 16.5256 | 32.4879861 | 16.31 | 21.8359 | 32.5806944 | 16.4 | 18.7848 |
| 32.3953935 | 16.1 | 15.6284 | 32.4881019 | 16.32 | 22.3446 | 32.5808102 | 16.43 | 18.0126 |
| 32.3955093 | 16.11 | 16.3215 | 32.4882176 | 16.32 | 22.1946 | 32.5809259 | 16.4 | 20.0919 |
| 32.395625 | 16.13 | 16.7486 | 32.4883333 | 16.27 | 19.6277 | 32.5810417 | 16.42 | 18.5479 |
| 32.3957407 | 16.09 | 14.6956 | 32.4884491 | 16.29 | 20.916 | 32.5811574 | 16.42 | 18.7897 |
| 32.3958565 | 16.13 | 16.598 | 32.4885648 | 16.29 | 21.2127 | 32.5812732 | 16.43 | 17.4359 |
| 32.3959722 | 16.09 | 14.9949 | 32.4886806 | 16.2 | 15.794 | 32.5813889 | 16.42 | 18.1217 |
| 32.396088 | 16.13 | 16.8753 | 32.4887963 | 16.28 | 20.6371 | 32.5815046 | 16.43 | 17.1441 |
| 32.3962037 | 16.13 | 16.8213 | 32.488912 | 16.33 | 22.4542 | 32.5816204 | 16.4 | 19.5558 |
| 32.3963194 | 16.11 | 16.3151 | 32.4890278 | 16.33 | 22.6923 | 32.5817361 | 16.4 | 19.085 |
| 32.3964352 | 16.1 | 15.9176 | 32.4891435 | 16.33 | 22.4907 | 32.5818519 | 16.43 | 17.7653 |
| 32.3965509 | 16.11 | 16.796 | 32.4892593 | 16.18 | 14.7379 | 32.5819676 | 16.42 | 18.0798 |
| 32.3966667 | 16.11 | 16.6142 | 32.489375 | 16.25 | 19.263 | 32.5820833 | 16.42 | 18.8789 |
| 32.3967824 | 16.11 | 16.2284 | 32.4894907 | 16.31 | 21.2486 | 32.5821991 | 16.42 | 18.6603 |
| 32.3968982 | 16.11 | 16.5904 | 32.4896065 | 16.31 | 21.4861 | 32.5823148 | 16.4 | 19.4397 |
| 32.3970139 | 16.14 | 17.4485 | 32.4897222 | 16.33 | 22.3943 | 32.5824306 | 16.42 | 19.8855 |
| 32.3971296 | 16.13 | 17.3372 | 32.489838 | 16.35 | 22.9658 | 32.5825463 | 16.4 | 20.2593 |
| 32.3972454 | 16.17 | 18.9439 | 32.4899537 | 16.33 | 22.208 | 32.582662 | 16.42 | 19.249 |
| 32.3973611 | 16.16 | 16.9864 | 32.4900694 | 16.29 | 20.3816 | 32.5827778 | 16.42 | 19.0528 |
| 32.3974769 | 16.18 | 19.2014 | 32.4901852 | 16.35 | 22.4195 | 32.5828935 | 16.42 | 19.7696 |
| 32.3975926 | 16.17 | 18.5068 | 32.4903009 | 16.28 | 19.4945 | 32.5830093 | 16.42 | 19.7283 |
| 32.3977083 | 16.16 | 18.1223 | 32.4904167 | 16.25 | 18.3992 | 32.583125 | 16.42 | 19.2572 |
| 32.3978241 | 16.16 | 18.067 | 32.4905324 | 16.24 | 17.8686 | 32.5832407 | 16.42 | 18.7044 |
| 32.3979398 | 16.16 | 17.7931 | 32.4906482 | 16.33 | 22.2143 | 32.5833565 | 16.43 | 18.4426 |
| 32.3980556 | 16.14 | 17.6758 | 32.4907639 | 16.24 | 18.3701 | 32.5834722 | 16.44 | 17.2947 |
| 32.3981713 | 16.18 | 19.3198 | 32.4908796 | 16.21 | 17.255 | 32.583588 | 16.44 | 18.2288 |
| 32.398287 | 16.21 | 20.2336 | 32.4909954 | 16.24 | 16.8399 | 32.5837037 | 16.43 | 18.4859 |
| 32.3984028 | 16.22 | 20.5484 | 32.4911111 | 16.24 | 18.6297 | 32.5838194 | 16.43 | 18.9335 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3985185 | 16.2 | 18.9666 | 32.4912269 | 16.33 | 22.6074 | 32.5839352 | 16.42 | 19.5089 |
| 32.3986343 | 16.22 | 20.1609 | 32.4913426 | 16.22 | 16.3261 | 32.5840509 | 16.42 | 18.5013 |
| 32.39875 | 16.2 | 19.3664 | 32.4914583 | 16.24 | 18.0236 | 32.5841667 | 16.43 | 18.2348 |
| 32.3988657 | 16.22 | 20.2839 | 32.4915741 | 16.28 | 20.9307 | 32.5842824 | 16.43 | 18.8854 |
| 32.3989815 | 16.17 | 18.5362 | 32.4916898 | 16.25 | 18.3503 | 32.5843982 | 16.42 | 19.1947 |
| 32.3990972 | 16.17 | 18.5579 | 32.4918056 | 16.24 | 17.5829 | 32.5845139 | 16.43 | 19.1473 |
| 32.399213 | 16.06 | 13.2985 | 32.4919213 | 16.27 | 19.56 | 32.5846296 | 16.43 | 19.0027 |
| 32.3993287 | 16.16 | 18.5145 | 32.492037 | 16.27 | 18.9929 | 32.5847454 | 16.44 | 18.0052 |
| 32.3994444 | 16.17 | 17.6698 | 32.4921528 | 16.24 | 17.9569 | 32.5848611 | 16.43 | 18.5573 |
| 32.3995602 | 16.16 | 18.1193 | 32.4922685 | 16.22 | 17.2298 | 32.5849769 | 16.42 | 19.4334 |
| 32.3996759 | 16.18 | 18.9504 | 32.4923843 | 16.28 | 20.2393 | 32.5850926 | 16.43 | 18.6997 |
| 32.3997917 | 16.16 | 17.8749 | 32.4925 | 16.27 | 19.0381 | 32.5852083 | 16.42 | 19.0722 |
| 32.3999074 | 16.11 | 16.6901 | 32.4926157 | 16.2 | 15.7853 | 32.5853241 | 16.42 | 18.7485 |
| 32.4000232 | 16.28 | 21.7507 | 32.4927315 | 16.2 | 15.3127 | 32.5854398 | 16.43 | 18.6228 |
| 32.4001389 | 16.16 | 17.7175 | 32.4928472 | 16.24 | 17.9068 | 32.5855556 | 16.42 | 18.9736 |
| 32.4002546 | 16.1 | 15.7324 | 32.492963 | 16.27 | 19.0867 | 32.5856713 | 16.4 | 18.9444 |
| 32.4003704 | 16.13 | 17.2323 | 32.4930787 | 16.28 | 19.7165 | 32.585787 | 16.4 | 18.7137 |
| 32.4004861 | 16.06 | 12.3217 | 32.4931944 | 16.28 | 19.6517 | 32.5859028 | 16.43 | 18.6056 |
| 32.4006019 | 16.2 | 19.6145 | 32.4933102 | 16.21 | 0.3813 | 32.5860185 | 16.4 | 18.8468 |
| 32.4007176 | 16.05 | 9.9602 | 32.4934259 | 16.17 | 12.4187 | 32.5861343 | 16.42 | 18.2015 |
| 32.4008333 | 15.92 | 3.7063 | 32.4935417 | 16.27 | 19.1681 | 32.58625 | 16.42 | 18.7422 |
| 32.4009491 | 16.03 | 12.5535 | 32.4936574 | 16.11 | 0.079 | 32.5863657 | 16.43 | 17.9326 |
| 32.4010648 | 15.91 | 3.7782 | 32.4937732 | 16.21 | 14.4476 | 32.5864815 | 16.42 | 18.197 |
| 32.4011806 | 16 | 11.5411 | 32.4938889 | 16.28 | 18.7665 | 32.5865972 | 16.42 | 18.7312 |
| 32.4012963 | 16.24 | 21.4012 | 32.4940046 | 16.22 | 0.4346 | 32.586713 | 16.42 | 19.1488 |
| 32.401412 | 16.28 | 21.9157 | 32.4941204 | 16.29 | 18.9305 | 32.5868287 | 16.44 | 17.2135 |
| 32.4015278 | 16.14 | 15.6461 | 32.4942361 | 16.29 | 19.686 | 32.5869444 | 16.46 | 16.3926 |
| 32.4016435 | 16 | 8.217 | 32.4943519 | 16.31 | 19.6933 | 32.5870602 | 16.43 | 19.2722 |
| 32.4017593 | 16.13 | 18.4206 | 32.4944676 | 16.31 | 20.1814 | 32.5871759 | 16.42 | 19.2111 |
| 32.401875 | 16.03 | 10.912 | 32.4945833 | 16.29 | 18.5086 | 32.5872917 | 16.42 | 18.9736 |
| 32.4019907 | 15.92 | 0.2132 | 32.4946991 | 16.28 | 18.4299 | 32.5874074 | 16.42 | 19.5698 |
| 32.4021065 | 16.14 | 18.5269 | 32.4948148 | 16.27 | 16.3057 | 32.5875232 | 16.42 | 18.9575 |
| 32.4022222 | 16.22 | 20.0567 | 32.4949306 | 16.31 | 20.0223 | 32.5876389 | 16.44 | 17.6289 |
| 32.402338 | 16.27 | 21.4779 | 32.4950463 | 16.31 | 19.7669 | 32.5877546 | 16.42 | 18.9881 |
| 32.4024537 | 16.31 | 22.5213 | 32.495162 | 16.36 | 22.8423 | 32.5878704 | 16.39 | 20.6065 |
| 32.4025694 | 15.96 | 4.8677 | 32.4952778 | 16.27 | 15.7453 | 32.5879861 | 16.4 | 18.7326 |
| 32.4026852 | 16.07 | 10.6878 | 32.4953935 | 16.24 | 14.0701 | 32.5881019 | 16.42 | 18.4088 |
| 32.4028009 | 16.36 | 24.9631 | 32.4955093 | 16.27 | 16.3512 | 32.5882176 | 16.4 | 20.4109 |
| 32.4029167 | 16.07 | 8.9984 | 32.495625 | 16.32 | 20.5871 | 32.5883333 | 16.39 | 21.0024 |
| 32.4030324 | 16.1 | 14.2256 | 32.4957407 | 16.27 | 15.854 | 32.5884491 | 16.38 | 20.4393 |
| 32.4031482 | 16.22 | 20.3973 | 32.4958565 | 16.27 | 17.2042 | 32.5885648 | 16.39 | 19.9195 |
| 32.4032639 | 16.02 | 8.1237 | 32.4959722 | 16.27 | 16.5309 | 32.5886806 | 16.39 | 20.9131 |
| 32.4033796 | 16.25 | 21.1392 | 32.496088 | 16.28 | 18.6721 | 32.5887963 | 16.39 | 21.4117 |
| 32.4034954 | 16.2 | 19.3118 | 32.4962037 | 16.28 | 18.1354 | 32.588912 | 16.4 | 18.7547 |
| 32.4036111 | 16.27 | 21.3852 | 32.4963194 | 16.32 | 20.9155 | 32.5890278 | 16.4 | 18.9412 |
| 32.4037269 | 16.24 | 20.9971 | 32.4964352 | 16.28 | 18.2636 | 32.5891435 | 16.4 | 18.7436 |
| 32.4038426 | 16.29 | 22.2175 | 32.4965509 | 16.29 | 18.0591 | 32.5892593 | 16.4 | 18.9027 |
| 32.4039583 | 16.1 | 12.4404 | 32.4966667 | 16.29 | 18.3962 | 32.589375 | 16.39 | 21.0081 |
| 32.4040741 | 16.07 | 13.2241 | 32.4967824 | 16.28 | 18.2318 | 32.5894907 | 16.39 | 19.0865 |
| 32.4041898 | 16.28 | 21.9692 | 32.4968982 | 16.29 | 18.9578 | 32.5896065 | 16.43 | 18.3078 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4043056 | 16.1 | 12.5062 | 32.4970139 | 16.32 | 20.3447 | 32.5897222 | 16.39 | 18.7815 |
| 32.4044213 | 16.2 | 19.002 | 32.4971296 | 16.33 | 21.124 | 32.589838 | 16.4 | 18.9251 |
| 32.404537 | 16.27 | 21.3616 | 32.4972454 | 16.35 | 21.443 | 32.5899537 | 16.43 | 18.2 |
| 32.4046528 | 16.33 | 23.2322 | 32.4973611 | 16.33 | 21.5889 | 32.5900694 | 16.43 | 17.9488 |
| 32.4047685 | 16.14 | 14.538 | 32.4974769 | 16.35 | 21.6001 | 32.5901852 | 16.4 | 19.9495 |
| 32.4048843 | 16.09 | 12.7711 | 32.4975926 | 16.32 | 20.3231 | 32.5903009 | 16.43 | 17.9696 |
| 32.405 | 16.17 | 17.7276 | 32.4977083 | 16.31 | 19.8827 | 32.5904167 | 16.43 | 17.6074 |
| 32.4051157 | 16.03 | 8.497 | 32.4978241 | 16.32 | 20.7464 | 32.5905324 | 16.43 | 17.5128 |
| 32.4052315 | 16.1 | 14.9817 | 32.4979398 | 16.33 | 21.1182 | 32.5906482 | 16.43 | 17.5356 |
| 32.4053472 | 16.28 | 20.8759 | 32.4980556 | 16.32 | 20.6554 | 32.5907639 | 16.44 | 17.5184 |
| 32.405463 | 16.31 | 23.162 | 32.4981713 | 16.32 | 20.3321 | 32.5908796 | 16.44 | 17.547 |
| 32.4055787 | 16.27 | 20.5356 | 32.498287 | 16.31 | 20.4113 | 32.5909954 | 16.44 | 17.0804 |
| 32.4056944 | 16.32 | 21.9205 | 32.4984028 | 16.33 | 20.7133 | 32.5911111 | 16.44 | 17.1662 |
| 32.4058102 | 16.27 | 20.9246 | 32.4985185 | 16.32 | 20.7092 | 32.5912269 | 16.44 | 17.6088 |
| 32.4059259 | 16.24 | 19.8532 | 32.4986343 | 16.33 | 20.8914 | 32.5913426 | 16.44 | 17.5313 |
| 32.4060417 | 16.21 | 18.8867 | 32.49875 | 16.32 | 20.4991 | 32.5914583 | 16.43 | 18.2485 |
| 32.4061574 | 16.17 | 17.1818 | 32.4988657 | 16.31 | 20.0804 | 32.5915741 | 16.43 | 18.1683 |
| 32.4062732 | 16.2 | 18.7566 | 32.4989815 | 16.32 | 20.1941 | 32.5916898 | 16.4 | 20.3638 |
| 32.4063889 | 16.18 | 18.4929 | 32.4990972 | 16.32 | 20.4717 | 32.5918056 | 16.43 | 18.3093 |
| 32.4065046 | 16.2 | 18.9282 | 32.499213 | 16.33 | 20.7133 | 32.5919213 | 16.42 | 20.1297 |
| 32.4066204 | 16.21 | 19.0149 | 32.4993287 | 16.32 | 20.4808 | 32.592037 | 16.43 | 17.9548 |
| 32.4067361 | 16.22 | 19.4952 | 32.4994444 | 16.32 | 20.6721 | 32.5921528 | 16.44 | 17.4884 |
| 32.4068519 | 16.24 | 20.1953 | 32.4995602 | 16.32 | 20.8269 | 32.5922685 | 16.4 | 20.7089 |
| 32.4069676 | 16.14 | 16.9785 | 32.4996759 | 16.32 | 20.7988 | 32.5923843 | 16.42 | 18.6525 |
| 32.4070833 | 16.22 | 19.5103 | 32.4997917 | 16.32 | 20.9553 | 32.5925 | 16.42 | 19.2605 |
| 32.4071991 | 16.09 | 11.3688 | 32.4999074 | 16.31 | 20.2689 | 32.5926157 | 16.43 | 17.6131 |
| 32.4073148 | 16.17 | 18.364 | 32.5000232 | 16.32 | 20.6776 | 32.5927315 | 16.44 | 17.3834 |
| 32.4074306 | 16.17 | 17.4142 | 32.5001389 | 16.31 | 19.48 | 32.5928472 | 16.4 | 21.4025 |
| 32.4075463 | 16.2 | 18.5564 | 32.5002546 | 16.31 | 20.0258 | 32.592963 | 16.4 | 20.7911 |
| 32.407662 | 16.2 | 18.5828 | 32.5003704 | 16.33 | 21.2322 | 32.5930787 | 16.43 | 17.6521 |
| 32.4077778 | 16.22 | 19.7564 | 32.5004861 | 16.33 | 21.4933 | 32.5931944 | 16.4 | 20.7182 |
| 32.4078935 | 16.24 | 20.4724 | 32.5006019 | 16.33 | 21.0759 | 32.5933102 | 16.44 | 17.3876 |
| 32.4080093 | 16.24 | 19.9174 | 32.5007176 | 16.33 | 21.2089 | 32.5934259 | 16.44 | 17.79 |
| 32.408125 | 16.27 | 20.9435 | 32.5008333 | 16.35 | 21.7634 | 32.5935417 | 16.43 | 18.1789 |
| 32.4082407 | 16.21 | 19.1968 | 32.5009491 | 16.35 | 21.4193 | 32.5936574 | 16.44 | 17.3087 |
| 32.4083565 | 16.18 | 18.3503 | 32.5010648 | 16.33 | 21.2653 | 32.5937732 | 16.44 | 16.9214 |
| 32.4084722 | 16.24 | 20.3169 | 32.5011806 | 16.32 | 20.0754 | 32.5938889 | 16.43 | 18.3154 |
| 32.408588 | 16.21 | 19.1511 | 32.5012963 | 16.32 | 20.624 | 32.5940046 | 16.44 | 17.0956 |
| 32.4087037 | 16.25 | 20.4455 | 32.501412 | 16.32 | 20.6776 | 32.5941204 | 16.44 | 17.5213 |
| 32.4088194 | 16.24 | 20.0573 | 32.5015278 | 16.31 | 18.974 | 32.5942361 | 16.43 | 18.3934 |
| 32.4089352 | 16.24 | 19.7414 | 32.5016435 | 16.28 | 18.5302 | 32.5943519 | 16.4 | 20.5351 |
| 32.4090509 | 16.22 | 19.6812 | 32.5017593 | 16.29 | 19.6264 | 32.5944676 | 16.4 | 20.3891 |
| 32.4091667 | 16.25 | 20.9293 | 32.501875 | 16.32 | 20.9971 | 32.5945833 | 16.43 | 18.0932 |
| 32.4092824 | 16.25 | 20.6452 | 32.5019907 | 16.32 | 21.386 | 32.5946991 | 16.42 | 18.4011 |
| 32.4093982 | 16.25 | 20.555 | 32.5021065 | 16.32 | 20.4498 | 32.5948148 | 16.42 | 18.4011 |
| 32.4095139 | 16.25 | 20.471 | 32.5022222 | 16.32 | 20.5834 | 32.5949306 | 16.43 | 17.9045 |
| 32.4096296 | 16.24 | 20.0872 | 32.502338 | 16.31 | 20.0716 | 32.5950463 | 16.43 | 17.9963 |
| 32.4097454 | 16.25 | 20.4038 | 32.5024537 | 16.31 | 19.9662 | 32.595162 | 16.44 | 17.9001 |
| 32.4098611 | 16.25 | 20.8577 | 32.5025694 | 16.31 | 19.867 | 32.5952778 | 16.44 | 18.0947 |
| 32.4099769 | 16.27 | 20.8229 | 32.5026852 | 16.29 | 19.8302 | 32.5953935 | 16.44 | 17.7041 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4100926 | 16.22 | 19.8131 | 32.5028009 | 16.31 | 19.9575 | 32.5955093 | 16.44 | 17.626 |
| 32.4102083 | 16.27 | 20.5815 | 32.5029167 | 16.31 | 20.6162 | 32.595625 | 16.43 | 19.014 |
| 32.4103241 | 16.28 | 21.2296 | 32.5030324 | 16.29 | 19.5486 | 32.5957407 | 16.43 | 18.5215 |
| 32.4104398 | 16.27 | 21.0787 | 32.5031482 | 16.29 | 19.4127 | 32.5958565 | 16.42 | 18.7343 |
| 32.4105556 | 16.28 | 21.2743 | 32.5032639 | 16.29 | 19.3545 | 32.5959722 | 16.46 | 17.8221 |
| 32.4106713 | 16.28 | 21.3309 | 32.5033796 | 16.29 | 19.5334 | 32.596088 | 16.44 | 18.0573 |
| 32.410787 | 16.17 | 15.4345 | 32.5034954 | 16.28 | 18.9995 | 32.5962037 | 16.44 | 18.3169 |
| 32.4109028 | 16 | 7.1711 | 32.5036111 | 16.28 | 19.1878 | 32.5963194 | 16.44 | 18.2865 |
| 32.4110185 | 16.21 | 19.4531 | 32.5037269 | 16.29 | 19.7151 | 32.5964352 | 16.43 | 19.4018 |
| 32.4111343 | 16.27 | 21.399 | 32.5038426 | 16.28 | 18.746 | 32.5965509 | 16.42 | 19.6428 |
| 32.41125 | 16.32 | 23.075 | 32.5039583 | 16.28 | 19.4979 | 32.5966667 | 16.44 | 18.2789 |
| 32.4113657 | 16.33 | 23.5716 | 32.5040741 | 16.29 | 19.9047 | 32.5967824 | 16.47 | 17.5468 |
| 32.4114815 | 16.28 | 21.1657 | 32.5041898 | 16.28 | 19.5788 | 32.5968982 | 16.44 | 19.1769 |
| 32.4115972 | 16.25 | 20.3568 | 32.5043056 | 16.28 | 19.0576 | 32.5970139 | 16.47 | 17.4171 |
| 32.411713 | 16.28 | 21.8197 | 32.5044213 | 16.28 | 18.8426 | 32.5971296 | 16.46 | 18.1729 |
| 32.4118287 | 16.35 | 23.5692 | 32.504537 | 16.28 | 19.7405 | 32.5972454 | 16.44 | 18.7772 |
| 32.4119444 | 16.43 | 25.1048 | 32.5046528 | 16.28 | 19.9097 | 32.5973611 | 16.46 | 18.2318 |
| 32.4120602 | 16.39 | 24.249 | 32.5047685 | 16.28 | 18.9882 | 32.5974769 | 16.44 | 18.7614 |
| 32.4121759 | 16.24 | 19.14 | 32.5048843 | 16.29 | 20.006 | 32.5975926 | 16.4 | 20.306 |
| 32.4122917 | 16.32 | 22.0464 | 32.505 | 16.29 | 20.3257 | 32.5977083 | 16.44 | 18.626 |
| 32.4124074 | 16.24 | 19.3919 | 32.5051157 | 16.28 | 19.65 | 32.5978241 | 16.43 | 19.1245 |
| 32.4125232 | 16.22 | 19.8926 | 32.5052315 | 16.29 | 20.1151 | 32.5979398 | 16.44 | 18.1548 |
| 32.4126389 | 16.17 | 16.8774 | 32.5053472 | 16.29 | 20.3473 | 32.5980556 | 16.47 | 17.554 |
| 32.4127546 | 16.24 | 20.3908 | 32.505463 | 16.29 | 19.4177 | 32.5981713 | 16.47 | 17.6909 |
| 32.4128704 | 16.22 | 19.7512 | 32.5055787 | 16.28 | 19.6551 | 32.598287 | 16.43 | 19.6789 |
| 32.4129861 | 16.21 | 18.7661 | 32.5056944 | 16.29 | 19.5166 | 32.5984028 | 16.44 | 18.7915 |
| 32.4131019 | 16.2 | 18.4575 | 32.5058102 | 16.29 | 20.0305 | 32.5985185 | 16.46 | 18.0902 |
| 32.4132176 | 16.25 | 20.4928 | 32.5059259 | 16.29 | 19.2685 | 32.5986343 | 16.46 | 18.0349 |
| 32.4133333 | 16.2 | 18.7345 | 32.5060417 | 16.29 | 19.9099 | 32.59875 | 16.47 | 17.8514 |
| 32.4134491 | 16.18 | 18.061 | 32.5061574 | 16.28 | 19.6636 | 32.5988657 | 16.47 | 17.787 |
| 32.4135648 | 16.22 | 20.0059 | 32.5062732 | 16.31 | 20.3534 | 32.5989815 | 16.46 | 17.7987 |
| 32.4136806 | 16.24 | 19.7362 | 32.5063889 | 16.27 | 18.1279 | 32.5990972 | 16.46 | 17.8588 |
| 32.4137963 | 16.22 | 18.4375 | 32.5065046 | 16.28 | 18.5442 | 32.599213 | 16.46 | 17.9666 |
| 32.413912 | 16.29 | 22.0318 | 32.5066204 | 16.25 | 16.4614 | 32.5993287 | 16.46 | 17.9769 |
| 32.4140278 | 16.28 | 21.431 | 32.5067361 | 16.28 | 18.6142 | 32.5994444 | 16.43 | 20.1834 |
| 32.4141435 | 16.32 | 22.8651 | 32.5068519 | 16.33 | 21.8475 | 32.5995602 | 16.42 | 19.9064 |
| 32.4142593 | 16.25 | 20.5221 | 32.5069676 | 16.32 | 21.4748 | 32.5996759 | 16.44 | 18.2728 |
| 32.414375 | 16.29 | 21.8652 | 32.5070833 | 16.33 | 22.1765 | 32.5997917 | 16.46 | 17.8148 |
| 32.4144907 | 16.27 | 20.4517 | 32.5071991 | 16.25 | 16.0656 | 32.5999074 | 16.46 | 17.8046 |
| 32.4146065 | 16.28 | 21.6058 | 32.5073148 | 16.29 | 20.0411 | 32.6000232 | 16.46 | 18.3506 |
| 32.4147222 | 16.31 | 22.5623 | 32.5074306 | 16.25 | 16.6598 | 32.6001389 | 16.46 | 18.1142 |
| 32.414838 | 16.31 | 22.6165 | 32.5075463 | 16.31 | 20.97 | 32.6002546 | 16.44 | 18.3628 |
| 32.4149537 | 16.28 | 20.8195 | 32.507662 | 16.33 | 21.5809 | 32.6003704 | 16.44 | 17.8545 |
| 32.4150694 | 16.29 | 19.7099 | 32.5077778 | 16.32 | 21.4077 | 32.6004861 | 16.44 | 17.639 |
| 32.4151852 | 16.18 | 18.1072 | 32.5078935 | 16.32 | 20.8025 | 32.6006019 | 16.46 | 17.8559 |
| 32.4153009 | 16.2 | 18.8532 | 32.5080093 | 16.29 | 18.7035 | 32.6007176 | 16.44 | 17.8809 |
| 32.4154167 | 16.24 | 20.619 | 32.508125 | 16.27 | 17.1778 | 32.6008333 | 16.46 | 17.6562 |
| 32.4155324 | 16.36 | 23.6785 | 32.5082407 | 16.33 | 21.8966 | 32.6009491 | 16.44 | 18.4134 |
| 32.4156482 | 16.18 | 17.1747 | 32.5083565 | 16.27 | 18.2424 | 32.6010648 | 16.44 | 18.6338 |
| 32.4157639 | 16.21 | 18.9811 | 32.5084722 | 16.25 | 16.775 | 32.6011806 | 16.44 | 18.8887 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4158796 | 16.21 | 19.0763 | 32.508588 | 16.24 | 15.3433 | 32.6012963 | 16.43 | 19.0253 |
| 32.4159954 | 16.18 | 15.0109 | 32.5087037 | 16.32 | 21.6363 | 32.601412 | 16.43 | 19.1522 |
| 32.4161111 | 16.25 | 20.3857 | 32.5088194 | 16.32 | 21.2356 | 32.6015278 | 16.44 | 18.4458 |
| 32.4162269 | 16.32 | 23.1404 | 32.5089352 | 16.35 | 22.4366 | 32.6016435 | 16.46 | 18.469 |
| 32.4163426 | 16.22 | 19.4016 | 32.5090509 | 16.33 | 22.0555 | 32.6017593 | 16.46 | 18.5434 |
| 32.4164583 | 16.07 | 10.0257 | 32.5091667 | 16.33 | 22.2923 | 32.601875 | 16.44 | 18.8058 |
| 32.4165741 | 16.03 | 9.922 | 32.5092824 | 16.33 | 21.3317 | 32.6019907 | 16.44 | 19.1426 |
| 32.4166898 | 16.18 | 19.1769 | 32.5093982 | 16.33 | 21.872 | 32.6021065 | 16.44 | 18.725 |
| 32.4168056 | 16.22 | 20.3288 | 32.5095139 | 16.28 | 17.6689 | 32.6022222 | 16.44 | 18.6667 |
| 32.4169213 | 16.28 | 21.8605 | 32.5096296 | 16.27 | 18.0071 | 32.602338 | 16.44 | 18.7614 |
| 32.417037 | 16.25 | 20.2956 | 32.5097454 | 16.27 | 18.0681 | 32.6024537 | 16.44 | 18.8058 |
| 32.4171528 | 16.25 | 20.8314 | 32.5098611 | 16.27 | 18.8664 | 32.6025694 | 16.46 | 18.0992 |
| 32.4172685 | 16.22 | 19.8961 | 32.5099769 | 16.32 | 21.7675 | 32.6026852 | 16.46 | 18.3048 |
| 32.4173843 | 16.28 | 21.7123 | 32.5100926 | 16.32 | 21.9555 | 32.6028009 | 16.46 | 18.2349 |
| 32.4175 | 16.28 | 21.6619 | 32.5102083 | 16.33 | 22.1137 | 32.6029167 | 16.46 | 18.3368 |
| 32.4176157 | 16.32 | 22.4598 | 32.5103241 | 16.29 | 19.1683 | 32.6030324 | 16.46 | 18.1548 |
| 32.4177315 | 16.22 | 19.5422 | 32.5104398 | 16.29 | 19.9395 | 32.6031482 | 16.46 | 18.372 |
| 32.4178472 | 16.2 | 19.5739 | 32.5105556 | 16.27 | 18.0101 | 32.6032639 | 16.47 | 18.0887 |
| 32.417963 | 16.17 | 17.5821 | 32.5106713 | 16.27 | 17.9582 | 32.6033796 | 16.46 | 18.0588 |
| 32.4180787 | 16.14 | 15.1006 | 32.510787 | 16.24 | 14.7635 | 32.6034954 | 16.46 | 18.2743 |
| 32.4181944 | 16.17 | 17.4964 | 32.5109028 | 16.18 | 9.1065 | 32.6036111 | 16.46 | 18.1925 |
| 32.4183102 | 16.16 | 17.4341 | 32.5110185 | 16.22 | 15.4189 | 32.6037269 | 16.46 | 18.2804 |
| 32.4184259 | 16.21 | 19.3582 | 32.5111343 | 16.27 | 18.9399 | 32.6038426 | 16.46 | 18.2728 |
| 32.4185417 | 16.25 | 20.6748 | 32.51125 | 16.29 | 20.0975 | 32.6039583 | 16.46 | 18.2698 |
| 32.4186574 | 16.27 | 21.1768 | 32.5113657 | 16.32 | 21.1523 | 32.6040741 | 16.44 | 18.2379 |
| 32.4187732 | 16.28 | 21.187 | 32.5114815 | 16.29 | 19.8544 | 32.6041898 | 16.44 | 18.1187 |
| 32.4188889 | 16.21 | 19.2904 | 32.5115972 | 16.32 | 21.3723 | 32.6043056 | 16.44 | 17.9918 |
| 32.4190046 | 16.22 | 19.8372 | 32.511713 | 16.31 | 20.2241 | 32.6044213 | 16.46 | 17.9059 |
| 32.4191204 | 16.28 | 21.8176 | 32.5118287 | 16.29 | 19.4177 | 32.604537 | 16.46 | 17.7914 |
| 32.4192361 | 16.27 | 21.0481 | 32.5119444 | 16.32 | 21.135 | 32.6046528 | 16.46 | 17.8016 |
| 32.4193519 | 16.27 | 20.836 | 32.5120602 | 16.32 | 21.4867 | 32.6047685 | 16.44 | 18.2197 |
| 32.4194676 | 16.25 | 21.1296 | 32.5121759 | 16.31 | 19.779 | 32.6048843 | 16.44 | 17.5973 |
| 32.4195833 | 16.24 | 19.4469 | 32.5122917 | 16.33 | 22.2143 | 32.605 | 16.44 | 17.2666 |
| 32.4196991 | 16.17 | 16.8747 | 32.5124074 | 16.35 | 22.6919 | 32.6051157 | 16.44 | 18.0365 |
| 32.4198148 | 15.98 | 6.4318 | 32.5125232 | 16.32 | 20.635 | 32.6052315 | 16.44 | 18.2865 |
| 32.4199306 | 16.1 | 15.3413 | 32.5126389 | 16.25 | 16.109 | 32.6053472 | 16.44 | 18.1608 |
| 32.4200463 | 16.21 | 20.1553 | 32.5127546 | 16.24 | 15.7583 | 32.605463 | 16.46 | 17.8647 |
| 32.420162 | 16.2 | 18.6608 | 32.5128704 | 16.28 | 19.3992 | 32.6055787 | 16.44 | 16.3329 |
| 32.4202778 | 16.14 | 16.3288 | 32.5129861 | 16.25 | 17.7053 | 32.6056944 | 16.44 | 18.5604 |
| 32.4203935 | 16.22 | 20.0006 | 32.5131019 | 16.29 | 19.964 | 32.6058102 | 16.44 | 18.8249 |
| 32.4205093 | 16.2 | 19.6535 | 32.5132176 | 16.32 | 21.4649 | 32.6059259 | 16.44 | 18.395 |
| 32.420625 | 16.18 | 18.8023 | 32.5133333 | 16.32 | 21.222 | 32.6060417 | 16.46 | 18.2212 |
| 32.4207407 | 16.21 | 19.8129 | 32.5134491 | 16.32 | 20.8872 | 32.6061574 | 16.44 | 18.0678 |
| 32.4208565 | 16.14 | 16.5053 | 32.5135648 | 16.32 | 21.802 | 32.6062732 | 16.44 | 18.0126 |
| 32.4209722 | 16.1 | 15.7051 | 32.5136806 | 16.32 | 20.8626 | 32.6063889 | 16.44 | 18.4674 |
| 32.421088 | 16.2 | 19.7098 | 32.5137963 | 16.32 | 20.9458 | 32.6065046 | 16.44 | 18.0305 |
| 32.4212037 | 16.18 | 18.8753 | 32.513912 | 16.28 | 17.883 | 32.6066204 | 16.44 | 17.9518 |
| 32.4213194 | 16.24 | 20.4288 | 32.5140278 | 16.31 | 19.8913 | 32.6067361 | 16.44 | 18.0783 |
| 32.4214352 | 16.25 | 20.5789 | 32.5141435 | 16.32 | 20.6721 | 32.6068519 | 16.44 | 18.1187 |
| 32.4215509 | 16.21 | 18.711 | 32.5142593 | 16.25 | 15.0225 | 32.6069676 | 16.44 | 18.0126 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4216667 | 16.16 | 17.2878 | 32.514375 | 16.27 | 18.3289 | 32.6070833 | 16.44 | 18.0365 |
| 32.4217824 | 16.18 | 18.928 | 32.5144907 | 16.32 | 20.9325 | 32.6071991 | 16.44 | 17.9948 |
| 32.4218982 | 16.2 | 19.1119 | 32.5146065 | 16.31 | 20.7088 | 32.6073148 | 16.44 | 17.6434 |
| 32.4220139 | 16.09 | 12.2724 | 32.5147222 | 16.32 | 21.4353 | 32.6074306 | 16.44 | 18.0738 |
| 32.4221296 | 16.06 | 12.7076 | 32.514838 | 16.32 | 21.3664 | 32.6075463 | 16.44 | 18.0887 |
| 32.4222454 | 16.2 | 19.3085 | 32.5149537 | 16.31 | 20.6439 | 32.607662 | 16.44 | 18.1608 |
| 32.4223611 | 16.22 | 20.2893 | 32.5150694 | 16.32 | 20.9648 | 32.6077778 | 16.46 | 17.9015 |
| 32.4224769 | 16.27 | 21.5215 | 32.5151852 | 16.31 | 20.4458 | 32.6078935 | 16.46 | 17.3847 |
| 32.4225926 | 16.2 | 18.1791 | 32.5153009 | 16.28 | 18.9609 | 32.6080093 | 16.46 | 17.379 |
| 32.4227083 | 16.25 | 20.7398 | 32.5154167 | 16.32 | 21.4392 | 32.608125 | 16.44 | 18.1473 |
| 32.4228241 | 16.22 | 20.0567 | 32.5155324 | 16.29 | 19.3462 | 32.6082407 | 16.44 | 18.1819 |
| 32.4229398 | 16.1 | 12.6335 | 32.5156482 | 16.35 | 22.5204 | 32.6083565 | 16.44 | 18.2515 |
| 32.4230556 | 16.21 | 19.8249 | 32.5157639 | 16.35 | 22.8702 | 32.6084722 | 16.44 | 18.2409 |
| 32.4231713 | 16 | 7.6314 | 32.5158796 | 16.35 | 22.3597 | 32.608588 | 16.44 | 18.4242 |
| 32.423287 | 15.89 | 3.687 | 32.5159954 | 16.31 | 19.4598 | 32.6087037 | 16.44 | 18.435 |
| 32.4234028 | 15.96 | 8.024 | 32.5161111 | 16.35 | 22.3342 | 32.6088194 | 16.43 | 18.472 |
| 32.4235185 | 15.92 | 6.1992 | 32.5162269 | 16.27 | 16.7304 | 32.6089352 | 16.43 | 18.4859 |
| 32.4236343 | 15.94 | 7.4374 | 32.5163426 | 16.25 | 17.4205 | 32.6090509 | 16.44 | 18.3429 |
| 32.42375 | 16.05 | 13.4994 | 32.5164583 | 16.28 | 19.6551 | 32.6091667 | 16.43 | 18.6087 |
| 32.4238657 | 16.25 | 20.71 | 32.5165741 | 16.32 | 21.4294 | 32.6092824 | 16.44 | 18.6699 |
| 32.4239815 | 16.22 | 20.6404 | 32.5166898 | 16.31 | 20.746 | 32.6093982 | 16.44 | 18.6699 |
| 32.4240972 | 16.24 | 20.045 | 32.5168056 | 16.32 | 21.4156 | 32.6095139 | 16.44 | 18.8887 |
| 32.424213 | 16.1 | 13.3585 | 32.5169213 | 16.32 | 21.0448 | 32.6096296 | 16.44 | 18.9786 |
| 32.4243287 | 16.17 | 18.7643 | 32.517037 | 16.22 | 12.4486 | 32.6097454 | 16.44 | 19.2081 |
| 32.4244444 | 16.28 | 22.369 | 32.5171528 | 16.24 | 16.0136 | 32.6098611 | 16.44 | 19.3653 |
| 32.4245602 | 16.35 | 23.6467 | 32.5172685 | 16.31 | 20.5885 | 32.6099769 | 16.44 | 19.4875 |
| 32.4246759 | 16.11 | 14.3325 | 32.5173843 | 16.32 | 21.4986 | 32.6100926 | 16.43 | 19.6823 |
| 32.4247917 | 16.07 | 13.0726 | 32.5175 | 16.33 | 21.5529 | 32.6102083 | 16.43 | 19.7354 |
| 32.4249074 | 16.09 | 13.6966 | 32.5176157 | 16.31 | 19.6762 | 32.6103241 | 16.43 | 19.3235 |
| 32.4250232 | 16.05 | 11.3649 | 32.5177315 | 16.27 | 17.0535 | 32.6104398 | 16.44 | 18.9706 |
| 32.4251389 | 16.07 | 12.7991 | 32.5178472 | 16.32 | 21.4511 | 32.6105556 | 16.44 | 18.8887 |
| 32.4252546 | 16.05 | 11.6483 | 32.517963 | 16.33 | 21.6369 | 32.6106713 | 16.44 | 19.3769 |
| 32.4253704 | 16.05 | 11.7492 | 32.5180787 | 16.28 | 18.0517 | 32.610787 | 16.44 | 19.1426 |
| 32.4254861 | 16.02 | 9.9782 | 32.5181944 | 16.25 | 16.2465 | 32.6109028 | 16.44 | 18.6888 |
| 32.4256019 | 16.11 | 15.6121 | 32.5183102 | 16.24 | 15.5554 | 32.6110185 | 16.44 | 18.601 |
| 32.4257176 | 16 | 8.05 | 32.5184259 | 16.24 | 15.3107 | 32.6111343 | 16.44 | 18.744 |
| 32.4258333 | 16.11 | 15.7908 | 32.5185417 | 16.22 | 14.6088 | 32.61125 | 16.44 | 18.8663 |
| 32.4259491 | 16.18 | 18.7612 | 32.5186574 | 16.24 | 14.4903 | 32.6113657 | 16.44 | 18.8392 |
| 32.4260648 | 15.99 | 7.4192 | 32.5187732 | 16.24 | 15.58 | 32.6114815 | 16.44 | 18.5604 |
| 32.4261806 | 16.11 | 15.3726 | 32.5188889 | 16.25 | 15.8093 | 32.6115972 | 16.44 | 18.1819 |
| 32.4262963 | 16.09 | 14.0994 | 32.5190046 | 16.24 | 16.6307 | 32.611713 | 16.44 | 18.3078 |
| 32.426412 | 16.02 | 9.6163 | 32.5191204 | 16.25 | 17.3022 | 32.6118287 | 16.44 | 19.2279 |
| 32.4265278 | 15.99 | 8.6068 | 32.5192361 | 16.27 | 17.433 | 32.6119444 | 16.44 | 19.3686 |
| 32.4266435 | 15.96 | 6.5195 | 32.5193519 | 16.25 | 16.6319 | 32.6120602 | 16.44 | 19.0822 |
| 32.4267593 | 15.94 | 5.7135 | 32.5194676 | 16.28 | 20.0831 | 32.6121759 | 16.46 | 19.4626 |
| 32.426875 | 15.96 | 6.3446 | 32.5195833 | 16.28 | 18.8506 | 32.6122917 | 16.47 | 19.4729 |
| 32.4269907 | 15.95 | 6.631 | 32.5196991 | 16.25 | 17.5 | 32.6124074 | 16.46 | 19.2216 |
| 32.4271065 | 15.99 | 9.4432 | 32.5198148 | 16.28 | 18.6831 | 32.6125232 | 16.46 | 18.8489 |
| 32.4272222 | 15.99 | 9.9328 | 32.5199306 | 16.27 | 16.4362 | 32.6126389 | 16.46 | 19.2843 |
| 32.427338 | 16.05 | 12.1727 | 32.5200463 | 16.27 | 17.3384 | 32.6127546 | 16.46 | 18.7901 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4274537 | 16.05 | 12.4276 | 32.520162 | 16.28 | 19.014 | 32.6128704 | 16.46 | 18.5217 |
| 32.4275694 | 16.05 | 12.9704 | 32.5202778 | 16.31 | 20.5922 | 32.6129861 | 16.44 | 18.9931 |
| 32.4276852 | 15.99 | 7.3122 | 32.5203935 | 16.28 | 18.2803 | 32.6131019 | 16.44 | 19.2559 |
| 32.4278009 | 16.1 | 15.4823 | 32.5205093 | 16.27 | 17.669 | 32.6132176 | 16.46 | 19.0906 |
| 32.4279167 | 16.03 | 11.4767 | 32.520625 | 16.31 | 19.829 | 32.6133333 | 16.46 | 18.486 |
| 32.4280324 | 16.05 | 11.7327 | 32.5207407 | 16.25 | 17.3696 | 32.6134491 | 16.46 | 18.5761 |
| 32.4281482 | 16.02 | 10.7526 | 32.5208565 | 16.32 | 20.9629 | 32.6135648 | 16.44 | 18.9786 |
| 32.4282639 | 15.95 | 5.9061 | 32.5209722 | 16.27 | 17.2697 | 32.6136806 | 16.46 | 18.7267 |
| 32.4283796 | 15.96 | 7.184 | 32.521088 | 16.29 | 19.3263 | 32.6137963 | 16.44 | 18.7361 |
| 32.4284954 | 15.94 | 5.6867 | 32.5212037 | 16.27 | 17.5941 | 32.613912 | 16.44 | 18.7471 |
| 32.4286111 | 16.03 | 12.1569 | 32.5213194 | 16.29 | 19.4294 | 32.6140278 | 16.44 | 18.6479 |
| 32.4287269 | 16.14 | 18.7296 | 32.5214352 | 16.28 | 18.9128 | 32.6141435 | 16.46 | 18.5046 |
| 32.4288426 | 16.05 | 11.7035 | 32.5215509 | 16.29 | 19.0707 | 32.6142593 | 16.46 | 18.469 |
| 32.4289583 | 15.98 | 7.5933 | 32.5216667 | 16.31 | 20.5042 | 32.614375 | 16.44 | 18.4242 |
| 32.4290741 | 15.96 | 6.606 | 32.5217824 | 16.29 | 18.6174 | 32.6144907 | 16.44 | 18.4813 |
| 32.4291898 | 15.94 | 5.8822 | 32.5218982 | 16.28 | 17.9923 | 32.6146065 | 16.46 | 18.5917 |
| 32.4293056 | 16 | 10.0468 | 32.5220139 | 16.29 | 19.2717 | 32.6147222 | 16.44 | 18.5278 |
| 32.4294213 | 15.99 | 9.1808 | 32.5221296 | 16.29 | 19.0286 | 32.614838 | 16.44 | 18.3536 |
| 32.429537 | 15.99 | 8.9261 | 32.5222454 | 16.28 | 17.1707 | 32.6149537 | 16.44 | 18.2303 |
| 32.4296528 | 15.99 | 8.7872 | 32.5223611 | 16.28 | 18.3488 | 32.6150694 | 16.44 | 18.2515 |
| 32.4297685 | 16.1 | 15.8247 | 32.5224769 | 16.29 | 19.2175 | 32.6151852 | 16.44 | 18.3322 |
| 32.4298843 | 16.06 | 11.7863 | 32.5225926 | 16.32 | 20.5595 | 32.6153009 | 16.44 | 18.3291 |
| 32.43 | 16.1 | 15.7473 | 32.5227083 | 16.32 | 20.6962 | 32.6154167 | 16.44 | 18.3139 |
| 32.4301157 | 16.1 | 16.3633 | 32.5228241 | 16.31 | 19.8411 | 32.6155324 | 16.44 | 18.1127 |
| 32.4302315 | 16.07 | 13.2379 | 32.5229398 | 16.31 | 19.8411 | 32.6156482 | 16.44 | 18.1955 |
| 32.4303472 | 16.03 | 10.8359 | 32.5230556 | 16.28 | 18.7665 | 32.6157639 | 16.44 | 18.1879 |
| 32.430463 | 16.03 | 11.2413 | 32.5231713 | 16.31 | 19.0094 | 32.6158796 | 16.46 | 18.1518 |
| 32.4305787 | 16.06 | 12.5268 | 32.523287 | 16.31 | 19.092 | 32.6159954 | 16.44 | 18.2379 |
| 32.4306944 | 16.1 | 14.8806 | 32.5234028 | 16.31 | 19.7841 | 32.6161111 | 16.44 | 18.2273 |
| 32.4308102 | 16.13 | 17.3484 | 32.5235185 | 16.29 | 18.9209 | 32.6162269 | 16.44 | 18.1744 |
| 32.4309259 | 16.17 | 18.8864 | 32.5236343 | 16.28 | 17.6993 | 32.6163426 | 16.44 | 18.1292 |
| 32.4310417 | 16.1 | 14.4405 | 32.52375 | 16.27 | 16.8557 | 32.6164583 | 16.43 | 18.0618 |
| 32.4311574 | 16.09 | 14.105 | 32.5238657 | 16.31 | 20.3986 | 32.6165741 | 16.44 | 18.023 |
| 32.4312732 | 16.09 | 14.0061 | 32.5239815 | 16.31 | 20.1122 | 32.6166898 | 16.39 | 17.6668 |
| 32.4313889 | 16.09 | 13.8693 | 32.5240972 | 16.31 | 20.1956 | 32.6168056 | 16.35 | 0.2834 |
| 32.4315046 | 16.1 | 15.0243 | 32.524213 | 16.32 | 21.0104 | 32.6169213 | 16.42 | 18.3566 |
| 32.4316204 | 16.09 | 14.5195 | 32.5243287 | 16.32 | 20.5963 | 32.617037 | 16.44 | 18.1397 |
| 32.4317361 | 16.06 | 12.4559 | 32.5244444 | 16.33 | 21.1606 | 32.6171528 | 16.44 | 18.1879 |
| 32.4318519 | 16.02 | 9.9615 | 32.5245602 | 16.31 | 20.5701 | 32.6172685 | 16.43 | 17.6694 |
| 32.4319676 | 16.05 | 11.1545 | 32.5246759 | 16.33 | 21.3905 | 32.6173843 | 16.43 | 17.9326 |
| 32.4320833 | 16.02 | 10.313 | 32.5247917 | 16.32 | 21.7371 | 32.6175 | 16.43 | 18.4488 |
| 32.4321991 | 16.06 | 12.114 | 32.5249074 | 16.33 | 21.8332 | 32.6176157 | 16.16 | 0.3709 |
| 32.4323148 | 16.02 | 10.0117 | 32.5250232 | 16.33 | 21.6611 | 32.6177315 | 16.33 | 1.423 |
| 32.4324306 | 16.03 | 11.0454 | 32.5251389 | 16.33 | 20.9671 | 32.6178472 | 16.42 | 18.7028 |
| 32.4325463 | 16 | 8.4011 | 32.5252546 | 16.33 | 20.9406 | 32.617963 | 16.43 | 18.8614 |
| 32.432662 | 16.07 | 12.7209 | 32.5253704 | 16.31 | 19.9244 | 32.6180787 | 16.44 | 19.2608 |
| 32.4327778 | 16.03 | 10.9324 | 32.5254861 | 16.32 | 19.7174 | 32.6181944 | 16.44 | 19.5127 |
| 32.4328935 | 16.03 | 10.8174 | 32.5256019 | 16.32 | 20.8082 | 32.6183102 | 16.44 | 19.4287 |
| 32.4330093 | 16.05 | 12.36 | 32.5257176 | 16.32 | 20.3501 | 32.6184259 | 16.44 | 19.6774 |
| 32.433125 | 16.06 | 12.9599 | 32.5258333 | 16.31 | 18.4269 | 32.6185417 | 16.44 | 19.213 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4332407 | 16.06 | 13.1336 | 32.5259491 | 16.32 | 20.1728 | 32.6186574 | 16.44 | 19.1132 |
| 32.4333565 | 16.06 | 13.2751 | 32.5260648 | 16.32 | 20.1072 | 32.6187732 | 16.44 | 19.2988 |
| 32.4334722 | 16.07 | 13.5896 | 32.5261806 | 16.32 | 20.262 | 32.6188889 | 16.44 | 19.2328 |
| 32.433588 | 16.07 | 13.6784 | 32.5262963 | 16.33 | 21.6611 | 32.6190046 | 16.43 | 18.9286 |
| 32.4337037 | 16.09 | 13.8968 | 32.526412 | 16.29 | 18.6127 | 32.6191204 | 16.43 | 18.8104 |
| 32.4338194 | 16.05 | 10.9549 | 32.5265278 | 16.28 | 16.5677 | 32.6192361 | 16.43 | 18.6918 |
| 32.4339352 | 16.03 | 11.2016 | 32.5266435 | 16.31 | 19.4548 | 32.6193519 | 16.43 | 18.6259 |
| 32.4340509 | 16 | 8.6913 | 32.5267593 | 16.32 | 20.4444 | 32.6194676 | 16.43 | 18.489 |
| 32.4341667 | 16 | 9.277 | 32.526875 | 16.32 | 20.1586 | 32.6195833 | 16.43 | 18.2348 |
| 32.4342824 | 16 | 8.914 | 32.5269907 | 16.31 | 19.0498 | 32.6196991 | 16.42 | 18.2606 |
| 32.4343982 | 16 | 8.8522 | 32.5271065 | 16.32 | 18.9324 | 32.6198148 | 16.43 | 18.2 |
| 32.4345139 | 15.99 | 8.8012 | 32.5272222 | 16.28 | 17.5539 | 32.6199306 | 16.42 | 18.2819 |
| 32.4346296 | 15.99 | 8.6271 | 32.527338 | 16.33 | 21.149 | 32.6200463 | 16.42 | 18.352 |
| 32.4347454 | 15.99 | 8.1689 | 32.5274537 | 16.33 | 20.5379 | 32.620162 | 16.42 | 18.2636 |
| 32.4348611 | 15.99 | 8.1963 | 32.5275694 | 16.33 | 21.2828 | 32.6202778 | 16.42 | 18.2849 |
| 32.4349769 | 15.99 | 9.249 | 32.5276852 | 16.35 | 20.8245 | 32.6203935 | 16.42 | 18.2469 |
| 32.4350926 | 16.02 | 9.4072 | 32.5278009 | 16.31 | 18.8142 | 32.6205093 | 16.42 | 18.2394 |
| 32.4352083 | 15.99 | 8.0854 | 32.5279167 | 16.33 | 20.5948 | 32.620625 | 16.43 | 18.291 |
| 32.4353241 | 16.03 | 10.2198 | 32.5280324 | 16.28 | 16.4452 | 32.6207407 | 16.43 | 18.3934 |
| 32.4354398 | 16 | 9.8025 | 32.5281482 | 16.32 | 19.4299 | 32.6208565 | 16.43 | 18.4072 |
| 32.4355556 | 16 | 8.9925 | 32.5282639 | 16.29 | 16.8703 | 32.6209722 | 16.43 | 18.4288 |
| 32.4356713 | 15.99 | 7.9678 | 32.5283796 | 16.28 | 15.8501 | 32.621088 | 16.43 | 18.4642 |
| 32.435787 | 15.98 | 7.0705 | 32.5284954 | 16.28 | 16.2628 | 32.6212037 | 16.43 | 18.5822 |
| 32.4359028 | 16.02 | 10.0383 | 32.5286111 | 16.31 | 18.2666 | 32.6213194 | 16.43 | 18.6588 |
| 32.4360185 | 16.03 | 11.3792 | 32.5287269 | 16.31 | 18.4116 | 32.6214352 | 16.44 | 18.6511 |
| 32.4361343 | 16.05 | 11.494 | 32.5288426 | 16.32 | 18.2818 | 32.6215509 | 16.44 | 18.6354 |
| 32.43625 | 16.03 | 11.6086 | 32.5289583 | 16.29 | 15.7936 | 32.6216667 | 16.43 | 18.5869 |
| 32.4363657 | 16.03 | 11.4489 | 32.5290741 | 16.28 | 15.8163 | 32.6217824 | 16.43 | 18.5184 |
| 32.4364815 | 16.03 | 11.4614 | 32.5291898 | 16.29 | 16.8432 | 32.6218982 | 16.43 | 18.5759 |
| 32.4365972 | 16.02 | 9.5732 | 32.5293056 | 16.28 | 13.9123 | 32.6220139 | 16.43 | 18.5169 |
| 32.436713 | 16.05 | 11.5585 | 32.5294213 | 16.32 | 19.3632 | 32.6221296 | 16.43 | 18.4998 |
| 32.4368287 | 15.98 | 7.0548 | 32.529537 | 16.33 | 19.5933 | 32.6222454 | 16.43 | 18.5604 |
| 32.4369444 | 16 | 9.517 | 32.5296528 | 16.27 | 13.2808 | 32.6223611 | 16.43 | 18.7724 |
| 32.4370602 | 16 | 9.8891 | 32.5297685 | 16.33 | 20.7655 | 32.6224769 | 16.43 | 18.7502 |
| 32.4371759 | 16 | 9.8016 | 32.5298843 | 16.33 | 20.0528 | 32.6225926 | 16.43 | 18.1653 |
| 32.4372917 | 16.02 | 10.0064 | 32.53 | 16.35 | 21.3681 | 32.6227083 | 16.42 | 17.8208 |
| 32.4374074 | 15.98 | 7.5597 | 32.5301157 | 16.28 | 14.2146 | 32.6228241 | 16.42 | 17.6464 |
| 32.4375232 | 15.98 | 7.7309 | 32.5302315 | 16.28 | 13.1709 | 32.6229398 | 16.42 | 17.7391 |
| 32.4376389 | 16.02 | 10.3535 | 32.5303472 | 16.31 | 18.2333 | 32.6230556 | 16.4 | 17.6551 |
| 32.4377546 | 16.02 | 10.561 | 32.530463 | 16.31 | 18.0323 | 32.6231713 | 16.42 | 17.2514 |
| 32.4378704 | 16.03 | 11.3763 | 32.5305787 | 16.31 | 16.8051 | 32.623287 | 16.42 | 16.938 |
| 32.4379861 | 16.05 | 11.7103 | 32.5306944 | 16.31 | 16.9981 | 32.6234028 | 16.42 | 16.9502 |
| 32.4381019 | 16.05 | 11.8704 | 32.5308102 | 16.29 | 14.6144 | 32.6235185 | 16.4 | 17.1514 |
| 32.4382176 | 16.05 | 12.4772 | 32.5309259 | 16.29 | 14.4495 | 32.6236343 | 16.42 | 17.1859 |
| 32.4383333 | 16.05 | 12.3751 | 32.5310417 | 16.31 | 17.8082 | 32.62375 | 16.4 | 17.0615 |
| 32.4384491 | 16.05 | 11.6773 | 32.5311574 | 16.29 | 14.9156 | 32.6238657 | 16.4 | 16.0261 |
| 32.4385648 | 15.98 | 7.7022 | 32.5312732 | 16.29 | 14.077 | 32.6239815 | 16.4 | 16.1218 |
| 32.4386806 | 16.03 | 10.35 | 32.5313889 | 16.29 | 14.1651 | 32.6240972 | 16.4 | 17.0698 |
| 32.4387963 | 16.05 | 11.3592 | 32.5315046 | 16.29 | 14.1595 | 32.624213 | 16.4 | 17.0409 |
| 32.438912 | 16.02 | 10.9846 | 32.5316204 | 16.29 | 14.1853 | 32.6243287 | 16.42 | 17.3935 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4390278 | 16.03 | 11.5161 | 32.5317361 | 16.29 | 14.2638 | 32.6244444 | 16.42 | 17.3258 |
| 32.4391435 | 16 | 9.1643 | 32.5318519 | 16.29 | 14.3451 | 32.6245602 | 16.4 | 17.2404 |
| 32.4392593 | 16 | 9.6591 | 32.5319676 | 16.31 | 15.8521 | 32.6246759 | 16.42 | 17.3131 |
| 32.439375 | 16.03 | 10.9772 | 32.5320833 | 16.29 | 14.6548 | 32.6247917 | 16.42 | 17.1124 |
| 32.4394907 | 16.02 | 10.6598 | 32.5321991 | 16.29 | 14.7045 | 32.6249074 | 16.42 | 17.1512 |
| 32.4396065 | 16.03 | 10.8368 | 32.5323148 | 16.31 | 16.0875 | 32.6250232 | 16.42 | 17.2235 |
| 32.4397222 | 16.03 | 11.3058 | 32.5324306 | 16.29 | 15.6754 | 32.6251389 | 16.42 | 17.3539 |
| 32.439838 | 16 | 9.1659 | 32.5325463 | 16.29 | 15.1704 | 32.6252546 | 16.42 | 17.402 |
| 32.4399537 | 16.06 | 13.7996 | 32.532662 | 16.29 | 14.8874 | 32.6253704 | 16.42 | 17.3836 |
| 32.4400694 | 16.09 | 14.7397 | 32.5327778 | 16.29 | 14.8734 | 32.6254861 | 16.42 | 17.1442 |
| 32.4401852 | 16.09 | 14.6447 | 32.5328935 | 16.29 | 14.965 | 32.6256019 | 16.42 | 17.1428 |
| 32.4403009 | 16.09 | 14.8212 | 32.5330093 | 16.29 | 15.0052 | 32.6257176 | 16.42 | 17.3638 |
| 32.4404167 | 16.02 | 9.3138 | 32.533125 | 16.29 | 14.9074 | 32.6258333 | 16.43 | 17.0282 |
| 32.4405324 | 16.03 | 10.4448 | 32.5332407 | 16.29 | 14.723 | 32.6259491 | 16.42 | 16.8781 |
| 32.4406482 | 16.05 | 12.2466 | 32.5333565 | 16.29 | 15.1943 | 32.6260648 | 16.43 | 17.3821 |
| 32.4407639 | 16.05 | 12.1797 | 32.5334722 | 16.31 | 14.8543 | 32.6261806 | 16.43 | 18.256 |
| 32.4408796 | 16.05 | 12.3469 | 32.533588 | 16.31 | 15.0308 | 32.6262963 | 16.43 | 17.9075 |
| 32.4409954 | 16.05 | 11.5662 | 32.5337037 | 16.29 | 16.5477 | 32.626412 | 16.42 | 18.0261 |
| 32.4411111 | 16.02 | 10.3995 | 32.5338194 | 16.29 | 15.3061 | 32.6265278 | 16.43 | 18.0022 |
| 32.4412269 | 16.02 | 10.2143 | 32.5339352 | 16.31 | 15.987 | 32.6266435 | 16.43 | 18.2379 |
| 32.4413426 | 16.02 | 9.6837 | 32.5340509 | 16.29 | 15.0217 | 32.6267593 | 16.43 | 18.4797 |
| 32.4414583 | 16.02 | 10.7646 | 32.5341667 | 16.29 | 15.0929 | 32.626875 | 16.43 | 18.2819 |
| 32.4415741 | 16.03 | 10.9259 | 32.5342824 | 16.29 | 15.6469 | 32.6269907 | 16.43 | 17.6752 |
| 32.4416898 | 16 | 9.7833 | 32.5343982 | 16.29 | 16.0318 | 32.6271065 | 16.43 | 16.8685 |
| 32.4418056 | 15.99 | 9.0729 | 32.5345139 | 16.29 | 14.1819 | 32.6272222 | 16.43 | 16.3018 |
| 32.4419213 | 16.02 | 11.0341 | 32.5346296 | 16.29 | 15.8662 | 32.627338 | 16.42 | 16.1176 |
| 32.442037 | 16.06 | 13.1241 | 32.5347454 | 16.29 | 15.0573 | 32.6274537 | 16.43 | 16.8238 |
| 32.4421528 | 16.18 | 18.631 | 32.5348611 | 16.29 | 15.8524 | 32.6275694 | 16.42 | 16.7888 |
| 32.4422685 | 16.05 | 10.812 | 32.5349769 | 16.29 | 15.9153 | 32.6276852 | 16.42 | 16.101 |
| 32.4423843 | 16.13 | 16.7232 | 32.5350926 | 16.29 | 16.0879 | 32.6278009 | 16.42 | 15.8652 |
| 32.4425 | 16.07 | 12.8487 | 32.5352083 | 16.29 | 17.0876 | 32.6279167 | 16.4 | 16.1795 |
| 32.4426157 | 16 | 8.8506 | 32.5353241 | 16.29 | 17.6486 | 32.6280324 | 16.42 | 16.6174 |
| 32.4427315 | 16 | 9.0357 | 32.5354398 | 16.29 | 15.9166 | 32.6281482 | 16.42 | 16.6121 |
| 32.4428472 | 15.98 | 7.0114 | 32.5355556 | 16.29 | 16.9901 | 32.6282639 | 16.42 | 16.5815 |
| 32.442963 | 16.03 | 10.4593 | 32.5356713 | 16.29 | 16.9573 | 32.6283796 | 16.42 | 16.4943 |
| 32.4430787 | 16 | 10.6449 | 32.535787 | 16.29 | 16.4489 | 32.6284954 | 16.42 | 16.4693 |
| 32.4431944 | 16 | 8.654 | 32.5359028 | 16.29 | 17.1762 | 32.6286111 | 16.42 | 16.5696 |
| 32.4433102 | 16 | 9.7484 | 32.5360185 | 16.29 | 15.8399 | 32.6287269 | 16.42 | 16.5233 |
| 32.4434259 | 16.03 | 10.6617 | 32.5361343 | 16.29 | 16.5358 | 32.6288426 | 16.42 | 16.8428 |
| 32.4435417 | 16 | 8.9313 | 32.53625 | 16.29 | 15.7898 | 32.6289583 | 16.43 | 17.774 |
| 32.4436574 | 15.98 | 7.7946 | 32.5363657 | 16.29 | 16.0827 | 32.6290741 | 16.42 | 18.1744 |
| 32.4437732 | 15.98 | 7.9283 | 32.5364815 | 16.29 | 15.5422 | 32.6291898 | 16.43 | 17.6463 |
| 32.4438889 | 15.96 | 6.9858 | 32.5365972 | 16.31 | 15.8207 | 32.6293056 | 16.42 | 17.7478 |
| 32.4440046 | 15.98 | 8.0262 | 32.536713 | 16.31 | 15.6961 | 32.6294213 | 16.42 | 16.8455 |
| 32.4441204 | 16.02 | 10.7803 | 32.5368287 | 16.29 | 15.6259 | 32.629537 | 16.42 | 17.5429 |
| 32.4442361 | 15.98 | 8.0618 | 32.5369444 | 16.31 | 14.6498 | 32.6296528 | 16.42 | 17.9592 |
| 32.4443519 | 16.17 | 18.2879 | 32.5370602 | 16.31 | 14.7633 | 32.6297685 | 16.42 | 16.555 |
| 32.4444676 | 16.03 | 11.0829 | 32.5371759 | 16.29 | 15.5471 | 32.6298843 | 16.42 | 17.6984 |
| 32.4445833 | 16.06 | 13.0434 | 32.5372917 | 16.29 | 14.7428 | 32.63 | 16.42 | 17.4345 |
| 32.4446991 | 16.14 | 17.9486 | 32.5374074 | 16.31 | 14.5807 | 32.6301157 | 16.42 | 17.5945 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4448148 | 16.17 | 18.2971 | 32.5375232 | 16.31 | 14.8449 | 32.6302315 | 16.43 | 18.0484 |
| 32.4449306 | 16.09 | 14.7908 | 32.5376389 | 16.31 | 14.9011 | 32.6303472 | 16.43 | 18.2121 |
| 32.4450463 | 16.11 | 15.4211 | 32.5377546 | 16.29 | 14.9462 | 32.630463 | 16.4 | 16.2893 |
| 32.445162 | 16.05 | 10.7041 | 32.5378704 | 16.29 | 14.8933 | 32.6305787 | 16.4 | 16.5394 |
| 32.4452778 | 15.99 | 8.0637 | 32.5379861 | 16.31 | 14.9694 | 32.6306944 | 16.42 | 17.834 |
| 32.4453935 | 15.99 | 8.9807 | 32.5381019 | 16.31 | 15.5063 | 32.6308102 | 16.42 | 17.7653 |
| 32.4455093 | 15.96 | 7.0905 | 32.5382176 | 16.31 | 15.6762 | 32.6309259 | 16.4 | 15.5279 |
| 32.445625 | 15.98 | 7.2958 | 32.5383333 | 16.31 | 15.5443 | 32.6310417 | 16.4 | 16.0911 |
| 32.4457407 | 15.96 | 7.0163 | 32.5384491 | 16.31 | 15.5615 | 32.6311574 | 16.42 | 18.458 |
| 32.4458565 | 15.98 | 7.374 | 32.5385648 | 16.31 | 15.5051 | 32.6312732 | 16.42 | 18.0544 |
| 32.4459722 | 15.96 | 7.0862 | 32.5386806 | 16.31 | 15.6998 | 32.6313889 | 16.42 | 16.0933 |
| 32.446088 | 15.96 | 7.0021 | 32.5387963 | 16.32 | 15.7618 | 32.6315046 | 16.4 | 16.5752 |
| 32.4462037 | 15.95 | 6.7212 | 32.538912 | 16.31 | 15.842 | 32.6316204 | 16.42 | 17.9622 |
| 32.4463194 | 15.98 | 7.2834 | 32.5390278 | 16.32 | 15.8005 | 32.6317361 | 16.42 | 17.9178 |
| 32.4464352 | 15.96 | 7.0163 | 32.5391435 | 16.31 | 15.7645 | 32.6318519 | 16.42 | 17.4034 |
| 32.4465509 | 15.95 | 6.4865 | 32.5392593 | 16.31 | 15.7172 | 32.6319676 | 16.4 | 16.3322 |
| 32.4466667 | 15.99 | 8.4694 | 32.539375 | 16.32 | 15.7108 | 32.6320833 | 16.42 | 17.9385 |
| 32.4467824 | 15.95 | 6.1442 | 32.5394907 | 16.32 | 16.0109 | 32.6321991 | 16.42 | 16.6294 |
| 32.4468982 | 15.94 | 6.0185 | 32.5396065 | 16.32 | 17.3309 | 32.6323148 | 16.42 | 16.0767 |
| 32.4470139 | 15.99 | 8.8077 | 32.5397222 | 16.32 | 17.057 | 32.6324306 | 16.42 | 16.5948 |
| 32.4471296 | 15.98 | 8.1209 | 32.539838 | 16.32 | 16.931 | 32.6325463 | 16.42 | 16.2683 |
| 32.4472454 | 15.98 | 8.0146 | 32.5399537 | 16.32 | 16.8563 | 32.632662 | 16.4 | 16.877 |
| 32.4473611 | 15.99 | 9.5091 | 32.5400694 | 16.31 | 16.9271 | 32.6327778 | 16.42 | 17.005 |
| 32.4474769 | 15.99 | 8.9956 | 32.5401852 | 16.32 | 16.8333 | 32.6328935 | 16.4 | 16.4748 |
| 32.4475926 | 16.06 | 12.2866 | 32.5403009 | 16.32 | 16.4039 | 32.6330093 | 16.42 | 16.8131 |
| 32.4477083 | 16 | 9.7693 | 32.5404167 | 16.32 | 16.5473 | 32.633125 | 16.42 | 18.5122 |
| 32.4478241 | 15.99 | 8.6594 | 32.5405324 | 16.32 | 16.5857 | 32.6332407 | 16.42 | 17.8545 |
| 32.4479398 | 15.98 | 7.4595 | 32.5406482 | 16.32 | 16.7673 | 32.6333565 | 16.42 | 17.9356 |
| 32.4480556 | 15.98 | 7.8555 | 32.5407639 | 16.32 | 17.6196 | 32.6334722 | 16.43 | 18.8838 |
| 32.4481713 | 16 | 9.7215 | 32.5408796 | 16.33 | 17.6383 | 32.633588 | 16.42 | 18.7185 |
| 32.448287 | 15.98 | 7.7581 | 32.5409954 | 16.33 | 18.2772 | 32.6337037 | 16.42 | 18.7961 |
| 32.4484028 | 16.05 | 12.1528 | 32.5411111 | 16.33 | 16.7456 | 32.6338194 | 16.42 | 18.6165 |
| 32.4485185 | 15.99 | 8.8052 | 32.5412269 | 16.33 | 16.696 | 32.6339352 | 16.42 | 18.0843 |
| 32.4486343 | 16 | 9.7441 | 32.5413426 | 16.33 | 16.84 | 32.6340509 | 16.4 | 18.5789 |
| 32.44875 | 16.05 | 11.9726 | 32.5414583 | 16.33 | 16.6014 | 32.6341667 | 16.42 | 19.043 |
| 32.4488657 | 16.03 | 10.6957 | 32.5415741 | 16.33 | 16.4746 | 32.6342824 | 16.42 | 18.7961 |
| 32.4489815 | 16.05 | 11.6173 | 32.5416898 | 16.33 | 16.882 | 32.6343982 | 16.4 | 16.6737 |
| 32.4490972 | 16.03 | 11.1591 | 32.5418056 | 16.33 | 17.1924 | 32.6345139 | 16.4 | 16.7729 |
| 32.449213 | 16.02 | 10.0391 | 32.5419213 | 16.33 | 17.575 | 32.6346296 | 16.42 | 18.3811 |
| 32.4493287 | 16.05 | 11.5161 | 32.542037 | 16.33 | 17.314 | 32.6347454 | 16.4 | 16.8066 |
| 32.4494444 | 16.03 | 11.3391 | 32.5421528 | 16.33 | 16.7282 | 32.6348611 | 16.4 | 16.4066 |
| 32.4495602 | 16.03 | 10.8229 | 32.5422685 | 16.33 | 17.141 | 32.6349769 | 16.42 | 17.7289 |
| 32.4496759 | 16.03 | 10.8461 | 32.5423843 | 16.32 | 16.5923 | 32.6350926 | 16.4 | 16.607 |
| 32.4497917 | 16.03 | 10.7049 | 32.5425 | 16.33 | 16.5577 | 32.6352083 | 16.39 | 16.1527 |
| 32.4499074 | 16.03 | 10.8183 | 32.5426157 | 16.33 | 16.262 | 32.6353241 | 16.39 | 16.4382 |
| 32.4500232 | 16.07 | 13.4583 | 32.5427315 | 16.32 | 16.4209 | 32.6354398 | 16.39 | 16.1604 |
| 32.4501389 | 16.06 | 12.4235 | 32.5428472 | 16.33 | 16.8969 | 32.6355556 | 16.4 | 16.1205 |
| 32.4502546 | 16.07 | 12.5501 | 32.542963 | 16.32 | 16.2544 | 32.6356713 | 16.4 | 17.6306 |
| 32.4503704 | 16.03 | 10.847 | 32.5430787 | 16.32 | 16.5684 | 32.635787 | 16.4 | 16.55 |
| 32.4504861 | 16.03 | 10.314 | 32.5431944 | 16.33 | 17.0858 | 32.6359028 | 16.4 | 16.4275 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4506019 | 16.06 | 12.7364 | 32.5433102 | 16.32 | 16.4866 | 32.6360185 | 16.42 | 18.1428 |
| 32.4507176 | 16.07 | 13.5411 | 32.5434259 | 16.33 | 17.3674 | 32.6361343 | 16.4 | 17.3231 |
| 32.4508333 | 16.03 | 10.7555 | 32.5435417 | 16.32 | 16.2854 | 32.63625 | 16.4 | 16.3909 |
| 32.4509491 | 16.02 | 9.5646 | 32.5436574 | 16.32 | 16.4629 | 32.6363657 | 16.4 | 16.8987 |
| 32.4510648 | 16.02 | 10.1715 | 32.5437732 | 16.32 | 16.3426 | 32.6364815 | 16.42 | 17.264 |
| 32.4511806 | 16.02 | 9.6707 | 32.5438889 | 16.33 | 16.4851 | 32.6365972 | 16.42 | 17.8928 |
| 32.4512963 | 16.02 | 10.0515 | 32.5440046 | 16.33 | 16.7564 | 32.636713 | 16.42 | 16.2566 |
| 32.451412 | 16 | 9.5428 | 32.5441204 | 16.32 | 16.878 | 32.6368287 | 16.4 | 16.1937 |
| 32.4515278 | 15.99 | 8.1049 | 32.5442361 | 16.32 | 16.9624 | 32.6369444 | 16.42 | 18.4442 |
| 32.4516435 | 16.03 | 10.5047 | 32.5443519 | 16.32 | 16.8563 | 32.6370602 | 16.42 | 16.5868 |
| 32.4517593 | 16.07 | 13.9953 | 32.5444676 | 16.32 | 16.8441 | 32.6371759 | 16.42 | 16.7525 |
| 32.451875 | 16.03 | 10.8915 | 32.5445833 | 16.33 | 16.8494 | 32.6372917 | 16.4 | 16.4302 |
| 32.4519907 | 16.03 | 11.3153 | 32.5446991 | 16.32 | 16.8997 | 32.6374074 | 16.4 | 16.8838 |
| 32.4521065 | 16.03 | 10.6498 | 32.5448148 | 16.33 | 16.901 | 32.6375232 | 16.42 | 16.6801 |
| 32.4522222 | 16.05 | 12.7663 | 32.5449306 | 16.33 | 16.98 | 32.6376389 | 16.4 | 17.045 |
| 32.452338 | 16.11 | 15.4723 | 32.5450463 | 16.32 | 16.7888 | 32.6377546 | 16.42 | 16.938 |
| 32.4524537 | 16.02 | 8.5376 | 32.545162 | 16.32 | 16.9283 | 32.6378704 | 16.42 | 16.9981 |
| 32.4525694 | 16 | 8.8605 | 32.5452778 | 16.32 | 16.9229 | 32.6379861 | 16.4 | 17.1944 |
| 32.4526852 | 15.98 | 7.4491 | 32.5453935 | 16.32 | 16.8252 | 32.6381019 | 16.4 | 17.7087 |
| 32.4528009 | 16.1 | 14.5755 | 32.5455093 | 16.32 | 15.911 | 32.6382176 | 16.4 | 17.2964 |
| 32.4529167 | 16.02 | 10.0595 | 32.545625 | 16.32 | 16.8239 | 32.6383333 | 16.4 | 17.096 |
| 32.4530324 | 16.1 | 14.8058 | 32.5457407 | 16.32 | 16.9747 | 32.6384491 | 16.4 | 18.1834 |
| 32.4531482 | 16.11 | 16.1538 | 32.5458565 | 16.32 | 17.1675 | 32.6385648 | 16.4 | 17.4404 |
| 32.4532639 | 16.06 | 12.1687 | 32.5459722 | 16.32 | 17.1273 | 32.6386806 | 16.4 | 17.4248 |
| 32.4533796 | 16.05 | 11.4413 | 32.546088 | 16.32 | 16.6882 | 32.6387963 | 16.4 | 17.3456 |
| 32.4534954 | 16.03 | 10.5611 | 32.5462037 | 16.32 | 16.6521 | 32.638912 | 16.4 | 17.2237 |
| 32.4536111 | 16.06 | 12.7179 | 32.5463194 | 16.32 | 17.1245 | 32.6390278 | 16.4 | 17.4021 |
| 32.4537269 | 16.06 | 12.9006 | 32.5464352 | 16.32 | 17.1301 | 32.6391435 | 16.4 | 17.0781 |
| 32.4538426 | 16.1 | 14.856 | 32.5465509 | 16.32 | 16.7619 | 32.6392593 | 16.4 | 16.9314 |
| 32.4539583 | 16.13 | 16.6618 | 32.5466667 | 16.33 | 16.9186 | 32.639375 | 16.4 | 17.2446 |
| 32.4540741 | 16.14 | 16.9703 | 32.5467824 | 16.32 | 16.972 | 32.6394907 | 16.4 | 18.1804 |
| 32.4541898 | 16.11 | 15.812 | 32.5468982 | 16.32 | 16.8279 | 32.6396065 | 16.4 | 16.7473 |
| 32.4543056 | 16.09 | 12.7474 | 32.5470139 | 16.33 | 16.8711 | 32.6397222 | 16.4 | 17.056 |
| 32.4544213 | 16.13 | 16.758 | 32.5471296 | 16.32 | 16.8889 | 32.639838 | 16.4 | 17.9785 |
| 32.454537 | 16.17 | 18.015 | 32.5472454 | 16.32 | 16.9528 | 32.6399537 | 16.4 | 17.1583 |
| 32.4546528 | 16.13 | 16.1317 | 32.5473611 | 16.32 | 17.2762 | 32.6400694 | 16.4 | 16.9778 |
| 32.4547685 | 15.99 | 6.5472 | 32.5474769 | 16.33 | 17.8154 | 32.6401852 | 16.4 | 17.1819 |
| 32.4548843 | 16 | 9.7833 | 32.5475926 | 16.33 | 17.3957 | 32.6403009 | 16.4 | 17.2014 |
| 32.455 | 16.22 | 20.644 | 32.5477083 | 16.32 | 17.2022 | 32.6404167 | 16.39 | 16.7461 |
| 32.4551157 | 16.29 | 22.7346 | 32.5478241 | 16.33 | 17.5078 | 32.6405324 | 16.4 | 17.1292 |
| 32.4552315 | 16.07 | 9.9104 | 32.5479398 | 16.33 | 17.7105 | 32.6406482 | 16.4 | 17.0052 |
| 32.4553472 | 16.22 | 19.7838 | 32.5480556 | 16.33 | 17.7803 | 32.6407639 | 16.4 | 17.1861 |
| 32.455463 | 16.14 | 16.7942 | 32.5481713 | 16.33 | 17.7338 | 32.6408796 | 16.39 | 17.2699 |
| 32.4555787 | 16.09 | 14.1094 | 32.548287 | 16.33 | 16.1974 | 32.6409954 | 16.39 | 16.967 |
| 32.4556944 | 16.11 | 15.0798 | 32.5484028 | 16.32 | 16.353 | 32.6411111 | 16.39 | 17.7291 |
| 32.4558102 | 16.1 | 14.1193 | 32.5485185 | 16.33 | 18.253 | 32.6412269 | 16.4 | 17.2796 |
| 32.4559259 | 16.09 | 13.6803 | 32.5486343 | 16.33 | 17.7905 | 32.6413426 | 16.39 | 16.9793 |
| 32.4560417 | 16.07 | 13.31 | 32.54875 | 16.33 | 18.7416 | 32.6414583 | 16.39 | 16.922 |
| 32.4561574 | 16.06 | 12.3791 | 32.5488657 | 16.33 | 18.3 | 32.6415741 | 16.39 | 16.9424 |
| 32.4562732 | 16.05 | 12.0763 | 32.5489815 | 16.33 | 17.6744 | 32.6416898 | 16.39 | 16.8486 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4563889 | 16.05 | 11.4566 | 32.5490972 | 16.33 | 17.5951 | 32.6418056 | 16.39 | 17.3078 |
| 32.4565046 | 16.05 | 11.3297 | 32.549213 | 16.33 | 17.6181 | 32.6419213 | 16.39 | 17.7727 |
| 32.4566204 | 16.05 | 11.942 | 32.5493287 | 16.33 | 17.67 | 32.642037 | 16.39 | 18.4194 |
| 32.4567361 | 16.03 | 11.1733 | 32.5494444 | 16.33 | 17.6541 | 32.6421528 | 16.39 | 17.5689 |
| 32.4568519 | 16.03 | 11.1676 | 32.5495602 | 16.32 | 17.7077 | 32.6422685 | 16.4 | 17.5659 |
| 32.4569676 | 16.05 | 11.3449 | 32.5496759 | 16.33 | 17.5922 | 32.6423843 | 16.39 | 18.0888 |
| 32.4570833 | 16.05 | 11.2926 | 32.5497917 | 16.33 | 17.7628 | 32.6425 | 16.4 | 17.7698 |
| 32.4571991 | 16.11 | 16.1359 | 32.5499074 | 16.33 | 18.056 | 32.6426157 | 16.4 | 18.54 |
| 32.4573148 | 16.14 | 17.1075 | 32.5500232 | 16.33 | 17.776 | 32.6427315 | 16.4 | 18.2712 |
| 32.4574306 | 16.06 | 11.6773 | 32.5501389 | 16.33 | 18.2985 | 32.6428472 | 16.4 | 18.4719 |
| 32.4575463 | 16.07 | 12.9848 | 32.5502546 | 16.33 | 17.9669 | 32.642963 | 16.4 | 17.9253 |
| 32.457662 | 16.05 | 11.0315 | 32.5503704 | 16.33 | 18.0531 | 32.6430787 | 16.39 | 17.6566 |
| 32.4577778 | 16.1 | 16.7371 | 32.5504861 | 16.33 | 18.059 | 32.6431944 | 16.4 | 17.8678 |
| 32.4578935 | 16.17 | 18.656 | 32.5506019 | 16.33 | 18.1518 | 32.6433102 | 16.4 | 17.5459 |
| 32.4580093 | 16.11 | 14.6686 | 32.5507176 | 16.33 | 18.001 | 32.6434259 | 16.4 | 18.2773 |
| 32.458125 | 16.09 | 12.7053 | 32.5508333 | 16.33 | 18.5521 | 32.6435417 | 16.4 | 17.9711 |
| 32.4582407 | 15.99 | 6.7769 | 32.5509491 | 16.33 | 18.2469 | 32.6436574 | 16.4 | 17.6956 |
| 32.4583565 | 16.09 | 15.2211 | 32.5510648 | 16.33 | 16.6466 | 32.6437732 | 16.4 | 17.4916 |
| 32.4584722 | 15.98 | 6.4776 | 32.5511806 | 16.33 | 18.2136 | 32.6438889 | 16.4 | 17.9046 |
| 32.458588 | 16.1 | 16.0965 | 32.5512963 | 16.33 | 18.1834 | 32.6440046 | 16.4 | 19.0525 |
| 32.4587037 | 16.09 | 14.5699 | 32.551412 | 16.33 | 18.591 | 32.6441204 | 16.4 | 18.5649 |
| 32.4588194 | 16.03 | 10.4965 | 32.5515278 | 16.33 | 17.6253 | 32.6442361 | 16.4 | 18.5245 |
| 32.4589352 | 16.06 | 13.0853 | 32.5516435 | 16.35 | 18.5026 | 32.6443519 | 16.4 | 18.4564 |
| 32.4590509 | 16.06 | 11.6164 | 32.5517593 | 16.35 | 18.6364 | 32.6444676 | 16.4 | 18.3657 |
| 32.4591667 | 16.1 | 15.1574 | 32.551875 | 16.33 | 18.8605 | 32.6445833 | 16.4 | 18.4472 |
| 32.4592824 | 16.13 | 16.5042 | 32.5519907 | 16.35 | 18.7686 | 32.6446991 | 16.39 | 18.933 |
| 32.4593982 | 16.09 | 13.786 | 32.5521065 | 16.33 | 19.2328 | 32.6448148 | 16.39 | 19.168 |
| 32.4595139 | 16.1 | 14.4041 | 32.5522222 | 16.35 | 18.4779 | 32.6449306 | 16.39 | 18.7436 |
| 32.4596296 | 16.14 | 16.9539 | 32.552338 | 16.35 | 18.9519 | 32.6450463 | 16.39 | 19.0039 |
| 32.4597454 | 16.14 | 16.2925 | 32.5524537 | 16.35 | 19.4004 | 32.645162 | 16.39 | 18.3458 |
| 32.4598611 | 16.16 | 17.6886 | 32.5525694 | 16.33 | 16.5617 | 32.6452778 | 16.4 | 18.1292 |
| 32.4599769 | 16.16 | 17.3102 | 32.5526852 | 16.35 | 17.9683 | 32.6453935 | 16.39 | 17.7407 |
| 32.4600926 | 16.2 | 19.398 | 32.5528009 | 16.35 | 19.3057 | 32.6455093 | 16.4 | 18.0604 |
| 32.4602083 | 16.2 | 19.3747 | 32.5529167 | 16.33 | 19.1411 | 32.645625 | 16.4 | 18.2151 |
| 32.4603241 | 16.16 | 17.022 | 32.5530324 | 16.33 | 17.2342 | 32.6457407 | 16.39 | 18.6194 |
| 32.4604398 | 16.2 | 19.2804 | 32.5531482 | 16.33 | 17.8755 | 32.6458565 | 16.4 | 18.7105 |
| 32.4605556 | 16.2 | 19.4965 | 32.5532639 | 16.33 | 17.2509 | 32.6459722 | 16.4 | 18.3092 |
| 32.4606713 | 16.16 | 17.3903 | 32.5533796 | 16.35 | 16.6797 | 32.646088 | 16.39 | 18.0649 |
| 32.460787 | 16.17 | 18.0834 | 32.5534954 | 16.33 | 16.4641 | 32.6462037 | 16.4 | 17.9682 |
| 32.4609028 | 16.21 | 19.8232 | 32.5536111 | 16.35 | 17.3152 | 32.6463194 | 16.4 | 18.0425 |
| 32.4610185 | 16.18 | 18.0461 | 32.5537269 | 16.35 | 17.0017 | 32.6464352 | 16.4 | 17.9179 |
| 32.4611343 | 16.18 | 18.3946 | 32.5538426 | 16.33 | 17.7091 | 32.6465509 | 16.4 | 17.7873 |
| 32.46125 | 16.18 | 18.6654 | 32.5539583 | 16.35 | 17.7642 | 32.6466667 | 16.39 | 17.7029 |
| 32.4613657 | 16.18 | 18.0179 | 32.5540741 | 16.35 | 18.7765 | 32.6467824 | 16.4 | 17.8311 |
| 32.4614815 | 16.2 | 18.8596 | 32.5541898 | 16.33 | 18.9196 | 32.6468982 | 16.4 | 17.7014 |
| 32.4615972 | 16.2 | 18.7408 | 32.5543056 | 16.35 | 17.8739 | 32.6470139 | 16.4 | 17.6624 |
| 32.461713 | 16.2 | 18.7803 | 32.5544213 | 16.33 | 17.998 | 32.6471296 | 16.4 | 17.6061 |
| 32.4618287 | 16.18 | 18.5563 | 32.554537 | 16.35 | 18.2681 | 32.6472454 | 16.4 | 18.6948 |
| 32.4619444 | 16.2 | 18.8627 | 32.5546528 | 16.35 | 19.0018 | 32.6473611 | 16.4 | 17.8311 |
| 32.4620602 | 16.2 | 18.575 | 32.5547685 | 16.33 | 18.0248 | 32.6474769 | 16.4 | 17.7421 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4621759 | 16.21 | 19.0166 | 32.5548843 | 16.33 | 17.3576 | 32.6475926 | 16.4 | 17.884 |
| 32.4622917 | 16.2 | 19.0358 | 32.555 | 16.35 | 18.6662 | 32.6477083 | 16.39 | 17.687 |
| 32.4624074 | 16.2 | 19.0213 | 32.5551157 | 16.33 | 17.0651 | 32.6478241 | 16.4 | 17.9608 |
| 32.4625232 | 16.22 | 19.8805 | 32.5552315 | 16.33 | 17.7396 | 32.6479398 | 16.4 | 17.9046 |
| 32.4626389 | 16.21 | 19.35 | 32.5553472 | 16.35 | 17.7686 | 32.6480556 | 16.39 | 17.7262 |
| 32.4627546 | 16.21 | 19.0311 | 32.555463 | 16.33 | 18.7969 | 32.6481713 | 16.4 | 18.1142 |
| 32.4628704 | 16.28 | 21.7547 | 32.5555787 | 16.33 | 18.5521 | 32.648287 | 16.39 | 17.9253 |
| 32.4629861 | 16.29 | 21.8673 | 32.5556944 | 16.35 | 17.7977 | 32.6484028 | 16.39 | 17.9165 |
| 32.4631019 | 16.28 | 21.5141 | 32.5558102 | 16.33 | 17.1452 | 32.6485185 | 16.39 | 18.2061 |
| 32.4632176 | 16.2 | 17.8747 | 32.5559259 | 16.35 | 17.0319 | 32.6486343 | 16.4 | 18.2393 |
| 32.4633333 | 16.2 | 18.6186 | 32.5560417 | 16.33 | 17.4282 | 32.64875 | 16.4 | 18.1488 |
| 32.4634491 | 16.22 | 19.8459 | 32.5561574 | 16.33 | 16.79 | 32.6488657 | 16.4 | 18.1037 |
| 32.4635648 | 16.24 | 20.1828 | 32.5562732 | 16.35 | 15.3122 | 32.6489815 | 16.4 | 18.1383 |
| 32.4636806 | 16.2 | 18.6155 | 32.5563889 | 16.35 | 11.4609 | 32.6490972 | 16.4 | 18.1834 |
| 32.4637963 | 16.2 | 18.9234 | 32.5565046 | 16.25 | 0.2479 | 32.649213 | 16.39 | 18.512 |
| 32.463912 | 16.2 | 18.7282 | 32.5566204 | 16.27 | 12.51 | 32.6493287 | 16.4 | 18.6916 |
| 32.4640278 | 16.17 | 16.8734 | 32.5567361 | 16.07 | 0.2256 | 32.6494444 | 16.4 | 18.554 |
| 32.4641435 | 16.2 | 18.2576 | 32.5568519 | 16.33 | 13.7975 | 32.6495602 | 16.4 | 18.0843 |
| 32.4642593 | 16.2 | 18.6077 | 32.5569676 | 16.35 | 16.5085 | 32.6496759 | 16.39 | 17.9312 |
| 32.464375 | 16.2 | 18.5719 | 32.5570833 | 16.38 | 20.6227 | 32.6497917 | 16.4 | 18.4318 |
| 32.4644907 | 16.18 | 18.3762 | 32.5571991 | 16.36 | 17.113 | 32.6499074 | 16.4 | 19.1322 |
| 32.4646065 | 16.21 | 18.9106 | 32.5573148 | 16.36 | 16.7211 | 32.6500232 | 16.4 | 19.0072 |
| 32.4647222 | 16.22 | 19.6658 | 32.5574306 | 16.36 | 16.8098 | 32.6501389 | 16.39 | 18.8022 |
| 32.464838 | 16.13 | 14.5096 | 32.5575463 | 16.36 | 18.7497 | 32.6502546 | 16.39 | 18.8914 |
| 32.4649537 | 16.1 | 14.2695 | 32.557662 | 16.38 | 20.4648 | 32.6503704 | 16.39 | 17.9445 |
| 32.4650694 | 16.16 | 17.0948 | 32.5577778 | 16.38 | 17.4405 | 32.6504861 | 16.39 | 17.8312 |
| 32.4651852 | 16.21 | 19.4014 | 32.5578935 | 16.36 | 15.7324 | 32.6506019 | 16.39 | 18.6884 |
| 32.4653009 | 16.22 | 19.7307 | 32.5580093 | 16.36 | 16.5097 | 32.6507176 | 16.4 | 18.9588 |
| 32.4654167 | 16.22 | 19.9761 | 32.558125 | 16.38 | 17.3881 | 32.6508333 | 16.39 | 18.925 |
| 32.4655324 | 16.22 | 19.6488 | 32.5582407 | 16.36 | 16.2292 | 32.6509491 | 16.39 | 18.7546 |
| 32.4656482 | 16.11 | 13.302 | 32.5583565 | 16.36 | 15.653 | 32.6510648 | 16.39 | 18.2636 |
| 32.4657639 | 16.14 | 16.2873 | 32.5584722 | 16.36 | 15.3314 | 32.6511806 | 16.38 | 19.1925 |
| 32.4658796 | 16.24 | 20.6356 | 32.558588 | 16.36 | 15.398 | 32.6512963 | 16.39 | 19.1076 |
| 32.4659954 | 16.2 | 17.4777 | 32.5587037 | 16.36 | 15.611 | 32.651412 | 16.38 | 18.8482 |
| 32.4661111 | 16.17 | 16.8328 | 32.5588194 | 16.36 | 15.187 | 32.6515278 | 16.36 | 18.3626 |
| 32.4662269 | 16.21 | 19.4481 | 32.5589352 | 16.35 | 15.0739 | 32.6516435 | 16.36 | 18.3382 |
| 32.4663426 | 16.22 | 19.8045 | 32.5590509 | 16.39 | 19.4094 | 32.6517593 | 16.39 | 19.505 |
| 32.4664583 | 16.22 | 19.4751 | 32.5591667 | 16.39 | 20.1607 | 32.651875 | 16.39 | 18.9218 |
| 32.4665741 | 16.24 | 20.3655 | 32.5592824 | 16.39 | 19.4563 | 32.6519907 | 16.38 | 18.6397 |
| 32.4666898 | 16.22 | 20.0814 | 32.5593982 | 16.39 | 20.0933 | 32.6521065 | 16.38 | 18.9265 |
| 32.4668056 | 16.24 | 19.9906 | 32.5595139 | 16.38 | 17.4775 | 32.6522222 | 16.39 | 19.3661 |
| 32.4669213 | 16.24 | 20.1438 | 32.5596296 | 16.38 | 15.7744 | 32.652338 | 16.38 | 18.5228 |
| 32.467037 | 16.21 | 18.6389 | 32.5597454 | 16.39 | 18.5043 | 32.6524537 | 16.38 | 18.4563 |
| 32.4671528 | 16.13 | 14.6232 | 32.5598611 | 16.39 | 19.0022 | 32.6525694 | 16.38 | 18.6178 |
| 32.4672685 | 16.2 | 17.9645 | 32.5599769 | 16.38 | 17.3896 | 32.6526852 | 16.39 | 18.7879 |
| 32.4673843 | 16.18 | 18.3274 | 32.5600926 | 16.39 | 16.6671 | 32.6528009 | 16.36 | 17.628 |
| 32.4675 | 16.21 | 19.5202 | 32.5602083 | 16.39 | 19.6541 | 32.6529167 | 16.38 | 18.424 |
| 32.4676157 | 16.24 | 20.1597 | 32.5603241 | 16.39 | 17.1917 | 32.6530324 | 16.39 | 18.9154 |
| 32.4677315 | 16.25 | 20.751 | 32.5604398 | 16.39 | 17.8502 | 32.6531482 | 16.36 | 17.9831 |
| 32.4678472 | 16.28 | 21.4369 | 32.5605556 | 16.39 | 18.5213 | 32.6532639 | 16.35 | 17.6295 |

| 32.467963 | 16.27 | 21.1094 | 32.5606713 | 16.39 | 16.4238 | 32.6533796 | 16.35 | 17.8724 |
| 32.4680787 | 16.22 | 19.4801 | 32.560787 | 16.39 | 16.0581 | | | |

DrEx 109

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 32.3894444 | 15.71 | 2.713 | 32.4930324 | 16.28 | 22.143 | 32.5966204 | 16.44 | 6.8563 |
| 32.3895602 | 15.87 | 5.0062 | 32.4931482 | 16.27 | 21.4252 | 32.5967361 | 16.44 | 6.6148 |
| 32.3896759 | 15.85 | 5.0093 | 32.4932639 | 16.24 | 17.5737 | 32.5968519 | 16.44 | 6.4107 |
| 32.3897917 | 15.85 | 3.9021 | 32.4933796 | 16.26 | 20.2608 | 32.5969676 | 16.44 | 6.8466 |
| 32.3899074 | 15.85 | 3.8665 | 32.4934954 | 16.3 | 22.2351 | 32.5970833 | 16.45 | 8.6542 |
| 32.3900232 | 15.87 | 4.892 | 32.4936111 | 16.21 | 16.0453 | 32.5971991 | 16.45 | 6.174 |
| 32.3901389 | 15.88 | 4.6028 | 32.4937269 | 16.21 | 16.1147 | 32.5973148 | 16.45 | 7.0674 |
| 32.3902546 | 15.88 | 6.0465 | 32.4938426 | 16.2 | 14.2503 | 32.5974306 | 16.45 | 7.9179 |
| 32.3903704 | 15.89 | 6.2105 | 32.4939583 | 16.21 | 15.3338 | 32.5975463 | 16.45 | 6.9314 |
| 32.3904861 | 15.88 | 5.2518 | 32.4940741 | 16.23 | 18.3494 | 32.597662 | 16.45 | 8.025 |
| 32.3906019 | 15.96 | 9.4238 | 32.4941898 | 16.26 | 19.5914 | 32.5977778 | 16.45 | 7.3111 |
| 32.3907176 | 15.88 | 4.7964 | 32.4943056 | 16.19 | 13.2773 | 32.5978935 | 16.45 | 6.3535 |
| 32.3908333 | 15.87 | 3.4511 | 32.4944213 | 16.19 | 13.1603 | 32.5980093 | 16.45 | 6.4363 |
| 32.3909491 | 15.87 | 5.9952 | 32.494537 | 16.19 | 12.7543 | 32.598125 | 16.45 | 7.0201 |
| 32.3910648 | 15.94 | 6.8604 | 32.4946528 | 16.21 | 17.2997 | 32.5982407 | 16.45 | 5.9812 |
| 32.3911806 | 15.87 | 2.9331 | 32.4947685 | 16.23 | 18.8781 | 32.5983565 | 16.45 | 7.1743 |
| 32.3912963 | 15.91 | 8.7539 | 32.4948843 | 16.24 | 19.4975 | 32.5984722 | 16.45 | 6.911 |
| 32.391412 | 16.02 | 7.2608 | 32.495 | 16.24 | 19.4567 | 32.598588 | 16.45 | 6.2826 |
| 32.3915278 | 15.91 | 5.2664 | 32.4951157 | 16.21 | 16.4775 | 32.5987037 | 16.45 | 7.3182 |
| 32.3916435 | 15.89 | 4.1972 | 32.4952315 | 16.23 | 17.6285 | 32.5988194 | 16.45 | 6.6962 |
| 32.3917593 | 15.85 | 2.7456 | 32.4953472 | 16.2 | 15.0144 | 32.5989352 | 16.46 | 5.3955 |
| 32.391875 | 15.84 | 2.572 | 32.495463 | 16.19 | 13.1327 | 32.5990509 | 16.45 | 5.9107 |
| 32.3919907 | 15.85 | 2.5398 | 32.4955787 | 16.17 | 12.0448 | 32.5991667 | 16.45 | 5.8035 |
| 32.3921065 | 15.89 | 4.9823 | 32.4956944 | 16.19 | 14.4013 | 32.5992824 | 16.45 | 7.5816 |
| 32.3922222 | 15.92 | 5.5841 | 32.4958102 | 16.2 | 15.2129 | 32.5993982 | 16.45 | 5.9594 |
| 32.392338 | 15.87 | 3.1733 | 32.4959259 | 16.19 | 13.9381 | 32.5995139 | 16.45 | 5.8028 |
| 32.3924537 | 15.87 | 2.987 | 32.4960417 | 16.19 | 15.0714 | 32.5996296 | 16.46 | 5.2361 |
| 32.3925694 | 15.91 | 6.9329 | 32.4961574 | 16.17 | 15.8597 | 32.5997454 | 16.46 | 4.3594 |
| 32.3926852 | 15.91 | 5.367 | 32.4962732 | 16.19 | 15.3006 | 32.5998611 | 16.45 | 5.4626 |
| 32.3928009 | 15.91 | 5.0323 | 32.4963889 | 16.2 | 15.6618 | 32.5999769 | 16.45 | 5.5722 |
| 32.3929167 | 15.87 | 3.7305 | 32.4965046 | 16.19 | 12.9452 | 32.6000926 | 16.46 | 6.2825 |
| 32.3930324 | 15.88 | 3.8466 | 32.4966204 | 16.17 | 13.0095 | 32.6002083 | 16.45 | 7.1519 |
| 32.3931482 | 15.94 | 7.0566 | 32.4967361 | 16.17 | 12.936 | 32.6003241 | 16.45 | 6.7339 |
| 32.3932639 | 15.89 | 4.3597 | 32.4968519 | 16.19 | 14.5132 | 32.6004398 | 16.45 | 4.1956 |
| 32.3933796 | 15.87 | 3.5444 | 32.4969676 | 16.2 | 15.5433 | 32.6005556 | 16.45 | 4.509 |
| 32.3934954 | 15.88 | 3.7901 | 32.4970833 | 16.2 | 16.2034 | 32.6006713 | 16.45 | 5.529 |
| 32.3936111 | 15.88 | 3.5426 | 32.4971991 | 16.2 | 15.9962 | 32.600787 | 16.45 | 6.0798 |
| 32.3937269 | 15.88 | 3.4295 | 32.4973148 | 16.2 | 17.2964 | 32.6009028 | 16.45 | 6.5767 |
| 32.3938426 | 15.89 | 3.9907 | 32.4974306 | 16.21 | 17.8383 | 32.6010185 | 16.45 | 5.0044 |
| 32.3939583 | 15.88 | 3.516 | 32.4975463 | 16.21 | 18.944 | 32.6011343 | 16.44 | 4.5062 |
| 32.3940741 | 15.88 | 3.7193 | 32.497662 | 16.2 | 16.5837 | 32.60125 | 16.45 | 4.3734 |
| 32.3941898 | 15.89 | 4.2304 | 32.4977778 | 16.21 | 18.3705 | 32.6013657 | 16.45 | 5.0804 |
| 32.3943056 | 15.88 | 3.7925 | 32.4978935 | 16.21 | 16.7297 | 32.6014815 | 16.44 | 5.8436 |
| 32.3944213 | 15.91 | 4.9839 | 32.4980093 | 16.21 | 16.8635 | 32.6015972 | 16.45 | 6.5643 |
| 32.394537 | 15.89 | 4.6812 | 32.498125 | 16.21 | 17.9701 | 32.601713 | 16.44 | 6.0387 |
| 32.3946528 | 15.91 | 4.5414 | 32.4982407 | 16.21 | 18.0955 | 32.6018287 | 16.45 | 4.8389 |
| 32.3947685 | 15.88 | 3.5231 | 32.4983565 | 16.21 | 18.9021 | 32.6019444 | 16.45 | 3.6105 |
| 32.3948843 | 15.91 | 4.4389 | 32.4984722 | 16.24 | 20.2561 | 32.6020602 | 16.44 | 5.4971 |
| 32.395 | 15.89 | 3.3996 | 32.498588 | 16.24 | 19.615 | 32.6021759 | 16.44 | 5.6423 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3951157 | 15.91 | 5.7727 | 32.4987037 | 16.23 | 18.7358 | 32.6022917 | 16.42 | 5.7455 |
| 32.3952315 | 15.89 | 4.3564 | 32.4988194 | 16.21 | 16.8853 | 32.6024074 | 16.42 | 5.4654 |
| 32.3953472 | 15.91 | 4.5192 | 32.4989352 | 16.2 | 16.3834 | 32.6025232 | 16.44 | 5.2135 |
| 32.395463 | 15.98 | 9.6552 | 32.4990509 | 16.21 | 17.5634 | 32.6026389 | 16.42 | 5.6464 |
| 32.3955787 | 15.96 | 8.0059 | 32.4991667 | 16.21 | 17.6736 | 32.6027546 | 16.42 | 7.0177 |
| 32.3956944 | 15.91 | 3.9801 | 32.4992824 | 16.21 | 17.612 | 32.6028704 | 16.41 | 6.5402 |
| 32.3958102 | 15.92 | 5.4964 | 32.4993982 | 16.21 | 17.7468 | 32.6029861 | 16.42 | 5.1113 |
| 32.3959259 | 15.91 | 4.9348 | 32.4995139 | 16.21 | 17.1161 | 32.6031019 | 16.41 | 5.9172 |
| 32.3960417 | 15.89 | 4.4258 | 32.4996296 | 16.2 | 15.1248 | 32.6032176 | 16.41 | 4.2534 |
| 32.3961574 | 15.89 | 4.1531 | 32.4997454 | 16.21 | 16.4097 | 32.6033333 | 16.41 | 5.8126 |
| 32.3962732 | 15.88 | 3.2857 | 32.4998611 | 16.21 | 16.8505 | 32.6034491 | 16.41 | 6.8374 |
| 32.3963889 | 15.98 | 7.7284 | 32.4999769 | 16.21 | 17.0037 | 32.6035648 | 16.41 | 8.3552 |
| 32.3965046 | 15.91 | 4.5242 | 32.5000926 | 16.21 | 17.4793 | 32.6036806 | 16.41 | 7.1985 |
| 32.3966204 | 15.95 | 8.857 | 32.5002083 | 16.23 | 17.5766 | 32.6037963 | 16.41 | 5.5442 |
| 32.3967361 | 15.94 | 6.5061 | 32.5003241 | 16.23 | 18.1014 | 32.603912 | 16.41 | 6.9761 |
| 32.3968519 | 15.91 | 4.9519 | 32.5004398 | 16.24 | 19.0884 | 32.6040278 | 16.41 | 5.7482 |
| 32.3969676 | 15.99 | 12.9113 | 32.5005556 | 16.2 | 15.5687 | 32.6041435 | 16.41 | 5.3014 |
| 32.3970833 | 16.01 | 11.557 | 32.5006713 | 16.21 | 17.8902 | 32.6042593 | 16.41 | 5.1727 |
| 32.3971991 | 15.94 | 5.7319 | 32.500787 | 16.24 | 18.8444 | 32.604375 | 16.41 | 9.4955 |
| 32.3973148 | 15.99 | 9.8105 | 32.5009028 | 16.24 | 19.7102 | 32.6044907 | 16.4 | 7.5902 |
| 32.3974306 | 16.02 | 12.8995 | 32.5010185 | 16.24 | 18.204 | 32.6046065 | 16.4 | 5.449 |
| 32.3975463 | 15.99 | 10.3447 | 32.5011343 | 16.24 | 19.3565 | 32.6047222 | 16.4 | 6.8947 |
| 32.397662 | 15.99 | 11.7661 | 32.50125 | 16.24 | 19.282 | 32.604838 | 16.4 | 4.2878 |
| 32.3977778 | 16.01 | 9.4717 | 32.5013657 | 16.24 | 18.2309 | 32.6049537 | 16.38 | 6.1145 |
| 32.3978935 | 16.09 | 15.4398 | 32.5014815 | 16.23 | 18.0021 | 32.6050694 | 16.38 | 6.2077 |
| 32.3980093 | 16.09 | 16.4188 | 32.5015972 | 16.24 | 18.3551 | 32.6051852 | 16.38 | 6.4561 |
| 32.398125 | 16.02 | 13.5712 | 32.501713 | 16.24 | 18.8191 | 32.6053009 | 16.38 | 7.0087 |
| 32.3982407 | 16.02 | 9.8906 | 32.5018287 | 16.26 | 19.2383 | 32.6054167 | 16.4 | 5.5991 |
| 32.3983565 | 16.12 | 17.7643 | 32.5019444 | 16.24 | 19.4084 | 32.6055324 | 16.4 | 5.0399 |
| 32.3984722 | 16.02 | 10.0704 | 32.5020602 | 16.24 | 19.2139 | 32.6056482 | 16.4 | 6.2026 |
| 32.398588 | 16.02 | 10.3389 | 32.5021759 | 16.26 | 19.2043 | 32.6057639 | 16.4 | 5.2414 |
| 32.3987037 | 16.16 | 19.854 | 32.5022917 | 16.26 | 19.3372 | 32.6058796 | 16.41 | 4.5156 |
| 32.3988194 | 16.03 | 10.1331 | 32.5024074 | 16.27 | 19.4479 | 32.6059954 | 16.41 | 5.5602 |
| 32.3989352 | 16.1 | 15.974 | 32.5025232 | 16.24 | 19.3776 | 32.6061111 | 16.41 | 5.2685 |
| 32.3990509 | 16.13 | 17.3221 | 32.5026389 | 16.24 | 19.1706 | 32.6062269 | 16.4 | 5.6062 |
| 32.3991667 | 16.13 | 17.5018 | 32.5027546 | 16.24 | 19.1108 | 32.6063426 | 16.41 | 7.1513 |
| 32.3992824 | 16.1 | 15.8626 | 32.5028704 | 16.27 | 20.6402 | 32.6064583 | 16.4 | 6.703 |
| 32.3993982 | 16.09 | 15.0424 | 32.5029861 | 16.26 | 20.1242 | 32.6065741 | 16.4 | 5.6453 |
| 32.3995139 | 16.1 | 16.316 | 32.5031019 | 16.26 | 19.3545 | 32.6066898 | 16.4 | 6.0983 |
| 32.3996296 | 16.19 | 20.3047 | 32.5032176 | 16.27 | 20.9516 | 32.6068056 | 16.4 | 7.8867 |
| 32.3997454 | 16.14 | 17.8599 | 32.5033333 | 16.28 | 21.1861 | 32.6069213 | 16.41 | 5.5102 |
| 32.3998611 | 16.2 | 20.6719 | 32.5034491 | 16.28 | 21.9851 | 32.607037 | 16.41 | 7.2373 |
| 32.3999769 | 16.16 | 19.0154 | 32.5035648 | 16.28 | 21.6789 | 32.6071528 | 16.41 | 7.4657 |
| 32.4000926 | 16.1 | 15.6804 | 32.5036806 | 16.28 | 21.4486 | 32.6072685 | 16.41 | 7.5356 |
| 32.4002083 | 16.1 | 15.5038 | 32.5037963 | 16.27 | 20.8813 | 32.6073843 | 16.42 | 6.2873 |
| 32.4003241 | 16.1 | 16.1188 | 32.503912 | 16.27 | 20.7555 | 32.6075 | 16.41 | 6.6461 |
| 32.4004398 | 16.1 | 15.6178 | 32.5040278 | 16.27 | 21.3704 | 32.6076157 | 16.42 | 5.9537 |
| 32.4005556 | 16.14 | 19.4627 | 32.5041435 | 16.27 | 20.5262 | 32.6077315 | 16.41 | 6.9345 |
| 32.4006713 | 16.01 | 8.647 | 32.5042593 | 16.26 | 20.0909 | 32.6078472 | 16.42 | 8.1724 |
| 32.400787 | 16.1 | 15.9385 | 32.504375 | 16.26 | 20.2905 | 32.607963 | 16.42 | 5.0278 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4009028 | 16.14 | 18.3342 | 32.5044907 | 16.27 | 20.4266 | 32.6080787 | 16.41 | 5.6877 |
| 32.4010185 | 16.09 | 13.4016 | 32.5046065 | 16.27 | 21.027 | 32.6081944 | 16.42 | 5.5808 |
| 32.4011343 | 16.08 | 11.1107 | 32.5047222 | 16.28 | 21.877 | 32.6083102 | 16.41 | 6.7309 |
| 32.40125 | 16.2 | 20.9996 | 32.504838 | 16.3 | 22.3131 | 32.6084259 | 16.42 | 5.866 |
| 32.4013657 | 16.21 | 21.7488 | 32.5049537 | 16.28 | 21.5983 | 32.6085417 | 16.42 | 4.9171 |
| 32.4014815 | 16.21 | 21.7021 | 32.5050694 | 16.3 | 21.9792 | 32.6086574 | 16.42 | 5.8065 |
| 32.4015972 | 16.1 | 13.1941 | 32.5051852 | 16.28 | 21.8047 | 32.6087732 | 16.41 | 5.177 |
| 32.401713 | 16.05 | 12.569 | 32.5053009 | 16.33 | 24.3514 | 32.6088889 | 16.41 | 5.601 |
| 32.4018287 | 16.19 | 20.2687 | 32.5054167 | 16.33 | 23.7313 | 32.6090046 | 16.42 | 5.5409 |
| 32.4019444 | 16.21 | 20.8112 | 32.5055324 | 16.27 | 20.1296 | 32.6091204 | 16.41 | 5.4224 |
| 32.4020602 | 16.16 | 18.8459 | 32.5056482 | 16.28 | 22.0155 | 32.6092361 | 16.41 | 5.271 |
| 32.4021759 | 16.2 | 20.9178 | 32.5057639 | 16.28 | 20.8964 | 32.6093519 | 16.42 | 6.2944 |
| 32.4022917 | 16.17 | 18.5046 | 32.5058796 | 16.3 | 22.1886 | 32.6094676 | 16.42 | 5.3606 |
| 32.4024074 | 16.2 | 20.5056 | 32.5059954 | 16.3 | 22.854 | 32.6095833 | 16.42 | 5.764 |
| 32.4025232 | 16.21 | 21.602 | 32.5061111 | 16.28 | 21.5352 | 32.6096991 | 16.41 | 6.0294 |
| 32.4026389 | 16.21 | 20.9398 | 32.5062269 | 16.31 | 23.0394 | 32.6098148 | 16.42 | 5.8472 |
| 32.4027546 | 16.26 | 22.5599 | 32.5063426 | 16.3 | 22.8815 | 32.6099306 | 16.42 | 6.7589 |
| 32.4028704 | 16.26 | 23.0458 | 32.5064583 | 16.3 | 22.3366 | 32.6100463 | 16.42 | 6.2458 |
| 32.4029861 | 16.26 | 23.1018 | 32.5065741 | 16.3 | 22.3943 | 32.610162 | 16.42 | 7.7922 |
| 32.4031019 | 16.24 | 22.1497 | 32.5066898 | 16.3 | 22.5027 | 32.6102778 | 16.42 | 6.2114 |
| 32.4032176 | 16.14 | 14.9983 | 32.5068056 | 16.3 | 22.3419 | 32.6103935 | 16.42 | 5.2148 |
| 32.4033333 | 16.19 | 18.8228 | 32.5069213 | 16.23 | 14.7065 | 32.6105093 | 16.44 | 6.2483 |
| 32.4034491 | 16.23 | 20.9725 | 32.507037 | 16.21 | 13.9567 | 32.610625 | 16.42 | 5.729 |
| 32.4035648 | 16.24 | 22.3074 | 32.5071528 | 16.23 | 16.3684 | 32.6107407 | 16.42 | 7.1226 |
| 32.4036806 | 16.26 | 22.7023 | 32.5072685 | 16.23 | 15.9909 | 32.6108565 | 16.42 | 6.5677 |
| 32.4037963 | 16.26 | 22.1618 | 32.5073843 | 16.23 | 15.5685 | 32.6109722 | 16.42 | 6.421 |
| 32.403912 | 16.2 | 19.7498 | 32.5075 | 16.26 | 18.425 | 32.611088 | 16.44 | 5.6137 |
| 32.4040278 | 16.09 | 13.3759 | 32.5076157 | 16.26 | 17.165 | 32.6112037 | 16.42 | 7.4409 |
| 32.4041435 | 16.13 | 16.0043 | 32.5077315 | 16.23 | 15.6757 | 32.6113194 | 16.42 | 4.5983 |
| 32.4042593 | 16.13 | 15.8026 | 32.5078472 | 16.26 | 19.1049 | 32.6114352 | 16.42 | 6.5024 |
| 32.404375 | 16.19 | 19.2587 | 32.507963 | 16.26 | 19.5053 | 32.6115509 | 16.42 | 7.1057 |
| 32.4044907 | 16.14 | 17.4618 | 32.5080787 | 16.26 | 17.9003 | 32.6116667 | 16.42 | 5.9972 |
| 32.4046065 | 16.19 | 19.0307 | 32.5081944 | 16.23 | 16.4471 | 32.6117824 | 16.42 | 7.9189 |
| 32.4047222 | 16.19 | 19.9856 | 32.5083102 | 16.21 | 15.6131 | 32.6118982 | 16.42 | 6.2282 |
| 32.404838 | 16.09 | 11.8842 | 32.5084259 | 16.21 | 14.5838 | 32.6120139 | 16.42 | 6.0458 |
| 32.4049537 | 16.17 | 18.2324 | 32.5085417 | 16.21 | 14.8894 | 32.6121296 | 16.41 | 3.9366 |
| 32.4050694 | 16.02 | 8.8389 | 32.5086574 | 16.24 | 17.5722 | 32.6122454 | 16.44 | 6.2842 |
| 32.4051852 | 16.01 | 9.1119 | 32.5087732 | 16.26 | 20.4166 | 32.6123611 | 16.42 | 8.1507 |
| 32.4053009 | 16.14 | 18.5237 | 32.5088889 | 16.27 | 20.3109 | 32.6124769 | 16.42 | 6.6724 |
| 32.4054167 | 16.13 | 17.2418 | 32.5090046 | 16.28 | 20.822 | 32.6125926 | 16.42 | 6.8485 |
| 32.4055324 | 16.24 | 22.7326 | 32.5091204 | 16.28 | 21.1465 | 32.6127083 | 16.42 | 6.6776 |
| 32.4056482 | 16.23 | 21.2899 | 32.5092361 | 16.28 | 20.9441 | 32.6128241 | 16.42 | 7.3299 |
| 32.4057639 | 16.03 | 8.9808 | 32.5093519 | 16.27 | 20.3301 | 32.6129398 | 16.42 | 6.9101 |
| 32.4058796 | 16.02 | 8.8223 | 32.5094676 | 16.27 | 21.1471 | 32.6130556 | 16.42 | 5.1745 |
| 32.4059954 | 16.19 | 20.1344 | 32.5095833 | 16.3 | 22.0222 | 32.6131713 | 16.42 | 6.3404 |
| 32.4061111 | 16.19 | 20.3132 | 32.5096991 | 16.28 | 21.862 | 32.613287 | 16.42 | 6.6283 |
| 32.4062269 | 16.26 | 22.651 | 32.5098148 | 16.28 | 21.1907 | 32.6134028 | 16.42 | 6.0197 |
| 32.4063426 | 16.06 | 11.1978 | 32.5099306 | 16.28 | 21.0149 | 32.6135185 | 16.42 | 5.7027 |
| 32.4064583 | 16.19 | 19.7768 | 32.5100463 | 16.3 | 21.5535 | 32.6136343 | 16.42 | 5.9273 |
| 32.4065741 | 16.1 | 13.3104 | 32.510162 | 16.28 | 20.8557 | 32.61375 | 16.42 | 7.1781 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4066898 | 16.09 | 13.5139 | 32.5102778 | 16.28 | 21.8895 | 32.6138657 | 16.44 | 5.0063 |
| 32.4068056 | 16.1 | 14.7119 | 32.5103935 | 16.28 | 20.849 | 32.6139815 | 16.42 | 7.0612 |
| 32.4069213 | 16.1 | 13.6835 | 32.5105093 | 16.3 | 20.92 | 32.6140972 | 16.42 | 5.9415 |
| 32.407037 | 16.14 | 18.2124 | 32.510625 | 16.26 | 18.5257 | 32.614213 | 16.41 | 5.1794 |
| 32.4071528 | 16.12 | 15.6291 | 32.5107407 | 16.17 | 8.4069 | 32.6143287 | 16.41 | 7.076 |
| 32.4072685 | 16.09 | 13.0197 | 32.5108565 | 16.14 | 5.7795 | 32.6144444 | 16.41 | 6.2684 |
| 32.4073843 | 16.17 | 20.0676 | 32.5109722 | 16.23 | 17.7748 | 32.6145602 | 16.42 | 6.835 |
| 32.4075 | 16.17 | 18.5011 | 32.511088 | 16.26 | 19.8025 | 32.6146759 | 16.42 | 9.1811 |
| 32.4076157 | 16.12 | 15.0747 | 32.5112037 | 16.26 | 20.2756 | 32.6147917 | 16.42 | 7.1026 |
| 32.4077315 | 16.09 | 14.4985 | 32.5113194 | 16.3 | 22.1808 | 32.6149074 | 16.44 | 8.1867 |
| 32.4078472 | 16.12 | 16.0361 | 32.5114352 | 16.31 | 23.4146 | 32.6150232 | 16.42 | 8.7557 |
| 32.407963 | 16.12 | 17.2658 | 32.5115509 | 16.31 | 23.6188 | 32.6151389 | 16.42 | 7.8828 |
| 32.4080787 | 16.05 | 10.169 | 32.5116667 | 16.26 | 17.4096 | 32.6152546 | 16.42 | 7.0727 |
| 32.4081944 | 16.1 | 16.2196 | 32.5117824 | 16.3 | 22.6473 | 32.6153704 | 16.42 | 7.5274 |
| 32.4083102 | 16.16 | 18.2319 | 32.5118982 | 16.3 | 22.9533 | 32.6154861 | 16.42 | 7.0467 |
| 32.4084259 | 16.14 | 17.485 | 32.5120139 | 16.31 | 23.4842 | 32.6156019 | 16.42 | 7.2681 |
| 32.4085417 | 16.14 | 17.1924 | 32.5121296 | 16.3 | 21.4044 | 32.6157176 | 16.42 | 9.7954 |
| 32.4086574 | 16.13 | 16.4355 | 32.5122454 | 16.3 | 21.2905 | 32.6158333 | 16.42 | 7.2456 |
| 32.4087732 | 16.19 | 19.2303 | 32.5123611 | 16.3 | 21.8886 | 32.6159491 | 16.44 | 7.7146 |
| 32.4088889 | 16.16 | 18.06 | 32.5124769 | 16.3 | 22.0324 | 32.6160648 | 16.42 | 8.0045 |
| 32.4090046 | 16.13 | 16.7746 | 32.5125926 | 16.3 | 22.1937 | 32.6161806 | 16.42 | 7.2876 |
| 32.4091204 | 16.14 | 17.4248 | 32.5127083 | 16.31 | 22.1316 | 32.6162963 | 16.42 | 8.3506 |
| 32.4092361 | 16.14 | 17.1745 | 32.5128241 | 16.28 | 20.6593 | 32.616412 | 16.42 | 8.5224 |
| 32.4093519 | 16.14 | 17.7491 | 32.5129398 | 16.28 | 20.6505 | 32.6165278 | 16.41 | 7.3474 |
| 32.4094676 | 16.2 | 20.1148 | 32.5130556 | 16.28 | 20.9623 | 32.6166435 | 16.42 | 8.6632 |
| 32.4095833 | 16.16 | 17.8703 | 32.5131713 | 16.3 | 21.9969 | 32.6167593 | 16.41 | 7.4974 |
| 32.4096991 | 16.19 | 19.1477 | 32.513287 | 16.27 | 18.075 | 32.616875 | 16.41 | 10.8416 |
| 32.4098148 | 16.19 | 19.5082 | 32.5134028 | 16.2 | 13.9024 | 32.6169907 | 16.41 | 8.9041 |
| 32.4099306 | 16.17 | 18.7998 | 32.5135185 | 16.27 | 19.6082 | 32.6171065 | 16.42 | 7.1157 |
| 32.4100463 | 16.14 | 16.4522 | 32.5136343 | 16.26 | 19.5737 | 32.6172222 | 16.41 | 9.9906 |
| 32.410162 | 16.13 | 16.0653 | 32.51375 | 16.28 | 21.4438 | 32.617338 | 16.41 | 6.7576 |
| 32.4102778 | 16.14 | 16.9017 | 32.5138657 | 16.28 | 20.6593 | 32.6174537 | 16.41 | 7.4396 |
| 32.4103935 | 16.2 | 21.0248 | 32.5139815 | 16.23 | 16.0719 | 32.6175694 | 16.41 | 5.5938 |
| 32.4105093 | 16.28 | 23.6218 | 32.5140972 | 16.26 | 18.1966 | 32.6176852 | 16.41 | 9.4227 |
| 32.410625 | 16.28 | 24.201 | 32.514213 | 16.23 | 16.0413 | 32.6178009 | 16.41 | 6.4011 |
| 32.4107407 | 16.27 | 22.9456 | 32.5143287 | 16.26 | 19.6408 | 32.6179167 | 16.41 | 7.3607 |
| 32.4108565 | 16.24 | 21.8988 | 32.5144444 | 16.2 | 14.0719 | 32.6180324 | 16.42 | 8.0658 |
| 32.4109722 | 16.26 | 21.9507 | 32.5145602 | 16.17 | 12.0046 | 32.6181482 | 16.41 | 6.1543 |
| 32.411088 | 16.19 | 19.1122 | 32.5146759 | 16.2 | 12.9934 | 32.6182639 | 16.41 | 5.9409 |
| 32.4112037 | 16.27 | 23.3947 | 32.5147917 | 16.19 | 12.2406 | 32.6183796 | 16.41 | 6.5395 |
| 32.4113194 | 16.26 | 22.1849 | 32.5149074 | 16.19 | 12.0448 | 32.6184954 | 16.41 | 10.1571 |
| 32.4114352 | 16.21 | 20.116 | 32.5150232 | 16.21 | 16.6487 | 32.6186111 | 16.4 | 11.4062 |
| 32.4115509 | 16.2 | 19.5053 | 32.5151389 | 16.23 | 17.3689 | 32.6187269 | 16.41 | 8.1252 |
| 32.4116667 | 16.24 | 22.6947 | 32.5152546 | 16.24 | 18.7562 | 32.6188426 | 16.41 | 6.1307 |
| 32.4117824 | 16.19 | 19.0141 | 32.5153704 | 16.27 | 20.9084 | 32.6189583 | 16.42 | 4.6521 |
| 32.4118982 | 16.27 | 23.386 | 32.5154861 | 16.27 | 20.5984 | 32.6190741 | 16.41 | 8.0297 |
| 32.4120139 | 16.21 | 20.2967 | 32.5156019 | 16.2 | 12.9357 | 32.6191898 | 16.41 | 5.9701 |
| 32.4121296 | 16.28 | 23.3027 | 32.5157176 | 16.23 | 16.4499 | 32.6193056 | 16.41 | 5.9294 |
| 32.4122454 | 16.23 | 20.9066 | 32.5158333 | 16.23 | 16.5713 | 32.6194213 | 16.41 | 5.5262 |
| 32.4123611 | 16.23 | 20.5598 | 32.5159491 | 16.2 | 13.046 | 32.619537 | 16.4 | 12.207 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4124769 | 16.2 | 19.288 | 32.5160648 | 16.24 | 18.5297 | 32.6196528 | 16.41 | 9.7841 |
| 32.4125926 | 16.2 | 19.82 | 32.5161806 | 16.2 | 15.8088 | 32.6197685 | 16.41 | 8.8727 |
| 32.4127083 | 16.23 | 20.884 | 32.5162963 | 16.26 | 19.1031 | 32.6198843 | 16.41 | 6.3399 |
| 32.4128241 | 16.27 | 23.6572 | 32.516412 | 16.24 | 17.4755 | 32.62 | 16.41 | 7.8374 |
| 32.4129398 | 16.26 | 21.5411 | 32.5165278 | 16.24 | 17.6953 | 32.6201157 | 16.41 | 7.3145 |
| 32.4130556 | 16.14 | 15.9607 | 32.5166435 | 16.21 | 13.6766 | 32.6202315 | 16.42 | 5.1739 |
| 32.4131713 | 16.26 | 23.1835 | 32.5167593 | 16.23 | 16.4777 | 32.6203472 | 16.41 | 7.259 |
| 32.413287 | 16.2 | 18.1935 | 32.516875 | 16.24 | 17.9305 | 32.620463 | 16.41 | 8.8727 |
| 32.4134028 | 16.2 | 19.1729 | 32.5169907 | 16.23 | 17.1733 | 32.6205787 | 16.41 | 7.7203 |
| 32.4135185 | 16.26 | 22.7158 | 32.5171065 | 16.23 | 16.108 | 32.6206944 | 16.41 | 13.384 |
| 32.4136343 | 16.19 | 19.0159 | 32.5172222 | 16.2 | 13.6352 | 32.6208102 | 16.42 | 5.6673 |
| 32.41375 | 16.27 | 23.1129 | 32.517338 | 16.24 | 17.1063 | 32.6209259 | 16.41 | 9.1161 |
| 32.4138657 | 16.26 | 22.8906 | 32.5174537 | 16.24 | 17.8557 | 32.6210417 | 16.42 | 6.1375 |
| 32.4139815 | 16.27 | 23.5398 | 32.5175694 | 16.26 | 19.7884 | 32.6211574 | 16.41 | 8.7431 |
| 32.4140972 | 16.24 | 21.5277 | 32.5176852 | 16.26 | 18.7594 | 32.6212732 | 16.41 | 6.9951 |
| 32.414213 | 16.19 | 18.6726 | 32.5178009 | 16.26 | 18.2269 | 32.6213889 | 16.41 | 12.5294 |
| 32.4143287 | 16.24 | 21.6883 | 32.5179167 | 16.26 | 18.6506 | 32.6215046 | 16.42 | 6.2429 |
| 32.4144444 | 16.2 | 20.1732 | 32.5180324 | 16.24 | 18.3636 | 32.6216204 | 16.41 | 7.1838 |
| 32.4145602 | 16.17 | 17.9129 | 32.5181482 | 16.24 | 18.4135 | 32.6217361 | 16.41 | 7.495 |
| 32.4146759 | 16.23 | 21.0205 | 32.5182639 | 16.26 | 18.3699 | 32.6218519 | 16.41 | 6.9647 |
| 32.4147917 | 16.2 | 20.8007 | 32.5183796 | 16.24 | 18.7311 | 32.6219676 | 16.4 | 4.5961 |
| 32.4149074 | 16.17 | 16.9766 | 32.5184954 | 16.26 | 19.8956 | 32.6220833 | 16.41 | 9.1612 |
| 32.4150232 | 16.24 | 22.0934 | 32.5186111 | 16.24 | 18.326 | 32.6221991 | 16.41 | 7.378 |
| 32.4151389 | 16.26 | 23.323 | 32.5187269 | 16.26 | 18.7791 | 32.6223148 | 16.41 | 6.6733 |
| 32.4152546 | 16.17 | 17.5263 | 32.5188426 | 16.26 | 18.6489 | 32.6224306 | 16.41 | 5.4884 |
| 32.4153704 | 16.21 | 20.638 | 32.5189583 | 16.24 | 18.6369 | 32.6225463 | 16.41 | 5.2241 |
| 32.4154861 | 16.24 | 22.6032 | 32.5190741 | 16.26 | 18.1513 | 32.622662 | 16.41 | 5.4047 |
| 32.4156019 | 16.23 | 21.657 | 32.5191898 | 16.24 | 17.8833 | 32.6227778 | 16.4 | 7.0617 |
| 32.4157176 | 16.24 | 22.4675 | 32.5193056 | 16.27 | 20.1109 | 32.6228935 | 16.41 | 5.5622 |
| 32.4158333 | 16.28 | 23.7371 | 32.5194213 | 16.27 | 20.1046 | 32.6230093 | 16.41 | 6.4119 |
| 32.4159491 | 16.3 | 24.4326 | 32.519537 | 16.28 | 21.3603 | 32.623125 | 16.41 | 5.2685 |
| 32.4160648 | 16.3 | 24.4895 | 32.5196528 | 16.23 | 15.7078 | 32.6232407 | 16.42 | 4.619 |
| 32.4161806 | 16.24 | 21.2776 | 32.5197685 | 16.24 | 17.0189 | 32.6233565 | 16.41 | 7.3168 |
| 32.4162963 | 16.26 | 22.7674 | 32.5198843 | 16.23 | 17.2956 | 32.6234722 | 16.4 | 5.8541 |
| 32.416412 | 16.3 | 24.0629 | 32.52 | 16.28 | 20.9555 | 32.623588 | 16.4 | 7.9195 |
| 32.4165278 | 16.24 | 20.6578 | 32.5201157 | 16.27 | 19.9559 | 32.6237037 | 16.41 | 5.7469 |
| 32.4166435 | 16.21 | 19.7409 | 32.5202315 | 16.26 | 18.656 | 32.6238194 | 16.4 | 8.1489 |
| 32.4167593 | 16.08 | 11.9162 | 32.5203472 | 16.26 | 19.0807 | 32.6239352 | 16.41 | 8.4469 |
| 32.416875 | 16.06 | 11.4923 | 32.520463 | 16.26 | 18.4857 | 32.6240509 | 16.41 | 7.9579 |
| 32.4169907 | 16.14 | 17.152 | 32.5205787 | 16.17 | 7.0737 | 32.6241667 | 16.41 | 5.3676 |
| 32.4171065 | 16.26 | 23.5369 | 32.5206944 | 16.19 | 11.7621 | 32.6242824 | 16.42 | 5.9489 |
| 32.4172222 | 16.26 | 23.5515 | 32.5208102 | 16.24 | 17.1332 | 32.6243982 | 16.41 | 8.5177 |
| 32.417338 | 16.3 | 24.8401 | 32.5209259 | 16.27 | 19.9764 | 32.6245139 | 16.42 | 4.8698 |
| 32.4174537 | 16.3 | 24.5946 | 32.5210417 | 16.28 | 20.7548 | 32.6246296 | 16.41 | 9.6212 |
| 32.4175694 | 16.24 | 21.6345 | 32.5211574 | 16.26 | 18.6241 | 32.6247454 | 16.41 | 7.9661 |
| 32.4176852 | 16.26 | 22.2885 | 32.5212732 | 16.21 | 13.2792 | 32.6248611 | 16.41 | 8.4946 |
| 32.4178009 | 16.08 | 10.0646 | 32.5213889 | 16.24 | 17.9697 | 32.6249769 | 16.41 | 6.1745 |
| 32.4179167 | 16.08 | 11.6079 | 32.5215046 | 16.28 | 21.499 | 32.6250926 | 16.41 | 4.9999 |
| 32.4180324 | 16.09 | 13.9729 | 32.5216204 | 16.3 | 21.9363 | 32.6252083 | 16.42 | 7.326 |
| 32.4181482 | 16.12 | 14.4138 | 32.5217361 | 16.3 | 22.9201 | 32.6253241 | 16.42 | 8.4133 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4182639 | 16.23 | 21.2994 | 32.5218519 | 16.3 | 22.2662 | 32.6254398 | 16.42 | 5.7521 |
| 32.4183796 | 16.19 | 19.421 | 32.5219676 | 16.26 | 18.835 | 32.6255556 | 16.41 | 9.0094 |
| 32.4184954 | 16.12 | 14.0753 | 32.5220833 | 16.2 | 12.1112 | 32.6256713 | 16.42 | 5.1307 |
| 32.4186111 | 16.19 | 19.689 | 32.5221991 | 16.21 | 14.6002 | 32.625787 | 16.42 | 8.5987 |
| 32.4187269 | 16.19 | 19.9426 | 32.5223148 | 16.26 | 18.9993 | 32.6259028 | 16.42 | 5.8854 |
| 32.4188426 | 16.09 | 13.2038 | 32.5224306 | 16.27 | 20.7868 | 32.6260185 | 16.42 | 6.6071 |
| 32.4189583 | 16.24 | 21.7843 | 32.5225463 | 16.28 | 20.5059 | 32.6261343 | 16.42 | 8.9887 |
| 32.4190741 | 16.2 | 19.5677 | 32.522662 | 16.26 | 18.8296 | 32.62625 | 16.44 | 5.5722 |
| 32.4191898 | 16.14 | 17.4804 | 32.5227778 | 16.26 | 18.7504 | 32.6263657 | 16.42 | 7.6611 |
| 32.4193056 | 16.16 | 18.2589 | 32.5228935 | 16.26 | 19.2781 | 32.6264815 | 16.42 | 8.9063 |
| 32.4194213 | 16.12 | 15.4935 | 32.5230093 | 16.27 | 19.3823 | 32.6265972 | 16.41 | 7.3168 |
| 32.419537 | 16.16 | 18.0155 | 32.523125 | 16.28 | 19.5777 | 32.626713 | 16.42 | 6.6628 |
| 32.4196528 | 16.14 | 17.2632 | 32.5232407 | 16.27 | 19.9559 | 32.6268287 | 16.41 | 7.2194 |
| 32.4197685 | 16.26 | 23.4207 | 32.5233565 | 16.27 | 19.4576 | 32.6269444 | 16.42 | 7.3401 |
| 32.4198843 | 16.23 | 20.7205 | 32.5234722 | 16.27 | 19.5238 | 32.6270602 | 16.44 | 5.0798 |
| 32.42 | 16.28 | 24.5526 | 32.523588 | 16.24 | 17.46 | 32.6271759 | 16.42 | 8.036 |
| 32.4201157 | 16.21 | 19.8292 | 32.5237037 | 16.26 | 19.2724 | 32.6272917 | 16.44 | 5.8169 |
| 32.4202315 | 16.06 | 9.5006 | 32.5238194 | 16.27 | 20.1967 | 32.6274074 | 16.42 | 6.4246 |
| 32.4203472 | 16.17 | 19.1554 | 32.5239352 | 16.24 | 17.46 | 32.6275232 | 16.44 | 5.2869 |
| 32.420463 | 16.19 | 19.5355 | 32.5240509 | 16.26 | 18.1095 | 32.6276389 | 16.41 | 8.1485 |
| 32.4205787 | 16.19 | 18.5267 | 32.5241667 | 16.24 | 18.1202 | 32.6277546 | 16.42 | 9.9384 |
| 32.4206944 | 16.2 | 17.8509 | 32.5242824 | 16.2 | 8.2382 | 32.6278704 | 16.44 | 4.8493 |
| 32.4208102 | 16.12 | 14.5084 | 32.5243982 | 16.19 | 6.9489 | 32.6279861 | 16.42 | 8.2134 |
| 32.4209259 | 16.13 | 15.2518 | 32.5245139 | 16.19 | 5.73 | 32.6281019 | 16.42 | 6.1918 |
| 32.4210417 | 16.19 | 21.0668 | 32.5246296 | 16.21 | 14.0057 | 32.6282176 | 16.45 | 3.611 |
| 32.4211574 | 16.08 | 12.7686 | 32.5247454 | 16.26 | 19.3162 | 32.6283333 | 16.44 | 4.7337 |
| 32.4212732 | 16.02 | 9.6328 | 32.5248611 | 16.28 | 20.1917 | 32.6284491 | 16.42 | 7.811 |
| 32.4213889 | 16.05 | 12.7563 | 32.5249769 | 16.26 | 20.0515 | 32.6285648 | 16.44 | 9.0009 |
| 32.4215046 | 16.21 | 22.4315 | 32.5250926 | 16.27 | 20.3965 | 32.6286806 | 16.42 | 9.0414 |
| 32.4216204 | 16.31 | 25.2049 | 32.5252083 | 16.26 | 19.7362 | 32.6287963 | 16.45 | 5.1773 |
| 32.4217361 | 16.27 | 20.7913 | 32.5253241 | 16.28 | 20.728 | 32.628912 | 16.44 | 5.1142 |
| 32.4218519 | 16.03 | 10.5659 | 32.5254398 | 16.27 | 20.296 | 32.6290278 | 16.44 | 9.2574 |
| 32.4219676 | 16.01 | 7.9934 | 32.5255556 | 16.2 | 7.4626 | 32.6291435 | 16.42 | 9.1927 |
| 32.4220833 | 15.98 | 7.1234 | 32.5256713 | 16.19 | 6.3439 | 32.6292593 | 16.44 | 5.323 |
| 32.4221991 | 16.02 | 11.381 | 32.525787 | 16.21 | 14.4551 | 32.629375 | 16.41 | 8.2171 |
| 32.4223148 | 16.01 | 10.5171 | 32.5259028 | 16.2 | 11.4591 | 32.6294907 | 16.42 | 9.9927 |
| 32.4224306 | 15.92 | 5.7189 | 32.5260185 | 16.19 | 11.515 | 32.6296065 | 16.44 | 5.8597 |
| 32.4225463 | 15.85 | 0.4322 | 32.5261343 | 16.2 | 12.0077 | 32.6297222 | 16.42 | 9.7698 |
| 32.422662 | 16.14 | 19.2298 | 32.52625 | 16.23 | 17.5016 | 32.629838 | 16.42 | 7.6539 |
| 32.4227778 | 16.24 | 22.5338 | 32.5263657 | 16.21 | 14.265 | 32.6299537 | 16.42 | 7.7727 |
| 32.4228935 | 16.12 | 15.1905 | 32.5264815 | 16.27 | 21.4204 | 32.6300694 | 16.42 | 6.9388 |
| 32.4230093 | 16.05 | 11.5031 | 32.5265972 | 16.21 | 13.4196 | 32.6301852 | 16.42 | 4.0855 |
| 32.423125 | 16.12 | 15.5922 | 32.526713 | 16.21 | 14.4045 | 32.6303009 | 16.44 | 3.6748 |
| 32.4232407 | 16.06 | 12.3088 | 32.5268287 | 16.21 | 14.5222 | 32.6304167 | 16.42 | 6.5357 |
| 32.4233565 | 16.01 | 9.723 | 32.5269444 | 16.21 | 15.6284 | 32.6305324 | 16.42 | 6.3667 |
| 32.4234722 | 16.02 | 10.9301 | 32.5270602 | 16.2 | 8.1618 | 32.6306482 | 16.42 | 6.9622 |
| 32.423588 | 16.06 | 13.5283 | 32.5271759 | 16.17 | 4.9382 | 32.6307639 | 16.41 | 7.9422 |
| 32.4237037 | 16.05 | 12.1273 | 32.5272917 | 16.19 | 6.1573 | 32.6308796 | 16.42 | 10.1973 |
| 32.4238194 | 16.1 | 14.2087 | 32.5274074 | 16.19 | 7.0663 | 32.6309954 | 16.45 | 5.3285 |
| 32.4239352 | 16.03 | 10.8754 | 32.5275232 | 16.19 | 10.8714 | 32.6311111 | 16.44 | 6.6779 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4240509 | 16.02 | 11.4045 | 32.5276389 | 16.2 | 13.0145 | 32.6312269 | 16.42 | 12.5089 |
| 32.4241667 | 16.01 | 9.1102 | 32.5277546 | 16.19 | 8.8565 | 32.6313426 | 16.42 | 16.084 |
| 32.4242824 | 15.95 | 6.6118 | 32.5278704 | 16.19 | 10.1848 | 32.6314583 | 16.42 | 15.1261 |
| 32.4243982 | 15.98 | 8.9039 | 32.5279861 | 16.21 | 14.6223 | 32.6315741 | 16.42 | 14.7773 |
| 32.4245139 | 16.06 | 12.6836 | 32.5281019 | 16.2 | 13.9446 | 32.6316898 | 16.42 | 13.722 |
| 32.4246296 | 15.96 | 6.5647 | 32.5282176 | 16.2 | 12.1032 | 32.6318056 | 16.42 | 15.3669 |
| 32.4247454 | 15.98 | 8.4007 | 32.5283333 | 16.19 | 11.1432 | 32.6319213 | 16.42 | 15.8865 |
| 32.4248611 | 16.03 | 12.3915 | 32.5284491 | 16.19 | 9.8185 | 32.632037 | 16.42 | 16.0107 |
| 32.4249769 | 16.02 | 11.4507 | 32.5285648 | 16.19 | 11.4296 | 32.6321528 | 16.42 | 13.5294 |
| 32.4250926 | 15.96 | 7.3849 | 32.5286806 | 16.19 | 9.9991 | 32.6322685 | 16.42 | 14.3339 |
| 32.4252083 | 16.13 | 17.6488 | 32.5287963 | 16.17 | 5.0615 | 32.6323843 | 16.42 | 14.6829 |
| 32.4253241 | 16.06 | 12.5463 | 32.528912 | 16.17 | 4.702 | 32.6325 | 16.42 | 15.0677 |
| 32.4254398 | 15.98 | 8.1697 | 32.5290278 | 16.19 | 7.5225 | 32.6326157 | 16.42 | 15.5216 |
| 32.4255556 | 16.03 | 11.3781 | 32.5291435 | 16.17 | 5.23 | 32.6327315 | 16.42 | 15.0023 |
| 32.4256713 | 15.95 | 6.3056 | 32.5292593 | 16.17 | 5.7071 | 32.6328472 | 16.42 | 14.7371 |
| 32.425787 | 15.99 | 8.5021 | 32.529375 | 16.2 | 12.4872 | 32.632963 | 16.42 | 15.0519 |
| 32.4259028 | 15.98 | 9.2392 | 32.5294907 | 16.2 | 9.6215 | 32.6330787 | 16.42 | 13.4172 |
| 32.4260185 | 15.95 | 7.4717 | 32.5296065 | 16.19 | 10.1951 | 32.6331944 | 16.42 | 14.6536 |
| 32.4261343 | 15.98 | 7.953 | 32.5297222 | 16.2 | 13.7985 | 32.6333102 | 16.42 | 13.3261 |
| 32.42625 | 15.96 | 8.5119 | 32.529838 | 16.19 | 5.3988 | 32.6334259 | 16.42 | 13.7199 |
| 32.4263657 | 15.95 | 7.2852 | 32.5299537 | 16.17 | 6.5998 | 32.6335417 | 16.42 | 11.6812 |
| 32.4264815 | 15.96 | 7.1572 | 32.5300694 | 16.17 | 6.3414 | 32.6336574 | 16.42 | 14.2621 |
| 32.4265972 | 16.09 | 15.8679 | 32.5301852 | 16.19 | 8.5669 | 32.6337732 | 16.41 | 15.8289 |
| 32.426713 | 16.09 | 14.0421 | 32.5303009 | 16.19 | 5.5384 | 32.6338889 | 16.42 | 15.2169 |
| 32.4268287 | 15.98 | 7.9481 | 32.5304167 | 16.17 | 4.8539 | 32.6340046 | 16.42 | 15.0434 |
| 32.4269444 | 16.01 | 11.919 | 32.5305324 | 16.17 | 3.9459 | 32.6341204 | 16.41 | 14.0489 |
| 32.4270602 | 16.05 | 12.4099 | 32.5306482 | 16.14 | 0.4935 | 32.6342361 | 16.42 | 14.0431 |
| 32.4271759 | 16.01 | 8.877 | 32.5307639 | 15.96 | 0.5109 | 32.6343519 | 16.42 | 14.8905 |
| 32.4272917 | 16.08 | 14.1683 | 32.5308796 | 15.87 | 0.4991 | 32.6344676 | 16.42 | 13.975 |
| 32.4274074 | 16.05 | 12.5731 | 32.5309954 | 16.16 | 7.3152 | 32.6345833 | 16.41 | 14.1185 |
| 32.4275232 | 16.03 | 10.6115 | 32.5311111 | 16.09 | 0.2382 | 32.6346991 | 16.42 | 13.2632 |
| 32.4276389 | 15.99 | 9.0836 | 32.5312269 | 16.14 | 4.3973 | 32.6348148 | 16.41 | 15.9088 |
| 32.4277546 | 16.09 | 14.0298 | 32.5313426 | 15.98 | 0.2072 | 32.6349306 | 16.41 | 15.1421 |
| 32.4278704 | 16.01 | 9.8728 | 32.5314583 | 16.19 | 8.1848 | 32.6350463 | 16.42 | 16.5393 |
| 32.4279861 | 15.99 | 9.4592 | 32.5315741 | 16.19 | 5.8036 | 32.635162 | 16.41 | 16.6097 |
| 32.4281019 | 15.99 | 9.4104 | 32.5316898 | 16.2 | 7.6506 | 32.6352778 | 16.41 | 16.1782 |
| 32.4282176 | 15.96 | 7.5577 | 32.5318056 | 16.2 | 7.1083 | 32.6353935 | 16.4 | 16.3915 |
| 32.4283333 | 15.92 | 4.91 | 32.5319213 | 16.17 | 0.4659 | 32.6355093 | 16.42 | 16.754 |
| 32.4284491 | 15.99 | 9.4673 | 32.532037 | 16.19 | 4.3633 | 32.635625 | 16.41 | 17.8239 |
| 32.4285648 | 16.08 | 14.7534 | 32.5321528 | 16.23 | 13.6643 | 32.6357407 | 16.42 | 16.861 |
| 32.4286806 | 16.01 | 9.7322 | 32.5322685 | 16.26 | 14.2927 | 32.6358565 | 16.42 | 17.0461 |
| 32.4287963 | 15.99 | 8.2561 | 32.5323843 | 16.24 | 11.3509 | 32.6359722 | 16.41 | 17.0519 |
| 32.428912 | 15.96 | 7.5963 | 32.5325 | 16.24 | 13.9485 | 32.636088 | 16.42 | 16.6781 |
| 32.4290278 | 16.01 | 9.7615 | 32.5326157 | 16.28 | 18.3419 | 32.6362037 | 16.41 | 16.7524 |
| 32.4291435 | 15.99 | 9.0384 | 32.5327315 | 16.28 | 17.7783 | 32.6363194 | 16.42 | 16.9003 |
| 32.4292593 | 15.98 | 8.8907 | 32.5328472 | 16.26 | 14.1205 | 32.6364352 | 16.42 | 17.0047 |
| 32.429375 | 15.98 | 8.7569 | 32.532963 | 16.24 | 12.8695 | 32.6365509 | 16.42 | 16.8377 |
| 32.4294907 | 15.98 | 8.3862 | 32.5330787 | 16.24 | 10.3057 | 32.6366667 | 16.41 | 17.6745 |
| 32.4296065 | 15.98 | 7.8764 | 32.5331944 | 16.24 | 11.6969 | 32.6367824 | 16.42 | 17.2382 |
| 32.4297222 | 15.96 | 7.4985 | 32.5333102 | 16.23 | 10.3017 | 32.6368982 | 16.41 | 17.5669 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.429838 | 15.95 | 6.8602 | 32.5334259 | 16.23 | 8.9133 | 32.6370139 | 16.42 | 17.5202 |
| 32.4299537 | 15.95 | 6.7501 | 32.5335417 | 16.21 | 7.2218 | 32.6371296 | 16.42 | 17.5515 |
| 32.4300694 | 15.94 | 6.2732 | 32.5336574 | 16.21 | 7.0108 | 32.6372454 | 16.41 | 17.2167 |
| 32.4301852 | 15.94 | 5.9004 | 32.5337732 | 16.24 | 14.4247 | 32.6373611 | 16.42 | 17.4733 |
| 32.4303009 | 15.94 | 5.6158 | 32.5338889 | 16.27 | 15.815 | 32.6374769 | 16.42 | 17.3527 |
| 32.4304167 | 15.95 | 6.8934 | 32.5340046 | 16.23 | 7.5534 | 32.6375926 | 16.41 | 17.7835 |
| 32.4305324 | 15.98 | 8.8951 | 32.5341204 | 16.21 | 6.0011 | 32.6377083 | 16.42 | 17.7437 |
| 32.4306482 | 15.98 | 8.9373 | 32.5342361 | 16.21 | 6.6145 | 32.6378241 | 16.42 | 17.6368 |
| 32.4307639 | 15.96 | 7.3873 | 32.5343519 | 16.21 | 6.8511 | 32.6379398 | 16.41 | 17.4933 |
| 32.4308796 | 15.95 | 6.7493 | 32.5344676 | 16.27 | 14.3979 | 32.6380556 | 16.41 | 17.1594 |
| 32.4309954 | 15.94 | 5.8802 | 32.5345833 | 16.27 | 13.713 | 32.6381713 | 16.41 | 17.337 |
| 32.4311111 | 15.92 | 5.5822 | 32.5346991 | 16.27 | 13.4264 | 32.638287 | 16.41 | 17.2683 |
| 32.4312269 | 15.96 | 8.2336 | 32.5348148 | 16.26 | 12.5126 | 32.6384028 | 16.41 | 17.0504 |
| 32.4313426 | 15.98 | 8.853 | 32.5349306 | 16.27 | 14.3143 | 32.6385185 | 16.41 | 17.1055 |
| 32.4314583 | 15.98 | 9.1063 | 32.5350463 | 16.26 | 12.8433 | 32.6386343 | 16.41 | 16.7294 |
| 32.4315741 | 15.99 | 10.0994 | 32.535162 | 16.23 | 9.6616 | 32.63875 | 16.4 | 17.1984 |
| 32.4316898 | 15.99 | 10.0157 | 32.5352778 | 16.24 | 10.5523 | 32.6388657 | 16.4 | 17.5039 |
| 32.4318056 | 15.99 | 9.7673 | 32.5353935 | 16.26 | 11.3452 | 32.6389815 | 16.38 | 15.9339 |
| 32.4319213 | 15.99 | 10.3853 | 32.5355093 | 16.26 | 11.7595 | 32.6390972 | 16.4 | 16.4081 |
| 32.432037 | 15.98 | 7.2266 | 32.535625 | 16.24 | 11.6475 | 32.639213 | 16.38 | 16.6676 |
| 32.4321528 | 15.95 | 7.081 | 32.5357407 | 16.26 | 11.3238 | 32.6393287 | 16.38 | 13.6014 |
| 32.4322685 | 15.95 | 6.9131 | 32.5358565 | 16.26 | 11.3462 | 32.6394444 | 16.38 | 15.2592 |
| 32.4323843 | 15.95 | 7.1947 | 32.5359722 | 16.26 | 11.9507 | 32.6395602 | 16.38 | 16.1808 |
| 32.4325 | 15.95 | 6.5088 | 32.536088 | 16.26 | 11.7456 | 32.6396759 | 16.38 | 16.5053 |
| 32.4326157 | 15.94 | 5.7737 | 32.5362037 | 16.24 | 11.348 | 32.6397917 | 16.38 | 15.6415 |
| 32.4327315 | 15.92 | 5.3355 | 32.5363194 | 16.24 | 10.1843 | 32.6399074 | 16.38 | 16.231 |
| 32.4328472 | 15.92 | 5.2496 | 32.5364352 | 16.24 | 10.0412 | 32.6400232 | 16.37 | 15.3823 |
| 32.432963 | 15.96 | 8.07 | 32.5365509 | 16.26 | 11.0629 | 32.6401389 | 16.38 | 16.7433 |
| 32.4330787 | 15.94 | 5.8674 | 32.5366667 | 16.26 | 12.699 | 32.6402546 | 16.37 | 14.5166 |
| 32.4331944 | 15.92 | 5.4689 | 32.5367824 | 16.26 | 12.2081 | 32.6403704 | 16.38 | 15.6006 |
| 32.4333102 | 15.92 | 5.4041 | 32.5368982 | 16.26 | 11.5136 | 32.6404861 | 16.38 | 15.2382 |
| 32.4334259 | 15.92 | 5.5337 | 32.5370139 | 16.24 | 10.947 | 32.6406019 | 16.37 | 12.62 |
| 32.4335417 | 15.92 | 5.4613 | 32.5371296 | 16.26 | 10.8811 | 32.6407176 | 16.38 | 13.4349 |
| 32.4336574 | 15.92 | 5.4041 | 32.5372454 | 16.24 | 11.2029 | 32.6408333 | 16.4 | 15.4699 |
| 32.4337732 | 15.91 | 4.7588 | 32.5373611 | 16.26 | 11.356 | 32.6409491 | 16.38 | 16.5053 |
| 32.4338889 | 15.91 | 5.0738 | 32.5374769 | 16.26 | 11.1054 | 32.6410648 | 16.38 | 16.8778 |
| 32.4340046 | 15.91 | 5.0263 | 32.5375926 | 16.24 | 11.0259 | 32.6411806 | 16.38 | 16.6052 |
| 32.4341204 | 15.91 | 4.8614 | 32.5377083 | 16.26 | 11.0233 | 32.6412963 | 16.4 | 15.0448 |
| 32.4342361 | 15.91 | 4.8096 | 32.5378241 | 16.26 | 11.087 | 32.641412 | 16.38 | 16.7104 |
| 32.4343519 | 15.89 | 4.5342 | 32.5379398 | 16.26 | 10.9608 | 32.6415278 | 16.38 | 16.9421 |
| 32.4344676 | 15.91 | 4.8154 | 32.5380556 | 16.24 | 10.9038 | 32.6416435 | 16.38 | 16.8501 |
| 32.4345833 | 15.89 | 4.5098 | 32.5381713 | 16.26 | 11.5028 | 32.6417593 | 16.38 | 16.2242 |
| 32.4346991 | 15.88 | 4.6366 | 32.538287 | 16.24 | 11.5558 | 32.641875 | 16.38 | 16.4579 |
| 32.4348148 | 15.89 | 5.3816 | 32.5384028 | 16.24 | 11.1971 | 32.6419907 | 16.4 | 15.7937 |
| 32.4349306 | 15.91 | 5.913 | 32.5385185 | 16.24 | 11.1167 | 32.6421065 | 16.4 | 15.9431 |
| 32.4350463 | 15.91 | 5.5946 | 32.5386343 | 16.24 | 11.1709 | 32.6422222 | 16.4 | 14.4606 |
| 32.435162 | 15.89 | 5.3577 | 32.53875 | 16.26 | 11.2751 | 32.642338 | 16.4 | 16.2161 |
| 32.4352778 | 15.91 | 5.3576 | 32.5388657 | 16.26 | 11.3775 | 32.6424537 | 16.4 | 16.3377 |
| 32.4353935 | 15.89 | 4.6909 | 32.5389815 | 16.26 | 11.2985 | 32.6425694 | 16.4 | 16.4053 |
| 32.4355093 | 15.91 | 4.9947 | 32.5390972 | 16.26 | 11.7238 | 32.6426852 | 16.4 | 16.6125 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.435625 | 15.91 | 5.1691 | 32.539213 | 16.26 | 11.5254 | 32.6428009 | 16.4 | 15.855 |
| 32.4357407 | 15.91 | 5.6298 | 32.5393287 | 16.26 | 11.6476 | 32.6429167 | 16.4 | 15.6402 |
| 32.4358565 | 15.91 | 5.1058 | 32.5394444 | 16.24 | 7.7295 | 32.6430324 | 16.4 | 16.0067 |
| 32.4359722 | 15.91 | 5.2627 | 32.5395602 | 16.26 | 2.1319 | 32.6431482 | 16.41 | 16.4721 |
| 32.436088 | 15.89 | 5.1211 | 32.5396759 | 16.26 | 6.2854 | 32.6432639 | 16.4 | 15.7496 |
| 32.4362037 | 15.91 | 4.2077 | 32.5397917 | 16.24 | 4.955 | 32.6433796 | 16.4 | 16.313 |
| 32.4363194 | 15.91 | 4.9253 | 32.5399074 | 16.26 | 5.5249 | 32.6434954 | 16.4 | 14.9856 |
| 32.4364352 | 15.92 | 6.1186 | 32.5400232 | 16.26 | 5.6898 | 32.6436111 | 16.4 | 16.072 |
| 32.4365509 | 15.94 | 6.2084 | 32.5401389 | 16.27 | 9.6538 | 32.6437269 | 16.4 | 16.2952 |
| 32.4366667 | 15.94 | 5.9547 | 32.5402546 | 16.2 | 0.3859 | 32.6438426 | 16.4 | 16.4511 |
| 32.4367824 | 15.92 | 5.5273 | 32.5403704 | 16.12 | 0.2536 | 32.6439583 | 16.4 | 15.7044 |
| 32.4368982 | 15.91 | 5.1137 | 32.5404861 | 16.05 | 0.2178 | 32.6440741 | 16.4 | 15.8341 |
| 32.4370139 | 15.92 | 5.2194 | 32.5406019 | 16.24 | 8.5915 | 32.6441898 | 16.4 | 16.5842 |
| 32.4371296 | 15.91 | 4.8549 | 32.5407176 | 16.26 | 7.9216 | 32.6443056 | 16.4 | 16.1877 |
| 32.4372454 | 15.92 | 4.8444 | 32.5408333 | 16.17 | 0.2833 | 32.6444213 | 16.4 | 15.9444 |
| 32.4373611 | 15.91 | 4.9047 | 32.5409491 | 16.24 | 0.4511 | 32.644537 | 16.4 | 16.6735 |
| 32.4374769 | 15.91 | 4.775 | 32.5410648 | 16.26 | 7.7386 | 32.6446528 | 16.4 | 16.1836 |
| 32.4375926 | 15.91 | 4.6982 | 32.5411806 | 16.26 | 7.0441 | 32.6447685 | 16.4 | 16.1404 |
| 32.4377083 | 15.89 | 4.5737 | 32.5412963 | 16.27 | 7.4314 | 32.6448843 | 16.4 | 16.016 |
| 32.4378241 | 15.91 | 4.4668 | 32.541412 | 16.27 | 9.1949 | 32.645 | 16.4 | 15.9934 |
| 32.4379398 | 15.89 | 4.5586 | 32.5415278 | 16.31 | 17.4823 | 32.6451157 | 16.4 | 15.992 |
| 32.4380556 | 15.89 | 4.4889 | 32.5416435 | 16.33 | 18.9957 | 32.6452315 | 16.4 | 16.4178 |
| 32.4381713 | 15.89 | 4.6006 | 32.5417593 | 16.28 | 11.5866 | 32.6453472 | 16.4 | 16.5602 |
| 32.438287 | 15.89 | 4.6022 | 32.541875 | 16.31 | 17.0513 | 32.645463 | 16.4 | 16.3034 |
| 32.4384028 | 15.89 | 4.4999 | 32.5419907 | 16.28 | 12.1002 | 32.6455787 | 16.38 | 16.2828 |
| 32.4385185 | 15.89 | 4.3899 | 32.5421065 | 16.28 | 9.9159 | 32.6456944 | 16.4 | 16.6082 |
| 32.4386343 | 15.89 | 4.4619 | 32.5422222 | 16.28 | 11.3513 | 32.6458102 | 16.4 | 16.6564 |
| 32.43875 | 15.89 | 4.7486 | 32.542338 | 16.28 | 10.347 | 32.6459259 | 16.4 | 15.9974 |
| 32.4388657 | 15.92 | 5.2231 | 32.5424537 | 16.28 | 10.9265 | 32.6460417 | 16.38 | 16.0559 |
| 32.4389815 | 15.92 | 5.6899 | 32.5425694 | 16.28 | 11.6142 | 32.6461574 | 16.38 | 15.7471 |
| 32.4390972 | 15.92 | 5.3814 | 32.5426852 | 16.28 | 12.0078 | 32.6462732 | 16.38 | 16.476 |
| 32.439213 | 15.92 | 5.0484 | 32.5428009 | 16.28 | 12.201 | 32.6463889 | 16.4 | 15.8524 |
| 32.4393287 | 15.92 | 4.9655 | 32.5429167 | 16.28 | 12.4082 | 32.6465046 | 16.4 | 17.6614 |
| 32.4394444 | 15.92 | 4.9153 | 32.5430324 | 16.3 | 12.1889 | 32.6466204 | 16.38 | 17.6814 |
| 32.4395602 | 15.92 | 5.4136 | 32.5431482 | 16.3 | 12.064 | 32.6467361 | 16.38 | 17.7726 |
| 32.4396759 | 15.91 | 5.0876 | 32.5432639 | 16.3 | 12.8056 | 32.6468519 | 16.38 | 17.6321 |
| 32.4397917 | 15.92 | 6.2509 | 32.5433796 | 16.3 | 13.2708 | 32.6469676 | 16.38 | 17.5816 |
| 32.4399074 | 15.96 | 8.6968 | 32.5434954 | 16.3 | 13.2027 | 32.6470833 | 16.37 | 17.5923 |
| 32.4400232 | 15.96 | 8.6128 | 32.5436111 | 16.3 | 13.022 | 32.6471991 | 16.37 | 17.5451 |
| 32.4401389 | 15.92 | 5.2465 | 32.5437269 | 16.28 | 12.072 | 32.6473148 | 16.38 | 17.591 |
| 32.4402546 | 15.91 | 4.7853 | 32.5438426 | 16.28 | 12.1536 | 32.6474306 | 16.38 | 17.4394 |
| 32.4403704 | 15.92 | 5.3764 | 32.5439583 | 16.27 | 11.832 | 32.6475463 | 16.37 | 17.4005 |
| 32.4404861 | 15.94 | 6.5301 | 32.5440741 | 16.27 | 10.9513 | 32.647662 | 16.37 | 17.4469 |
| 32.4406019 | 15.95 | 7.0173 | 32.5441898 | 16.27 | 10.8124 | 32.6477778 | 16.37 | 17.2901 |
| 32.4407176 | 15.95 | 6.7478 | 32.5443056 | 16.27 | 10.7905 | 32.6478935 | 16.38 | 17.4162 |
| 32.4408333 | 15.92 | 5.7269 | 32.5444213 | 16.28 | 11.3777 | 32.6480093 | 16.37 | 17.3206 |
| 32.4409491 | 15.94 | 5.7187 | 32.544537 | 16.28 | 12.8161 | 32.648125 | 16.38 | 17.4054 |
| 32.4410648 | 16.03 | 12.867 | 32.5446528 | 16.28 | 11.9038 | 32.6482407 | 16.38 | 17.4147 |
| 32.4411806 | 15.94 | 5.8291 | 32.5447685 | 16.27 | 11.1442 | 32.6483565 | 16.38 | 17.4425 |
| 32.4412963 | 15.94 | 6.1881 | 32.5448843 | 16.28 | 11.2432 | 32.6484722 | 16.37 | 17.3405 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.441412 | 15.94 | 5.6438 | 32.545 | 16.28 | 11.9408 | 32.648588 | 16.35 | 17.0952 |
| 32.4415278 | 15.92 | 5.5163 | 32.5451157 | 16.28 | 14.0014 | 32.6487037 | 16.38 | 17.3423 |
| 32.4416435 | 15.92 | 5.5009 | 32.5452315 | 16.3 | 14.1245 | 32.6488194 | 16.37 | 17.3328 |
| 32.4417593 | 15.92 | 5.476 | 32.5453472 | 16.3 | 14.8322 | 32.6489352 | 16.38 | 17.1722 |
| 32.441875 | 15.98 | 9.4426 | 32.545463 | 16.3 | 14.7954 | 32.6490509 | 16.37 | 17.0332 |
| 32.4419907 | 15.91 | 3.9689 | 32.5455787 | 16.3 | 14.6188 | 32.6491667 | 16.37 | 17.2188 |
| 32.4421065 | 15.91 | 5.5577 | 32.5456944 | 16.3 | 15.2995 | 32.6492824 | 16.37 | 17.145 |
| 32.4422222 | 16.12 | 16.9218 | 32.5458102 | 16.3 | 15.4668 | 32.6493982 | 16.37 | 17.0525 |
| 32.442338 | 16.01 | 8.4679 | 32.5459259 | 16.31 | 15.4945 | 32.6495139 | 16.37 | 16.958 |
| 32.4424537 | 15.94 | 5.0851 | 32.5460417 | 16.3 | 14.9566 | 32.6496296 | 16.37 | 17.0555 |
| 32.4425694 | 15.92 | 4.0112 | 32.5461574 | 16.3 | 14.8727 | 32.6497454 | 16.37 | 17.1825 |
| 32.4426852 | 15.94 | 6.2351 | 32.5462732 | 16.3 | 15.3405 | 32.6498611 | 16.37 | 17.133 |
| 32.4428009 | 15.94 | 5.7644 | 32.5463889 | 16.31 | 15.5122 | 32.6499769 | 16.37 | 17.148 |
| 32.4429167 | 16.17 | 21.0635 | 32.5465046 | 16.31 | 15.1933 | 32.6500926 | 16.35 | 16.8366 |
| 32.4430324 | 16.05 | 11.9853 | 32.5466204 | 16.31 | 15.394 | 32.6502083 | 16.35 | 17.0506 |
| 32.4431482 | 15.98 | 8.1747 | 32.5467361 | 16.3 | 15.4782 | 32.6503241 | 16.35 | 17.1565 |
| 32.4432639 | 15.95 | 6.97 | 32.5468519 | 16.28 | 12.2162 | 32.6504398 | 16.35 | 17.0521 |
| 32.4433796 | 15.95 | 6.8204 | 32.5469676 | 16.3 | 15.0314 | 32.6505556 | 16.35 | 16.9797 |
| 32.4434954 | 15.96 | 7.6981 | 32.5470833 | 16.3 | 13.4983 | 32.6506713 | 16.35 | 17.2926 |
| 32.4436111 | 15.92 | 5.746 | 32.5471991 | 16.28 | 13.5874 | 32.650787 | 16.35 | 16.8366 |
| 32.4437269 | 15.92 | 5.4696 | 32.5473148 | 16.28 | 12.0309 | 32.6509028 | 16.34 | 17.0965 |
| 32.4438426 | 15.92 | 5.4913 | 32.5474306 | 16.28 | 12.2678 | 32.6510185 | 16.35 | 17.1881 |
| 32.4439583 | 16.01 | 10.9791 | 32.5475463 | 16.28 | 13.1446 | 32.6511343 | 16.35 | 18.3975 |
| 32.4440741 | 15.98 | 9.4417 | 32.547662 | 16.28 | 13.2774 | 32.65125 | 16.37 | 18.5117 |
| 32.4441898 | 15.94 | 6.1594 | 32.5477778 | 16.3 | 14.3619 | 32.6513657 | 16.35 | 17.5038 |
| 32.4443056 | 15.94 | 6.3207 | 32.5478935 | 16.3 | 13.9277 | 32.6514815 | 16.35 | 17.6152 |
| 32.4444213 | 15.91 | 5.078 | 32.5480093 | 16.3 | 16.0106 | 32.6515972 | 16.37 | 18.3918 |
| 32.444537 | 15.91 | 4.816 | 32.548125 | 16.3 | 15.5122 | 32.651713 | 16.38 | 18.1138 |
| 32.4446528 | 15.96 | 8.3309 | 32.5482407 | 16.3 | 15.9366 | 32.6518287 | 16.35 | 17.7505 |
| 32.4447685 | 15.92 | 5.2937 | 32.5483565 | 16.3 | 15.075 | 32.6519444 | 16.35 | 17.131 |
| 32.4448843 | 15.95 | 7.9689 | 32.5484722 | 16.3 | 14.6903 | 32.6520602 | 16.35 | 17.7153 |
| 32.445 | 15.94 | 6.874 | 32.548588 | 16.3 | 13.4411 | 32.6521759 | 16.35 | 17.9549 |
| 32.4451157 | 15.94 | 6.9984 | 32.5487037 | 16.31 | 14.6984 | 32.6522917 | 16.35 | 18.3786 |
| 32.4452315 | 15.94 | 7.2004 | 32.5488194 | 16.3 | 14.9002 | 32.6524074 | 16.35 | 17.781 |
| 32.4453472 | 15.89 | 4.9912 | 32.5489352 | 16.3 | 15.3467 | 32.6525232 | 16.37 | 18.2787 |
| 32.445463 | 15.89 | 4.6416 | 32.5490509 | 16.3 | 15.8945 | 32.6526389 | 16.37 | 18.1116 |
| 32.4455787 | 15.94 | 6.7413 | 32.5491667 | 16.31 | 15.9419 | 32.6527546 | 16.37 | 18.2974 |
| 32.4456944 | 15.96 | 9.2501 | 32.5492824 | 16.3 | 15.8579 | 32.6528704 | 16.37 | 18.0966 |
| 32.4458102 | 15.98 | 9.5314 | 32.5493982 | 16.31 | 15.2462 | 32.6529861 | 16.35 | 17.9091 |
| 32.4459259 | 15.95 | 7.2868 | 32.5495139 | 16.3 | 14.7351 | 32.6531019 | 16.35 | 17.8375 |
| 32.4460417 | 15.92 | 5.3143 | 32.5496296 | 16.3 | 14.856 | 32.6532176 | 16.35 | 17.9878 |
| 32.4461574 | 15.92 | 5.2348 | 32.5497454 | 16.31 | 14.9324 | 32.6533333 | 16.38 | 18.8095 |
| 32.4462732 | 15.92 | 4.8941 | 32.5498611 | 16.31 | 15.1175 | 32.6534491 | 16.35 | 18.0457 |
| 32.4463889 | 15.92 | 5.3928 | 32.5499769 | 16.3 | 15.5642 | 32.6535648 | 16.37 | 18.6616 |
| 32.4465046 | 15.92 | 5.6939 | 32.5500926 | 16.3 | 15.6471 | 32.6536806 | 16.37 | 18.5591 |
| 32.4466204 | 15.94 | 6.8589 | 32.5502083 | 16.28 | 13.1298 | 32.6537963 | 16.37 | 18.4507 |
| 32.4467361 | 15.92 | 5.8892 | 32.5503241 | 16.3 | 14.0313 | 32.653912 | 16.37 | 18.3196 |
| 32.4468519 | 15.91 | 5.6115 | 32.5504398 | 16.3 | 13.8933 | 32.6540278 | 16.38 | 19.5153 |
| 32.4469676 | 15.91 | 5.5965 | 32.5505556 | 16.3 | 15.0556 | 32.6541435 | 16.38 | 19.4412 |
| 32.4470833 | 15.92 | 5.4907 | 32.5506713 | 16.3 | 15.492 | 32.6542593 | 16.37 | 18.5661 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4471991 | 15.95 | 7.279 | 32.550787 | 16.3 | 15.6599 | 32.654375 | 16.37 | 18.4507 |
| 32.4473148 | 15.94 | 6.9057 | 32.5509028 | 16.31 | 15.6984 | 32.6544907 | 16.35 | 18.4131 |
| 32.4474306 | 15.92 | 5.7031 | 32.5510185 | 16.31 | 15.4642 | 32.6546065 | 16.34 | 18.6011 |
| 32.4475463 | 15.91 | 4.9501 | 32.5511343 | 16.31 | 15.7797 | 32.6547222 | 16.35 | 18.6638 |
| 32.447662 | 15.91 | 5.1343 | 32.55125 | 16.31 | 16.4587 | 32.654838 | 16.35 | 18.5753 |
| 32.4477778 | 15.92 | 6.3538 | 32.5513657 | 16.31 | 15.7551 | 32.6549537 | 16.35 | 18.7299 |
| 32.4478935 | 15.99 | 10.2602 | 32.5514815 | 16.3 | 14.1538 | 32.6550694 | 16.35 | 18.5753 |
| 32.4480093 | 15.98 | 8.8154 | 32.5515972 | 16.3 | 14.5279 | 32.6551852 | 16.35 | 18.6159 |
| 32.448125 | 15.94 | 6.0217 | 32.551713 | 16.3 | 14.3173 | 32.6553009 | 16.35 | 18.623 |
| 32.4482407 | 15.94 | 6.5519 | 32.5518287 | 16.3 | 14.0515 | 32.6554167 | 16.37 | 18.7421 |
| 32.4483565 | 15.96 | 8.2066 | 32.5519444 | 16.28 | 11.8739 | 32.6555324 | 16.35 | 18.791 |
| 32.4484722 | 15.95 | 6.9685 | 32.5520602 | 16.3 | 13.2154 | 32.6556482 | 16.35 | 18.7191 |
| 32.448588 | 15.92 | 5.8872 | 32.5521759 | 16.3 | 14.4758 | 32.6557639 | 16.35 | 18.7388 |
| 32.4487037 | 15.91 | 5.1185 | 32.5522917 | 16.3 | 15.3716 | 32.6558796 | 16.35 | 18.6425 |
| 32.4488194 | 15.91 | 4.8736 | 32.5524074 | 16.31 | 15.3815 | 32.6559954 | 16.35 | 18.639 |
| 32.4489352 | 15.92 | 5.9325 | 32.5525232 | 16.31 | 12.915 | 32.6561111 | 16.35 | 18.7838 |
| 32.4490509 | 15.91 | 5.1893 | 32.5526389 | 16.31 | 12.065 | 32.6562269 | 16.35 | 18.8562 |
| 32.4491667 | 15.92 | 6.2417 | 32.5527546 | 16.3 | 11.637 | 32.6563426 | 16.35 | 18.8109 |
| 32.4492824 | 15.91 | 5.2819 | 32.5528704 | 16.3 | 10.6948 | 32.6564583 | 16.35 | 18.8653 |
| 32.4493982 | 15.99 | 10.9769 | 32.5529861 | 16.31 | 13.0524 | 32.6565741 | 16.35 | 18.8399 |
| 32.4495139 | 15.94 | 6.0733 | 32.5531019 | 16.31 | 13.2899 | 32.6566898 | 16.35 | 18.9054 |
| 32.4496296 | 15.95 | 6.3213 | 32.5532176 | 16.31 | 11.9838 | 32.6568056 | 16.37 | 19.3264 |
| 32.4497454 | 15.94 | 6.5046 | 32.5533333 | 16.31 | 15.8788 | 32.6569213 | 16.37 | 20.0629 |
| 32.4498611 | 15.95 | 6.5423 | 32.5534491 | 16.31 | 13.496 | 32.657037 | 16.37 | 19.6563 |
| 32.4499769 | 15.96 | 8.0159 | 32.5535648 | 16.33 | 5.0139 | 32.6571528 | 16.35 | 19.1013 |
| 32.4500926 | 15.98 | 8.3216 | 32.5536806 | 16.34 | 16.1 | 32.6572685 | 16.37 | 19.4422 |
| 32.4502083 | 16.03 | 11.7076 | 32.5537963 | 16.34 | 10.3493 | 32.6573843 | 16.35 | 19.2501 |
| 32.4503241 | 15.96 | 7.5321 | 32.553912 | 16.34 | 11.1335 | 32.6575 | 16.34 | 18.9688 |
| 32.4504398 | 15.98 | 8.4059 | 32.5540278 | 16.34 | 6.1601 | 32.6576157 | 16.35 | 18.9054 |
| 32.4505556 | 15.98 | 8.0135 | 32.5541435 | 16.34 | 9.186 | 32.6577315 | 16.34 | 18.9101 |
| 32.4506713 | 15.98 | 8.0551 | 32.5542593 | 16.35 | 12.8427 | 32.6578472 | 16.35 | 18.9844 |
| 32.450787 | 15.96 | 8.1898 | 32.554375 | 16.35 | 6.4768 | 32.657963 | 16.35 | 18.9384 |
| 32.4509028 | 15.96 | 7.7681 | 32.5544907 | 16.35 | 8.4569 | 32.6580787 | 16.35 | 19.025 |
| 32.4510185 | 15.99 | 9.0189 | 32.5546065 | 16.35 | 8.4723 | 32.6581944 | 16.34 | 18.9504 |
| 32.4511343 | 15.96 | 7.8146 | 32.5547222 | 16.35 | 8.4042 | 32.6583102 | 16.34 | 19.0595 |
| 32.45125 | 15.98 | 7.8443 | 32.554838 | 16.35 | 6.2257 | 32.6584259 | 16.34 | 18.9468 |
| 32.4513657 | 15.95 | 6.8489 | 32.5549537 | 16.34 | 10.4282 | 32.6585417 | 16.33 | 19.0679 |
| 32.4514815 | 15.96 | 7.3195 | 32.5550694 | 16.34 | 17.098 | 32.6586574 | 16.33 | 18.862 |
| 32.4515972 | 15.99 | 8.8666 | 32.5551852 | 16.33 | 16.3263 | 32.6587732 | 16.34 | 18.8809 |
| 32.451713 | 15.98 | 8.1546 | 32.5553009 | 16.33 | 13.8962 | 32.6588889 | 16.34 | 19.0168 |
| 32.4518287 | 15.96 | 7.3762 | 32.5554167 | 16.33 | 13.9495 | 32.6590046 | 16.34 | 19.0131 |
| 32.4519444 | 15.96 | 7.7681 | 32.5555324 | 16.33 | 14.8927 | 32.6591204 | 16.35 | 19.4518 |
| 32.4520602 | 15.94 | 6.11 | 32.5556482 | 16.33 | 14.6477 | 32.6592361 | 16.35 | 19.1688 |
| 32.4521759 | 15.94 | 5.4236 | 32.5557639 | 16.33 | 14.9094 | 32.6593519 | 16.35 | 18.9807 |
| 32.4522917 | 15.94 | 5.9228 | 32.5558796 | 16.34 | 12.4529 | 32.6594676 | 16.34 | 18.9358 |
| 32.4524074 | 16.08 | 13.5889 | 32.5559954 | 16.34 | 11.4379 | 32.6595833 | 16.35 | 19.3188 |
| 32.4525232 | 15.98 | 8.2877 | 32.5561111 | 16.34 | 15.1026 | 32.6596991 | 16.37 | 19.9493 |
| 32.4526389 | 16.01 | 10.8184 | 32.5562269 | 16.34 | 11.4496 | 32.6598148 | 16.34 | 19.3504 |
| 32.4527546 | 16.03 | 11.893 | 32.5563426 | 16.33 | 14.6079 | 32.6599306 | 16.34 | 19.0131 |
| 32.4528704 | 16.03 | 11.8471 | 32.5564583 | 16.33 | 12.4785 | 32.6600463 | 16.34 | 19.0002 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4529861 | 16.05 | 12.8961 | 32.5565741 | 16.33 | 13.2141 | 32.660162 | 16.33 | 18.9057 |
| 32.4531019 | 16.19 | 20.6969 | 32.5566898 | 16.34 | 14.7369 | 32.6602778 | 16.34 | 19.1266 |
| 32.4532176 | 16.08 | 12.9651 | 32.5568056 | 16.34 | 13.9917 | 32.6603935 | 16.35 | 19.2501 |
| 32.4533333 | 16.13 | 17.0568 | 32.5569213 | 16.33 | 14.1805 | 32.6605093 | 16.34 | 18.9633 |
| 32.4534491 | 16.06 | 12.8135 | 32.557037 | 16.34 | 13.8861 | 32.660625 | 16.33 | 18.5459 |
| 32.4535648 | 16.03 | 11.5364 | 32.5571528 | 16.34 | 13.8805 | 32.6607407 | 16.33 | 18.5652 |
| 32.4536806 | 16.09 | 15.3401 | 32.5572685 | 16.34 | 14.5379 | 32.6608565 | 16.33 | 18.5231 |
| 32.4537963 | 16.23 | 22.8555 | 32.5573843 | 16.34 | 13.7889 | 32.6609722 | 16.34 | 19.0335 |
| 32.453912 | 16.06 | 11.091 | 32.5575 | 16.34 | 13.3323 | 32.661088 | 16.33 | 18.8004 |
| 32.4540278 | 16.02 | 11.0721 | 32.5576157 | 16.34 | 14.3373 | 32.6612037 | 16.33 | 18.5074 |
| 32.4541435 | 16.09 | 14.6241 | 32.5577315 | 16.34 | 14.7783 | 32.6613194 | 16.34 | 18.7077 |
| 32.4542593 | 15.99 | 8.1007 | 32.5578472 | 16.34 | 14.5112 | 32.6614352 | 16.34 | 18.6881 |
| 32.454375 | 16.03 | 11.6769 | 32.557963 | 16.34 | 14.7346 | 32.6615509 | 16.33 | 18.6963 |
| 32.4544907 | 16.03 | 12.8012 | 32.5580787 | 16.34 | 14.9261 | 32.6616667 | 16.33 | 18.45 |
| 32.4546065 | 16.02 | 9.5309 | 32.5581944 | 16.34 | 14.8246 | 32.6617824 | 16.3 | 18.0798 |
| 32.4547222 | 16.02 | 9.6785 | 32.5583102 | 16.34 | 14.2973 | 32.6618982 | 16.3 | 18.3174 |
| 32.454838 | 16.02 | 10.524 | 32.5584259 | 16.34 | 15.1062 | 32.6620139 | 16.33 | 18.8856 |
| 32.4549537 | 16.03 | 11.2618 | 32.5585417 | 16.34 | 15.014 | 32.6621296 | 16.31 | 18.8677 |
| 32.4550694 | 16.01 | 9.4717 | 32.5586574 | 16.34 | 15.4301 | 32.6622454 | 16.3 | 18.355 |
| 32.4551852 | 15.99 | 9.1566 | 32.5587732 | 16.34 | 15.5145 | 32.6623611 | 16.3 | 18.4015 |
| 32.4553009 | 16.09 | 16.2061 | 32.5588889 | 16.34 | 16.2403 | 32.6624769 | 16.3 | 18.4015 |
| 32.4554167 | 16.17 | 19.9914 | 32.5590046 | 16.34 | 15.777 | 32.6625926 | 16.27 | 18.0023 |
| 32.4555324 | 16.2 | 20.9837 | 32.5591204 | 16.35 | 16.5555 | 32.6627083 | 16.3 | 18.3894 |
| 32.4556482 | 16.08 | 12.9798 | 32.5592361 | 16.34 | 16.0772 | 32.6628241 | 16.31 | 18.6416 |
| 32.4557639 | 16.03 | 11.1003 | 32.5593519 | 16.34 | 15.7408 | 32.6629398 | 16.3 | 18.6498 |
| 32.4558796 | 16.03 | 10.3805 | 32.5594676 | 16.34 | 16.008 | 32.6630556 | 16.31 | 18.5324 |
| 32.4559954 | 16.01 | 9.0844 | 32.5595833 | 16.34 | 16.4423 | 32.6631713 | 16.3 | 18.3929 |
| 32.4561111 | 16.03 | 10.8619 | 32.5596991 | 16.34 | 15.6481 | 32.663287 | 16.3 | 18.3054 |
| 32.4562269 | 16.08 | 13.6838 | 32.5598148 | 16.34 | 15.5881 | 32.6634028 | 16.3 | 18.314 |
| 32.4563426 | 16.1 | 15.7472 | 32.5599306 | 16.35 | 15.9142 | 32.6635185 | 16.3 | 18.7856 |
| 32.4564583 | 16.1 | 16.1926 | 32.5600463 | 16.34 | 16.6076 | 32.6636343 | 16.33 | 19.1784 |
| 32.4565741 | 16.1 | 14.7272 | 32.560162 | 16.34 | 16.9384 | 32.66375 | 16.3 | 18.3929 |
| 32.4566898 | 16.1 | 15.1589 | 32.5602778 | 16.35 | 16.1807 | 32.6638657 | 16.31 | 18.4072 |
| 32.4568056 | 16.13 | 16.4438 | 32.5603935 | 16.34 | 16.7974 | 32.6639815 | 16.31 | 18.7665 |
| 32.4569213 | 16.1 | 15.4009 | 32.5605093 | 16.35 | 18.2707 | 32.6640972 | 16.33 | 19.0178 |
| 32.457037 | 16.05 | 11 | 32.560625 | 16.35 | 18.3185 | 32.664213 | 16.34 | 19.2854 |
| 32.4571528 | 16.05 | 10.8229 | 32.5607407 | 16.35 | 18.6834 | 32.6643287 | 16.34 | 19.2758 |
| 32.4572685 | 16.05 | 12.0497 | 32.5608565 | 16.34 | 17.2802 | 32.6644444 | 16.3 | 18.4205 |
| 32.4573843 | 16.05 | 11.8302 | 32.5609722 | 16.34 | 17.6719 | 32.6645602 | 16.31 | 18.4922 |
| 32.4575 | 16.08 | 12.7904 | 32.561088 | 16.34 | 18.022 | 32.6646759 | 16.31 | 18.7288 |
| 32.4576157 | 16.06 | 12.3894 | 32.5612037 | 16.34 | 18.6383 | 32.6647917 | 16.3 | 18.1165 |
| 32.4577315 | 16.05 | 12.2316 | 32.5613194 | 16.34 | 15.8343 | 32.6649074 | 16.3 | 18.0251 |
| 32.4578472 | 16.06 | 12.3669 | 32.5614352 | 16.34 | 17.0016 | 32.6650232 | 16.28 | 18.0044 |
| 32.457963 | 16.06 | 12.7635 | 32.5615509 | 16.34 | 17.8404 | 32.6651389 | 16.3 | 18.3448 |
| 32.4580787 | 16.09 | 13.8585 | 32.5616667 | 16.35 | 16.9841 | 32.6652546 | 16.31 | 18.6256 |
| 32.4581944 | 16.06 | 13.4904 | 32.5617824 | 16.34 | 17.4801 | 32.6653704 | 16.3 | 18.3482 |
| 32.4583102 | 16.06 | 12.6546 | 32.5618982 | 16.34 | 17.9709 | 32.6654861 | 16.28 | 17.911 |
| 32.4584259 | 16.12 | 15.5858 | 32.5620139 | 16.34 | 18.4958 | 32.6656019 | 16.31 | 18.5044 |
| 32.4585417 | 16.08 | 13.5889 | 32.5621296 | 16.34 | 17.8517 | 32.6657176 | 16.3 | 18.5055 |
| 32.4586574 | 16.1 | 14.9363 | 32.5622454 | 16.34 | 18.0105 | 32.6658333 | 16.3 | 18.3362 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4587732 | 16.09 | 14.56 | 32.5623611 | 16.35 | 18.6266 | 32.6659491 | 16.3 | 18.5282 |
| 32.4588889 | 16.1 | 15.381 | 32.5624769 | 16.34 | 19.1661 | 32.6660648 | 16.3 | 18.929 |
| 32.4590046 | 16.09 | 13.9918 | 32.5625926 | 16.34 | 18.821 | 32.6661806 | 16.3 | 18.7946 |
| 32.4591204 | 16.1 | 14.2563 | 32.5627083 | 16.34 | 17.7823 | 32.6662963 | 16.3 | 18.1399 |
| 32.4592361 | 16.08 | 13.4621 | 32.5628241 | 16.34 | 17.3965 | 32.666412 | 16.3 | 18.0566 |
| 32.4593519 | 16.1 | 15.0568 | 32.5629398 | 16.35 | 17.7827 | 32.6665278 | 16.28 | 18.1875 |
| 32.4594676 | 16.08 | 13.1179 | 32.5630556 | 16.34 | 18.2396 | 32.6666435 | 16.28 | 17.9077 |
| 32.4595833 | 16.08 | 12.9745 | 32.5631713 | 16.34 | 18.89 | 32.6667593 | 16.27 | 17.7426 |
| 32.4596991 | 16.06 | 12.5927 | 32.563287 | 16.35 | 18.5947 | 32.666875 | 16.28 | 18.2924 |
| 32.4598148 | 16.06 | 12.7968 | 32.5634028 | 16.34 | 18.1553 | 32.6669907 | 16.28 | 18.1038 |
| 32.4599306 | 16.1 | 15 | 32.5635185 | 16.34 | 18.2821 | 32.6671065 | 16.3 | 18.436 |
| 32.4600463 | 16.09 | 14.2861 | 32.5636343 | 16.34 | 17.7469 | 32.6672222 | 16.3 | 18.5475 |
| 32.460162 | 16.09 | 14.4085 | 32.56375 | 16.34 | 17.8339 | 32.667338 | 16.31 | 18.9133 |
| 32.4602778 | 16.09 | 14.0131 | 32.5638657 | 16.34 | 18.0535 | 32.6674537 | 16.28 | 17.8395 |
| 32.4603935 | 16.09 | 14.3718 | 32.5639815 | 16.35 | 18.1575 | 32.6675694 | 16.28 | 17.8121 |
| 32.4605093 | 16.1 | 14.5959 | 32.5640972 | 16.35 | 18.3031 | 32.6676852 | 16.28 | 17.9945 |
| 32.460625 | 16.12 | 15.661 | 32.564213 | 16.34 | 18.3419 | 32.6678009 | 16.27 | 17.9694 |
| 32.4607407 | 16.12 | 16.2534 | 32.5643287 | 16.34 | 18.4767 | 32.6679167 | 16.28 | 17.9061 |
| 32.4608565 | 16.13 | 16.1348 | 32.5644444 | 16.35 | 18.0989 | 32.6680324 | 16.27 | 17.757 |
| 32.4609722 | 16.1 | 15.2855 | 32.5645602 | 16.34 | 18.1872 | 32.6681482 | 16.28 | 18.5462 |
| 32.461088 | 16.1 | 14.6169 | 32.5646759 | 16.34 | 18.5238 | 32.6682639 | 16.3 | 18.3448 |
| 32.4612037 | 16.09 | 13.9695 | 32.5647917 | 16.34 | 18.8319 | 32.6683796 | 16.3 | 18.3106 |
| 32.4613194 | 16.1 | 14.0532 | 32.5649074 | 16.35 | 17.9549 | 32.6684954 | 16.3 | 18.355 |
| 32.4614352 | 16.09 | 14.854 | 32.5650232 | 16.35 | 18.4408 | 32.6686111 | 16.3 | 18.1818 |
| 32.4615509 | 16.1 | 15.3139 | 32.5651389 | 16.34 | 17.7293 | 32.6687269 | 16.28 | 18.2297 |
| 32.4616667 | 16.09 | 14.6019 | 32.5652546 | 16.34 | 18.3539 | 32.6688426 | 16.3 | 18.2833 |
| 32.4617824 | 16.09 | 13.9406 | 32.5653704 | 16.34 | 19.0986 | 32.6689583 | 16.27 | 18.241 |
| 32.4618982 | 16.08 | 12.3516 | 32.5654861 | 16.35 | 19.4869 | 32.6690741 | 16.28 | 18.4331 |
| 32.4620139 | 16.06 | 12.256 | 32.5656019 | 16.34 | 19.2151 | 32.6691898 | 16.28 | 18.1556 |
| 32.4621296 | 16.08 | 13.2742 | 32.5657176 | 16.35 | 19.0864 | 32.6693056 | 16.28 | 18.5462 |
| 32.4622454 | 16.09 | 13.2017 | 32.5658333 | 16.34 | 19.121 | 32.6694213 | 16.3 | 18.6942 |
| 32.4623611 | 16.13 | 16.8163 | 32.5659491 | 16.35 | 18.3356 | 32.669537 | 16.28 | 18.3351 |
| 32.4624769 | 16.1 | 15.0483 | 32.5660648 | 16.35 | 18.3202 | 32.6696528 | 16.28 | 18.3077 |
| 32.4625926 | 16.09 | 14.389 | 32.5661806 | 16.34 | 18.6578 | 32.6697685 | 16.28 | 18.5148 |
| 32.4627083 | 16.09 | 14.8077 | 32.5662963 | 16.34 | 18.6578 | 32.6698843 | 16.3 | 18.9693 |
| 32.4628241 | 16.06 | 11.9512 | 32.566412 | 16.35 | 18.6816 | 32.67 | 16.28 | 18.5919 |
| 32.4629398 | 16.05 | 11.2474 | 32.5665278 | 16.35 | 18.5701 | 32.6701157 | 16.3 | 18.8706 |
| 32.4630556 | 16.09 | 14.7722 | 32.5666435 | 16.35 | 19.0901 | 32.6702315 | 16.28 | 18.8238 |
| 32.4631713 | 16.12 | 16.286 | 32.5667593 | 16.34 | 18.7399 | 32.6703472 | 16.28 | 18.8528 |
| 32.463287 | 16.08 | 12.4466 | 32.566875 | 16.34 | 17.9168 | 32.670463 | 16.31 | 19.3036 |
| 32.4634028 | 16.12 | 16.0773 | 32.5669907 | 16.34 | 18.4229 | 32.6705787 | 16.31 | 19.2087 |
| 32.4635185 | 16.14 | 16.6835 | 32.5671065 | 16.34 | 18.3231 | 32.6706944 | 16.34 | 19.685 |
| 32.4636343 | 16.16 | 18.551 | 32.5672222 | 16.34 | 18.8409 | 32.6708102 | 16.34 | 19.7711 |
| 32.46375 | 16.14 | 17.5988 | 32.567338 | 16.34 | 18.1654 | 32.6709259 | 16.33 | 19.4382 |
| 32.4638657 | 16.16 | 18.1547 | 32.5674537 | 16.34 | 18.0651 | 32.6710417 | 16.31 | 19.1653 |
| 32.4639815 | 16.17 | 18.7854 | 32.5675694 | 16.34 | 18.157 | 32.6711574 | 16.3 | 19.2608 |
| 32.4640972 | 16.19 | 19.9385 | 32.5676852 | 16.34 | 18.347 | 32.6712732 | 16.33 | 19.6125 |
| 32.464213 | 16.19 | 18.9572 | 32.5678009 | 16.34 | 18.2821 | 32.6713889 | 16.34 | 19.6492 |
| 32.4643287 | 16.14 | 15.5249 | 32.5679167 | 16.34 | 18.812 | 32.6715046 | 16.33 | 19.6125 |
| 32.4644444 | 16.1 | 14.4153 | 32.5680324 | 16.35 | 19.2482 | 32.6716204 | 16.3 | 19.1927 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4645602 | 16.08 | 13.2935 | 32.5681482 | 16.35 | 19.4674 | 32.6717361 | 16.28 | 19.0619 |
| 32.4646759 | 16.09 | 13.489 | 32.5682639 | 16.35 | 19.3533 | 32.6718519 | 16.31 | 19.6321 |
| 32.4647917 | 16.12 | 14.9949 | 32.5683796 | 16.35 | 19.5436 | 32.6719676 | 16.33 | 19.9343 |
| 32.4649074 | 16.13 | 16.5454 | 32.5684954 | 16.34 | 18.978 | 32.6720833 | 16.34 | 20.024 |
| 32.4650232 | 16.16 | 18.1081 | 32.5686111 | 16.35 | 19.0473 | 32.6721991 | 16.34 | 20.0198 |
| 32.4651389 | 16.16 | 18.6371 | 32.5687269 | 16.35 | 18.8326 | 32.6723148 | 16.33 | 19.7258 |
| 32.4652546 | 16.16 | 18.2623 | 32.5688426 | 16.34 | 18.4038 | 32.6724306 | 16.31 | 19.5415 |
| 32.4653704 | 16.2 | 19.9581 | 32.5689583 | 16.35 | 18.6142 | 32.6725463 | 16.31 | 19.5946 |
| 32.4654861 | 16.13 | 14.8797 | 32.5690741 | 16.34 | 18.1218 | 32.672662 | 16.31 | 19.4576 |
| 32.4656019 | 16.09 | 13.3737 | 32.5691898 | 16.34 | 17.989 | 32.6727778 | 16.3 | 19.2608 |
| 32.4657176 | 16.17 | 19.4888 | 32.5693056 | 16.38 | 3.2942 | 32.6728935 | 16.33 | 20.0829 |
| 32.4658333 | 16.19 | 19.4056 | 32.5694213 | 16.37 | 15.5118 | 32.6730093 | 16.3 | 19.2951 |
| 32.4659491 | 16.16 | 17.297 | 32.569537 | 16.38 | 9.2347 | 32.673125 | 16.28 | 18.9457 |
| 32.4660648 | 16.17 | 18.4924 | 32.5696528 | 16.37 | 0.2879 | 32.6732407 | 16.27 | 18.9139 |
| 32.4661806 | 16.16 | 17.2395 | 32.5697685 | 16.2 | 0.1732 | 32.6733565 | 16.27 | 19.089 |
| 32.4662963 | 16.13 | 16.3297 | 32.5698843 | 16.1 | 0.164 | 32.6734722 | 16.31 | 19.7136 |
| 32.466412 | 16.17 | 18.9611 | 32.57 | 16.02 | 0.1617 | 32.673588 | 16.31 | 19.8606 |
| 32.4665278 | 16.23 | 21.8519 | 32.5701157 | 15.99 | 0.1602 | 32.6737037 | 16.33 | 20.2572 |
| 32.4666435 | 16.24 | 22.323 | 32.5702315 | 16.09 | 0.9422 | 32.6738194 | 16.34 | 20.8946 |
| 32.4667593 | 16.19 | 18.4227 | 32.5703472 | 16.23 | 0.5002 | 32.6739352 | 16.34 | 20.7796 |
| 32.466875 | 16.06 | 10.5068 | 32.570463 | 16.27 | 0.8946 | 32.6740509 | 16.33 | 20.321 |
| 32.4669907 | 15.98 | 3.1592 | 32.5705787 | 16.19 | 0.3042 | 32.6741667 | 16.33 | 20.2678 |
| 32.4671065 | 16.12 | 15.7807 | 32.5706944 | 16.05 | 0.2791 | 32.6742824 | 16.33 | 20.1791 |
| 32.4672222 | 16.17 | 17.4133 | 32.5708102 | 16.3 | 12.9527 | 32.6743982 | 16.31 | 19.9074 |
| 32.467338 | 16.24 | 21.6907 | 32.5709259 | 16.34 | 19.121 | 32.6745139 | 16.28 | 18.9623 |
| 32.4674537 | 16.21 | 20.1598 | 32.5710417 | 16.35 | 20.8014 | 32.6746296 | 16.27 | 18.9596 |
| 32.4675694 | 16.3 | 24.0629 | 32.5711574 | 16.37 | 18.0932 | 32.6747454 | 16.27 | 19.1394 |
| 32.4676852 | 16.24 | 19.9668 | 32.5712732 | 16.35 | 16.1578 | 32.6748611 | 16.3 | 19.5053 |
| 32.4678009 | 16.12 | 14.1057 | 32.5713889 | 16.37 | 20.1527 | 32.6749769 | 16.27 | 18.8285 |
| 32.4679167 | 16.09 | 12.541 | 32.5715046 | 16.35 | 16.9137 | 32.6750926 | 16.26 | 18.3699 |
| 32.4680324 | 16.23 | 20.3868 | 32.5716204 | 16.35 | 16.8236 | 32.6752083 | 16.26 | 18.3015 |
| 32.4681482 | 16.13 | 14.1089 | 32.5717361 | 16.34 | 14.7393 | 32.6753241 | 16.26 | 18.4683 |
| 32.4682639 | 16.06 | 10.5846 | 32.5718519 | 16.35 | 15.0976 | 32.6754398 | 16.26 | 18.5555 |
| 32.4683796 | 16.24 | 22.0197 | 32.5719676 | 16.35 | 15.2743 | 32.6755556 | 16.27 | 18.9102 |
| 32.4684954 | 16.21 | 19.5962 | 32.5720833 | 16.35 | 14.705 | 32.6756713 | 16.27 | 19.0463 |
| 32.4686111 | 16.19 | 15.7016 | 32.5721991 | 16.35 | 14.6345 | 32.675787 | 16.28 | 19.3219 |
| 32.4687269 | 16.17 | 17.6533 | 32.5723148 | 16.34 | 14.8163 | 32.6759028 | 16.27 | 18.7708 |
| 32.4688426 | 16.21 | 20.1015 | 32.5724306 | 16.35 | 15.7007 | 32.6760185 | 16.27 | 18.5772 |
| 32.4689583 | 16.21 | 20.0724 | 32.5725463 | 16.37 | 16.1565 | 32.6761343 | 16.24 | 18.2733 |
| 32.4690741 | 16.24 | 21.6271 | 32.572662 | 16.37 | 17.0037 | 32.67625 | 16.27 | 19.117 |
| 32.4691898 | 16.27 | 22.3953 | 32.5727778 | 16.37 | 16.9551 | 32.6763657 | 16.26 | 18.72 |
| 32.4693056 | 16.28 | 23.4524 | 32.5728935 | 16.35 | 16.2051 | 32.6764815 | 16.27 | 18.5334 |
| 32.4694213 | 16.28 | 23.8626 | 32.5730093 | 16.35 | 15.5753 | 32.6765972 | 16.26 | 18.4267 |
| 32.469537 | 16.26 | 21.3638 | 32.573125 | 16.37 | 16.7561 | 32.676713 | 16.26 | 18.5275 |
| 32.4696528 | 16.24 | 20.7867 | 32.5732407 | 16.37 | 17.819 | 32.6768287 | 16.27 | 19.1939 |
| 32.4697685 | 16.23 | 20.3911 | 32.5733565 | 16.37 | 18.4768 | 32.6769444 | 16.26 | 18.7039 |
| 32.4698843 | 16.26 | 22.2081 | 32.5734722 | 16.35 | 18.1139 | 32.6770602 | 16.26 | 18.4891 |
| 32.47 | 16.27 | 23.3114 | 32.573588 | 16.37 | 18.0284 | 32.6771759 | 16.26 | 18.4267 |
| 32.4701157 | 16.31 | 25.4048 | 32.5737037 | 16.37 | 15.6762 | 32.6772917 | 16.26 | 18.4423 |
| 32.4702315 | 16.31 | 25.786 | 32.5738194 | 16.35 | 17.6485 | 32.6774074 | 16.26 | 18.617 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4703472 | 16.27 | 21.9477 | 32.5739352 | 16.37 | 17.7674 | 32.6775232 | 16.26 | 18.7236 |
| 32.470463 | 16.27 | 22.1075 | 32.5740509 | 16.35 | 17.7361 | 32.6776389 | 16.27 | 18.4654 |
| 32.4705787 | 16.28 | 22.2747 | 32.5741667 | 16.35 | 18.9255 | 32.6777546 | 16.26 | 18.4198 |
| 32.4706944 | 16.24 | 20.2921 | 32.5742824 | 16.37 | 17.9313 | 32.6778704 | 16.28 | 19.088 |
| 32.4708102 | 16.21 | 17.861 | 32.5743982 | 16.37 | 17.4717 | 32.6779861 | 16.27 | 18.7762 |
| 32.4709259 | 16.34 | 26.6984 | 32.5745139 | 16.37 | 17.8725 | 32.6781019 | 16.27 | 18.5491 |
| 32.4710417 | 16.33 | 25.2563 | 32.5746296 | 16.37 | 18.2091 | 32.6782176 | 16.26 | 18.5889 |
| 32.4711574 | 16.27 | 20.9835 | 32.5747454 | 16.37 | 19.3841 | 32.6783333 | 16.27 | 18.8847 |
| 32.4712732 | 16.3 | 23.6336 | 32.5748611 | 16.37 | 19.3245 | 32.6784491 | 16.27 | 18.8123 |
| 32.4713889 | 16.28 | 23.0148 | 32.5749769 | 16.37 | 18.5591 | 32.6785648 | 16.27 | 18.735 |
| 32.4715046 | 16.27 | 21.611 | 32.5750926 | 16.37 | 19.0155 | 32.6786806 | 16.27 | 18.7726 |
| 32.4716204 | 16.27 | 22.231 | 32.5752083 | 16.37 | 18.3008 | 32.6787963 | 16.28 | 19.0453 |
| 32.4717361 | 16.27 | 20.6755 | 32.5753241 | 16.38 | 19.2149 | 32.678912 | 16.28 | 18.988 |
| 32.4718519 | 16.26 | 20.6299 | 32.5754398 | 16.37 | 18.5855 | 32.6790278 | 16.28 | 18.9293 |
| 32.4719676 | 16.23 | 19.1792 | 32.5755556 | 16.37 | 18.9161 | 32.6791435 | 16.3 | 19.1083 |
| 32.4720833 | 16.24 | 20.5634 | 32.5756713 | 16.38 | 18.9794 | 32.6792593 | 16.3 | 19.5601 |
| 32.4721991 | 16.21 | 18.1288 | 32.575787 | 16.37 | 18.449 | 32.679375 | 16.3 | 18.8506 |
| 32.4723148 | 16.21 | 18.3176 | 32.5759028 | 16.38 | 17.9399 | 32.6794907 | 16.28 | 18.8964 |
| 32.4724306 | 16.23 | 19.4036 | 32.5760185 | 16.37 | 18.0599 | 32.6796065 | 16.28 | 18.8202 |
| 32.4725463 | 16.27 | 21.6353 | 32.5761343 | 16.38 | 18.467 | 32.6797222 | 16.28 | 18.9788 |
| 32.472662 | 16.23 | 19.325 | 32.57625 | 16.37 | 18.531 | 32.679838 | 16.28 | 19.1346 |
| 32.4727778 | 16.24 | 19.9894 | 32.5763657 | 16.37 | 18.7206 | 32.6799537 | 16.28 | 19.206 |
| 32.4728935 | 16.13 | 12.1526 | 32.5764815 | 16.37 | 19.0118 | 32.6800694 | 16.28 | 18.8928 |
| 32.4730093 | 16.14 | 13.575 | 32.5765972 | 16.37 | 18.9289 | 32.6801852 | 16.28 | 19.1122 |
| 32.473125 | 16.19 | 16.9622 | 32.576713 | 16.37 | 18.6884 | 32.6803009 | 16.28 | 19.0341 |
| 32.4732407 | 16.24 | 21.2635 | 32.5768287 | 16.37 | 18.9915 | 32.6804167 | 16.28 | 19.1047 |
| 32.4733565 | 16.17 | 16.3366 | 32.5769444 | 16.38 | 19.1376 | 32.6805324 | 16.28 | 18.8166 |
| 32.4734722 | 16.16 | 15.206 | 32.5770602 | 16.37 | 18.9786 | 32.6806482 | 16.26 | 18.617 |
| 32.473588 | 16.17 | 16.8861 | 32.5771759 | 16.38 | 17.1317 | 32.6807639 | 16.26 | 18.4614 |
| 32.4737037 | 16.16 | 15.6365 | 32.5772917 | 16.37 | 17.2581 | 32.6808796 | 16.26 | 18.5977 |
| 32.4738194 | 16.17 | 16.8963 | 32.5774074 | 16.37 | 18.4299 | 32.6809954 | 16.28 | 19.0545 |
| 32.4739352 | 16.17 | 16.4053 | 32.5775232 | 16.38 | 16.4899 | 32.6811111 | 16.28 | 19.0787 |
| 32.4740509 | 16.17 | 16.4343 | 32.5776389 | 16.38 | 18.5668 | 32.6812269 | 16.28 | 19.1328 |
| 32.4741667 | 16.17 | 16.5877 | 32.5777546 | 16.37 | 16.9067 | 32.6813426 | 16.28 | 19.0453 |
| 32.4742824 | 16.17 | 17.3551 | 32.5778704 | 16.37 | 16.5473 | 32.6814583 | 16.28 | 19.0917 |
| 32.4743982 | 16.21 | 19.992 | 32.5779861 | 16.37 | 19.3841 | 32.6815741 | 16.26 | 18.4614 |
| 32.4745139 | 16.23 | 20.0769 | 32.5781019 | 16.37 | 19.118 | 32.6816898 | 16.24 | 18.3705 |
| 32.4746296 | 16.17 | 15.5208 | 32.5782176 | 16.37 | 18.9657 | 32.6818056 | 16.27 | 19.1807 |
| 32.4747454 | 16.16 | 15.662 | 32.5783333 | 16.37 | 17.6937 | 32.6819213 | 16.27 | 18.6797 |
| 32.4748611 | 16.19 | 17.0357 | 32.5784491 | 16.37 | 14.2855 | 32.682037 | 16.27 | 18.6001 |
| 32.4749769 | 16.19 | 17.6035 | 32.5785648 | 16.38 | 17.7101 | 32.6821528 | 16.26 | 18.4839 |
| 32.4750926 | 16.16 | 15.9449 | 32.5786806 | 16.37 | 17.4655 | 32.6822685 | 16.27 | 18.9964 |
| 32.4752083 | 16.14 | 14.9142 | 32.5787963 | 16.37 | 17.3758 | 32.6823843 | 16.26 | 18.7845 |
| 32.4753241 | 16.16 | 16.4995 | 32.578912 | 16.35 | 17.2303 | 32.6825 | 16.26 | 18.47 |
| 32.4754398 | 16.19 | 18.354 | 32.5790278 | 16.33 | 16.5063 | 32.6826157 | 16.24 | 18.2512 |
| 32.4755556 | 16.2 | 19.3184 | 32.5791435 | 16.33 | 16.7915 | 32.6827315 | 16.28 | 19.8897 |
| 32.4756713 | 16.2 | 18.0173 | 32.5792593 | 16.33 | 13.3881 | 32.6828472 | 16.26 | 18.8423 |
| 32.475787 | 16.16 | 15.8793 | 32.579375 | 16.31 | 14.4861 | 32.682963 | 16.24 | 18.3021 |
| 32.4759028 | 16.17 | 17.3811 | 32.5794907 | 16.35 | 18.3906 | 32.6830787 | 16.26 | 18.6135 |
| 32.4760185 | 16.17 | 17.0192 | 32.5796065 | 16.34 | 17.5253 | 32.6831944 | 16.28 | 18.8148 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4761343 | 16.14 | 14.5767 | 32.5797222 | 16.34 | 13.7669 | 32.6833102 | 16.27 | 18.5456 |
| 32.47625 | 16.13 | 14.6422 | 32.579838 | 16.34 | 15.7356 | 32.6834259 | 16.27 | 18.5421 |
| 32.4763657 | 16.13 | 14.4944 | 32.5799537 | 16.34 | 13.1366 | 32.6835417 | 16.27 | 19.1301 |
| 32.4764815 | 16.13 | 14.5791 | 32.5800694 | 16.34 | 15.955 | 32.6836574 | 16.27 | 19.2165 |
| 32.4765972 | 16.13 | 14.2343 | 32.5801852 | 16.34 | 17.2984 | 32.6837732 | 16.26 | 18.5765 |
| 32.476713 | 16.13 | 14.3781 | 32.5803009 | 16.33 | 13.2258 | 32.6838889 | 16.23 | 18.2778 |
| 32.4768287 | 16.13 | 14.4022 | 32.5804167 | 16.33 | 13.028 | 32.6840046 | 16.24 | 18.4602 |
| 32.4769444 | 16.13 | 14.0013 | 32.5805324 | 16.33 | 12.8106 | 32.6841204 | 16.24 | 18.2057 |
| 32.4770602 | 16.13 | 14.4229 | 32.5806482 | 16.34 | 13.296 | 32.6842361 | 16.24 | 18.2276 |
| 32.4771759 | 16.13 | 14.8178 | 32.5807639 | 16.33 | 12.4581 | 32.6843519 | 16.24 | 18.6193 |
| 32.4772917 | 16.13 | 14.4102 | 32.5808796 | 16.35 | 8.295 | 32.6844676 | 16.23 | 18.1481 |
| 32.4774074 | 16.13 | 14.8761 | 32.5809954 | 16.37 | 2.6618 | 32.6845833 | 16.26 | 18.5345 |
| 32.4775232 | 16.13 | 14.6668 | 32.5811111 | 16.34 | 0.2463 | 32.6846991 | 16.26 | 19.517 |
| 32.4776389 | 16.13 | 14.6516 | 32.5812269 | 16.34 | 6.5822 | 32.6848148 | 16.26 | 19.3545 |
| 32.4777546 | 16.13 | 14.648 | 32.5813426 | 16.37 | 11.7957 | 32.6849306 | 16.21 | 18.0789 |
| 32.4778704 | 16.13 | 15.0782 | 32.5814583 | 16.16 | 1.5961 | 32.6850463 | 16.24 | 18.162 |
| 32.4779861 | 16.14 | 16.1267 | 32.5815741 | 16.02 | 1.357 | 32.685162 | 16.23 | 18.2186 |
| 32.4781019 | 16.14 | 16.2861 | 32.5816898 | 15.92 | 1.2896 | 32.6852778 | 16.23 | 18.2439 |
| 32.4782176 | 16.14 | 16.3461 | 32.5818056 | 15.91 | 1.1172 | 32.6853935 | 16.21 | 18.021 |
| 32.4783333 | 16.16 | 16.9238 | 32.5819213 | 15.82 | 1.1355 | 32.6855093 | 16.21 | 17.8383 |
| 32.4784491 | 16.16 | 17.0633 | 32.582037 | 16.06 | 0.9904 | 32.685625 | 16.21 | 18.1054 |
| 32.4785648 | 16.17 | 17.102 | 32.5821528 | 16.14 | 0.4979 | 32.6857407 | 16.24 | 18.9482 |
| 32.4786806 | 16.16 | 15.4529 | 32.5822685 | 16.24 | 2.8777 | 32.6858565 | 16.23 | 18.0881 |
| 32.4787963 | 16.16 | 16.048 | 32.5823843 | 16.35 | 8.7466 | 32.6859722 | 16.23 | 18.5519 |
| 32.478912 | 16.17 | 17.5622 | 32.5825 | 16.4 | 10.208 | 32.686088 | 16.24 | 18.8372 |
| 32.4790278 | 16.16 | 16.1375 | 32.5826157 | 16.44 | 7.8177 | 32.6862037 | 16.26 | 18.8043 |
| 32.4791435 | 16.14 | 14.676 | 32.5827315 | 16.44 | 10.9837 | 32.6863194 | 16.26 | 19.562 |
| 32.4792593 | 16.17 | 16.0267 | 32.5828472 | 16.42 | 19.7962 | 32.6864352 | 16.24 | 18.5525 |
| 32.479375 | 16.17 | 16.1374 | 32.582963 | 16.41 | 17.832 | 32.6865509 | 16.24 | 18.7813 |
| 32.4794907 | 16.17 | 17.0857 | 32.5830787 | 16.42 | 14.2439 | 32.6866667 | 16.23 | 18.6664 |
| 32.4796065 | 16.17 | 17.4859 | 32.5831944 | 16.44 | 11.9322 | 32.6867824 | 16.27 | 19.2487 |
| 32.4797222 | 16.17 | 17.7215 | 32.5833102 | 16.41 | 23.8665 | 32.6868982 | 16.24 | 18.749 |
| 32.479838 | 16.19 | 18.2503 | 32.5834259 | 16.42 | 18.1158 | 32.6870139 | 16.28 | 19.8938 |
| 32.4799537 | 16.2 | 18.5395 | 32.5835417 | 16.44 | 17.5979 | 32.6871296 | 16.27 | 19.7915 |
| 32.4800694 | 16.21 | 20.2776 | 32.5836574 | 16.42 | 14.0813 | 32.6872454 | 16.3 | 20.4415 |
| 32.4801852 | 16.19 | 18.2082 | 32.5837732 | 16.41 | 19.9541 | 32.6873611 | 16.27 | 19.5512 |
| 32.4803009 | 16.19 | 18.0995 | 32.5838889 | 16.41 | 19.2899 | 32.6874769 | 16.27 | 19.6815 |
| 32.4804167 | 16.19 | 18.1847 | 32.5840046 | 16.42 | 15.855 | 32.6875926 | 16.26 | 19.5306 |
| 32.4805324 | 16.19 | 17.9219 | 32.5841204 | 16.42 | 15.9391 | 32.6877083 | 16.26 | 19.3105 |
| 32.4806482 | 16.19 | 17.8602 | 32.5842361 | 16.42 | 17.8943 | 32.6878241 | 16.27 | 19.7513 |
| 32.4807639 | 16.2 | 18.1835 | 32.5843519 | 16.45 | 11.7446 | 32.6879398 | 16.3 | 20.4761 |
| 32.4808796 | 16.19 | 17.9578 | 32.5844676 | 16.44 | 12.297 | 32.6880556 | 16.24 | 19.1481 |
| 32.4809954 | 16.19 | 18.1696 | 32.5845833 | 16.44 | 16.0948 | 32.6881713 | 16.23 | 18.5729 |
| 32.4811111 | 16.2 | 18.3837 | 32.5846991 | 16.44 | 16.8773 | 32.688287 | 16.23 | 18.9712 |
| 32.4812269 | 16.2 | 19.5384 | 32.5848148 | 16.44 | 18.9088 | 32.6884028 | 16.24 | 19.2973 |
| 32.4813426 | 16.2 | 18.7409 | 32.5849306 | 16.44 | 16.977 | 32.6885185 | 16.23 | 19.2168 |
| 32.4814583 | 16.2 | 18.8181 | 32.5850463 | 16.42 | 18.4887 | 32.6886343 | 16.23 | 19.1286 |
| 32.4815741 | 16.2 | 18.3392 | 32.585162 | 16.42 | 21.0036 | 32.68875 | 16.23 | 19.1025 |
| 32.4816898 | 16.21 | 19.4887 | 32.5852778 | 16.42 | 20.8598 | 32.6888657 | 16.23 | 18.5134 |
| 32.4818056 | 16.2 | 19.0075 | 32.5853935 | 16.42 | 19.8327 | 32.6889815 | 16.23 | 18.8076 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4819213 | 16.2 | 19.171 | 32.5855093 | 16.44 | 17.6011 | 32.6890972 | 16.23 | 19.1754 |
| 32.482037 | 16.2 | 18.9451 | 32.585625 | 16.44 | 16.4098 | 32.689213 | 16.27 | 20.2388 |
| 32.4821528 | 16.21 | 19.419 | 32.5857407 | 16.44 | 16.3338 | 32.6893287 | 16.23 | 18.4786 |
| 32.4822685 | 16.21 | 19.5023 | 32.5858565 | 16.44 | 15.481 | 32.6894444 | 16.26 | 19.3143 |
| 32.4823843 | 16.21 | 19.6376 | 32.5859722 | 16.42 | 22.9513 | 32.6895602 | 16.24 | 19.0235 |
| 32.4825 | 16.21 | 20.0683 | 32.586088 | 16.42 | 22.0072 | 32.6896759 | 16.24 | 18.9025 |
| 32.4826157 | 16.23 | 20.1393 | 32.5862037 | 16.44 | 14.9394 | 32.6897917 | 16.23 | 18.0881 |
| 32.4827315 | 16.23 | 20.0046 | 32.5863194 | 16.42 | 19.3311 | 32.6899074 | 16.23 | 18.5449 |
| 32.4828472 | 16.21 | 19.9062 | 32.5864352 | 16.44 | 16.4278 | 32.6900232 | 16.23 | 18.4786 |
| 32.482963 | 16.21 | 19.6554 | 32.5865509 | 16.44 | 14.7511 | 32.6901389 | 16.23 | 18.5799 |
| 32.4830787 | 16.23 | 20.7695 | 32.5866667 | 16.44 | 16.3338 | 32.6902546 | 16.24 | 18.8625 |
| 32.4831944 | 16.23 | 20.562 | 32.5867824 | 16.42 | 16.353 | 32.6903704 | 16.26 | 18.7325 |
| 32.4833102 | 16.23 | 20.3954 | 32.5868982 | 16.42 | 20.1088 | 32.6904861 | 16.24 | 18.5753 |
| 32.4834259 | 16.23 | 20.4061 | 32.5870139 | 16.44 | 15.1431 | 32.6906019 | 16.24 | 18.6263 |
| 32.4835417 | 16.24 | 20.9127 | 32.5871296 | 16.44 | 14.414 | 32.6907176 | 16.26 | 18.9351 |
| 32.4836574 | 16.24 | 21.3342 | 32.5872454 | 16.44 | 12.1506 | 32.6908333 | 16.26 | 19.1087 |
| 32.4837732 | 16.24 | 21.2846 | 32.5873611 | 16.44 | 13.1367 | 32.6909491 | 16.24 | 18.6422 |
| 32.4838889 | 16.24 | 20.8293 | 32.5874769 | 16.44 | 16.6883 | 32.6910648 | 16.21 | 18.2193 |
| 32.4840046 | 16.24 | 21.0865 | 32.5875926 | 16.44 | 17.7204 | 32.6911806 | 16.26 | 19.3029 |
| 32.4841204 | 16.24 | 21.4484 | 32.5877083 | 16.44 | 14.4439 | 32.6912963 | 16.27 | 19.5062 |
| 32.4842361 | 16.26 | 21.546 | 32.5878241 | 16.44 | 14.0406 | 32.691412 | 16.24 | 18.7258 |
| 32.4843519 | 16.23 | 20.4859 | 32.5879398 | 16.44 | 15.0955 | 32.6915278 | 16.24 | 18.9482 |
| 32.4844676 | 16.23 | 20.4362 | 32.5880556 | 16.42 | 18.0143 | 32.6916435 | 16.27 | 19.5571 |
| 32.4845833 | 16.24 | 20.5264 | 32.5881713 | 16.41 | 9.1568 | 32.6917593 | 16.3 | 20.5523 |
| 32.4846991 | 16.24 | 20.8608 | 32.588287 | 16.41 | 12.2728 | 32.691875 | 16.27 | 19.8703 |
| 32.4848148 | 16.23 | 19.5472 | 32.5884028 | 16.41 | 13.0716 | 32.6919907 | 16.27 | 19.5787 |
| 32.4849306 | 16.23 | 19.8861 | 32.5885185 | 16.42 | 12.2788 | 32.6921065 | 16.27 | 19.9929 |
| 32.4850463 | 16.23 | 20.4707 | 32.5886343 | 16.41 | 16.2257 | 32.6922222 | 16.26 | 19.3105 |
| 32.485162 | 16.24 | 20.7287 | 32.58875 | 16.41 | 11.1576 | 32.692338 | 16.23 | 18.6984 |
| 32.4852778 | 16.24 | 21.2635 | 32.5888657 | 16.42 | 15.8067 | 32.6924537 | 16.27 | 19.9826 |
| 32.4853935 | 16.24 | 21.2799 | 32.5889815 | 16.37 | 2.3315 | 32.6925694 | 16.31 | 21.3372 |
| 32.4855093 | 16.24 | 21.2517 | 32.5890972 | 16.42 | 14.3328 | 32.6926852 | 16.3 | 20.7333 |
| 32.485625 | 16.24 | 21.1397 | 32.589213 | 16.41 | 5.3331 | 32.6928009 | 16.27 | 19.4441 |
| 32.4857407 | 16.26 | 21.213 | 32.5893287 | 16.28 | 0.9507 | 32.6929167 | 16.23 | 18.6274 |
| 32.4858565 | 16.24 | 21.2283 | 32.5894444 | 16.27 | 0.4803 | 32.6930324 | 16.26 | 19.4373 |
| 32.4859722 | 16.26 | 21.6456 | 32.5895602 | 16.27 | 0.4987 | 32.6931482 | 16.21 | 18.9167 |
| 32.486088 | 16.26 | 20.9888 | 32.5896759 | 16.35 | 1.0881 | 32.6932639 | 16.21 | 18.2903 |
| 32.4862037 | 16.24 | 21.24 | 32.5897917 | 16.4 | 5.7761 | 32.6933796 | 16.24 | 19.2897 |
| 32.4863194 | 16.26 | 21.4258 | 32.5899074 | 16.41 | 6.8802 | 32.6934954 | 16.27 | 20.0259 |
| 32.4864352 | 16.26 | 21.4665 | 32.5900232 | 16.3 | 1.3805 | 32.6936111 | 16.26 | 19.4199 |
| 32.4865509 | 16.26 | 21.6334 | 32.5901389 | 16.4 | 1.4895 | 32.6937269 | 16.24 | 18.749 |
| 32.4866667 | 16.26 | 21.7044 | 32.5902546 | 16.38 | 8.2199 | 32.6938426 | 16.23 | 18.6151 |
| 32.4867824 | 16.26 | 21.4497 | 32.5903704 | 16.38 | 11.9031 | 32.6939583 | 16.21 | 18.2751 |
| 32.4868982 | 16.24 | 20.5264 | 32.5904861 | 16.38 | 7.9235 | 32.6940741 | 16.2 | 17.9141 |
| 32.4870139 | 16.21 | 18.8098 | 32.5906019 | 16.4 | 9.461 | 32.6941898 | 16.21 | 18.2971 |
| 32.4871296 | 16.19 | 15.1103 | 32.5907176 | 16.38 | 9.3552 | 32.6943056 | 16.24 | 18.749 |
| 32.4872454 | 16.2 | 18.14 | 32.5908333 | 16.4 | 10.3227 | 32.6944213 | 16.26 | 19.3987 |
| 32.4873611 | 16.23 | 19.6733 | 32.5909491 | 16.4 | 9.9581 | 32.694537 | 16.26 | 18.9846 |
| 32.4874769 | 16.23 | 19.1155 | 32.5910648 | 16.41 | 9.3778 | 32.6946528 | 16.28 | 20.2528 |
| 32.4875926 | 16.2 | 17.7449 | 32.5911806 | 16.41 | 7.5892 | 32.6947685 | 16.27 | 19.6795 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4877083 | 16.14 | 7.4483 | 32.5912963 | 16.4 | 5.9947 | 32.6948843 | 16.2 | 18.7677 |
| 32.4878241 | 16.12 | 4.8192 | 32.591412 | 16.4 | 6.3635 | 32.695 | 16.3 | 21.5851 |
| 32.4879398 | 16.13 | 11.6864 | 32.5915278 | 16.41 | 4.7526 | 32.6951157 | 16.33 | 22.804 |
| 32.4880556 | 16.2 | 18.7213 | 32.5916435 | 16.42 | 6.8148 | 32.6952315 | 16.27 | 20.4719 |
| 32.4881713 | 16.21 | 19.9674 | 32.5917593 | 16.42 | 5.8834 | 32.6953472 | 16.28 | 20.257 |
| 32.488287 | 16.21 | 19.1381 | 32.591875 | 16.42 | 5.2592 | 32.695463 | 16.27 | 20.3472 |
| 32.4884028 | 16.21 | 20.4507 | 32.5919907 | 16.41 | 8.0388 | 32.6955787 | 16.26 | 19.7884 |
| 32.4885185 | 16.24 | 21.7202 | 32.5921065 | 16.41 | 7.0714 | 32.6956944 | 16.24 | 19.447 |
| 32.4886343 | 16.21 | 19.6574 | 32.5922222 | 16.41 | 8.1194 | 32.6958102 | 16.28 | 20.7995 |
| 32.48875 | 16.23 | 20.8592 | 32.592338 | 16.41 | 7.5213 | 32.6959259 | 16.31 | 22.0829 |
| 32.4888657 | 16.26 | 21.828 | 32.5924537 | 16.41 | 6.3804 | 32.6960417 | 16.3 | 20.8048 |
| 32.4889815 | 16.27 | 23.1777 | 32.5925694 | 16.41 | 8.7761 | 32.6961574 | 16.26 | 19.5973 |
| 32.4890972 | 16.3 | 23.6719 | 32.5926852 | 16.41 | 6.6424 | 32.6962732 | 16.28 | 20.4215 |
| 32.489213 | 16.31 | 24.598 | 32.5928009 | 16.41 | 8.2322 | 32.6963889 | 16.3 | 20.9747 |
| 32.4893287 | 16.28 | 22.2203 | 32.5929167 | 16.41 | 5.9844 | 32.6965046 | 16.3 | 21.0458 |
| 32.4894444 | 16.28 | 23.3687 | 32.5930324 | 16.41 | 8.2196 | 32.6966204 | 16.27 | 19.9314 |
| 32.4895602 | 16.33 | 25.4057 | 32.5931482 | 16.41 | 7.4522 | 32.6967361 | 16.27 | 20.2388 |
| 32.4896759 | 16.24 | 19.3526 | 32.5932639 | 16.42 | 7.02 | 32.6968519 | 16.28 | 20.8535 |
| 32.4897917 | 16.24 | 19.4567 | 32.5933796 | 16.42 | 5.1818 | 32.6969676 | 16.3 | 20.9314 |
| 32.4899074 | 16.26 | 21.928 | 32.5934954 | 16.41 | 8.4912 | 32.6970833 | 16.27 | 20.0693 |
| 32.4900232 | 16.27 | 22.3298 | 32.5936111 | 16.41 | 9.0173 | 32.6971991 | 16.26 | 19.7964 |
| 32.4901389 | 16.26 | 21.2013 | 32.5937269 | 16.42 | 6.5053 | 32.6973148 | 16.27 | 20.4223 |
| 32.4902546 | 16.23 | 18.108 | 32.5938426 | 16.42 | 6.9003 | 32.6974306 | 16.27 | 20.3067 |
| 32.4903704 | 16.2 | 16.1684 | 32.5939583 | 16.42 | 6.2937 | 32.6975463 | 16.28 | 20.5277 |
| 32.4904861 | 16.17 | 14.0892 | 32.5940741 | 16.42 | 8.0517 | 32.697662 | 16.28 | 20.8422 |
| 32.4906019 | 16.17 | 14.0993 | 32.5941898 | 16.42 | 7.5099 | 32.6977778 | 16.27 | 20.4072 |
| 32.4907176 | 16.16 | 12.3005 | 32.5943056 | 16.42 | 7.0589 | 32.6978935 | 16.26 | 20.093 |
| 32.4908333 | 16.14 | 10.4868 | 32.5944213 | 16.44 | 6.3153 | 32.6980093 | 16.26 | 20.2523 |
| 32.4909491 | 16.17 | 12.5304 | 32.594537 | 16.42 | 6.6614 | 32.698125 | 16.27 | 20.3965 |
| 32.4910648 | 16.19 | 14.7082 | 32.5946528 | 16.42 | 6.2852 | 32.6982407 | 16.27 | 20.3622 |
| 32.4911806 | 16.2 | 15.2893 | 32.5947685 | 16.42 | 6.6115 | 32.6983565 | 16.27 | 20.2918 |
| 32.4912963 | 16.3 | 24.0996 | 32.5948843 | 16.42 | 7.6789 | 32.6984722 | 16.24 | 19.7741 |
| 32.491412 | 16.33 | 24.9198 | 32.595 | 16.42 | 7.0215 | 32.698588 | 16.24 | 20.0657 |
| 32.4915278 | 16.26 | 18.7845 | 32.5951157 | 16.44 | 7.4522 | 32.6987037 | 16.26 | 20.3075 |
| 32.4916435 | 16.23 | 17.7716 | 32.5952315 | 16.44 | 7.3082 | 32.6988194 | 16.24 | 19.8771 |
| 32.4917593 | 16.23 | 17.1002 | 32.5953472 | 16.44 | 7.0562 | 32.6989352 | 16.21 | 19.3595 |
| 32.491875 | 16.2 | 16.1509 | 32.595463 | 16.44 | 6.7348 | 32.6990509 | 16.24 | 19.7062 |
| 32.4919907 | 16.24 | 19.7062 | 32.5955787 | 16.44 | 7.2848 | 32.6991667 | 16.26 | 20.3672 |
| 32.4921065 | 16.24 | 20.0719 | 32.5956944 | 16.44 | 7.136 | 32.6992824 | 16.27 | 21.5721 |
| 32.4922222 | 16.24 | 20.2181 | 32.5958102 | 16.44 | 6.448 | 32.6993982 | 16.33 | 22.5072 |
| 32.492338 | 16.21 | 15.2509 | 32.5959259 | 16.44 | 6.6706 | 32.6995139 | 16.31 | 21.9434 |
| 32.4924537 | 16.2 | 16.3148 | 32.5960417 | 16.44 | 7.7746 | 32.6996296 | 16.3 | 21.3259 |
| 32.4925694 | 16.26 | 22.4167 | 32.5961574 | 16.44 | 7.5292 | 32.6997454 | 16.26 | 19.1892 |
| 32.4926852 | 16.27 | 22.5703 | 32.5962732 | 16.45 | 6.9813 | 32.6998611 | 16.26 | 19.8712 |
| 32.4928009 | 16.28 | 22.0028 | 32.5963889 | 16.45 | 7.1851 | 32.6999769 | 16.23 | 19.0449 |
| 32.4929167 | 16.28 | 22.4901 | 32.5965046 | 16.44 | 7.6565 | | | |

DrEx 110

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 32.3615857 | 15.66 | 4.1331 | 32.4681829 | 16.17 | 23.9207 | 32.5747801 | 16.32 | 24.6438 |
| 32.3617014 | 15.66 | 4.8662 | 32.4682986 | 16.16 | 22.7245 | 32.5748958 | 16.32 | 24.0963 |
| 32.3618171 | 15.65 | 4.25 | 32.4684144 | 16.13 | 21.8141 | 32.5750116 | 16.32 | 23.2621 |
| 32.3619329 | 15.63 | 3.1832 | 32.4685301 | 16.15 | 22.7802 | 32.5751273 | 16.32 | 22.9422 |
| 32.3620486 | 15.63 | 3.3491 | 32.4686458 | 16.16 | 22.8574 | 32.5752431 | 16.32 | 24.3233 |
| 32.3621644 | 15.63 | 3.4754 | 32.4687616 | 16.15 | 22.264 | 32.5753588 | 16.32 | 24.0831 |
| 32.3622801 | 15.65 | 3.5039 | 32.4688773 | 16.16 | 22.8723 | 32.5754745 | 16.32 | 24.0897 |
| 32.3623958 | 15.65 | 3.2022 | 32.4689931 | 16.16 | 22.8574 | 32.5755903 | 16.32 | 23.9909 |
| 32.3625116 | 15.65 | 3.0785 | 32.4691088 | 16.15 | 22.3659 | 32.575706 | 16.3 | 23.4951 |
| 32.3626273 | 15.66 | 3.7973 | 32.4692245 | 16.16 | 23.0582 | 32.5758218 | 16.32 | 23.8377 |
| 32.3627431 | 15.66 | 3.7314 | 32.4693403 | 16.13 | 21.0478 | 32.5759375 | 16.32 | 24.8072 |
| 32.3628588 | 15.65 | 3.277 | 32.469456 | 16.15 | 21.3225 | 32.5760532 | 16.3 | 23.7303 |
| 32.3629745 | 15.65 | 3.1456 | 32.4695718 | 16.15 | 21.9775 | 32.576169 | 16.3 | 23.4073 |
| 32.3630903 | 15.65 | 3.038 | 32.4696875 | 16.15 | 22.0381 | 32.5762847 | 16.3 | 23.3792 |
| 32.363206 | 15.65 | 3.088 | 32.4698032 | 16.16 | 22.8366 | 32.5764005 | 16.32 | 23.6513 |
| 32.3633218 | 15.65 | 3.4152 | 32.469919 | 16.15 | 22.7478 | 32.5765162 | 16.3 | 23.7239 |
| 32.3634375 | 15.66 | 3.5263 | 32.4700347 | 16.16 | 22.6834 | 32.5766319 | 16.32 | 24.8072 |
| 32.3635532 | 15.65 | 3.1356 | 32.4701505 | 16.16 | 22.4145 | 32.5767477 | 16.3 | 23.8496 |
| 32.363669 | 15.65 | 3.02 | 32.4702662 | 16.16 | 22.6047 | 32.5768634 | 16.3 | 23.2922 |
| 32.3637847 | 15.65 | 3.0263 | 32.4703819 | 16.16 | 22.4202 | 32.5769792 | 16.3 | 23.4574 |
| 32.3639005 | 15.65 | 2.9752 | 32.4704977 | 16.16 | 22.5236 | 32.5770949 | 16.3 | 23.7817 |
| 32.3640162 | 15.66 | 3.5894 | 32.4706134 | 16.16 | 22.7981 | 32.5772107 | 16.3 | 23.6344 |
| 32.3641319 | 15.69 | 4.5006 | 32.4707292 | 16.17 | 23.2752 | 32.5773264 | 16.3 | 23.6567 |
| 32.3642477 | 15.65 | 2.5468 | 32.4708449 | 16.16 | 23.0643 | 32.5774421 | 16.32 | 24.2293 |
| 32.3643634 | 15.66 | 3.7217 | 32.4709607 | 16.16 | 23.0371 | 32.5775579 | 16.32 | 23.9516 |
| 32.3644792 | 15.65 | 3.0474 | 32.4710764 | 16.16 | 22.9889 | 32.5776736 | 16.32 | 21.9145 |
| 32.3645949 | 15.65 | 2.5425 | 32.4711921 | 16.16 | 23.4112 | 32.5777894 | 16.32 | 22.7338 |
| 32.3647107 | 15.65 | 3.4096 | 32.4713079 | 16.17 | 23.5526 | 32.5779051 | 16.32 | 23.8604 |
| 32.3648264 | 15.69 | 4.1974 | 32.4714236 | 16.16 | 22.5757 | 32.5780208 | 16.32 | 23.7538 |
| 32.3649421 | 15.69 | 5.0122 | 32.4715394 | 16.15 | 22.2387 | 32.5781366 | 16.32 | 23.5845 |
| 32.3650579 | 15.76 | 9.3789 | 32.4716551 | 16.16 | 22.5236 | 32.5782523 | 16.3 | 23.5392 |
| 32.3651736 | 15.73 | 6.5772 | 32.4717708 | 16.17 | 23.0102 | 32.5783681 | 16.3 | 23.1232 |
| 32.3652894 | 15.69 | 3.6185 | 32.4718866 | 16.15 | 22.5091 | 32.5784838 | 16.32 | 23.2312 |
| 32.3654051 | 15.73 | 6.2537 | 32.4720023 | 16.15 | 22.8424 | 32.5785995 | 16.3 | 23.1385 |
| 32.3655208 | 15.66 | 2.6091 | 32.4721181 | 16.15 | 22.3092 | 32.5787153 | 16.3 | 22.6188 |
| 32.3656366 | 15.66 | 3.5731 | 32.4722338 | 16.16 | 22.4775 | 32.578831 | 16.3 | 22.1948 |
| 32.3657523 | 15.73 | 7.4002 | 32.4723495 | 16.15 | 22.099 | 32.5789468 | 16.32 | 22.1585 |
| 32.3658681 | 15.71 | 4.3464 | 32.4724653 | 16.15 | 22.0685 | 32.5790625 | 16.32 | 22.6866 |
| 32.3659838 | 15.79 | 8.9373 | 32.472581 | 16.16 | 22.6105 | 32.5791782 | 16.32 | 23.9811 |
| 32.3660995 | 15.78 | 8.1936 | 32.4726968 | 16.15 | 22.4316 | 32.579294 | 16.33 | 22.3595 |
| 32.3662153 | 15.8 | 10.3106 | 32.4728125 | 16.16 | 22.9349 | 32.5794097 | 16.32 | 22.9302 |
| 32.366331 | 15.76 | 7.3132 | 32.4729282 | 16.16 | 22.9949 | 32.5795255 | 16.32 | 23.7024 |
| 32.3664468 | 15.75 | 6.6652 | 32.473044 | 16.16 | 22.4403 | 32.5796412 | 16.33 | 25.0659 |
| 32.3665625 | 15.71 | 4.8047 | 32.4731597 | 16.15 | 22.7566 | 32.5797569 | 16.33 | 24.4186 |
| 32.3666782 | 15.73 | 7.0577 | 32.4732755 | 16.17 | 23.3929 | 32.5798727 | 16.33 | 24.9487 |
| 32.366794 | 15.83 | 12.5577 | 32.4733912 | 16.17 | 22.9982 | 32.5799884 | 16.33 | 25.3908 |
| 32.3669097 | 15.86 | 12.7745 | 32.4735069 | 16.15 | 22.4001 | 32.5801042 | 16.33 | 24.24 |
| 32.3670255 | 15.8 | 9.7354 | 32.4736227 | 16.15 | 22.3149 | 32.5802199 | 16.33 | 22.4167 |
| 32.3671412 | 15.8 | 9.2059 | 32.4737384 | 16.15 | 22.2894 | 32.5803357 | 16.33 | 23.9065 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3672569 | 15.83 | 12.5872 | 32.4738542 | 16.16 | 22.663 | 32.5804514 | 16.33 | 23.7639 |
| 32.3673727 | 15.76 | 6.8569 | 32.4739699 | 16.15 | 22.3035 | 32.5805671 | 16.33 | 22.8616 |
| 32.3674884 | 15.71 | 4.9919 | 32.4740857 | 16.16 | 22.3689 | 32.5806829 | 16.33 | 23.2841 |
| 32.3676042 | 15.71 | 5.4438 | 32.4742014 | 16.16 | 22.5121 | 32.5807986 | 16.34 | 20.8209 |
| 32.3677199 | 15.73 | 6.1553 | 32.4743171 | 16.17 | 22.6515 | 32.5809144 | 16.33 | 22.8616 |
| 32.3678357 | 15.76 | 8.3608 | 32.4744329 | 16.16 | 22.7215 | 32.5810301 | 16.33 | 22.0748 |
| 32.3679514 | 15.76 | 8.4819 | 32.4745486 | 16.16 | 22.2725 | 32.5811458 | 16.34 | 21.0787 |
| 32.3680671 | 15.79 | 9.4323 | 32.4746644 | 16.16 | 22.6309 | 32.5812616 | 16.34 | 20.5047 |
| 32.3681829 | 15.78 | 8.736 | 32.4747801 | 16.17 | 23.1496 | 32.5813773 | 16.34 | 20.8482 |
| 32.3682986 | 15.8 | 10.2056 | 32.4748958 | 16.16 | 22.926 | 32.5814931 | 16.33 | 21.5744 |
| 32.3684144 | 15.82 | 11.0235 | 32.4750116 | 16.17 | 23.4646 | 32.5816088 | 16.34 | 21.2654 |
| 32.3685301 | 15.72 | 4.8781 | 32.4751273 | 16.17 | 23.3494 | 32.5817245 | 16.34 | 21.0433 |
| 32.3686458 | 15.79 | 9.247 | 32.4752431 | 16.17 | 23.1009 | 32.5818403 | 16.34 | 20.8432 |
| 32.3687616 | 15.83 | 11.8782 | 32.4753588 | 16.17 | 23.8011 | 32.581956 | 16.33 | 22.5061 |
| 32.3688773 | 15.83 | 11.5853 | 32.4754745 | 16.19 | 23.5597 | 32.5820718 | 16.32 | 23.1974 |
| 32.3689931 | 15.8 | 10.3321 | 32.4755903 | 16.17 | 22.7984 | 32.5821875 | 16.32 | 23.629 |
| 32.3691088 | 15.76 | 7.3155 | 32.475706 | 16.17 | 22.9771 | 32.5823032 | 16.32 | 23.3457 |
| 32.3692245 | 15.71 | 5.1082 | 32.4758218 | 16.19 | 24.3754 | 32.582419 | 16.32 | 23.4834 |
| 32.3693403 | 15.73 | 5.8767 | 32.4759375 | 16.17 | 23.0525 | 32.5825347 | 16.32 | 23.7473 |
| 32.369456 | 15.73 | 6.1017 | 32.4760532 | 16.16 | 22.8723 | 32.5826505 | 16.32 | 23.7056 |
| 32.3695718 | 15.72 | 5.3922 | 32.476169 | 16.16 | 23.1128 | 32.5827662 | 16.32 | 23.2189 |
| 32.3696875 | 15.73 | 6.2984 | 32.4762847 | 16.17 | 23.2138 | 32.5828819 | 16.32 | 22.9242 |
| 32.3698032 | 15.73 | 6.1402 | 32.4764005 | 16.19 | 23.8925 | 32.5829977 | 16.32 | 23.4551 |
| 32.369919 | 15.72 | 5.8529 | 32.4765162 | 16.19 | 23.7763 | 32.5831134 | 16.32 | 23.3116 |
| 32.3700347 | 15.71 | 5.0281 | 32.4766319 | 16.17 | 23.6985 | 32.5832292 | 16.3 | 23.7239 |
| 32.3701505 | 15.69 | 4.2389 | 32.4767477 | 16.17 | 23.0042 | 32.5833449 | 16.32 | 22.3793 |
| 32.3702662 | 15.69 | 4.2247 | 32.4768634 | 16.13 | 20.9727 | 32.5834607 | 16.32 | 23.1698 |
| 32.3703819 | 15.69 | 4.1827 | 32.4769792 | 16.16 | 23.5175 | 32.5835764 | 16.3 | 23.2922 |
| 32.3704977 | 15.68 | 3.9085 | 32.4770949 | 16.19 | 24.6239 | 32.5836921 | 16.32 | 23.1698 |
| 32.3706134 | 15.69 | 4.1477 | 32.4772107 | 16.2 | 24.4471 | 32.5838079 | 16.3 | 23.6854 |
| 32.3707292 | 15.69 | 3.7301 | 32.4773264 | 16.19 | 24.0033 | 32.5839236 | 16.3 | 23.8658 |
| 32.3708449 | 15.68 | 3.1478 | 32.4774421 | 16.12 | 20.1727 | 32.5840394 | 16.3 | 24.0029 |
| 32.3709607 | 15.69 | 4.2616 | 32.4775579 | 16.2 | 25.7289 | 32.5841551 | 16.32 | 23.7409 |
| 32.3710764 | 15.71 | 4.8578 | 32.4776736 | 16.19 | 23.886 | 32.5842708 | 16.3 | 23.574 |
| 32.3711921 | 15.69 | 3.9377 | 32.4777894 | 16.2 | 24.1256 | 32.5843866 | 16.3 | 23.1171 |
| 32.3713079 | 15.71 | 4.9571 | 32.4779051 | 16.19 | 24.0197 | 32.5845023 | 16.3 | 22.8459 |
| 32.3714236 | 15.71 | 5.1172 | 32.4780208 | 16.22 | 25.3658 | 32.5846181 | 16.3 | 22.069 |
| 32.3715394 | 15.73 | 5.6649 | 32.4781366 | 16.19 | 24.335 | 32.5847338 | 16.3 | 23.1293 |
| 32.3716551 | 15.76 | 7.8525 | 32.4782523 | 16.22 | 25.2354 | 32.5848495 | 16.3 | 21.8462 |
| 32.3717708 | 15.82 | 10.552 | 32.4783681 | 16.22 | 25.304 | 32.5849653 | 16.29 | 21.8816 |
| 32.3718866 | 15.8 | 8.9281 | 32.4784838 | 16.22 | 24.7819 | 32.585081 | 16.3 | 21.8027 |
| 32.3720023 | 15.78 | 7.5777 | 32.4785995 | 16.17 | 23.999 | 32.5851968 | 16.32 | 21.1222 |
| 32.3721181 | 15.73 | 6.6025 | 32.4787153 | 16.17 | 23.6412 | 32.5853125 | 16.32 | 21.9365 |
| 32.3722338 | 15.76 | 7.4165 | 32.478831 | 16.2 | 24.8187 | 32.5854282 | 16.32 | 21.8707 |
| 32.3723495 | 15.76 | 7.5791 | 32.4789468 | 16.2 | 24.3626 | 32.585544 | 16.32 | 21.92 |
| 32.3724653 | 15.76 | 7.7343 | 32.4790625 | 16.15 | 22.219 | 32.5856597 | 16.32 | 21.9833 |
| 32.372581 | 15.75 | 6.8586 | 32.4791782 | 16.17 | 23.4646 | 32.5857755 | 16.32 | 22.9032 |
| 32.3726968 | 15.76 | 7.531 | 32.479294 | 16.22 | 25.3913 | 32.5858912 | 16.3 | 21.9942 |
| 32.3728125 | 15.78 | 9.2581 | 32.4794097 | 16.17 | 23.6762 | 32.5860069 | 16.32 | 22.4223 |
| 32.3729282 | 15.78 | 7.8898 | 32.4795255 | 16.19 | 23.9315 | 32.5861227 | 16.3 | 22.7127 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.373044 | 15.79 | 8.9018 | 32.4796412 | 16.17 | 23.1587 | 32.5862384 | 16.3 | 21.2685 |
| 32.3731597 | 15.78 | 7.8195 | 32.4797569 | 16.19 | 24.278 | 32.5863542 | 16.3 | 20.8269 |
| 32.3732755 | 15.73 | 5.2927 | 32.4798727 | 16.2 | 24.5355 | 32.5864699 | 16.3 | 21.0516 |
| 32.3733912 | 15.73 | 6.3942 | 32.4799884 | 16.17 | 23.8915 | 32.5865857 | 16.3 | 20.9087 |
| 32.3735069 | 15.72 | 4.9818 | 32.4801042 | 16.19 | 23.886 | 32.5867014 | 16.32 | 23.3302 |
| 32.3736227 | 15.72 | 5.0578 | 32.4802199 | 16.17 | 23.8785 | 32.5868171 | 16.3 | 20.6676 |
| 32.3737384 | 15.82 | 8.5088 | 32.4803357 | 16.22 | 25.7235 | 32.5869329 | 16.3 | 20.9686 |
| 32.3738542 | 15.78 | 7.067 | 32.4804514 | 16.19 | 24.1085 | 32.5870486 | 16.3 | 20.7066 |
| 32.3739699 | 15.79 | 7.9511 | 32.4805671 | 16.15 | 22.1491 | 32.5871644 | 16.3 | 20.5973 |
| 32.3740857 | 15.79 | 8.4376 | 32.4806829 | 16.16 | 23.0855 | 32.5872801 | 16.3 | 21.2145 |
| 32.3742014 | 15.82 | 10.4711 | 32.4807986 | 16.19 | 24.3048 | 32.5873958 | 16.3 | 20.3259 |
| 32.3743171 | 15.76 | 6.1239 | 32.4809144 | 16.17 | 23.963 | 32.5875116 | 16.3 | 21.4113 |
| 32.3744329 | 15.82 | 9.7387 | 32.4810301 | 16.16 | 22.926 | 32.5876273 | 16.32 | 22.9452 |
| 32.3745486 | 15.92 | 15.9842 | 32.4811458 | 16.17 | 22.9083 | 32.5877431 | 16.3 | 20.7924 |
| 32.3746644 | 16 | 19.9737 | 32.4812616 | 16.17 | 23.8075 | 32.5878588 | 16.3 | 21.2273 |
| 32.3747801 | 15.95 | 15.0591 | 32.4813773 | 16.19 | 24.023 | 32.5879745 | 16.3 | 19.8581 |
| 32.3748958 | 15.86 | 12.4883 | 32.4814931 | 16.17 | 23.6985 | 32.5880903 | 16.3 | 20.0914 |
| 32.3750116 | 15.85 | 11.2366 | 32.4816088 | 16.19 | 24.1482 | 32.588206 | 16.3 | 20.4559 |
| 32.3751273 | 15.88 | 11.1114 | 32.4817245 | 16.19 | 24.2713 | 32.5883218 | 16.32 | 20.2479 |
| 32.3752431 | 15.8 | 6.7879 | 32.4818403 | 16.19 | 24.2246 | 32.5884375 | 16.32 | 20.0814 |
| 32.3753588 | 15.96 | 18.1186 | 32.481956 | 16.17 | 23.3991 | 32.5885532 | 16.32 | 20.0471 |
| 32.3754745 | 15.96 | 17.43 | 32.4820718 | 16.19 | 23.7667 | 32.588669 | 16.32 | 20.297 |
| 32.3755903 | 15.9 | 13.1247 | 32.4821875 | 16.19 | 24.288 | 32.5887847 | 16.32 | 20.2665 |
| 32.375706 | 15.97 | 17.6667 | 32.4823032 | 16.19 | 24.5076 | 32.5889005 | 16.3 | 21.1251 |
| 32.3758218 | 15.95 | 15.4024 | 32.482419 | 16.17 | 22.7718 | 32.5890162 | 16.32 | 22.561 |
| 32.3759375 | 15.92 | 14.0546 | 32.4825347 | 16.17 | 23.8397 | 32.5891319 | 16.3 | 22.342 |
| 32.3760532 | 15.92 | 15.0248 | 32.4826505 | 16.17 | 23.9142 | 32.5892477 | 16.3 | 21.3436 |
| 32.376169 | 15.96 | 16.9701 | 32.4827662 | 16.17 | 23.2999 | 32.5893634 | 16.3 | 21.3644 |
| 32.3762847 | 15.97 | 17.2342 | 32.4828819 | 16.17 | 24.1272 | 32.5894792 | 16.32 | 21.2347 |
| 32.3764005 | 16 | 18.1797 | 32.4829977 | 16.23 | 26.4453 | 32.5895949 | 16.3 | 22.5055 |
| 32.3765162 | 15.97 | 17.2775 | 32.4831134 | 16.22 | 25.142 | 32.5897107 | 16.3 | 22.342 |
| 32.3766319 | 15.99 | 17.6578 | 32.4832292 | 16.22 | 25.2715 | 32.5898264 | 16.3 | 21.0466 |
| 32.3767477 | 15.93 | 15.1073 | 32.4833449 | 16.19 | 23.4529 | 32.5899421 | 16.3 | 20.864 |
| 32.3768634 | 15.96 | 16.9138 | 32.4834607 | 16.19 | 23.1472 | 32.5900579 | 16.3 | 21.0315 |
| 32.3769792 | 15.99 | 18.3921 | 32.4835764 | 16.17 | 23.1496 | 32.5901736 | 16.3 | 21.0415 |
| 32.3770949 | 16.02 | 19.1525 | 32.4836921 | 16.17 | 23.8624 | 32.5902894 | 16.3 | 21.1889 |
| 32.3772107 | 16.03 | 20.1905 | 32.4838079 | 16.17 | 23.8172 | 32.5904051 | 16.29 | 21.3619 |
| 32.3773264 | 16.05 | 20.7288 | 32.4839236 | 16.17 | 23.2475 | 32.5905208 | 16.29 | 21.2867 |
| 32.3774421 | 16.03 | 19.6103 | 32.4840394 | 16.19 | 24.983 | 32.5906366 | 16.29 | 21.5853 |
| 32.3775579 | 15.97 | 17.4223 | 32.4841551 | 16.22 | 25.4938 | 32.5907523 | 16.29 | 21.3152 |
| 32.3776736 | 16.03 | 19.7302 | 32.4842708 | 16.23 | 26.4926 | 32.5908681 | 16.29 | 21.9062 |
| 32.3777894 | 16.03 | 19.8827 | 32.4843866 | 16.19 | 24.0887 | 32.5909838 | 16.29 | 21.6146 |
| 32.3779051 | 16.1 | 22.8591 | 32.4845023 | 16.22 | 25.1922 | 32.5910995 | 16.29 | 22.2822 |
| 32.3780208 | 16.12 | 23.4346 | 32.4846181 | 16.19 | 23.0409 | 32.5912153 | 16.29 | 21.9859 |
| 32.3781366 | 16.03 | 20.3412 | 32.4847338 | 16.19 | 24.0099 | 32.591331 | 16.29 | 21.5561 |
| 32.3782523 | 16.09 | 22.1433 | 32.4848495 | 16.19 | 24.1714 | 32.5914468 | 16.29 | 21.3255 |
| 32.3783681 | 15.99 | 19.1587 | 32.4849653 | 16.19 | 24.2646 | 32.5915625 | 16.29 | 21.9942 |
| 32.3784838 | 16.12 | 23.9832 | 32.485081 | 16.22 | 25.5121 | 32.5916782 | 16.29 | 21.9062 |
| 32.3785995 | 16.09 | 21.912 | 32.4851968 | 16.2 | 24.9873 | 32.591794 | 16.29 | 21.4849 |
| 32.3787153 | 16.13 | 23.6109 | 32.4853125 | 16.22 | 25.3658 | 32.5919097 | 16.3 | 22.1387 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.378831 | 16.1 | 22.4912 | 32.4854282 | 16.22 | 25.9153 | 32.5920255 | 16.32 | 23.0357 |
| 32.3789468 | 15.95 | 15.2545 | 32.485544 | 16.22 | 25.373 | 32.5921412 | 16.32 | 22.6544 |
| 32.3790625 | 15.97 | 16.643 | 32.4856597 | 16.2 | 24.8536 | 32.5922569 | 16.3 | 21.5614 |
| 32.3791782 | 15.97 | 19.3452 | 32.4857755 | 16.22 | 25.185 | 32.5923727 | 16.3 | 20.9912 |
| 32.379294 | 16.09 | 22.9094 | 32.4858912 | 16.19 | 23.8375 | 32.5924884 | 16.3 | 22.2342 |
| 32.3794097 | 16.12 | 23.6263 | 32.4860069 | 16.2 | 25.0689 | 32.5926042 | 16.3 | 21.1684 |
| 32.3795255 | 16 | 16.696 | 32.4861227 | 16.2 | 25.0547 | 32.5927199 | 16.29 | 20.1771 |
| 32.3796412 | 15.88 | 10.6079 | 32.4862384 | 16.22 | 25.5379 | 32.5928357 | 16.3 | 21.148 |
| 32.3797569 | 15.93 | 17.594 | 32.4863542 | 16.22 | 25.3549 | 32.5929514 | 16.3 | 22.3619 |
| 32.3798727 | 15.97 | 16.3496 | 32.4864699 | 16.23 | 25.8522 | 32.5930671 | 16.3 | 21.0264 |
| 32.3799884 | 15.97 | 18.0282 | 32.4865857 | 16.22 | 25.1922 | 32.5931829 | 16.32 | 20.2642 |
| 32.3801042 | 15.96 | 13.8328 | 32.4867014 | 16.2 | 24.5595 | 32.5932986 | 16.32 | 20.706 |
| 32.3802199 | 16 | 18.3535 | 32.4868171 | 16.2 | 24.481 | 32.5934144 | 16.3 | 21.38 |
| 32.3803357 | 15.8 | 5.9561 | 32.4869329 | 16.22 | 25.2282 | 32.5935301 | 16.32 | 20.038 |
| 32.3804514 | 16.03 | 20.8517 | 32.4870486 | 16.22 | 25.0067 | 32.5936458 | 16.32 | 20.1689 |
| 32.3805671 | 15.88 | 10.6467 | 32.4871644 | 16.16 | 21.6502 | 32.5937616 | 16.32 | 20.5943 |
| 32.3806829 | 15.82 | 8.1936 | 32.4872801 | 16.12 | 18.3645 | 32.5938773 | 16.34 | 20.6713 |
| 32.3807986 | 16.02 | 19.514 | 32.4873958 | 16.16 | 21.8139 | 32.5939931 | 16.33 | 20.4264 |
| 32.3809144 | 16.02 | 21.5118 | 32.4875116 | 16.17 | 22.7071 | 32.5941088 | 16.32 | 20.8809 |
| 32.3810301 | 15.95 | 14.892 | 32.4876273 | 16.26 | 27.4973 | 32.5942245 | 16.32 | 22.4223 |
| 32.3811458 | 15.96 | 14.0488 | 32.4877431 | 16.24 | 26.372 | 32.5943403 | 16.32 | 23.8962 |
| 32.3812616 | 15.89 | 11.8432 | 32.4878588 | 16.24 | 26.4781 | 32.594456 | 16.3 | 23.8723 |
| 32.3813773 | 15.86 | 10.2394 | 32.4879745 | 16.22 | 26.0333 | 32.5945718 | 16.32 | 21.4451 |
| 32.3814931 | 15.96 | 18.2592 | 32.4880903 | 16.22 | 24.0476 | 32.5946875 | 16.3 | 20.0754 |
| 32.3816088 | 16.02 | 20.1612 | 32.488206 | 16.23 | 25.043 | 32.5948032 | 16.3 | 19.8201 |
| 32.3817245 | 16.05 | 21.2192 | 32.4883218 | 16.19 | 23.2175 | 32.594919 | 16.3 | 19.2407 |
| 32.3818403 | 16.07 | 21.6006 | 32.4884375 | 16.23 | 26.088 | 32.5950347 | 16.3 | 20.0525 |
| 32.381956 | 15.86 | 9.8378 | 32.4885532 | 16.29 | 28.3491 | 32.5951505 | 16.3 | 19.1634 |
| 32.3820718 | 15.86 | 10.6767 | 32.488669 | 16.26 | 26.2925 | 32.5952662 | 16.3 | 20.5276 |
| 32.3821875 | 15.99 | 18.6515 | 32.4887847 | 16.22 | 24.5575 | 32.5953819 | 16.3 | 19.5151 |
| 32.3823032 | 15.86 | 10.1015 | 32.4889005 | 16.23 | 25.0004 | 32.5954977 | 16.3 | 18.8106 |
| 32.382419 | 15.9 | 13.5625 | 32.4890162 | 16.23 | 25.2291 | 32.5956134 | 16.3 | 18.731 |
| 32.3825347 | 15.95 | 16.2072 | 32.4891319 | 16.19 | 23.3594 | 32.5957292 | 16.3 | 19.3652 |
| 32.3826505 | 15.99 | 17.9055 | 32.4892477 | 16.19 | 23.3377 | 32.5958449 | 16.3 | 18.9132 |
| 32.3827662 | 15.92 | 16.0304 | 32.4893634 | 16.2 | 23.6076 | 32.5959607 | 16.3 | 19.6565 |
| 32.3828819 | 16.05 | 21.4721 | 32.4894792 | 16.19 | 23.4092 | 32.5960764 | 16.3 | 19.5628 |
| 32.3829977 | 16.07 | 22.1906 | 32.4895949 | 16.19 | 22.7427 | 32.5961921 | 16.3 | 19.513 |
| 32.3831134 | 16.07 | 21.707 | 32.4897107 | 16.19 | 23.6262 | 32.5963079 | 16.3 | 20.7432 |
| 32.3832292 | 15.96 | 15.5928 | 32.4898264 | 16.22 | 24.6055 | 32.5964236 | 16.3 | 19.9164 |
| 32.3833449 | 16.05 | 21.1912 | 32.4899421 | 16.19 | 23.1319 | 32.5965394 | 16.3 | 20.0366 |
| 32.3834607 | 16 | 17.2545 | 32.4900579 | 16.16 | 21.2067 | 32.5966551 | 16.3 | 19.5801 |
| 32.3835764 | 16.02 | 19.6304 | 32.4901736 | 16.16 | 22.0408 | 32.5967708 | 16.3 | 23.1385 |
| 32.3836921 | 15.89 | 12.2601 | 32.4902894 | 16.16 | 21.4313 | 32.5968866 | 16.32 | 19.808 |
| 32.3838079 | 15.92 | 13.5206 | 32.4904051 | 16.19 | 24.0558 | 32.5970023 | 16.3 | 20.4226 |
| 32.3839236 | 15.96 | 18.5589 | 32.4905208 | 16.17 | 22.7394 | 32.5971181 | 16.3 | 21.6519 |
| 32.3840394 | 15.95 | 17.0326 | 32.4906366 | 16.12 | 17.2012 | 32.5972338 | 16.3 | 20.4797 |
| 32.3841551 | 15.99 | 17.8198 | 32.4907523 | 16.15 | 20.6528 | 32.5973495 | 16.3 | 19.6565 |
| 32.3842708 | 15.95 | 14.5609 | 32.4908681 | 16.22 | 25.2715 | 32.5974653 | 16.3 | 21.7405 |
| 32.3843866 | 15.99 | 17.351 | 32.4909838 | 16.2 | 23.6807 | 32.597581 | 16.29 | 19.7672 |
| 32.3845023 | 15.93 | 14.9872 | 32.4910995 | 16.2 | 24.376 | 32.5976968 | 16.3 | 19.7557 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3846181 | 15.93 | 15.406 | 32.4912153 | 16.2 | 23.5507 | 32.5978125 | 16.29 | 22.0856 |
| 32.3847338 | 15.93 | 14.6682 | 32.491331 | 16.2 | 24.0959 | 32.5979282 | 16.29 | 20.7656 |
| 32.3848495 | 15.96 | 15.5116 | 32.4914468 | 16.2 | 23.6584 | 32.598044 | 16.3 | 20.1075 |
| 32.3849653 | 15.92 | 13.9554 | 32.4915625 | 16.2 | 23.6457 | 32.5981597 | 16.27 | 21.6494 |
| 32.385081 | 15.92 | 14.157 | 32.4916782 | 16.2 | 24.3121 | 32.5982755 | 16.29 | 20.5447 |
| 32.3851968 | 15.92 | 14.1654 | 32.491794 | 16.23 | 25.4105 | 32.5983912 | 16.29 | 21.5138 |
| 32.3853125 | 15.95 | 16.4182 | 32.4919097 | 16.24 | 25.9935 | 32.5985069 | 16.27 | 21.838 |
| 32.3854282 | 15.96 | 17.6397 | 32.4920255 | 16.23 | 25.981 | 32.5986227 | 16.27 | 20.6758 |
| 32.385544 | 15.96 | 16.6456 | 32.4921412 | 16.23 | 25.6723 | 32.5987384 | 16.29 | 20.5784 |
| 32.3856597 | 15.92 | 14.6305 | 32.4922569 | 16.23 | 25.807 | 32.5988542 | 16.27 | 20.6176 |
| 32.3857755 | 15.96 | 15.4883 | 32.4923727 | 16.22 | 25.0493 | 32.5989699 | 16.27 | 20.8375 |
| 32.3858912 | 15.93 | 14.3551 | 32.4924884 | 16.22 | 24.6847 | 32.5990857 | 16.29 | 24.2074 |
| 32.3860069 | 15.92 | 14.6832 | 32.4926042 | 16.19 | 22.8492 | 32.5992014 | 16.29 | 21.0216 |
| 32.3861227 | 16 | 19.3559 | 32.4927199 | 16.19 | 23.6643 | 32.5993171 | 16.27 | 21.0346 |
| 32.3862384 | 16 | 19.029 | 32.4928357 | 16.23 | 25.374 | 32.5994329 | 16.27 | 21.43 |
| 32.3863542 | 16 | 18.2802 | 32.4929514 | 16.26 | 26.5796 | 32.5995486 | 16.29 | 20.9489 |
| 32.3864699 | 15.96 | 16.252 | 32.4930671 | 16.23 | 25.1536 | 32.5996644 | 16.29 | 20.5207 |
| 32.3865857 | 16.03 | 20.7028 | 32.4931829 | 16.24 | 25.9024 | 32.5997801 | 16.3 | 20.425 |
| 32.3867014 | 16.03 | 19.1498 | 32.4932986 | 16.16 | 19.8381 | 32.5998958 | 16.29 | 20.9439 |
| 32.3868171 | 15.99 | 18.6088 | 32.4934144 | 16.2 | 24.498 | 32.6000116 | 16.3 | 20.8863 |
| 32.3869329 | 16.05 | 19.7203 | 32.4935301 | 16.23 | 25.5684 | 32.6001273 | 16.29 | 21.0317 |
| 32.3870486 | 16.02 | 18.4295 | 32.4936458 | 16.23 | 25.5943 | 32.6002431 | 16.29 | 21.0695 |
| 32.3871644 | 16.02 | 18.9225 | 32.4937616 | 16.12 | 16.5406 | 32.6003588 | 16.27 | 22.6154 |
| 32.3872801 | 16.05 | 20.6586 | 32.4938773 | 16.09 | 14.247 | 32.6004745 | 16.29 | 20.8049 |
| 32.3873958 | 16.03 | 19.1539 | 32.4939931 | 16.15 | 21.7171 | 32.6005903 | 16.29 | 20.4777 |
| 32.3875116 | 16 | 19.2014 | 32.4941088 | 16.22 | 25.5121 | 32.600706 | 16.3 | 20.7457 |
| 32.3876273 | 16.05 | 20.3427 | 32.4942245 | 16.23 | 25.981 | 32.6008218 | 16.29 | 20.1332 |
| 32.3877431 | 16.05 | 20.7605 | 32.4943403 | 16.24 | 26.0738 | 32.6009375 | 16.29 | 20.069 |
| 32.3878588 | 16.05 | 19.7488 | 32.494456 | 16.24 | 26.1391 | 32.6010532 | 16.3 | 20.1374 |
| 32.3879745 | 16 | 18.3667 | 32.4945718 | 16.23 | 26.0459 | 32.601169 | 16.29 | 21.7298 |
| 32.3880903 | 16.02 | 18.5793 | 32.4946875 | 16.24 | 26.6766 | 32.6012847 | 16.29 | 20.6315 |
| 32.388206 | 16 | 17.6848 | 32.4948032 | 16.26 | 27.1094 | 32.6014005 | 16.3 | 21.7109 |
| 32.3883218 | 16.09 | 22.0435 | 32.494919 | 16.27 | 27.5709 | 32.6015162 | 16.3 | 21.5799 |
| 32.3884375 | 16.07 | 21.4119 | 32.4950347 | 16.26 | 26.5479 | 32.6016319 | 16.29 | 20.0873 |
| 32.3885532 | 16.06 | 20.765 | 32.4951505 | 16.27 | 27.3559 | 32.6017477 | 16.29 | 23.1902 |
| 32.388669 | 16.03 | 19.216 | 32.4952662 | 16.26 | 26.909 | 32.6018634 | 16.29 | 20.2911 |
| 32.3887847 | 16.03 | 19.3857 | 32.4953819 | 16.27 | 27.0001 | 32.6019792 | 16.3 | 18.7867 |
| 32.3889005 | 16.07 | 21.3807 | 32.4954977 | 16.26 | 26.9497 | 32.6020949 | 16.29 | 23.0076 |
| 32.3890162 | 15.97 | 16.3948 | 32.4956134 | 16.26 | 26.9497 | 32.6022107 | 16.3 | 19.3313 |
| 32.3891319 | 15.99 | 16.8931 | 32.4957292 | 16.26 | 27.2501 | 32.6023264 | 16.29 | 18.8153 |
| 32.3892477 | 15.97 | 17.5591 | 32.4958449 | 16.26 | 26.9782 | 32.6024421 | 16.3 | 18.9477 |
| 32.3893634 | 16.03 | 19.4323 | 32.4959607 | 16.26 | 26.9375 | 32.6025579 | 16.29 | 18.5744 |
| 32.3894792 | 16.05 | 20.3661 | 32.4960764 | 16.26 | 26.6273 | 32.6026736 | 16.29 | 18.555 |
| 32.3895949 | 15.99 | 17.4578 | 32.4961921 | 16.24 | 26.4112 | 32.6027894 | 16.29 | 19.3637 |
| 32.3897107 | 16.03 | 20.4587 | 32.4963079 | 16.24 | 25.1545 | 32.6029051 | 16.29 | 20.4992 |
| 32.3898264 | 16.05 | 20.0254 | 32.4964236 | 16.2 | 23.2056 | 32.6030208 | 16.29 | 19.6658 |
| 32.3899421 | 16.05 | 19.9622 | 32.4965394 | 16.22 | 24.8237 | 32.6031366 | 16.3 | 18.9234 |
| 32.3900579 | 16.05 | 20.1277 | 32.4966551 | 16.24 | 26.0393 | 32.6032523 | 16.29 | 18.9443 |
| 32.3901736 | 16.03 | 19.1766 | 32.4967708 | 16.24 | 26.2047 | 32.6033681 | 16.29 | 19.277 |
| 32.3902894 | 15.96 | 14.6208 | 32.4968866 | 16.26 | 26.6953 | 32.6034838 | 16.29 | 19.2833 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3904051 | 16.06 | 21.548 | 32.4970023 | 16.26 | 26.7836 | 32.6035995 | 16.27 | 21.0195 |
| 32.3905208 | 16.06 | 20.2562 | 32.4971181 | 16.26 | 26.9578 | 32.6037153 | 16.29 | 19.8742 |
| 32.3906366 | 16.05 | 20.252 | 32.4972338 | 16.26 | 26.6753 | 32.603831 | 16.29 | 19.5373 |
| 32.3907523 | 16.06 | 20.6486 | 32.4973495 | 16.24 | 24.6689 | 32.6039468 | 16.29 | 19.1558 |
| 32.3908681 | 16.05 | 20.13 | 32.4974653 | 16.19 | 21.9309 | 32.6040625 | 16.27 | 18.9031 |
| 32.3909838 | 16.06 | 20.2515 | 32.497581 | 16.19 | 22.5761 | 32.6041782 | 16.29 | 18.8293 |
| 32.3910995 | 16.05 | 19.7642 | 32.4976968 | 16.22 | 24.5267 | 32.604294 | 16.27 | 19.4609 |
| 32.3912153 | 16.03 | 19.3772 | 32.4978125 | 16.23 | 24.3207 | 32.6044097 | 16.29 | 19.6002 |
| 32.391331 | 15.97 | 15.9254 | 32.4979282 | 16.27 | 27.3433 | 32.6045255 | 16.29 | 20.6339 |
| 32.3914468 | 16.07 | 21.5848 | 32.498044 | 16.27 | 27.5921 | 32.6046412 | 16.29 | 19.7584 |
| 32.3915625 | 16.07 | 21.8036 | 32.4981597 | 16.26 | 27.0396 | 32.6047569 | 16.29 | 18.9362 |
| 32.3916782 | 16.07 | 21.1882 | 32.4982755 | 16.26 | 26.5598 | 32.6048727 | 16.29 | 18.8394 |
| 32.391794 | 16.05 | 20.2752 | 32.4983912 | 16.27 | 26.7086 | 32.6049884 | 16.29 | 18.8796 |
| 32.3919097 | 16.07 | 21.329 | 32.4985069 | 16.24 | 25.677 | 32.6051042 | 16.27 | 19.0887 |
| 32.3920255 | 16.06 | 21.1377 | 32.4986227 | 16.24 | 25.9289 | 32.6052199 | 16.29 | 19.0648 |
| 32.3921412 | 16.02 | 18.9205 | 32.4987384 | 16.26 | 27.0889 | 32.6053357 | 16.27 | 19.2677 |
| 32.3922569 | 16.02 | 18.4429 | 32.4988542 | 16.27 | 27.0492 | 32.6054514 | 16.29 | 18.9891 |
| 32.3923727 | 16.07 | 21.7767 | 32.4989699 | 16.27 | 26.9633 | 32.6055671 | 16.29 | 18.9099 |
| 32.3924884 | 16.1 | 22.8947 | 32.4990857 | 16.26 | 25.5677 | 32.6056829 | 16.29 | 19.3913 |
| 32.3926042 | 16.06 | 19.5654 | 32.4992014 | 16.27 | 27.2932 | 32.6057986 | 16.29 | 19.8899 |
| 32.3927199 | 16 | 17.1765 | 32.4993171 | 16.27 | 27.041 | 32.6059144 | 16.29 | 18.4833 |
| 32.3928357 | 16.07 | 21.2392 | 32.4994329 | 16.23 | 25.0928 | 32.6060301 | 16.29 | 18.7237 |
| 32.3929514 | 16.09 | 22.1656 | 32.4995486 | 16.23 | 25.5168 | 32.6061458 | 16.29 | 19.3871 |
| 32.3930671 | 16.1 | 22.2919 | 32.4996644 | 16.24 | 26.3251 | 32.6062616 | 16.29 | 19.0834 |
| 32.3931829 | 16.09 | 21.4767 | 32.4997801 | 16.24 | 26.2901 | 32.6063773 | 16.3 | 19.5671 |
| 32.3932986 | 16.03 | 18.179 | 32.4998958 | 16.24 | 25.3968 | 32.6064931 | 16.29 | 20.4206 |
| 32.3934144 | 16.12 | 22.8239 | 32.5000116 | 16.22 | 24.6675 | 32.6066088 | 16.29 | 18.9931 |
| 32.3935301 | 16.09 | 21.8847 | 32.5001273 | 16.24 | 25.8005 | 32.6067245 | 16.29 | 19.3297 |
| 32.3936458 | 15.99 | 15.0089 | 32.5002431 | 16.22 | 24.0838 | 32.6068403 | 16.29 | 20.2327 |
| 32.3937616 | 16.1 | 22.5922 | 32.5003588 | 16.22 | 24.8482 | 32.606956 | 16.3 | 19.0006 |
| 32.3938773 | 16.1 | 22.8828 | 32.5004745 | 16.24 | 25.5436 | 32.6070718 | 16.29 | 18.9809 |
| 32.3939931 | 16.06 | 18.7621 | 32.5005903 | 16.23 | 25.7919 | 32.6071875 | 16.29 | 20.9964 |
| 32.3941088 | 16.07 | 20.5212 | 32.500706 | 16.23 | 25.1787 | 32.6073032 | 16.3 | 19.8402 |
| 32.3942245 | 16.12 | 22.9399 | 32.5008218 | 16.23 | 24.6889 | 32.607419 | 16.29 | 20.1079 |
| 32.3943403 | 16.12 | 23.0511 | 32.5009375 | 16.2 | 22.5242 | 32.6075347 | 16.29 | 19.7164 |
| 32.394456 | 16.07 | 20.4359 | 32.5010532 | 16.22 | 24.3268 | 32.6076505 | 16.3 | 21.4979 |
| 32.3945718 | 16.09 | 21.4558 | 32.501169 | 16.23 | 25.0679 | 32.6077662 | 16.29 | 21.5774 |
| 32.3946875 | 16.07 | 20.8899 | 32.5012847 | 16.23 | 25.2652 | 32.6078819 | 16.29 | 20.0074 |
| 32.3948032 | 16.1 | 22.741 | 32.5014005 | 16.2 | 23.7191 | 32.6079977 | 16.3 | 20.5612 |
| 32.394919 | 16.12 | 22.1964 | 32.5015162 | 16.2 | 24.1653 | 32.6081134 | 16.29 | 20.7215 |
| 32.3950347 | 16.09 | 20.2944 | 32.5016319 | 16.2 | 24.6109 | 32.6082292 | 16.3 | 21.1966 |
| 32.3951505 | 16.07 | 21.0794 | 32.5017477 | 16.22 | 24.7263 | 32.6083449 | 16.3 | 19.948 |
| 32.3952662 | 16.1 | 22.5661 | 32.5018634 | 16.22 | 25.0849 | 32.6084607 | 16.3 | 20.5612 |
| 32.3953819 | 16.07 | 20.5331 | 32.5019792 | 16.24 | 25.9745 | 32.6085764 | 16.29 | 20.6485 |
| 32.3954977 | 16.07 | 21.4535 | 32.5020949 | 16.23 | 25.447 | 32.6086921 | 16.29 | 20.3733 |
| 32.3956134 | 16.07 | 21.1501 | 32.5022107 | 16.23 | 24.6958 | 32.6088079 | 16.29 | 21.4954 |
| 32.3957292 | 16.1 | 22.8087 | 32.5023264 | 16.24 | 25.4224 | 32.6089236 | 16.3 | 20.8938 |
| 32.3958449 | 16.07 | 20.8899 | 32.5024421 | 16.22 | 24.4348 | 32.6090394 | 16.3 | 20.6482 |
| 32.3959607 | 16.06 | 19.7285 | 32.5025579 | 16.22 | 24.2464 | 32.6091551 | 16.3 | 20.2767 |
| 32.3960764 | 16.09 | 21.6961 | 32.5026736 | 16.2 | 24.2452 | 32.6092708 | 16.3 | 20.4988 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3961921 | 16.09 | 21.2516 | 32.5027894 | 16.24 | 26.0546 | 32.6093866 | 16.3 | 19.6478 |
| 32.3963079 | 16.07 | 21.1984 | 32.5029051 | 16.23 | 24.8036 | 32.6095023 | 16.3 | 19.8312 |
| 32.3964236 | 16.09 | 21.4219 | 32.5030208 | 16.24 | 25.3859 | 32.6096181 | 16.3 | 20.2603 |
| 32.3965394 | 16.07 | 20.8554 | 32.5031366 | 16.24 | 26.372 | 32.6097338 | 16.3 | 21.367 |
| 32.3966551 | 16.06 | 19.9775 | 32.5032523 | 16.23 | 25.4544 | 32.6098495 | 16.3 | 20.5468 |
| 32.3967708 | 16.07 | 20.5714 | 32.5033681 | 16.23 | 25.4105 | 32.6099653 | 16.3 | 19.9029 |
| 32.3968866 | 16.1 | 21.8847 | 32.5034838 | 16.22 | 25.1527 | 32.610081 | 16.3 | 20.2463 |
| 32.3970023 | 16.09 | 21.4924 | 32.5035995 | 16.24 | 25.5546 | 32.6101968 | 16.3 | 20.172 |
| 32.3971181 | 16.06 | 19.9978 | 32.5037153 | 16.26 | 25.6382 | 32.6103125 | 16.3 | 20.5468 |
| 32.3972338 | 16.1 | 22.2159 | 32.503831 | 16.23 | 25.447 | 32.6104282 | 16.3 | 20.172 |
| 32.3973495 | 16.1 | 22.306 | 32.5039468 | 16.22 | 23.6212 | 32.610544 | 16.3 | 20.0457 |
| 32.3974653 | 16.06 | 20.2145 | 32.5040625 | 16.22 | 24.7436 | 32.6106597 | 16.3 | 19.809 |
| 32.397581 | 16.1 | 21.4792 | 32.5041782 | 16.22 | 24.7263 | 32.6107755 | 16.3 | 20.8764 |
| 32.3976968 | 16.07 | 19.9343 | 32.504294 | 16.23 | 25.3594 | 32.6108912 | 16.3 | 21.4009 |
| 32.3978125 | 16.07 | 20.5594 | 32.5044097 | 16.23 | 24.9192 | 32.6110069 | 16.3 | 20.7776 |
| 32.3979282 | 16.02 | 19.7483 | 32.5045255 | 16.24 | 25.1832 | 32.6111227 | 16.3 | 20.1029 |
| 32.398044 | 16.07 | 20.9419 | 32.5046412 | 16.24 | 25.8193 | 32.6112384 | 16.3 | 19.4678 |
| 32.3981597 | 16.13 | 23.0604 | 32.5047569 | 16.24 | 26.3368 | 32.6113542 | 16.3 | 19.8335 |
| 32.3982755 | 16.1 | 21.3311 | 32.5048727 | 16.23 | 24.4389 | 32.6114699 | 16.3 | 19.7203 |
| 32.3983912 | 16.09 | 22.1155 | 32.5049884 | 16.23 | 25.3922 | 32.6115857 | 16.3 | 19.7247 |
| 32.3985069 | 16.07 | 20.8014 | 32.5051042 | 16.22 | 24.6468 | 32.6117014 | 16.3 | 19.3929 |
| 32.3986227 | 16.09 | 21.8197 | 32.5052199 | 16.23 | 24.87 | 32.6118171 | 16.3 | 19.6719 |
| 32.3987384 | 15.99 | 16.9252 | 32.5053357 | 16.24 | 25.651 | 32.6119329 | 16.32 | 20.2223 |
| 32.3988542 | 15.97 | 16.5073 | 32.5054514 | 16.23 | 24.87 | 32.6120486 | 16.3 | 20.286 |
| 32.3989699 | 16.05 | 20.7946 | 32.5055671 | 16.24 | 25.3786 | 32.6121644 | 16.3 | 20.2907 |
| 32.3990857 | 16.02 | 18.3217 | 32.5056829 | 16.24 | 25.6845 | 32.6122801 | 16.3 | 20.0571 |
| 32.3992014 | 16.06 | 20.3073 | 32.5057986 | 16.24 | 25.3458 | 32.6123958 | 16.3 | 19.7093 |
| 32.3993171 | 16 | 17.4517 | 32.5059144 | 16.24 | 25.8118 | 32.6125116 | 16.29 | 20.1632 |
| 32.3994329 | 15.96 | 15.6164 | 32.5060301 | 16.23 | 25.2724 | 32.6126273 | 16.3 | 20.3071 |
| 32.3995486 | 16.06 | 22.1016 | 32.5061458 | 16.23 | 24.8946 | 32.6127431 | 16.29 | 20.2607 |
| 32.3996644 | 15.99 | 17.2922 | 32.5062616 | 16.23 | 24.9757 | 32.6128588 | 16.3 | 20.8145 |
| 32.3997801 | 15.99 | 17.079 | 32.5063773 | 16.22 | 24.6847 | 32.6129745 | 16.3 | 21.1378 |
| 32.3998958 | 16 | 17.7816 | 32.5064931 | 16.23 | 24.8525 | 32.6130903 | 16.3 | 20.8541 |
| 32.4000116 | 16.02 | 17.4857 | 32.5066088 | 16.23 | 25.4214 | 32.613206 | 16.3 | 21.0491 |
| 32.4001273 | 15.97 | 16.4982 | 32.5067245 | 16.24 | 25.0296 | 32.6133218 | 16.3 | 20.8269 |
| 32.4002431 | 15.99 | 17.9468 | 32.5068403 | 16.23 | 24.187 | 32.6134375 | 16.3 | 21.1889 |
| 32.4003588 | 16.05 | 20.7045 | 32.506956 | 16.2 | 22.8197 | 32.6135532 | 16.3 | 21.0769 |
| 32.4004745 | 16.06 | 20.5121 | 32.5070718 | 16.19 | 22.7368 | 32.613669 | 16.29 | 21.0191 |
| 32.4005903 | 15.96 | 14.6522 | 32.5071875 | 16.19 | 23.0803 | 32.6137847 | 16.3 | 21.38 |
| 32.400706 | 16.06 | 20.977 | 32.5073032 | 16.2 | 23.8025 | 32.6139005 | 16.3 | 21.38 |
| 32.4008218 | 16.06 | 20.7968 | 32.507419 | 16.2 | 23.8025 | 32.6140162 | 16.3 | 21.3618 |
| 32.4009375 | 16.06 | 20.2957 | 32.5075347 | 16.22 | 24.3436 | 32.6141319 | 16.3 | 21.5032 |
| 32.4010532 | 16.03 | 19.4132 | 32.5076505 | 16.2 | 24.0137 | 32.6142477 | 16.32 | 21.5825 |
| 32.401169 | 16.06 | 20.9199 | 32.5077662 | 16.2 | 24.4098 | 32.6143634 | 16.32 | 21.5745 |
| 32.4012847 | 16.1 | 22.8028 | 32.5078819 | 16.26 | 26.6553 | 32.6144792 | 16.32 | 21.5612 |
| 32.4014005 | 16.05 | 20.5625 | 32.5079977 | 16.26 | 26.7514 | 32.6145949 | 16.3 | 21.7136 |
| 32.4015162 | 16.05 | 19.9017 | 32.5081134 | 16.24 | 25.364 | 32.6147107 | 16.32 | 21.8135 |
| 32.4016319 | 15.95 | 14.0298 | 32.5082292 | 16.22 | 24.761 | 32.6148264 | 16.32 | 21.8108 |
| 32.4017477 | 15.99 | 16.1189 | 32.5083449 | 16.23 | 24.6958 | 32.6149421 | 16.3 | 21.7055 |
| 32.4018634 | 16.02 | 19.4734 | 32.5084607 | 16.24 | 26.6207 | 32.6150579 | 16.32 | 21.7567 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4019792 | 16.05 | 20.9972 | 32.5085764 | 16.24 | 25.1976 | 32.6151736 | 16.32 | 21.7189 |
| 32.4020949 | 16.05 | 19.7071 | 32.5086921 | 16.24 | 25.6957 | 32.6152894 | 16.3 | 21.676 |
| 32.4022107 | 16 | 17.3973 | 32.5088079 | 16.26 | 26.3042 | 32.6154051 | 16.29 | 21.9062 |
| 32.4023264 | 15.99 | 16.8644 | 32.5089236 | 16.24 | 25.6064 | 32.6155208 | 16.3 | 22.422 |
| 32.4024421 | 16.05 | 19.9241 | 32.5090394 | 16.22 | 23.1756 | 32.6156366 | 16.3 | 22.6043 |
| 32.4025579 | 16.07 | 21.8523 | 32.5091551 | 16.23 | 24.3376 | 32.6157523 | 16.3 | 22.4479 |
| 32.4026736 | 16.09 | 21.611 | 32.5092708 | 16.24 | 25.677 | 32.6158681 | 16.32 | 22.2429 |
| 32.4027894 | 16.12 | 23.2428 | 32.5093866 | 16.23 | 24.7618 | 32.6159838 | 16.32 | 22.3965 |
| 32.4029051 | 16.13 | 23.188 | 32.5095023 | 16.17 | 21.5969 | 32.6160995 | 16.3 | 22.0885 |
| 32.4030208 | 16.1 | 21.5528 | 32.5096181 | 16.2 | 23.3412 | 32.6162153 | 16.32 | 23.3551 |
| 32.4031366 | 16.13 | 23.5604 | 32.5097338 | 16.2 | 22.9569 | 32.616331 | 16.3 | 23.3387 |
| 32.4032523 | 16 | 17.596 | 32.5098495 | 16.23 | 25.1107 | 32.6164468 | 16.3 | 23.2798 |
| 32.4033681 | 16.07 | 21.0719 | 32.5099653 | 16.24 | 25.8834 | 32.6165625 | 16.32 | 23.3675 |
| 32.4034838 | 16.13 | 23.649 | 32.510081 | 16.24 | 25.9669 | 32.6166782 | 16.32 | 22.6749 |
| 32.4035995 | 16.06 | 18.3222 | 32.5101968 | 16.26 | 26.5201 | 32.616794 | 16.32 | 22.8435 |
| 32.4037153 | 16.12 | 23.2982 | 32.5103125 | 16.24 | 25.6324 | 32.6169097 | 16.32 | 22.8435 |
| 32.403831 | 16.1 | 21.755 | 32.5104282 | 16.24 | 25.6584 | 32.6170255 | 16.32 | 22.5088 |
| 32.4039468 | 16.17 | 24.462 | 32.510544 | 16.24 | 26.1391 | 32.6171412 | 16.3 | 22.3619 |
| 32.4040625 | 16.17 | 24.6466 | 32.5106597 | 16.27 | 26.7166 | 32.6172569 | 16.3 | 22.2286 |
| 32.4041782 | 16.2 | 25.2697 | 32.5107755 | 16.27 | 26.9715 | 32.6173727 | 16.3 | 21.8816 |
| 32.404294 | 16.19 | 24.9301 | 32.5108912 | 16.27 | 26.8253 | 32.6174884 | 16.3 | 22.834 |
| 32.4044097 | 16.17 | 23.9565 | 32.5110069 | 16.26 | 26.1723 | 32.6176042 | 16.3 | 22.2399 |
| 32.4045255 | 16.13 | 23.5762 | 32.5111227 | 16.26 | 26.3393 | 32.6177199 | 16.3 | 22.5055 |
| 32.4046412 | 16.15 | 24.1425 | 32.5112384 | 16.23 | 24.5342 | 32.6178357 | 16.3 | 21.9777 |
| 32.4047569 | 16.17 | 24.6949 | 32.5113542 | 16.23 | 24.5513 | 32.6179514 | 16.3 | 22.7599 |
| 32.4048727 | 16.17 | 24.6053 | 32.5114699 | 16.19 | 22.3095 | 32.6180671 | 16.3 | 22.0885 |
| 32.4049884 | 16.17 | 24.4518 | 32.5115857 | 16.17 | 21.0393 | 32.6181829 | 16.29 | 21.4849 |
| 32.4051042 | 16.15 | 23.1703 | 32.5117014 | 16.2 | 23.557 | 32.6182986 | 16.29 | 21.1253 |
| 32.4052199 | 16.15 | 23.8387 | 32.5118171 | 16.22 | 23.7392 | 32.6184144 | 16.3 | 21.9942 |
| 32.4053357 | 16.16 | 23.8102 | 32.5119329 | 16.24 | 25.2914 | 32.6185301 | 16.3 | 22.0746 |
| 32.4054514 | 16.17 | 24.4688 | 32.5120486 | 16.24 | 24.8288 | 32.6186458 | 16.3 | 22.0496 |
| 32.4055671 | 16.17 | 24.9249 | 32.5121644 | 16.24 | 26.1314 | 32.6187616 | 16.29 | 21.6573 |
| 32.4056829 | 16.16 | 23.1493 | 32.5122801 | 16.26 | 26.312 | 32.6188773 | 16.29 | 21.8516 |
| 32.4057986 | 16.12 | 22.292 | 32.5123958 | 16.26 | 26.4373 | 32.6189931 | 16.3 | 22.4105 |
| 32.4059144 | 16.15 | 23.7937 | 32.5125116 | 16.26 | 26.153 | 32.6191088 | 16.3 | 22.0385 |
| 32.4060301 | 16.16 | 24.2694 | 32.5126273 | 16.26 | 26.1993 | 32.6192245 | 16.29 | 21.1508 |
| 32.4061458 | 16.16 | 24.3869 | 32.5127431 | 16.24 | 25.6957 | 32.6193403 | 16.29 | 22.1835 |
| 32.4062616 | 16.16 | 23.969 | 32.5128588 | 16.24 | 25.748 | 32.619456 | 16.29 | 21.5429 |
| 32.4063773 | 16.17 | 24.6053 | 32.5129745 | 16.24 | 25.4334 | 32.6195718 | 16.26 | 21.1259 |
| 32.4064931 | 16.16 | 24.0148 | 32.5130903 | 16.23 | 24.9439 | 32.6196875 | 16.27 | 21.409 |
| 32.4066088 | 16.16 | 23.6662 | 32.513206 | 16.24 | 25.5731 | 32.6198032 | 16.29 | 21.7244 |
| 32.4067245 | 16.15 | 23.9652 | 32.5133218 | 16.23 | 24.4152 | 32.619919 | 16.3 | 22.1583 |
| 32.4068403 | 16.16 | 24.1464 | 32.5134375 | 16.26 | 25.9805 | 32.6200347 | 16.29 | 21.7675 |
| 32.406956 | 16.15 | 23.8387 | 32.5135532 | 16.27 | 26.1465 | 32.6201505 | 16.26 | 20.8033 |
| 32.4070718 | 16.17 | 24.6535 | 32.513669 | 16.24 | 26.0853 | 32.6202662 | 16.26 | 20.9695 |
| 32.4071875 | 16.16 | 23.9919 | 32.5137847 | 16.24 | 26.2706 | 32.6203819 | 16.26 | 20.8848 |
| 32.4073032 | 16.13 | 22.7357 | 32.5139005 | 16.27 | 26.3249 | 32.6204977 | 16.27 | 21.5775 |
| 32.407419 | 16.12 | 22.4914 | 32.5140162 | 16.24 | 25.9555 | 32.6206134 | 16.29 | 22.4334 |
| 32.4075347 | 16.13 | 23.3294 | 32.5141319 | 16.26 | 25.8781 | 32.6207292 | 16.3 | 22.6774 |
| 32.4076505 | 16.16 | 24.1995 | 32.5142477 | 16.23 | 24.7028 | 32.6208449 | 16.3 | 22.8967 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4077662 | 16.26 | 28.2769 | 32.5143634 | 16.2 | 22.6345 | 32.6209607 | 16.3 | 23.0139 |
| 32.4078819 | 16.17 | 23.7529 | 32.5144792 | 16.22 | 24.0181 | 32.6210764 | 16.3 | 23.2428 |
| 32.4079977 | 16.16 | 23.7268 | 32.5145949 | 16.23 | 24.4152 | 32.6211921 | 16.3 | 23.1019 |
| 32.4081134 | 16.17 | 24.7364 | 32.5147107 | 16.23 | 24.7374 | 32.6213079 | 16.29 | 22.3248 |
| 32.4082292 | 16.17 | 24.5574 | 32.5148264 | 16.22 | 24.1698 | 32.6214236 | 16.29 | 22.1526 |
| 32.4083449 | 16.19 | 24.79 | 32.5149421 | 16.23 | 24.3983 | 32.6215394 | 16.29 | 22.22 |
| 32.4084607 | 16.15 | 23.1064 | 32.5150579 | 16.23 | 24.1671 | 32.6216551 | 16.29 | 22.22 |
| 32.4085764 | 16.19 | 24.923 | 32.5151736 | 16.22 | 23.3885 | 32.6217708 | 16.27 | 22.0162 |
| 32.4086921 | 16.15 | 22.5784 | 32.5152894 | 16.23 | 24.0482 | 32.6218866 | 16.29 | 22.4334 |
| 32.4088079 | 16.15 | 23.5644 | 32.5154051 | 16.22 | 23.9103 | 32.6220023 | 16.29 | 22.7922 |
| 32.4089236 | 16.16 | 24.0213 | 32.5155208 | 16.23 | 24.7792 | 32.6221181 | 16.3 | 22.8549 |
| 32.4090394 | 16.17 | 24.785 | 32.5156366 | 16.24 | 25.492 | 32.6222338 | 16.3 | 22.754 |
| 32.4091551 | 16.2 | 25.3748 | 32.5157523 | 16.24 | 25.9935 | 32.6223495 | 16.3 | 22.6247 |
| 32.4092708 | 16.13 | 22.2442 | 32.5158681 | 16.24 | 25.9099 | 32.6224653 | 16.3 | 22.4077 |
| 32.4093866 | 16.19 | 25.0219 | 32.5159838 | 16.26 | 26.0149 | 32.622581 | 16.29 | 22.2596 |
| 32.4095023 | 16.19 | 25.7503 | 32.5160995 | 16.26 | 26.1646 | 32.6226968 | 16.27 | 22.0995 |
| 32.4096181 | 16.2 | 25.4698 | 32.5162153 | 16.24 | 25.6064 | 32.6228125 | 16.29 | 21.8953 |
| 32.4097338 | 16.22 | 25.7871 | 32.516331 | 16.26 | 25.6382 | 32.6229282 | 16.27 | 21.4956 |
| 32.4098495 | 16.16 | 23.969 | 32.5164468 | 16.26 | 25.7276 | 32.623044 | 16.26 | 21.2691 |
| 32.4099653 | 16.2 | 25.0938 | 32.5165625 | 16.24 | 25.8646 | 32.6231597 | 16.26 | 21.1386 |
| 32.410081 | 16.19 | 24.8809 | 32.5166782 | 16.26 | 26.3784 | 32.6232755 | 16.26 | 21.0701 |
| 32.4101968 | 16.2 | 25.5249 | 32.516794 | 16.19 | 20.2647 | 32.6233912 | 16.26 | 21.1538 |
| 32.4103125 | 16.16 | 23.5301 | 32.5169097 | 16.24 | 25.7293 | 32.6235069 | 16.26 | 21.2923 |
| 32.4104282 | 16.19 | 24.8074 | 32.5170255 | 16.26 | 26.0608 | 32.6236227 | 16.26 | 21.3597 |
| 32.410544 | 16.2 | 25.3058 | 32.5171412 | 16.26 | 26.126 | 32.6237384 | 16.26 | 21.2177 |
| 32.4106597 | 16.22 | 25.6787 | 32.5172569 | 16.26 | 26.0799 | 32.6238542 | 16.24 | 21.0126 |
| 32.4107755 | 16.2 | 24.162 | 32.5173727 | 16.24 | 25.5879 | 32.6239699 | 16.24 | 20.985 |
| 32.4108912 | 16.2 | 25.0156 | 32.5174884 | 16.27 | 26.364 | 32.6240857 | 16.26 | 21.2331 |
| 32.4110069 | 16.24 | 26.2318 | 32.5176042 | 16.27 | 26.4661 | 32.6242014 | 16.27 | 21.6014 |
| 32.4111227 | 16.23 | 25.981 | 32.5177199 | 16.26 | 26.351 | 32.6243171 | 16.27 | 21.703 |
| 32.4112384 | 16.24 | 26.0738 | 32.5178357 | 16.26 | 26.312 | 32.6244329 | 16.26 | 21.559 |
| 32.4113542 | 16.24 | 26.0279 | 32.5179514 | 16.24 | 24.8533 | 32.6245486 | 16.27 | 21.6094 |
| 32.4114699 | 16.24 | 26.1738 | 32.5180671 | 16.27 | 26.2587 | 32.6246644 | 16.27 | 21.5802 |
| 32.4115857 | 16.1 | 19.3771 | 32.5181829 | 16.26 | 25.7989 | 32.6247801 | 16.27 | 21.6014 |
| 32.4117014 | 16.2 | 25.4442 | 32.5182986 | 16.27 | 26.2315 | 32.6248958 | 16.27 | 21.6788 |
| 32.4118171 | 16.2 | 25.1438 | 32.5184144 | 16.26 | 25.6903 | 32.6250116 | 16.27 | 21.6922 |
| 32.4119329 | 16.2 | 24.8922 | 32.5185301 | 16.26 | 26.3393 | 32.6251273 | 16.26 | 21.4353 |
| 32.4120486 | 16.2 | 24.8747 | 32.5186458 | 16.27 | 26.4582 | 32.6252431 | 16.26 | 21.2229 |
| 32.4121644 | 16.2 | 25.1081 | 32.5187616 | 16.24 | 24.6655 | 32.6253588 | 16.24 | 21.0731 |
| 32.4122801 | 16.2 | 25.2372 | 32.5188773 | 16.24 | 24.4498 | 32.6254745 | 16.26 | 20.7664 |
| 32.4123958 | 16.19 | 24.7344 | 32.5189931 | 16.27 | 26.9226 | 32.6255903 | 16.24 | 20.7817 |
| 32.4125116 | 16.17 | 24.3573 | 32.5191088 | 16.27 | 26.9023 | 32.625706 | 16.24 | 20.7059 |
| 32.4126273 | 16.2 | 25.3566 | 32.5192245 | 16.27 | 26.6406 | 32.6258218 | 16.24 | 20.7866 |
| 32.4127431 | 16.2 | 24.7282 | 32.5193403 | 16.27 | 26.5056 | 32.6259375 | 16.24 | 21.0503 |
| 32.4128588 | 16.17 | 24.3674 | 32.519456 | 16.27 | 26.1851 | 32.6260532 | 16.24 | 20.826 |
| 32.4129745 | 16.2 | 25.126 | 32.5195718 | 16.27 | 26.7729 | 32.626169 | 16.23 | 20.8361 |
| 32.4130903 | 16.2 | 25.0689 | 32.5196875 | 16.26 | 25.9235 | 32.6262847 | 16.24 | 21.0026 |
| 32.413206 | 16.2 | 25.3748 | 32.5198032 | 16.26 | 25.8781 | 32.6264005 | 16.24 | 21.0227 |
| 32.4133218 | 16.24 | 26.4191 | 32.519919 | 16.26 | 25.4536 | 32.6265162 | 16.24 | 21.0352 |
| 32.4134375 | 16.19 | 24.2446 | 32.5200347 | 16.24 | 25.2588 | 32.6266319 | 16.23 | 21.0405 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4135532 | 16.15 | 22.4976 | 32.5201505 | 16.27 | 26.7769 | 32.6267477 | 16.24 | 21.2002 |
| 32.413669 | 16.1 | 21.3543 | 32.5202662 | 16.29 | 26.9173 | 32.6268634 | 16.26 | 21.1589 |
| 32.4137847 | 16.1 | 21.0335 | 32.5203819 | 16.27 | 26.7729 | 32.6269792 | 16.24 | 21.1925 |
| 32.4139005 | 16.17 | 23.104 | 32.5204977 | 16.27 | 25.7287 | 32.6270949 | 16.24 | 20.98 |
| 32.4140162 | 16.15 | 23.0338 | 32.5206134 | 16.24 | 24.9871 | 32.6272107 | 16.24 | 20.9027 |
| 32.4141319 | 16.12 | 21.542 | 32.5207292 | 16.24 | 24.4023 | 32.6273264 | 16.24 | 20.8804 |
| 32.4142477 | 16.1 | 22.3939 | 32.5208449 | 16.23 | 24.3443 | 32.6274421 | 16.24 | 20.9077 |
| 32.4143634 | 16.15 | 22.3944 | 32.5209607 | 16.24 | 25.3204 | 32.6275579 | 16.24 | 20.985 |
| 32.4144792 | 16.12 | 22.0961 | 32.5210764 | 16.26 | 25.9159 | 32.6276736 | 16.24 | 21.0352 |
| 32.4145949 | 16.13 | 22.555 | 32.5211921 | 16.26 | 25.185 | 32.6277894 | 16.24 | 21.0302 |
| 32.4147107 | 16.17 | 24.462 | 32.5213079 | 16.26 | 25.4536 | 32.6279051 | 16.24 | 21.0227 |
| 32.4148264 | 16.1 | 21.8278 | 32.5214236 | 16.26 | 25.6122 | 32.6280208 | 16.26 | 20.9645 |
| 32.4149421 | 16.15 | 22.7773 | 32.5215394 | 16.26 | 26.1993 | 32.6281366 | 16.24 | 20.94 |
| 32.4150579 | 16.13 | 22.5608 | 32.5216551 | 16.27 | 26.2044 | 32.6282523 | 16.24 | 21.0001 |
| 32.4151736 | 16.13 | 22.6829 | 32.5217708 | 16.26 | 25.6754 | 32.6283681 | 16.24 | 20.99 |
| 32.4152894 | 16.17 | 23.8268 | 32.5218866 | 16.27 | 25.5687 | 32.6284838 | 16.24 | 21.0126 |
| 32.4154051 | 16.16 | 23.1645 | 32.5220023 | 16.26 | 25.7801 | 32.6285995 | 16.26 | 21.0625 |
| 32.4155208 | 16.12 | 22.0518 | 32.5221181 | 16.24 | 24.2209 | 32.6287153 | 16.24 | 21.2206 |
| 32.4156366 | 16.15 | 22.9826 | 32.5222338 | 16.23 | 23.7109 | 32.628831 | 16.26 | 21.2563 |
| 32.4157523 | 16.13 | 22.5146 | 32.5223495 | 16.24 | 25.8759 | 32.6289468 | 16.26 | 21.3779 |
| 32.4158681 | 16.17 | 23.6634 | 32.5224653 | 16.24 | 25.7405 | 32.6290625 | 16.26 | 21.4536 |
| 32.4159838 | 16.13 | 22.7621 | 32.522581 | 16.24 | 25.1473 | 32.6291782 | 16.26 | 21.3961 |
| 32.4160995 | 16.13 | 22.4571 | 32.5226968 | 16.26 | 26.5479 | 32.629294 | 16.24 | 21.1772 |
| 32.4162153 | 16.13 | 22.6333 | 32.5228125 | 16.27 | 26.5333 | 32.6294097 | 16.24 | 21.1313 |
| 32.416331 | 16.13 | 22.9671 | 32.5229282 | 16.26 | 25.8894 | 32.6295255 | 16.24 | 21.1415 |
| 32.4164468 | 16.12 | 22.0242 | 32.523044 | 16.26 | 25.4719 | 32.6296412 | 16.24 | 21.1772 |
| 32.4165625 | 16.13 | 22.9073 | 32.5231597 | 16.27 | 26.1657 | 32.6297569 | 16.24 | 21.2437 |
| 32.4166782 | 16.12 | 22.2048 | 32.5232755 | 16.24 | 24.46 | 32.6298727 | 16.24 | 21.2155 |
| 32.416794 | 16.13 | 22.7474 | 32.5233912 | 16.24 | 25.7031 | 32.6299884 | 16.24 | 21.254 |
| 32.4169097 | 16.09 | 19.8952 | 32.5235069 | 16.24 | 23.9472 | 32.6301042 | 16.24 | 21.2952 |
| 32.4170255 | 16.1 | 21.3259 | 32.5236227 | 16.24 | 25.2516 | 32.6302199 | 16.24 | 21.2335 |
| 32.4171412 | 16.1 | 21.595 | 32.5237384 | 16.22 | 22.7139 | 32.6303357 | 16.26 | 21.4379 |
| 32.4172569 | 16.13 | 23.121 | 32.5238542 | 16.22 | 22.8291 | 32.6304514 | 16.26 | 21.4379 |
| 32.4173727 | 16.2 | 25.6024 | 32.5239699 | 16.23 | 24.5513 | 32.6305671 | 16.27 | 22.1246 |
| 32.4174884 | 16.17 | 24.2034 | 32.5240857 | 16.22 | 22.3981 | 32.6306829 | 16.26 | 21.7568 |
| 32.4176042 | 16.17 | 24.2667 | 32.5242014 | 16.22 | 23.3016 | 32.6307986 | 16.27 | 21.6815 |
| 32.4177199 | 16.17 | 24.2701 | 32.5243171 | 16.23 | 22.9878 | 32.6309144 | 16.26 | 21.6121 |
| 32.4178357 | 16.16 | 24.1762 | 32.5244329 | 16.22 | 23.3947 | 32.6310301 | 16.24 | 21.4486 |
| 32.4179514 | 16.16 | 23.8554 | 32.5245486 | 16.2 | 22.7783 | 32.6311458 | 16.24 | 21.3314 |
| 32.4180671 | 16.16 | 23.9299 | 32.5246644 | 16.22 | 23.0086 | 32.6312616 | 16.26 | 21.2846 |
| 32.4181829 | 16.17 | 24.2333 | 32.5247801 | 16.23 | 23.6439 | 32.6313773 | 16.26 | 21.3831 |
| 32.4182986 | 16.2 | 25.8339 | 32.5248958 | 16.23 | 24.2037 | 32.6314931 | 16.26 | 21.4825 |
| 32.4184144 | 16.2 | 25.23 | 32.5250116 | 16.23 | 23.7045 | 32.6316088 | 16.24 | 21.3262 |
| 32.4185301 | 16.2 | 25.0086 | 32.5251273 | 16.24 | 25.1832 | 32.6317245 | 16.24 | 21.2669 |
| 32.4186458 | 16.17 | 23.9957 | 32.5252431 | 16.22 | 23.1329 | 32.6318403 | 16.24 | 21.1415 |
| 32.4187616 | 16.12 | 20.7827 | 32.5253588 | 16.24 | 25.5879 | 32.631956 | 16.24 | 21.1593 |
| 32.4188773 | 16.22 | 25.8059 | 32.5254745 | 16.26 | 25.9805 | 32.6320718 | 16.24 | 21.2617 |
| 32.4189931 | 16.17 | 24.1008 | 32.5255903 | 16.26 | 25.7801 | 32.6321875 | 16.24 | 21.3211 |
| 32.4191088 | 16.16 | 24.2561 | 32.525706 | 16.23 | 23.1759 | 32.6323032 | 16.24 | 21.144 |
| 32.4192245 | 16.15 | 22.6716 | 32.5258218 | 16.24 | 25.2516 | 32.632419 | 16.24 | 21.1186 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4193403 | 16.2 | 25.044 | 32.5259375 | 16.24 | 25.1581 | 32.6325347 | 16.24 | 21.0781 |
| 32.419456 | 16.17 | 24.2567 | 32.5260532 | 16.26 | 24.7363 | 32.6326505 | 16.24 | 21.063 |
| 32.4195718 | 16.2 | 24.5014 | 32.526169 | 16.2 | 21.2341 | 32.6327662 | 16.24 | 21.2155 |
| 32.4196875 | 16.19 | 24.6687 | 32.5262847 | 16.23 | 24.3679 | 32.6328819 | 16.24 | 21.2514 |
| 32.4198032 | 16.15 | 23.2499 | 32.5264005 | 16.23 | 23.4608 | 32.6329977 | 16.24 | 21.3081 |
| 32.419919 | 16.15 | 23.1703 | 32.5265162 | 16.24 | 24.6828 | 32.6331134 | 16.24 | 21.2463 |
| 32.4200347 | 16.16 | 23.5806 | 32.5266319 | 16.23 | 23.8686 | 32.6332292 | 16.24 | 21.2566 |
| 32.4201505 | 16.16 | 23.131 | 32.5267477 | 16.23 | 23.5047 | 32.6333449 | 16.24 | 21.3081 |
| 32.4202662 | 16.17 | 23.2414 | 32.5268634 | 16.23 | 23.1637 | 32.6334607 | 16.24 | 21.2053 |
| 32.4203819 | 16.17 | 23.5337 | 32.5269792 | 16.24 | 23.7787 | 32.6335764 | 16.24 | 21.1925 |
| 32.4204977 | 16.17 | 23.4459 | 32.5270949 | 16.19 | 20.2205 | 32.6336921 | 16.24 | 21.2386 |
| 32.4206134 | 16.17 | 23.6 | 32.5272107 | 16.24 | 24.8638 | 32.6338079 | 16.24 | 21.254 |
| 32.4207292 | 16.17 | 24.6638 | 32.5273264 | 16.24 | 25.1581 | 32.6339236 | 16.24 | 21.2669 |
| 32.4208449 | 16.17 | 23.562 | 32.5274421 | 16.24 | 25.5104 | 32.6340394 | 16.24 | 21.2514 |
| 32.4209607 | 16.16 | 23.2656 | 32.5275579 | 16.23 | 23.2742 | 32.6341551 | 16.24 | 21.272 |
| 32.4210764 | 16.15 | 22.0712 | 32.5276736 | 16.24 | 24.8533 | 32.6342708 | 16.24 | 21.1823 |
| 32.4211921 | 16.12 | 21.2126 | 32.5277894 | 16.23 | 23.1484 | 32.6343866 | 16.23 | 21.1544 |
| 32.4213079 | 16.19 | 24.2379 | 32.5279051 | 16.23 | 23.7429 | 32.6345023 | 16.24 | 21.1644 |
| 32.4214236 | 16.16 | 23.698 | 32.5280208 | 16.2 | 21.5095 | 32.6346181 | 16.23 | 21.2388 |
| 32.4215394 | 16.16 | 23.4018 | 32.5281366 | 16.23 | 23.8816 | 32.6347338 | 16.24 | 21.1695 |
| 32.4216551 | 16.17 | 23.9728 | 32.5282523 | 16.2 | 20.8764 | 32.6348495 | 16.23 | 21.1315 |
| 32.4217708 | 16.15 | 22.9287 | 32.5283681 | 16.22 | 24.0476 | 32.6349653 | 16.23 | 21.1468 |
| 32.4218866 | 16.17 | 24.7364 | 32.5284838 | 16.2 | 22.3096 | 32.635081 | 16.24 | 21.1415 |
| 32.4220023 | 16.16 | 23.4642 | 32.5285995 | 16.22 | 22.5999 | 32.6351968 | 16.23 | 21.1748 |
| 32.4221181 | 16.17 | 24.1106 | 32.5287153 | 16.2 | 20.9885 | 32.6353125 | 16.23 | 21.208 |
| 32.4222338 | 16.15 | 23.067 | 32.528831 | 16.23 | 24.3544 | 32.6354282 | 16.24 | 21.1823 |
| 32.4223495 | 16.17 | 23.9435 | 32.5289468 | 16.2 | 21.2907 | 32.635544 | 16.23 | 21.1978 |
| 32.4224653 | 16.17 | 23.3091 | 32.5290625 | 16.2 | 22.2983 | 32.6356597 | 16.23 | 21.2106 |
| 32.422581 | 16.19 | 24.9583 | 32.5291782 | 16.22 | 22.7758 | 32.6357755 | 16.23 | 21.2593 |
| 32.4226968 | 16.16 | 23.0341 | 32.529294 | 16.22 | 23.0086 | 32.6358912 | 16.23 | 21.2208 |
| 32.4228125 | 16.17 | 23.7465 | 32.5294097 | 16.2 | 21.0537 | 32.6360069 | 16.24 | 21.3703 |
| 32.4229282 | 16.12 | 22.3061 | 32.5295255 | 16.22 | 22.6816 | 32.6361227 | 16.24 | 21.2849 |
| 32.423044 | 16.15 | 23.061 | 32.5296412 | 16.23 | 23.533 | 32.6362384 | 16.23 | 21.2259 |
| 32.4231597 | 16.17 | 24.7052 | 32.5297569 | 16.2 | 21.5411 | 32.6363542 | 16.23 | 21.1366 |
| 32.4232755 | 16.16 | 23.3769 | 32.5298727 | 16.19 | 20.7488 | 32.6364699 | 16.23 | 21.1697 |
| 32.4233912 | 16.15 | 23.634 | 32.5299884 | 16.19 | 20.3817 | 32.6365857 | 16.23 | 21.2311 |
| 32.4235069 | 16.12 | 21.2689 | 32.5301042 | 16.2 | 21.5358 | 32.6367014 | 16.23 | 21.1927 |
| 32.4236227 | 16.12 | 22.005 | 32.5302199 | 16.19 | 21.1196 | 32.6368171 | 16.24 | 21.2617 |
| 32.4237384 | 16.07 | 18.797 | 32.5303357 | 16.2 | 22.6083 | 32.6369329 | 16.24 | 21.4539 |
| 32.4238542 | 16.15 | 22.7684 | 32.5304514 | 16.26 | 25.5751 | 32.6370486 | 16.24 | 21.4644 |
| 32.4239699 | 16.15 | 23.1003 | 32.5305671 | 16.17 | 19.0726 | 32.6371644 | 16.24 | 21.4644 |
| 32.4240857 | 16.16 | 23.6917 | 32.5306829 | 16.26 | 25.8441 | 32.6372801 | 16.24 | 21.5117 |
| 32.4242014 | 16.16 | 23.315 | 32.5307986 | 16.23 | 22.9547 | 32.6373958 | 16.24 | 21.4827 |
| 32.4243171 | 16.16 | 24.1464 | 32.5309144 | 16.23 | 22.9998 | 32.6375116 | 16.23 | 21.5461 |
| 32.4244329 | 16.17 | 23.5054 | 32.5310301 | 16.24 | 24.9623 | 32.6376273 | 16.26 | 21.5962 |
| 32.4245486 | 16.17 | 24.7122 | 32.5311458 | 16.24 | 24.5932 | 32.6377431 | 16.24 | 21.5117 |
| 32.4246644 | 16.13 | 22.0767 | 32.5312616 | 16.23 | 24.187 | 32.6378588 | 16.24 | 21.6362 |
| 32.4247801 | 16.19 | 24.6033 | 32.5313773 | 16.23 | 24.0811 | 32.6379745 | 16.24 | 21.738 |
| 32.4248958 | 16.17 | 24.0415 | 32.5314931 | 16.26 | 25.3404 | 32.6380903 | 16.24 | 21.6016 |
| 32.4250116 | 16.17 | 24.0022 | 32.5316088 | 16.2 | 21.001 | 32.638206 | 16.24 | 21.4434 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4251273 | 16.17 | 23.9337 | 32.5317245 | 16.22 | 22.5274 | 32.6383218 | 16.23 | 21.4304 |
| 32.4252431 | 16.15 | 23.358 | 32.5318403 | 16.22 | 23.3233 | 32.6384375 | 16.23 | 21.5461 |
| 32.4253588 | 16.19 | 24.6515 | 32.531956 | 16.23 | 23.4326 | 32.6385532 | 16.23 | 21.5938 |
| 32.4254745 | 16.17 | 24.1008 | 32.5320718 | 16.22 | 22.9575 | 32.638669 | 16.24 | 21.5645 |
| 32.4255903 | 16.17 | 24.4892 | 32.5321875 | 16.23 | 22.9818 | 32.6387847 | 16.24 | 21.6229 |
| 32.425706 | 16.17 | 24.3136 | 32.5323032 | 16.24 | 24.1744 | 32.6389005 | 16.24 | 21.6362 |
| 32.4258218 | 16.17 | 23.95 | 32.532419 | 16.26 | 24.4681 | 32.6390162 | 16.23 | 21.6603 |
| 32.4259375 | 16.17 | 24.3674 | 32.5325347 | 16.23 | 23.7493 | 32.6391319 | 16.23 | 21.5938 |
| 32.4260532 | 16.13 | 21.9474 | 32.5326505 | 16.23 | 23.8298 | 32.6392477 | 16.22 | 21.5647 |
| 32.426169 | 16.15 | 23.149 | 32.5327662 | 16.26 | 24.8759 | 32.6393634 | 16.23 | 21.5752 |
| 32.4262847 | 16.17 | 24.4146 | 32.5328819 | 16.26 | 24.55 | 32.6394792 | 16.23 | 21.6603 |
| 32.4264005 | 16.16 | 23.3956 | 32.5329977 | 16.24 | 24.1677 | 32.6395949 | 16.23 | 21.8599 |
| 32.4265162 | 16.19 | 25.1144 | 32.5331134 | 16.23 | 23.7911 | 32.6397107 | 16.24 | 21.8789 |
| 32.4266319 | 16.19 | 25.0219 | 32.5332292 | 16.26 | 24.9111 | 32.6398264 | 16.24 | 21.9473 |
| 32.4267477 | 16.15 | 22.8869 | 32.5333449 | 16.24 | 24.5281 | 32.6399421 | 16.24 | 21.849 |
| 32.4268634 | 16.16 | 24.0673 | 32.5334607 | 16.24 | 24.1511 | 32.6400579 | 16.23 | 21.8762 |
| 32.4269792 | 16.15 | 21.787 | 32.5335764 | 16.24 | 24.2845 | 32.6401736 | 16.24 | 21.9281 |
| 32.4270949 | 16.2 | 25.9435 | 32.5336921 | 16.24 | 23.689 | 32.6402894 | 16.24 | 22.0023 |
| 32.4272107 | 16.19 | 26.049 | 32.5338079 | 16.23 | 23.7333 | 32.6404051 | 16.23 | 22.0382 |
| 32.4273264 | 16.12 | 21.4737 | 32.5339236 | 16.26 | 24.7606 | 32.6405208 | 16.24 | 21.9226 |
| 32.4274421 | 16.15 | 22.7743 | 32.5340394 | 16.24 | 23.7498 | 32.6406366 | 16.23 | 21.9336 |
| 32.4275579 | 16.13 | 21.7467 | 32.5341551 | 16.24 | 23.0333 | 32.6407523 | 16.24 | 22.0576 |
| 32.4276736 | 16.12 | 21.6559 | 32.5342708 | 16.23 | 22.7229 | 32.6408681 | 16.24 | 22.1021 |
| 32.4277894 | 16.16 | 23.7877 | 32.5343866 | 16.24 | 24.3685 | 32.6409838 | 16.24 | 22.2987 |
| 32.4279051 | 16.15 | 22.654 | 32.5345023 | 16.26 | 23.8864 | 32.6410995 | 16.24 | 22.4614 |
| 32.4280208 | 16.16 | 23.0703 | 32.5346181 | 16.24 | 23.3271 | 32.6412153 | 16.23 | 22.4612 |
| 32.4281366 | 16.15 | 22.8275 | 32.5347338 | 16.23 | 22.2901 | 32.641331 | 16.24 | 22.6527 |
| 32.4282523 | 16.12 | 21.8033 | 32.5348495 | 16.23 | 22.3668 | 32.6414468 | 16.24 | 22.6732 |
| 32.4283681 | 16.15 | 22.8453 | 32.5349653 | 16.23 | 23.2804 | 32.6415625 | 16.24 | 22.5799 |
| 32.4284838 | 16.12 | 22.4972 | 32.535081 | 16.23 | 22.444 | 32.6416782 | 16.24 | 22.4298 |
| 32.4285995 | 16.15 | 22.9287 | 32.5351968 | 16.24 | 22.2224 | 32.641794 | 16.23 | 22.0023 |
| 32.4287153 | 16.13 | 22.5463 | 32.5353125 | 16.23 | 21.8083 | 32.6419097 | 16.22 | 21.8899 |
| 32.428831 | 16.12 | 22.3146 | 32.5354282 | 16.22 | 20.3031 | 32.6420255 | 16.23 | 21.972 |
| 32.4289468 | 15.89 | 9.383 | 32.535544 | 16.24 | 23.6221 | 32.6421412 | 16.23 | 22.2167 |
| 32.4290625 | 15.85 | 9.6087 | 32.5356597 | 16.23 | 22.0854 | 32.6422569 | 16.23 | 22.1578 |
| 32.4291782 | 15.85 | 9.1066 | 32.5357755 | 16.23 | 22.6877 | 32.6423727 | 16.23 | 22.4211 |
| 32.429294 | 15.86 | 10.2412 | 32.5358912 | 16.23 | 22.1243 | 32.6424884 | 16.24 | 22.2987 |
| 32.4294097 | 15.86 | 10.7689 | 32.5360069 | 16.24 | 23.9537 | 32.6426042 | 16.23 | 22.183 |
| 32.4295255 | 16.09 | 24.5145 | 32.5361227 | 16.23 | 22.676 | 32.6427199 | 16.23 | 22.1774 |
| 32.4296412 | 16.15 | 22.7008 | 32.5362384 | 16.23 | 22.6555 | 32.6428357 | 16.23 | 22.1774 |
| 32.4297569 | 16.09 | 21.9283 | 32.5363542 | 16.24 | 23.7787 | 32.6429514 | 16.23 | 22.1774 |
| 32.4298727 | 16.22 | 26.2643 | 32.5364699 | 16.23 | 22.9727 | 32.6430671 | 16.23 | 22.5391 |
| 32.4299884 | 16.17 | 23.9957 | 32.5365857 | 16.23 | 23.0451 | 32.6431829 | 16.23 | 22.5536 |
| 32.4301042 | 15.96 | 13.6596 | 32.5367014 | 16.23 | 22.865 | 32.6432986 | 16.23 | 22.3128 |
| 32.4302199 | 15.97 | 14.9051 | 32.5368171 | 16.24 | 23.5429 | 32.6434144 | 16.22 | 22.1634 |
| 32.4303357 | 16.22 | 27.2982 | 32.5369329 | 16.24 | 23.5366 | 32.6435301 | 16.22 | 22.1634 |
| 32.4304514 | 16.23 | 27.6837 | 32.5370486 | 16.24 | 24.1677 | 32.6436458 | 16.22 | 22.1271 |
| 32.4305671 | 16.12 | 21.9912 | 32.5371644 | 16.24 | 23.6698 | 32.6437616 | 16.22 | 22.1466 |
| 32.4306829 | 16.07 | 19.7192 | 32.5372801 | 16.24 | 24.1511 | 32.6438773 | 16.23 | 22.2477 |
| 32.4307986 | 16.12 | 22.4398 | 32.5373958 | 16.24 | 23.737 | 32.6439931 | 16.23 | 22.1215 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4309144 | 16.05 | 19.095 | 32.5375116 | 16.24 | 24.1114 | 32.6441088 | 16.23 | 22.1971 |
| 32.4310301 | 16 | 15.4797 | 32.5376273 | 16.24 | 23.6986 | 32.6442245 | 16.22 | 22.0825 |
| 32.4311458 | 16.07 | 22.7346 | 32.5377431 | 16.24 | 23.9439 | 32.6443403 | 16.22 | 22.0244 |
| 32.4312616 | 16.09 | 20.8597 | 32.5378588 | 16.24 | 23.3706 | 32.644456 | 16.2 | 22.005 |
| 32.4313773 | 16.1 | 21.4976 | 32.5379745 | 16.24 | 23.7884 | 32.6445718 | 16.2 | 22.0188 |
| 32.4314931 | 15.97 | 14.0524 | 32.5380903 | 16.24 | 23.8692 | 32.6446875 | 16.22 | 22.0189 |
| 32.4316088 | 16.06 | 20.9323 | 32.538206 | 16.24 | 23.7562 | 32.6448032 | 16.2 | 22.0741 |
| 32.4317245 | 16.09 | 20.2595 | 32.5383218 | 16.23 | 23.1698 | 32.644919 | 16.22 | 22.0382 |
| 32.4318403 | 15.92 | 12.3827 | 32.5384375 | 16.24 | 24.5281 | 32.6450347 | 16.2 | 22.2447 |
| 32.431956 | 16.03 | 18.6661 | 32.5385532 | 16.24 | 23.1 | 32.6451505 | 16.2 | 22.0437 |
| 32.4320718 | 15.96 | 14.4891 | 32.538669 | 16.24 | 23.5714 | 32.6452662 | 16.2 | 22.0078 |
| 32.4321875 | 16.19 | 25.8253 | 32.5387847 | 16.24 | 23.565 | 32.6453819 | 16.22 | 21.95 |
| 32.4323032 | 16.24 | 27.3346 | 32.5389005 | 16.24 | 23.1426 | 32.6454977 | 16.19 | 22.0409 |
| 32.432419 | 16.17 | 24.5369 | 32.5390162 | 16.24 | 23.638 | 32.6456134 | 16.2 | 22.1186 |
| 32.4325347 | 16.23 | 26.5124 | 32.5391319 | 16.24 | 23.2345 | 32.6457292 | 16.2 | 22.113 |
| 32.4326505 | 16.02 | 17.7427 | 32.5392477 | 16.24 | 23.9211 | 32.6458449 | 16.22 | 22.0437 |
| 32.4327662 | 16.05 | 19.5703 | 32.5393634 | 16.24 | 23.164 | 32.6459607 | 16.22 | 22.0714 |
| 32.4328819 | 16.03 | 17.8553 | 32.5394792 | 16.24 | 23.0303 | 32.6460764 | 16.2 | 22.113 |
| 32.4329977 | 16.09 | 21.6855 | 32.5395949 | 16.24 | 23.9766 | 32.6461921 | 16.22 | 22.0687 |
| 32.4331134 | 16.09 | 20.7105 | 32.5397107 | 16.23 | 21.9172 | 32.6463079 | 16.22 | 22.1187 |
| 32.4332292 | 16.09 | 20.5491 | 32.5398264 | 16.26 | 23.4432 | 32.6464236 | 16.22 | 22.183 |
| 32.4333449 | 16.09 | 20.7202 | 32.5399421 | 16.24 | 21.5038 | 32.6465394 | 16.22 | 22.1718 |
| 32.4334607 | 16.17 | 25.2058 | 32.5400579 | 16.24 | 22.5915 | 32.6466551 | 16.22 | 22.2223 |
| 32.4335764 | 16.05 | 17.7312 | 32.5401736 | 16.26 | 23.0612 | 32.6467708 | 16.22 | 22.2082 |
| 32.4336921 | 16.05 | 17.9289 | 32.5402894 | 16.24 | 23.9374 | 32.6468866 | 16.22 | 22.169 |
| 32.4338079 | 16.03 | 18.6935 | 32.5404051 | 16.26 | 23.841 | 32.6470023 | 16.22 | 22.2392 |
| 32.4339236 | 16.03 | 18.8717 | 32.5405208 | 16.26 | 23.9875 | 32.6471181 | 16.22 | 22.2985 |
| 32.4340394 | 16.06 | 19.5245 | 32.5406366 | 16.26 | 24.0795 | 32.6472338 | 16.23 | 22.3696 |
| 32.4341551 | 16.06 | 19.2078 | 32.5407523 | 16.26 | 24.1159 | 32.6473495 | 16.22 | 22.2872 |
| 32.4342708 | 16.02 | 17.1218 | 32.5408681 | 16.26 | 24.1324 | 32.6474653 | 16.23 | 22.3326 |
| 32.4343866 | 16.03 | 18.6037 | 32.5409838 | 16.26 | 24.2255 | 32.647581 | 16.22 | 22.2392 |
| 32.4345023 | 16.05 | 19.0541 | 32.5410995 | 16.26 | 24.55 | 32.6476968 | 16.22 | 22.1746 |
| 32.4346181 | 16.06 | 18.8117 | 32.5412153 | 16.27 | 24.7544 | 32.6478125 | 16.22 | 22.2026 |
| 32.4347338 | 16.03 | 17.4063 | 32.541331 | 16.26 | 24.8689 | 32.6479282 | 16.22 | 22.2026 |
| 32.4348495 | 16.06 | 19.5546 | 32.5414468 | 16.27 | 24.9684 | 32.648044 | 16.22 | 22.29 |
| 32.4349653 | 16.02 | 16.8374 | 32.5415625 | 16.26 | 24.9746 | 32.6481597 | 16.22 | 22.2392 |
| 32.435081 | 16.05 | 18.2405 | 32.5416782 | 16.27 | 24.9542 | 32.6482755 | 16.2 | 22.1941 |
| 32.4351968 | 16.03 | 17.8055 | 32.541794 | 16.27 | 24.7648 | 32.6483912 | 16.2 | 22.1047 |
| 32.4353125 | 16 | 16.8586 | 32.5419097 | 16.27 | 23.8157 | 32.6485069 | 16.2 | 22.1242 |
| 32.4354282 | 16.02 | 17.1646 | 32.5420255 | 16.27 | 23.7899 | 32.6486227 | 16.22 | 22.1438 |
| 32.435544 | 16 | 17.0275 | 32.5421412 | 16.27 | 24.3301 | 32.6487384 | 16.22 | 22.1774 |
| 32.4356597 | 16.02 | 17.8242 | 32.5422569 | 16.27 | 24.4484 | 32.6488542 | 16.2 | 22.1885 |
| 32.4357755 | 16.05 | 19.815 | 32.5423727 | 16.27 | 24.979 | 32.6489699 | 16.2 | 22.321 |
| 32.4358912 | 16.03 | 17.9487 | 32.5424884 | 16.27 | 24.7614 | 32.6490857 | 16.22 | 22.838 |
| 32.4360069 | 16.06 | 20.6077 | 32.5426042 | 16.27 | 24.3908 | 32.6492014 | 16.2 | 22.3864 |
| 32.4361227 | 16.02 | 16.7378 | 32.5427199 | 16.27 | 24.1895 | 32.6493171 | 16.22 | 22.324 |
| 32.4362384 | 15.97 | 14.8538 | 32.5428357 | 16.27 | 25.0286 | 32.6494329 | 16.2 | 22.1941 |
| 32.4363542 | 15.92 | 11.5622 | 32.5429514 | 16.27 | 24.2028 | 32.6495486 | 16.22 | 22.2589 |
| 32.4364699 | 15.97 | 16.8204 | 32.5430671 | 16.27 | 23.9717 | 32.6496644 | 16.22 | 22.2533 |
| 32.4365857 | 16.12 | 23.419 | 32.5431829 | 16.27 | 23.9423 | 32.6497801 | 16.22 | 22.2985 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4367014 | 16.16 | 24.3735 | 32.5432986 | 16.27 | 24.7544 | 32.6498958 | 16.22 | 22.2589 |
| 32.4368171 | 16.09 | 18.016 | 32.5434144 | 16.27 | 24.4314 | 32.6500116 | 16.22 | 22.3042 |
| 32.4369329 | 15.93 | 12.1478 | 32.5435301 | 16.27 | 24.1264 | 32.6501273 | 16.22 | 22.2279 |
| 32.4370486 | 16.09 | 21.3416 | 32.5436458 | 16.29 | 24.121 | 32.6502431 | 16.2 | 22.2644 |
| 32.4371644 | 16.07 | 20.7769 | 32.5437616 | 16.29 | 24.2374 | 32.6503588 | 16.2 | 22.1997 |
| 32.4372801 | 16.09 | 21.2311 | 32.5438773 | 16.27 | 24.2964 | 32.6504745 | 16.2 | 22.2334 |
| 32.4373958 | 16.06 | 19.6586 | 32.5439931 | 16.29 | 24.3955 | 32.6505903 | 16.2 | 22.304 |
| 32.4375116 | 16.09 | 20.6862 | 32.5441088 | 16.29 | 24.4192 | 32.650706 | 16.22 | 22.3098 |
| 32.4376273 | 16 | 16.5918 | 32.5442245 | 16.29 | 24.46 | 32.6508218 | 16.22 | 22.3042 |
| 32.4377431 | 16.05 | 19.8527 | 32.5443403 | 16.29 | 24.4668 | 32.6509375 | 16.22 | 22.324 |
| 32.4378588 | 16.05 | 19.5122 | 32.544456 | 16.3 | 24.4233 | 32.6510532 | 16.2 | 22.2644 |
| 32.4379745 | 16.03 | 18.0924 | 32.5445718 | 16.29 | 24.4736 | 32.651169 | 16.2 | 22.2898 |
| 32.4380903 | 16.03 | 17.9397 | 32.5446875 | 16.29 | 24.3719 | 32.6512847 | 16.2 | 22.3352 |
| 32.438206 | 16.06 | 19.5245 | 32.5448032 | 16.3 | 24.4131 | 32.6514005 | 16.22 | 22.3183 |
| 32.4383218 | 16.03 | 18.0412 | 32.544919 | 16.29 | 24.4294 | 32.6515162 | 16.2 | 22.3551 |
| 32.4384375 | 16.03 | 17.8108 | 32.5450347 | 16.29 | 24.443 | 32.6516319 | 16.2 | 22.2898 |
| 32.4385532 | 16.02 | 17.5699 | 32.5451505 | 16.29 | 24.426 | 32.6517477 | 16.2 | 22.1885 |
| 32.438669 | 16.03 | 18.5476 | 32.5452662 | 16.3 | 24.3725 | 32.6518634 | 16.19 | 22.1996 |
| 32.4387847 | 16.02 | 17.3616 | 32.5453819 | 16.29 | 24.4125 | 32.6519792 | 16.2 | 22.2447 |
| 32.4389005 | 16 | 17.3097 | 32.5454977 | 16.3 | 24.4948 | 32.6520949 | 16.22 | 22.4209 |
| 32.4390162 | 16.03 | 18.7387 | 32.5456134 | 16.3 | 24.5426 | 32.6522107 | 16.22 | 22.4209 |
| 32.4391319 | 16.06 | 19.6498 | 32.5457292 | 16.29 | 24.5556 | 32.6523264 | 16.22 | 22.4267 |
| 32.4392477 | 16.05 | 18.7569 | 32.5458449 | 16.3 | 24.5495 | 32.6524421 | 16.22 | 22.3695 |
| 32.4393634 | 16.05 | 18.7826 | 32.5459607 | 16.3 | 24.5495 | 32.6525579 | 16.2 | 22.4064 |
| 32.4394792 | 16.03 | 18.5688 | 32.5460764 | 16.3 | 24.5495 | 32.6526736 | 16.2 | 22.3153 |
| 32.4395949 | 16.03 | 18.7072 | 32.5461921 | 16.3 | 24.5324 | 32.6527894 | 16.2 | 22.2898 |
| 32.4397107 | 16.03 | 17.6733 | 32.5463079 | 16.3 | 24.4845 | 32.6529051 | 16.2 | 22.27 |
| 32.4398264 | 16.03 | 18.1199 | 32.5464236 | 16.3 | 24.3725 | 32.6530208 | 16.2 | 22.2503 |
| 32.4399421 | 16.05 | 18.5886 | 32.5465394 | 16.3 | 24.1947 | 32.6531366 | 16.2 | 22.2955 |
| 32.4400579 | 16.05 | 18.2461 | 32.5466551 | 16.3 | 24.3725 | 32.6532523 | 16.2 | 22.2955 |
| 32.4401736 | 16.03 | 18.1199 | 32.5467708 | 16.29 | 24.291 | 32.6533681 | 16.2 | 22.304 |
| 32.4402894 | 16.06 | 19.156 | 32.5468866 | 16.29 | 24.121 | 32.6534838 | 16.2 | 22.321 |
| 32.4404051 | 16.05 | 18.3778 | 32.5470023 | 16.3 | 24.1947 | 32.6535995 | 16.2 | 22.2955 |
| 32.4405208 | 16.06 | 19.4432 | 32.5471181 | 16.29 | 24.1144 | 32.6537153 | 16.19 | 22.2333 |
| 32.4406366 | 16.06 | 19.0391 | 32.5472338 | 16.3 | 24.178 | 32.653831 | 16.2 | 22.3408 |
| 32.4407523 | 16.06 | 19.7483 | 32.5473495 | 16.3 | 24.4539 | 32.6539468 | 16.2 | 22.2447 |
| 32.4408681 | 16.06 | 20.1272 | 32.5474653 | 16.29 | 24.1442 | 32.6540625 | 16.19 | 22.2165 |
| 32.4409838 | 16.07 | 20.1703 | 32.547581 | 16.29 | 23.3632 | 32.6541782 | 16.2 | 22.2193 |
| 32.4410995 | 16.06 | 19.711 | 32.5476968 | 16.3 | 23.7817 | 32.654294 | 16.2 | 22.2644 |
| 32.4412153 | 16.05 | 18.8983 | 32.5478125 | 16.29 | 23.999 | 32.6544097 | 16.2 | 22.3295 |
| 32.441331 | 16.06 | 20.5026 | 32.5479282 | 16.29 | 23.685 | 32.6545255 | 16.2 | 22.2447 |
| 32.4414468 | 16.05 | 18.7372 | 32.548044 | 16.29 | 23.6977 | 32.6546412 | 16.2 | 22.27 |
| 32.4415625 | 16.07 | 20.7087 | 32.5481597 | 16.3 | 23.9113 | 32.6547569 | 16.2 | 22.3295 |
| 32.4416782 | 16.06 | 19.6151 | 32.5482755 | 16.29 | 23.653 | 32.6548727 | 16.2 | 22.2757 |
| 32.441794 | 16.05 | 18.5557 | 32.5483912 | 16.3 | 23.7303 | 32.6549884 | 16.2 | 22.2193 |
| 32.4419097 | 16.06 | 19.5697 | 32.5485069 | 16.29 | 24.2241 | 32.6551042 | 16.2 | 22.2842 |
| 32.4420255 | 16.05 | 18.2929 | 32.5486227 | 16.29 | 23.999 | 32.6552199 | 16.2 | 22.2447 |
| 32.4421412 | 16.07 | 20.6386 | 32.5487384 | 16.29 | 23.2178 | 32.6553357 | 16.2 | 22.2587 |
| 32.4422569 | 16.05 | 18.3664 | 32.5488542 | 16.29 | 24.1077 | 32.6554514 | 16.2 | 22.2898 |
| 32.4423727 | 16.05 | 18.1921 | 32.5489699 | 16.29 | 24.121 | 32.6555671 | 16.2 | 22.2503 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4424884 | 16.07 | 20.37 | 32.5490857 | 16.29 | 23.2918 | 32.6556829 | 16.2 | 22.2531 |
| 32.4426042 | 16.06 | 19.4945 | 32.5492014 | 16.29 | 23.3352 | 32.6557986 | 16.2 | 22.321 |
| 32.4427199 | 16.05 | 18.6978 | 32.5493171 | 16.29 | 23.618 | 32.6559144 | 16.2 | 22.2644 |
| 32.4428357 | 16.06 | 19.6086 | 32.5494329 | 16.29 | 23.5958 | 32.6560301 | 16.2 | 22.27 |
| 32.4429514 | 16.06 | 19.8945 | 32.5495486 | 16.3 | 23.5804 | 32.6561458 | 16.2 | 22.3978 |
| 32.4430671 | 16.06 | 19.7681 | 32.5496644 | 16.3 | 23.5519 | 32.6562616 | 16.2 | 22.3096 |
| 32.4431829 | 16.03 | 17.5466 | 32.5497801 | 16.29 | 23.3042 | 32.6563773 | 16.2 | 22.2955 |
| 32.4432986 | 16 | 16.8062 | 32.5498958 | 16.29 | 23.5863 | 32.6564931 | 16.2 | 22.27 |
| 32.4434144 | 16.05 | 19.3654 | 32.5500116 | 16.29 | 23.5863 | 32.6566088 | 16.2 | 22.2757 |
| 32.4435301 | 15.99 | 15.9361 | 32.5501273 | 16.29 | 22.7685 | 32.6567245 | 16.2 | 22.2842 |
| 32.4436458 | 16.06 | 20.6921 | 32.5502431 | 16.29 | 22.7626 | 32.6568403 | 16.19 | 22.2643 |
| 32.4437616 | 15.99 | 15.4127 | 32.5503588 | 16.29 | 23.4069 | 32.656956 | 16.19 | 22.2756 |
| 32.4438773 | 16.03 | 18.8477 | 32.5504745 | 16.29 | 22.9684 | 32.6570718 | 16.2 | 22.3096 |
| 32.4439931 | 16.05 | 19.4311 | 32.5505903 | 16.29 | 22.7508 | 32.6571875 | 16.2 | 22.3011 |
| 32.4441088 | 16.03 | 17.4148 | 32.550706 | 16.27 | 22.595 | 32.6573032 | 16.19 | 22.3266 |
| 32.4442245 | 16.02 | 18.6981 | 32.5508218 | 16.29 | 22.6772 | 32.657419 | 16.19 | 22.412 |
| 32.4443403 | 16.02 | 17.8171 | 32.5509375 | 16.29 | 22.7567 | 32.6575347 | 16.2 | 22.3011 |
| 32.444456 | 16.07 | 20.7965 | 32.5510532 | 16.29 | 22.7774 | 32.6576505 | 16.2 | 22.3096 |
| 32.4445718 | 16 | 16.3283 | 32.551169 | 16.29 | 22.7567 | 32.6577662 | 16.2 | 22.2842 |
| 32.4446875 | 16.05 | 18.5499 | 32.5512847 | 16.29 | 22.9353 | 32.6578819 | 16.2 | 22.27 |
| 32.4448032 | 16.03 | 17.8804 | 32.5514005 | 16.29 | 22.8725 | 32.6579977 | 16.2 | 22.3153 |
| 32.444919 | 16.05 | 19.5058 | 32.5515162 | 16.29 | 22.8785 | 32.6581134 | 16.2 | 22.2842 |
| 32.4450347 | 16.03 | 18.5495 | 32.5516319 | 16.29 | 23.0499 | 32.6582292 | 16.19 | 22.2361 |
| 32.4451505 | 16.02 | 17.1812 | 32.5517477 | 16.3 | 24.0786 | 32.6583449 | 16.2 | 22.27 |
| 32.4452662 | 16.03 | 18.4995 | 32.5518634 | 16.3 | 24.2581 | 32.6584607 | 16.19 | 22.3464 |
| 32.4453819 | 16.02 | 17.7445 | 32.5519792 | 16.29 | 23.1077 | 32.6585764 | 16.19 | 22.3351 |
| 32.4454977 | 16.02 | 18.1965 | 32.5520949 | 16.3 | 23.5298 | 32.6586921 | 16.19 | 22.4177 |
| 32.4456134 | 16.03 | 18.3416 | 32.5522107 | 16.3 | 23.8269 | 32.6588079 | 16.2 | 22.4178 |
| 32.4457292 | 16.05 | 18.7589 | 32.5523264 | 16.3 | 24.0621 | 32.6589236 | 16.19 | 22.3606 |
| 32.4458449 | 16.05 | 18.8303 | 32.5524421 | 16.32 | 24.3536 | 32.6590394 | 16.2 | 22.3864 |
| 32.4459607 | 16.03 | 18.6465 | 32.5525579 | 16.3 | 24.1547 | 32.6591551 | 16.2 | 22.3608 |
| 32.4460764 | 16.05 | 18.9688 | 32.5526736 | 16.3 | 24.0456 | 32.6592708 | 16.2 | 22.3465 |
| 32.4461921 | 16.05 | 18.9627 | 32.5527894 | 16.3 | 24.1083 | 32.6593866 | 16.19 | 22.3863 |
| 32.4463079 | 16.05 | 18.8443 | 32.5529051 | 16.3 | 23.8496 | 32.6595023 | 16.19 | 22.2643 |
| 32.4464236 | 16.03 | 18.8597 | 32.5530208 | 16.3 | 23.7882 | 32.6596181 | 16.19 | 22.2643 |
| 32.4465394 | 16.05 | 18.991 | 32.5531366 | 16.3 | 24.0687 | 32.6597338 | 16.19 | 22.3067 |
| 32.4466551 | 16.05 | 19.1238 | 32.5532523 | 16.32 | 24.0106 | 32.6598495 | 16.19 | 22.4063 |
| 32.4467708 | 16.05 | 18.9809 | 32.5533681 | 16.32 | 23.8896 | 32.6599653 | 16.19 | 22.4034 |
| 32.4468866 | 16.05 | 18.9244 | 32.5534838 | 16.3 | 24.2414 | 32.660081 | 16.19 | 22.4578 |
| 32.4470023 | 16.05 | 18.9466 | 32.5535995 | 16.3 | 23.9113 | 32.6601968 | 16.2 | 22.4982 |
| 32.4471181 | 16.05 | 18.9728 | 32.5537153 | 16.3 | 23.9179 | 32.6603125 | 16.2 | 22.3864 |
| 32.4472338 | 16.05 | 18.9748 | 32.553831 | 16.32 | 24.4349 | 32.6604282 | 16.19 | 22.372 |
| 32.4473495 | 16.05 | 19.0561 | 32.5539468 | 16.3 | 24.4301 | 32.660544 | 16.2 | 22.3608 |
| 32.4474653 | 16.05 | 18.8682 | 32.5540625 | 16.3 | 23.5014 | 32.6606597 | 16.19 | 22.4177 |
| 32.447581 | 16.05 | 18.8542 | 32.5541782 | 16.3 | 23.4731 | 32.6607755 | 16.19 | 22.3039 |
| 32.4476968 | 16.03 | 18.142 | 32.554294 | 16.32 | 23.4175 | 32.6608912 | 16.19 | 22.3464 |
| 32.4478125 | 16.05 | 18.8283 | 32.5544097 | 16.3 | 23.4636 | 32.6610069 | 16.19 | 22.372 |
| 32.4479282 | 16.03 | 18.5495 | 32.5545255 | 16.3 | 23.3512 | 32.6611227 | 16.19 | 22.3294 |
| 32.448044 | 16.03 | 18.4059 | 32.5546412 | 16.3 | 23.023 | 32.6612384 | 16.19 | 22.3464 |
| 32.4481597 | 16.03 | 18.4726 | 32.5547569 | 16.3 | 23.0958 | 32.6613542 | 16.19 | 22.3977 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4482755 | 16.03 | 18.3453 | 32.5548727 | 16.3 | 22.7835 | 32.6614699 | 16.19 | 22.4693 |
| 32.4483912 | 16.03 | 18.3096 | 32.5549884 | 16.3 | 22.3477 | 32.6615857 | 16.19 | 22.4837 |
| 32.4485069 | 16.05 | 19.4226 | 32.5551042 | 16.3 | 22.3363 | 32.6617014 | 16.2 | 22.4838 |
| 32.4486227 | 16.02 | 16.8661 | 32.5552199 | 16.29 | 22.8576 | 32.6618171 | 16.19 | 22.5154 |
| 32.4487384 | 16.03 | 18.5033 | 32.5553357 | 16.32 | 23.2312 | 32.6619329 | 16.2 | 22.5242 |
| 32.4488542 | 16.03 | 18.4535 | 32.5554514 | 16.3 | 23.0533 | 32.6620486 | 16.19 | 22.4952 |
| 32.4489699 | 16.05 | 18.5056 | 32.5555671 | 16.3 | 23.166 | 32.6621644 | 16.17 | 22.3718 |
| 32.4490857 | 16.03 | 18.2889 | 32.5556829 | 16.3 | 22.834 | 32.6622801 | 16.19 | 22.4378 |
| 32.4492014 | 16.07 | 20.4548 | 32.5557986 | 16.3 | 22.7776 | 32.6623958 | 16.19 | 22.5298 |
| 32.4493171 | 16.03 | 17.0717 | 32.5559144 | 16.3 | 23.026 | 32.6625116 | 16.19 | 22.4636 |
| 32.4494329 | 16.03 | 18.5534 | 32.5560301 | 16.32 | 23.0418 | 32.6626273 | 16.19 | 22.4751 |
| 32.4495486 | 16.1 | 21.3595 | 32.5561458 | 16.3 | 23.2428 | 32.6627431 | 16.19 | 22.392 |
| 32.4496644 | 16.02 | 16.4562 | 32.5562616 | 16.3 | 22.9416 | 32.6628588 | 16.19 | 22.3977 |
| 32.4497801 | 16.05 | 18.989 | 32.5563773 | 16.3 | 23.0381 | 32.6629745 | 16.17 | 22.3718 |
| 32.4498958 | 16.05 | 18.1681 | 32.5564931 | 16.3 | 23.4731 | 32.6630903 | 16.17 | 22.3775 |
| 32.4500116 | 16 | 16.4736 | 32.5566088 | 16.3 | 22.9356 | 32.663206 | 16.19 | 22.4234 |
| 32.4501273 | 16.05 | 18.6548 | 32.5567245 | 16.32 | 22.9572 | 32.6633218 | 16.19 | 22.5154 |
| 32.4502431 | 16.02 | 17.3498 | 32.5568403 | 16.3 | 23.2274 | 32.6634375 | 16.19 | 22.5212 |
| 32.4503588 | 16 | 16.9065 | 32.556956 | 16.3 | 22.8787 | 32.6635532 | 16.19 | 22.5356 |
| 32.4504745 | 16.03 | 19.0657 | 32.5570718 | 16.32 | 22.8405 | 32.663669 | 16.19 | 22.5616 |
| 32.4505903 | 16.07 | 19.9186 | 32.5571875 | 16.32 | 22.7397 | 32.6637847 | 16.19 | 22.5703 |
| 32.450706 | 16.07 | 20.1818 | 32.5573032 | 16.3 | 22.8043 | 32.6639005 | 16.19 | 22.6547 |
| 32.4508218 | 16.05 | 18.0049 | 32.557419 | 16.3 | 22.6247 | 32.6640162 | 16.19 | 22.6139 |
| 32.4509375 | 16.03 | 17.6628 | 32.5575347 | 16.3 | 22.6774 | 32.6641319 | 16.19 | 22.7016 |
| 32.4510532 | 16.02 | 17.4413 | 32.5576505 | 16.32 | 22.3708 | 32.6642477 | 16.2 | 22.7547 |
| 32.451169 | 16.06 | 19.5438 | 32.5577662 | 16.3 | 22.613 | 32.6643634 | 16.2 | 22.7842 |
| 32.4512847 | 16.03 | 17.4437 | 32.5578819 | 16.32 | 23.8539 | 32.6644792 | 16.17 | 22.5324 |
| 32.4514005 | 16.05 | 19.3464 | 32.5579977 | 16.3 | 22.7924 | 32.6645949 | 16.19 | 22.4234 |
| 32.4515162 | 16.07 | 20.2511 | 32.5581134 | 16.3 | 23.4354 | 32.6647107 | 16.19 | 22.5414 |
| 32.4516319 | 16.05 | 18.1792 | 32.5582292 | 16.3 | 22.5984 | 32.6648264 | 16.19 | 22.5674 |
| 32.4517477 | 16.05 | 17.8607 | 32.5583449 | 16.3 | 22.7333 | 32.6649421 | 16.19 | 22.5732 |
| 32.4518634 | 16.07 | 20.1566 | 32.5584607 | 16.3 | 23.6185 | 32.6650579 | 16.19 | 22.5674 |
| 32.4519792 | 16.06 | 19.0147 | 32.5585764 | 16.32 | 22.7485 | 32.6651736 | 16.17 | 22.5556 |
| 32.4520949 | 16.06 | 18.8855 | 32.5586921 | 16.3 | 22.7984 | 32.6652894 | 16.17 | 22.4949 |
| 32.4522107 | 16.09 | 20.9017 | 32.5588079 | 16.32 | 23.5117 | 32.6654051 | 16.19 | 22.6285 |
| 32.4523264 | 16.09 | 20.2086 | 32.5589236 | 16.3 | 22.9687 | 32.6655208 | 16.19 | 22.7751 |
| 32.4524421 | 16.09 | 20.8425 | 32.5590394 | 16.32 | 22.8554 | 32.6656366 | 16.19 | 22.8492 |
| 32.4525579 | 16.09 | 21.0563 | 32.5591551 | 16.32 | 22.5522 | 32.6657523 | 16.19 | 22.8641 |
| 32.4526736 | 16.09 | 20.7008 | 32.5592708 | 16.3 | 22.5897 | 32.6658681 | 16.2 | 23.0141 |
| 32.4527894 | 16.07 | 20.3325 | 32.5593866 | 16.32 | 23.696 | 32.6659838 | 16.2 | 22.8375 |
| 32.4529051 | 16.1 | 21.2386 | 32.5595023 | 16.32 | 22.8018 | 32.6660995 | 16.2 | 22.8643 |
| 32.4530208 | 16.09 | 20.791 | 32.5596181 | 16.32 | 22.4683 | 32.6662153 | 16.19 | 22.8284 |
| 32.4531366 | 16.09 | 20.6959 | 32.5597338 | 16.32 | 23.0478 | 32.666331 | 16.19 | 22.8017 |
| 32.4532523 | 16.1 | 20.8891 | 32.5598495 | 16.32 | 23.1667 | 32.6664468 | 16.2 | 22.9809 |
| 32.4533681 | 16.09 | 21.094 | 32.5599653 | 16.3 | 23.4731 | 32.6665625 | 16.19 | 22.7427 |
| 32.4534838 | 16.09 | 21.2183 | 32.560081 | 16.32 | 22.9602 | 32.6666782 | 16.17 | 22.5729 |
| 32.4535995 | 16.1 | 21.041 | 32.5601968 | 16.32 | 23.4676 | 32.666794 | 16.19 | 22.6752 |
| 32.4537153 | 16.1 | 21.5028 | 32.5603125 | 16.32 | 23.696 | 32.6669097 | 16.19 | 22.8077 |
| 32.453831 | 16.12 | 21.9885 | 32.5604282 | 16.32 | 22.8197 | 32.6670255 | 16.19 | 22.7545 |
| 32.4539468 | 16.12 | 21.72 | 32.560544 | 16.32 | 22.672 | 32.6671412 | 16.17 | 22.8191 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4540625 | 16.13 | 21.9775 | 32.5606597 | 16.32 | 23.0904 | 32.6672569 | 16.2 | 22.9449 |
| 32.4541782 | 16.1 | 20.7613 | 32.5607755 | 16.32 | 22.7663 | 32.6673727 | 16.2 | 22.906 |
| 32.454294 | 16.09 | 20.5515 | 32.5608912 | 16.32 | 22.5784 | 32.6674884 | 16.2 | 22.8435 |
| 32.4544097 | 16.09 | 20.6452 | 32.5610069 | 16.3 | 22.9266 | 32.6676042 | 16.19 | 22.6811 |
| 32.4545255 | 16.07 | 20.0925 | 32.5611227 | 16.32 | 22.9452 | 32.6677199 | 16.17 | 22.6136 |
| 32.4546412 | 16.07 | 20.6797 | 32.5612384 | 16.32 | 22.4424 | 32.6678357 | 16.17 | 22.6252 |
| 32.4547569 | 16.07 | 20.2906 | 32.5613542 | 16.3 | 22.8251 | 32.6679514 | 16.17 | 22.6078 |
| 32.4548727 | 16.09 | 20.5922 | 32.5614699 | 16.32 | 23.6672 | 32.6680671 | 16.19 | 22.7545 |
| 32.4549884 | 16.09 | 20.7714 | 32.5615857 | 16.32 | 24.5956 | 32.6681829 | 16.19 | 22.9297 |
| 32.4551042 | 16.09 | 21.089 | 32.5617014 | 16.32 | 23.1882 | 32.6682986 | 16.19 | 23.0985 |
| 32.4552199 | 16.09 | 20.7665 | 32.5618171 | 16.32 | 23.2961 | 32.6684144 | 16.19 | 22.8641 |
| 32.4553357 | 16.09 | 20.327 | 32.5619329 | 16.32 | 23.4614 | 32.6685301 | 16.17 | 22.6573 |
| 32.4554514 | 16.07 | 20.4052 | 32.5620486 | 16.32 | 23.2744 | 32.6686458 | 16.17 | 22.5845 |
| 32.4555671 | 16.09 | 20.4209 | 32.5621644 | 16.32 | 23.3956 | 32.6687616 | 16.17 | 22.5932 |
| 32.4556829 | 16.07 | 19.7148 | 32.5622801 | 16.32 | 23.7538 | 32.6688773 | 16.17 | 22.8191 |
| 32.4557986 | 16.09 | 20.7275 | 32.5623958 | 16.32 | 24.0435 | 32.6689931 | 16.2 | 23.0715 |
| 32.4559144 | 16.07 | 19.9522 | 32.5625116 | 16.32 | 23.6736 | 32.6691088 | 16.19 | 22.9927 |
| 32.4560301 | 16.1 | 21.1494 | 32.5626273 | 16.32 | 23.5275 | 32.6692245 | 16.19 | 22.8849 |
| 32.4561458 | 16.07 | 19.4469 | 32.5627431 | 16.32 | 23.4112 | 32.6693403 | 16.19 | 22.8909 |
| 32.4562616 | 16.06 | 18.7049 | 32.5628588 | 16.32 | 23.6449 | 32.669456 | 16.17 | 22.8755 |
| 32.4563773 | 16.09 | 20.4233 | 32.5629745 | 16.33 | 24.8992 | 32.6695718 | 16.17 | 22.9232 |
| 32.4564931 | 16.07 | 20.1772 | 32.5630903 | 16.32 | 24.2293 | 32.6696875 | 16.17 | 22.9023 |
| 32.4566088 | 16.1 | 21.0787 | 32.563206 | 16.32 | 23.696 | 32.6698032 | 16.17 | 22.8487 |
| 32.4567245 | 16.09 | 20.0166 | 32.5633218 | 16.32 | 24.1062 | 32.669919 | 16.17 | 22.8339 |
| 32.4568403 | 16.09 | 20.3084 | 32.5634375 | 16.32 | 23.6067 | 32.6700347 | 16.17 | 22.7335 |
| 32.456956 | 16.09 | 20.334 | 32.5635532 | 16.32 | 23.9059 | 32.6701505 | 16.17 | 22.7511 |
| 32.4570718 | 16.1 | 20.6015 | 32.563669 | 16.32 | 23.8377 | 32.6702662 | 16.16 | 22.7509 |
| 32.4571875 | 16.09 | 21.3235 | 32.5637847 | 16.33 | 24.801 | 32.6703819 | 16.16 | 22.7186 |
| 32.4573032 | 16.1 | 20.8324 | 32.5639005 | 16.32 | 24.7967 | 32.6704977 | 16.16 | 22.7186 |
| 32.457419 | 16.1 | 21.0234 | 32.5640162 | 16.32 | 24.33 | 32.6706134 | 16.17 | 22.9292 |
| 32.4575347 | 16.12 | 21.4763 | 32.5641319 | 16.32 | 23.8962 | 32.6707292 | 16.17 | 22.9832 |
| 32.4576505 | 16.12 | 22.0878 | 32.5642477 | 16.33 | 24.3172 | 32.6708449 | 16.17 | 22.9982 |
| 32.4577662 | 16.12 | 21.0154 | 32.5643634 | 16.32 | 24.4587 | 32.6709607 | 16.17 | 23.0404 |
| 32.4578819 | 16.09 | 20.3014 | 32.5644792 | 16.33 | 24.2233 | 32.6710764 | 16.17 | 22.9232 |
| 32.4579977 | 16.1 | 21.375 | 32.5645949 | 16.33 | 23.735 | 32.6711921 | 16.17 | 23.0676 |
| 32.4581134 | 16.12 | 21.354 | 32.5647107 | 16.33 | 24.3071 | 32.6713079 | 16.17 | 22.9771 |
| 32.4582292 | 16.12 | 21.2433 | 32.5648264 | 16.33 | 24.5243 | 32.6714236 | 16.19 | 23.1655 |
| 32.4583449 | 16.12 | 21.1795 | 32.5649421 | 16.33 | 24.5243 | 32.6715394 | 16.17 | 23.0736 |
| 32.4584607 | 16.09 | 19.8662 | 32.5650579 | 16.32 | 24.2997 | 32.6716551 | 16.17 | 22.9352 |
| 32.4585764 | 16.12 | 22.1017 | 32.5651736 | 16.32 | 23.4394 | 32.6717708 | 16.16 | 22.8189 |
| 32.4586921 | 16.1 | 21.1825 | 32.5652894 | 16.32 | 23.7924 | 32.6718866 | 16.16 | 22.8991 |
| 32.4588079 | 16.1 | 21.388 | 32.5654051 | 16.33 | 23.7189 | 32.6720023 | 16.16 | 22.8604 |
| 32.4589236 | 16.13 | 22.1156 | 32.5655208 | 16.32 | 24.4349 | 32.6721181 | 16.17 | 22.8814 |
| 32.4590394 | 16.1 | 20.8594 | 32.5656366 | 16.32 | 24.4247 | 32.6722338 | 16.16 | 22.908 |
| 32.4591551 | 16.12 | 21.4241 | 32.5657523 | 16.33 | 23.9293 | 32.6723495 | 16.16 | 22.9349 |
| 32.4592708 | 16.12 | 21.6479 | 32.5658681 | 16.33 | 24.6619 | 32.6724653 | 16.16 | 22.9559 |
| 32.4593866 | 16.1 | 21.4531 | 32.5659838 | 16.33 | 24.7835 | 32.672581 | 16.16 | 22.92 |
| 32.4595023 | 16.12 | 21.994 | 32.5660995 | 16.33 | 24.1002 | 32.6726968 | 16.16 | 22.92 |
| 32.4596181 | 16.1 | 21.5107 | 32.5662153 | 16.32 | 23.68 | 32.6728125 | 16.16 | 22.926 |
| 32.4597338 | 16.1 | 21.7442 | 32.566331 | 16.32 | 24.027 | 32.6729282 | 16.16 | 22.923 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4598495 | 16.12 | 21.8493 | 32.5664468 | 16.33 | 23.9456 | 32.673044 | 16.16 | 22.914 |
| 32.4599653 | 16.1 | 21.7792 | 32.5665625 | 16.33 | 23.735 | 32.6731597 | 16.16 | 22.9559 |
| 32.460081 | 16.12 | 21.7334 | 32.5666782 | 16.33 | 23.4273 | 32.6732755 | 16.16 | 23.0039 |
| 32.4601968 | 16.1 | 21.3569 | 32.566794 | 16.33 | 23.0573 | 32.6733912 | 16.15 | 22.8721 |
| 32.4603125 | 16.09 | 21.1624 | 32.5669097 | 16.33 | 23.8156 | 32.6735069 | 16.16 | 22.908 |
| 32.4604282 | 16.05 | 17.8643 | 32.5670255 | 16.32 | 24.5304 | 32.6736227 | 16.16 | 22.9559 |
| 32.460544 | 16.07 | 19.4384 | 32.5671412 | 16.32 | 24.293 | 32.6737384 | 16.16 | 23.0734 |
| 32.4606597 | 16.19 | 26.0223 | 32.5672569 | 16.33 | 23.8707 | 32.6738542 | 16.17 | 23.1801 |
| 32.4607755 | 16.16 | 23.8006 | 32.5673727 | 16.32 | 22.4022 | 32.6739699 | 16.17 | 23.1923 |
| 32.4608912 | 16.12 | 22.2582 | 32.5674884 | 16.32 | 22.3679 | 32.6740857 | 16.17 | 23.1709 |
| 32.4610069 | 16.16 | 23.2749 | 32.5676042 | 16.32 | 23.6226 | 32.6742014 | 16.17 | 23.1252 |
| 32.4611227 | 16.13 | 22.1406 | 32.5677199 | 16.32 | 24.3773 | 32.6743171 | 16.17 | 22.9922 |
| 32.4612384 | 16.12 | 21.4241 | 32.5678357 | 16.32 | 23.8539 | 32.6744329 | 16.16 | 23.1067 |
| 32.4613542 | 16.09 | 20.0688 | 32.5679514 | 16.33 | 22.6194 | 32.6745486 | 16.16 | 23.1067 |
| 32.4614699 | 16.06 | 18.4378 | 32.5680671 | 16.32 | 23.68 | 32.6746644 | 16.16 | 23.1341 |
| 32.4615857 | 16.12 | 21.2203 | 32.5681829 | 16.32 | 23.8994 | 32.6747801 | 16.16 | 23.0915 |
| 32.4617014 | 16.12 | 21.7334 | 32.5682986 | 16.32 | 22.6602 | 32.6748958 | 16.16 | 23.0703 |
| 32.4618171 | 16.12 | 20.9704 | 32.5684144 | 16.32 | 23.38 | 32.6750116 | 16.16 | 23.1158 |
| 32.4619329 | 16.1 | 21.375 | 32.5685301 | 16.32 | 23.5845 | 32.6751273 | 16.17 | 23.1374 |
| 32.4620486 | 16.12 | 21.2101 | 32.5686458 | 16.32 | 23.8215 | 32.6752431 | 16.16 | 23.0946 |
| 32.4621644 | 16.1 | 21.041 | 32.5687616 | 16.33 | 23.4054 | 32.6753588 | 16.16 | 23.1828 |
| 32.4622801 | 16.1 | 19.6716 | 32.5688773 | 16.33 | 23.1273 | 32.6754745 | 16.15 | 23.0217 |
| 32.4623958 | 16.09 | 20.174 | 32.5689931 | 16.32 | 23.6513 | 32.6755903 | 16.15 | 23.0973 |
| 32.4625116 | 16.15 | 22.1994 | 32.5691088 | 16.32 | 23.5623 | 32.675706 | 16.16 | 23.1706 |
| 32.4626273 | 16.09 | 20.5946 | 32.5692245 | 16.32 | 23.712 | 32.6758218 | 16.16 | 23.192 |
| 32.4627431 | 16.1 | 20.7175 | 32.5693403 | 16.33 | 23.7801 | 32.6759375 | 16.16 | 23.1981 |
| 32.4628588 | 16.09 | 19.4627 | 32.569456 | 16.32 | 23.5718 | 32.6760532 | 16.16 | 23.2196 |
| 32.4629745 | 16.1 | 20.5943 | 32.5695718 | 16.32 | 23.4394 | 32.676169 | 16.17 | 23.2352 |
| 32.4630903 | 16.13 | 22.833 | 32.5696875 | 16.32 | 23.4237 | 32.6762847 | 16.16 | 23.192 |
| 32.463206 | 16.15 | 22.6745 | 32.5698032 | 16.32 | 23.4394 | 32.6764005 | 16.16 | 23.1767 |
| 32.4633218 | 16.13 | 21.4396 | 32.569919 | 16.33 | 23.6837 | 32.6765162 | 16.16 | 23.1981 |
| 32.4634375 | 16.1 | 20.7638 | 32.5700347 | 16.32 | 23.7699 | 32.6766319 | 16.15 | 23.1978 |
| 32.4635532 | 16.12 | 22.0712 | 32.5701505 | 16.32 | 23.4237 | 32.6767477 | 16.15 | 23.2315 |
| 32.463669 | 16.12 | 22.0022 | 32.5702662 | 16.32 | 23.3831 | 32.6768634 | 16.15 | 23.2807 |
| 32.4637847 | 16.12 | 21.6479 | 32.5703819 | 16.32 | 23.5117 | 32.6769792 | 16.16 | 23.2903 |
| 32.4639005 | 16.1 | 20.4205 | 32.5704977 | 16.32 | 23.4991 | 32.6770949 | 16.16 | 23.1981 |
| 32.4640162 | 16.12 | 21.5657 | 32.5706134 | 16.32 | 23.3302 | 32.6772107 | 16.15 | 23.2192 |
| 32.4641319 | 16.12 | 21.6319 | 32.5707292 | 16.32 | 23.3457 | 32.6773264 | 16.15 | 23.2162 |
| 32.4642477 | 16.09 | 20.6524 | 32.5708449 | 16.32 | 23.7249 | 32.6774421 | 16.16 | 23.1706 |
| 32.4643634 | 16.1 | 20.3641 | 32.5709607 | 16.32 | 22.6602 | 32.6775579 | 16.15 | 23.1825 |
| 32.4644792 | 16.12 | 21.8792 | 32.5710764 | 16.32 | 23.5338 | 32.6776736 | 16.13 | 23.118 |
| 32.4645949 | 16.15 | 22.5495 | 32.5711921 | 16.32 | 23.1698 | 32.6777894 | 16.15 | 23.1764 |
| 32.4647107 | 16.15 | 22.6424 | 32.5713079 | 16.32 | 22.8226 | 32.6779051 | 16.15 | 23.2131 |
| 32.4648264 | 16.15 | 22.9317 | 32.5714236 | 16.32 | 22.9663 | 32.6780208 | 16.16 | 23.2965 |
| 32.4649421 | 16.16 | 23.1676 | 32.5715394 | 16.32 | 22.8345 | 32.6781366 | 16.15 | 23.2684 |
| 32.4650579 | 16.16 | 23.0009 | 32.5716551 | 16.32 | 23.3956 | 32.6782523 | 16.16 | 23.2903 |
| 32.4651736 | 16.15 | 22.8959 | 32.5717708 | 16.32 | 22.8345 | 32.6783681 | 16.16 | 23.2749 |
| 32.4652894 | 16.16 | 23.3832 | 32.5718866 | 16.32 | 23.4175 | 32.6784838 | 16.15 | 23.253 |
| 32.4654051 | 16.13 | 21.5894 | 32.5720023 | 16.32 | 23.9516 | 32.6785995 | 16.15 | 23.2192 |
| 32.4655208 | 16.12 | 21.6319 | 32.5721181 | 16.32 | 24.0435 | 32.6787153 | 16.15 | 23.2622 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4656366 | 16.13 | 21.92 | 32.5722338 | 16.33 | 23.4618 | 32.678831 | 16.16 | 23.2196 |
| 32.4657523 | 16.15 | 22.3205 | 32.5723495 | 16.33 | 24.4288 | 32.6789468 | 16.13 | 23.237 |
| 32.4658681 | 16.12 | 21.6905 | 32.5724653 | 16.32 | 23.1759 | 32.6790625 | 16.15 | 23.2101 |
| 32.4659838 | 16.13 | 21.7709 | 32.572581 | 16.33 | 24.8816 | 32.6791782 | 16.13 | 23.2431 |
| 32.4660995 | 16.13 | 22.11 | 32.5726968 | 16.32 | 24.4757 | 32.679294 | 16.15 | 23.2254 |
| 32.4662153 | 16.15 | 22.6891 | 32.5728125 | 16.32 | 23.5781 | 32.6794097 | 16.15 | 23.2745 |
| 32.466331 | 16.15 | 22.3659 | 32.5729282 | 16.32 | 23.786 | 32.6795255 | 16.15 | 23.2407 |
| 32.4664468 | 16.13 | 22.2921 | 32.573044 | 16.32 | 23.9353 | 32.6796412 | 16.12 | 23.1086 |
| 32.4665625 | 16.13 | 22.1853 | 32.5731597 | 16.32 | 23.68 | 32.6797569 | 16.12 | 23.145 |
| 32.4666782 | 16.13 | 22.1546 | 32.5732755 | 16.32 | 23.7795 | 32.6798727 | 16.15 | 23.2469 |
| 32.466794 | 16.15 | 22.7743 | 32.5733912 | 16.32 | 23.3956 | 32.6799884 | 16.13 | 23.1728 |
| 32.4669097 | 16.15 | 22.2302 | 32.5735069 | 16.32 | 23.786 | 32.6801042 | 16.13 | 23.2923 |
| 32.4670255 | 16.15 | 22.4401 | 32.5736227 | 16.32 | 23.8896 | 32.6802199 | 16.15 | 23.3177 |
| 32.4671412 | 16.13 | 22.149 | 32.5737384 | 16.32 | 23.8896 | 32.6803357 | 16.15 | 23.3456 |
| 32.4672569 | 16.15 | 22.5293 | 32.5738542 | 16.32 | 23.5275 | 32.6804514 | 16.16 | 23.4549 |
| 32.4673727 | 16.15 | 22.4115 | 32.5739699 | 16.32 | 23.8831 | 32.6805671 | 16.15 | 23.4232 |
| 32.4674884 | 16.15 | 22.3546 | 32.5740857 | 16.32 | 23.8377 | 32.6806829 | 16.16 | 23.483 |
| 32.4676042 | 16.15 | 22.4115 | 32.5742014 | 16.32 | 23.6162 | 32.6807986 | 16.16 | 23.4987 |
| 32.4677199 | 16.13 | 21.8249 | 32.5743171 | 16.32 | 23.6226 | 32.6809144 | 16.16 | 23.4768 |
| 32.4678357 | 16.13 | 22.0795 | 32.5744329 | 16.3 | 23.9636 | 32.6810301 | 16.1 | 23.0808 |
| 32.4679514 | 16.15 | 22.3404 | 32.5745486 | 16.3 | 23.2798 | 32.6811458 | 16.09 | 23.0926 |
| 32.4680671 | 16.13 | 22.1351 | 32.5746644 | 16.32 | 23.9909 | | | |

DrEx 111

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 32.3843171 | 15.84 | 6.8427 | 32.4795718 | 16.25 | 21.3595 | 32.5748264 | 16.35 | 20.4169 |
| 32.3844329 | 15.88 | 6.8316 | 32.4796875 | 16.25 | 21.7031 | 32.5749421 | 16.36 | 20.9922 |
| 32.3845486 | 15.87 | 5.6159 | 32.4798032 | 16.27 | 22.1213 | 32.5750579 | 16.36 | 20.6739 |
| 32.3846644 | 15.89 | 7.6327 | 32.479919 | 16.27 | 22.6683 | 32.5751736 | 16.36 | 20.8883 |
| 32.3847801 | 15.87 | 5.3484 | 32.4800347 | 16.28 | 22.3613 | 32.5752894 | 16.36 | 20.9958 |
| 32.3848958 | 15.89 | 8.5916 | 32.4801505 | 16.28 | 22.638 | 32.5754051 | 16.35 | 21.0011 |
| 32.3850116 | 16.15 | 21.4751 | 32.4802662 | 16.28 | 22.6585 | 32.5755208 | 16.36 | 20.5405 |
| 32.3851273 | 15.99 | 11.1534 | 32.4803819 | 16.28 | 22.4888 | 32.5756366 | 16.36 | 20.3471 |
| 32.3852431 | 15.95 | 9.6538 | 32.4804977 | 16.28 | 22.8157 | 32.5757523 | 16.35 | 20.4257 |
| 32.3853588 | 15.91 | 7.6578 | 32.4806134 | 16.28 | 22.918 | 32.5758681 | 16.36 | 20.6436 |
| 32.3854745 | 15.88 | 5.6632 | 32.4807292 | 16.28 | 22.3031 | 32.5759838 | 16.35 | 20.7167 |
| 32.3855903 | 15.87 | 4.0518 | 32.4808449 | 16.27 | 21.9892 | 32.5760995 | 16.35 | 19.2818 |
| 32.385706 | 15.85 | 3.6944 | 32.4809607 | 16.25 | 21.8053 | 32.5762153 | 16.33 | 17.6922 |
| 32.3858218 | 15.87 | 4.5583 | 32.4810764 | 16.25 | 21.7069 | 32.576331 | 16.35 | 18.7859 |
| 32.3859375 | 15.83 | 2.9979 | 32.4811921 | 16.25 | 21.6704 | 32.5764468 | 16.35 | 20.2912 |
| 32.3860532 | 15.89 | 6.3787 | 32.4813079 | 16.25 | 21.8034 | 32.5765625 | 16.35 | 19.0571 |
| 32.386169 | 15.88 | 4.7694 | 32.4814236 | 16.28 | 22.8261 | 32.5766782 | 16.36 | 19.4429 |
| 32.3862847 | 15.87 | 5.7093 | 32.4815394 | 16.28 | 22.4746 | 32.576794 | 16.36 | 19.9716 |
| 32.3864005 | 15.85 | 4.1072 | 32.4816551 | 16.27 | 22.0699 | 32.5769097 | 16.36 | 20.4981 |
| 32.3865162 | 15.85 | 3.3437 | 32.4817708 | 16.25 | 22.0277 | 32.5770255 | 16.36 | 19.6772 |
| 32.3866319 | 15.87 | 4.3608 | 32.4818866 | 16.27 | 22.3669 | 32.5771412 | 16.36 | 19.9393 |
| 32.3867477 | 15.89 | 6.4479 | 32.4820023 | 16.27 | 22.6149 | 32.5772569 | 16.36 | 19.3175 |
| 32.3868634 | 15.87 | 4.8945 | 32.4821181 | 16.28 | 22.6031 | 32.5773727 | 16.36 | 19.5629 |
| 32.3869792 | 16 | 13.3152 | 32.4822338 | 16.27 | 22.4113 | 32.5774884 | 16.36 | 19.161 |
| 32.3870949 | 15.91 | 5.8125 | 32.4823495 | 16.28 | 22.3674 | 32.5776042 | 16.36 | 19.6457 |
| 32.3872107 | 15.91 | 6.5899 | 32.4824653 | 16.27 | 22.2745 | 32.5777199 | 16.36 | 20.1891 |
| 32.3873264 | 15.88 | 4.3091 | 32.482581 | 16.27 | 22.0679 | 32.5778357 | 16.37 | 20.9304 |
| 32.3874421 | 15.87 | 3.6541 | 32.4826968 | 16.27 | 21.8254 | 32.5779514 | 16.35 | 18.677 |
| 32.3875579 | 15.93 | 9.1857 | 32.4828125 | 16.25 | 21.6839 | 32.5780671 | 16.35 | 18.5152 |
| 32.3876736 | 15.91 | 7.2182 | 32.4829282 | 16.25 | 21.7628 | 32.5781829 | 16.36 | 19.4576 |
| 32.3877894 | 15.88 | 5.1235 | 32.483044 | 16.25 | 21.9063 | 32.5782986 | 16.36 | 19.6689 |
| 32.3879051 | 15.85 | 3.4041 | 32.4831597 | 16.25 | 21.8266 | 32.5784144 | 16.37 | 21.35 |
| 32.3880208 | 15.85 | 3.4031 | 32.4832755 | 16.25 | 21.6666 | 32.5785301 | 16.35 | 18.6383 |
| 32.3881366 | 15.85 | 3.1831 | 32.4833912 | 16.25 | 21.6666 | 32.5786458 | 16.36 | 19.6042 |
| 32.3882523 | 15.85 | 3.5178 | 32.4835069 | 16.25 | 21.5578 | 32.5787616 | 16.36 | 19.8077 |
| 32.3883681 | 15.84 | 3.1051 | 32.4836227 | 16.24 | 21.1158 | 32.5788773 | 16.36 | 20.177 |
| 32.3884838 | 15.84 | 3.239 | 32.4837384 | 16.25 | 21.4046 | 32.5789931 | 16.36 | 19.941 |
| 32.3885995 | 15.84 | 2.967 | 32.4838542 | 16.24 | 21.393 | 32.5791088 | 16.31 | 12.5632 |
| 32.3887153 | 15.83 | 2.9988 | 32.4839699 | 16.24 | 21.2732 | 32.5792245 | 16.35 | 18.8469 |
| 32.388831 | 16.01 | 15.5392 | 32.4840857 | 16.24 | 21.2509 | 32.5793403 | 16.36 | 20.6347 |
| 32.3889468 | 15.89 | 5.3718 | 32.4842014 | 16.24 | 21.3424 | 32.579456 | 16.36 | 20.7241 |
| 32.3890625 | 15.87 | 4.4037 | 32.4843171 | 16.24 | 21.3573 | 32.5795718 | 16.36 | 20.2826 |
| 32.3891782 | 15.89 | 5.5027 | 32.4844329 | 16.24 | 21.378 | 32.5796875 | 16.33 | 8.5784 |
| 32.389294 | 15.87 | 3.7892 | 32.4845486 | 16.24 | 21.3293 | 32.5798032 | 16.35 | 18.2827 |
| 32.3894097 | 15.93 | 9.3829 | 32.4846644 | 16.24 | 21.2546 | 32.579919 | 16.35 | 18.9303 |
| 32.3895255 | 15.99 | 12.1199 | 32.4847801 | 16.24 | 21.4231 | 32.5800347 | 16.33 | 16.1013 |
| 32.3896412 | 16.12 | 18.9649 | 32.4848958 | 16.23 | 20.9744 | 32.5801505 | 16.35 | 18.3477 |
| 32.3897569 | 16.11 | 17.9549 | 32.4850116 | 16.23 | 20.9871 | 32.5802662 | 16.35 | 19.6257 |
| 32.3898727 | 16.07 | 15.0588 | 32.4851273 | 16.21 | 20.3656 | 32.5803819 | 16.35 | 18.8925 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3899884 | 16.16 | 20.3963 | 32.4852431 | 16.24 | 21.3573 | 32.5804977 | 16.35 | 18.9714 |
| 32.3901042 | 16.15 | 16.1255 | 32.4853588 | 16.23 | 21.3178 | 32.5806134 | 16.35 | 18.4632 |
| 32.3902199 | 16.12 | 17.5128 | 32.4854745 | 16.23 | 21.1505 | 32.5807292 | 16.36 | 18.8674 |
| 32.3903357 | 16.17 | 20.7686 | 32.4855903 | 16.23 | 20.9016 | 32.5808449 | 16.36 | 19.1787 |
| 32.3904514 | 16.04 | 12.4285 | 32.485706 | 16.23 | 20.3433 | 32.5809607 | 16.36 | 19.1738 |
| 32.3905671 | 16.2 | 21.6707 | 32.4858218 | 16.23 | 20.8292 | 32.5810764 | 16.36 | 19.2802 |
| 32.3906829 | 16 | 10.4641 | 32.4859375 | 16.23 | 20.8744 | 32.5811921 | 16.33 | 11.5391 |
| 32.3907986 | 16.2 | 21.7726 | 32.4860532 | 16.23 | 21.0548 | 32.5813079 | 16.31 | 5.527 |
| 32.3909144 | 16.17 | 20.3302 | 32.486169 | 16.23 | 21.2172 | 32.5814236 | 16.36 | 19.6407 |
| 32.3910301 | 16.21 | 21.5546 | 32.4862847 | 16.24 | 21.3386 | 32.5815394 | 16.36 | 21.821 |
| 32.3911458 | 16.19 | 20.7744 | 32.4864005 | 16.24 | 21.3968 | 32.5816551 | 16.36 | 19.0906 |
| 32.3912616 | 16.16 | 19.784 | 32.4865162 | 16.24 | 21.4816 | 32.5817708 | 16.36 | 19.6739 |
| 32.3913773 | 16.16 | 19.7189 | 32.4866319 | 16.24 | 21.393 | 32.5818866 | 16.36 | 19.1082 |
| 32.3914931 | 16.13 | 18.5479 | 32.4867477 | 16.24 | 21.3874 | 32.5820023 | 16.35 | 16.3767 |
| 32.3916088 | 16 | 11.6304 | 32.4868634 | 16.23 | 20.9016 | 32.5821181 | 16.36 | 18.2827 |
| 32.3917245 | 16.11 | 18.6789 | 32.4869792 | 16.09 | 9.3377 | 32.5822338 | 16.36 | 18.1581 |
| 32.3918403 | 16.27 | 22.9678 | 32.4870949 | 16.2 | 18.894 | 32.5823495 | 16.37 | 20.2898 |
| 32.391956 | 16.24 | 22.416 | 32.4872107 | 16.27 | 22.1074 | 32.5824653 | 16.36 | 18.9746 |
| 32.3920718 | 16.16 | 19.1572 | 32.4873264 | 16.23 | 20.227 | 32.582581 | 16.36 | 20.0226 |
| 32.3921875 | 16.12 | 17.4317 | 32.4874421 | 16.25 | 21.7898 | 32.5826968 | 16.36 | 17.5452 |
| 32.3923032 | 16.08 | 15.9927 | 32.4875579 | 16.28 | 22.9894 | 32.5828125 | 16.36 | 18.5982 |
| 32.392419 | 16.11 | 18.0879 | 32.4876736 | 16.31 | 23.4317 | 32.5829282 | 16.36 | 17.8696 |
| 32.3925347 | 16.11 | 17.0603 | 32.4877894 | 16.31 | 23.4426 | 32.583044 | 16.35 | 17.7559 |
| 32.3926505 | 16.07 | 13.348 | 32.4879051 | 16.32 | 23.9228 | 32.5831597 | 16.36 | 19.2657 |
| 32.3927662 | 16.07 | 15.0381 | 32.4880208 | 16.32 | 24.0469 | 32.5832755 | 16.35 | 12.4138 |
| 32.3928819 | 16.08 | 16.6563 | 32.4881366 | 16.33 | 24.1227 | 32.5833912 | 16.36 | 17.7384 |
| 32.3929977 | 16.11 | 17.1798 | 32.4882523 | 16.32 | 23.6645 | 32.5835069 | 16.35 | 19.2188 |
| 32.3931134 | 16.09 | 17.6666 | 32.4883681 | 16.35 | 24.2663 | 32.5836227 | 16.36 | 19.3321 |
| 32.3932292 | 16.11 | 17.5945 | 32.4884838 | 16.35 | 24.2433 | 32.5837384 | 16.36 | 18.0465 |
| 32.3933449 | 16.09 | 16.9323 | 32.4885995 | 16.35 | 24.186 | 32.5838542 | 16.36 | 17.4012 |
| 32.3934607 | 16.11 | 17.2302 | 32.4887153 | 16.2 | 13.627 | 32.5839699 | 16.36 | 16.8938 |
| 32.3935764 | 16.08 | 16.663 | 32.488831 | 16.21 | 18.9538 | 32.5840857 | 16.36 | 15.8418 |
| 32.3936921 | 16.05 | 15.0262 | 32.4889468 | 16.27 | 21.8973 | 32.5842014 | 16.36 | 17.3333 |
| 32.3938079 | 16.08 | 15.3934 | 32.4890625 | 16.29 | 23.0659 | 32.5843171 | 16.36 | 18.6615 |
| 32.3939236 | 16.04 | 13.035 | 32.4891782 | 16.28 | 22.245 | 32.5844329 | 16.36 | 20.0073 |
| 32.3940394 | 15.97 | 8.8413 | 32.489294 | 16.28 | 21.9641 | 32.5845486 | 16.36 | 19.8699 |
| 32.3941551 | 16.03 | 12.9154 | 32.4894097 | 16.25 | 20.2757 | 32.5846644 | 16.36 | 19.7356 |
| 32.3942708 | 16.05 | 14.7119 | 32.4895255 | 16.17 | 13.9647 | 32.5847801 | 16.37 | 19.4495 |
| 32.3943866 | 16.08 | 15.9489 | 32.4896412 | 16.24 | 20.6679 | 32.5848958 | 16.37 | 18.3567 |
| 32.3945023 | 16.12 | 18.525 | 32.4897569 | 16.17 | 13.8771 | 32.5850116 | 16.37 | 18.8721 |
| 32.3946181 | 16.16 | 20.5794 | 32.4898727 | 16.16 | 13.2983 | 32.5851273 | 16.37 | 19.7608 |
| 32.3947338 | 16.12 | 18.2206 | 32.4899884 | 16.16 | 14.4506 | 32.5852431 | 16.37 | 19.9938 |
| 32.3948495 | 16.04 | 13.1696 | 32.4901042 | 16.21 | 19.0139 | 32.5853588 | 16.37 | 19.9666 |
| 32.3949653 | 15.97 | 9.5058 | 32.4902199 | 16.25 | 21.5065 | 32.5854745 | 16.36 | 14.8743 |
| 32.395081 | 15.96 | 7.6323 | 32.4903357 | 16.31 | 23.2354 | 32.5855903 | 16.37 | 17.7021 |
| 32.3951968 | 15.99 | 9.8466 | 32.4904514 | 16.33 | 23.6873 | 32.585706 | 16.37 | 19.9309 |
| 32.3953125 | 16.04 | 13.4962 | 32.4905671 | 16.28 | 22.4442 | 32.5858218 | 16.37 | 20.9176 |
| 32.3954282 | 16.01 | 12.194 | 32.4906829 | 16.27 | 20.9443 | 32.5859375 | 16.39 | 21.7583 |
| 32.395544 | 16.08 | 17.5475 | 32.4907986 | 16.24 | 20.0297 | 32.5860532 | 16.37 | 20.9906 |
| 32.3956597 | 16.09 | 15.9436 | 32.4909144 | 16.21 | 19.1301 | 32.586169 | 16.39 | 19.3274 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3957755 | 16.12 | 18.8423 | 32.4910301 | 16.25 | 20.6699 | 32.5862847 | 16.39 | 19.7393 |
| 32.3958912 | 16.01 | 11.082 | 32.4911458 | 16.28 | 21.9465 | 32.5864005 | 16.39 | 20.2797 |
| 32.3960069 | 16.08 | 16.6711 | 32.4912616 | 16.27 | 20.8464 | 32.5865162 | 16.39 | 19.938 |
| 32.3961227 | 16.08 | 16.5877 | 32.4913773 | 16.23 | 18.3466 | 32.5866319 | 16.39 | 19.399 |
| 32.3962384 | 16.11 | 17.9358 | 32.4914931 | 16.25 | 21.3352 | 32.5867477 | 16.39 | 19.2949 |
| 32.3963542 | 16.12 | 18.4122 | 32.4916088 | 16.25 | 21.3595 | 32.5868634 | 16.39 | 18.0864 |
| 32.3964699 | 16.09 | 16.4154 | 32.4917245 | 16.24 | 19.8199 | 32.5869792 | 16.39 | 18.1177 |
| 32.3965857 | 16.12 | 18.4944 | 32.4918403 | 16.24 | 19.9244 | 32.5870949 | 16.39 | 16.8607 |
| 32.3967014 | 16.09 | 16.5487 | 32.491956 | 16.21 | 18.7719 | 32.5872107 | 16.37 | 16.865 |
| 32.3968171 | 16.12 | 19.2181 | 32.4920718 | 16.15 | 12.7233 | 32.5873264 | 16.37 | 17.4837 |
| 32.3969329 | 16.13 | 18.3319 | 32.4921875 | 16.19 | 17.5637 | 32.5874421 | 16.37 | 17.5294 |
| 32.3970486 | 16.13 | 19.006 | 32.4923032 | 16.25 | 22.0336 | 32.5875579 | 16.37 | 16.3633 |
| 32.3971644 | 16.15 | 19.2214 | 32.492419 | 16.25 | 21.1234 | 32.5876736 | 16.39 | 18.7625 |
| 32.3972801 | 16.11 | 15.6501 | 32.4925347 | 16.31 | 23.1117 | 32.5877894 | 16.39 | 18.2585 |
| 32.3973958 | 16.17 | 20.7578 | 32.4926505 | 16.35 | 24.2847 | 32.5879051 | 16.39 | 19.583 |
| 32.3975116 | 16.15 | 19.7957 | 32.4927662 | 16.29 | 22.5117 | 32.5880208 | 16.39 | 20.4335 |
| 32.3976273 | 16.17 | 20.5654 | 32.4928819 | 16.25 | 20.2931 | 32.5881366 | 16.37 | 19.2657 |
| 32.3977431 | 16.15 | 19.4369 | 32.4929977 | 16.25 | 20.6539 | 32.5882523 | 16.37 | 19.838 |
| 32.3978588 | 16.15 | 19.3555 | 32.4931134 | 16.21 | 18.4316 | 32.5883681 | 16.37 | 18.6368 |
| 32.3979745 | 16.16 | 19.9541 | 32.4932292 | 16.24 | 19.8653 | 32.5884838 | 16.39 | 20.3284 |
| 32.3980903 | 16.16 | 19.5336 | 32.4933449 | 16.2 | 16.7021 | 32.5885995 | 16.37 | 18.1581 |
| 32.398206 | 16.17 | 20.5689 | 32.4934607 | 16.19 | 15.8551 | 32.5887153 | 16.37 | 15.9714 |
| 32.3983218 | 16.16 | 19.5945 | 32.4935764 | 16.17 | 15.6607 | 32.588831 | 16.37 | 12.2368 |
| 32.3984375 | 16.16 | 20.1571 | 32.4936921 | 16.23 | 19.1526 | 32.5889468 | 16.37 | 11.2492 |
| 32.3985532 | 16.17 | 20.4613 | 32.4938079 | 16.21 | 18.719 | 32.5890625 | 16.37 | 17.1272 |
| 32.398669 | 16.16 | 19.4434 | 32.4939236 | 16.21 | 18.031 | 32.5891782 | 16.37 | 16.6262 |
| 32.3987847 | 16.15 | 19.0504 | 32.4940394 | 16.21 | 18.6988 | 32.589294 | 16.37 | 19.2754 |
| 32.3989005 | 16.16 | 19.5073 | 32.4941551 | 16.24 | 20.333 | 32.5894097 | 16.37 | 18.9857 |
| 32.3990162 | 16.13 | 18.3032 | 32.4942708 | 16.27 | 22.3046 | 32.5895255 | 16.37 | 16.0062 |
| 32.3991319 | 16.05 | 14.8256 | 32.4943866 | 16.25 | 21.6973 | 32.5896412 | 16.37 | 13.7282 |
| 32.3992477 | 16.17 | 20.8045 | 32.4945023 | 16.23 | 19.3087 | 32.5897569 | 16.37 | 16.014 |
| 32.3993634 | 16.15 | 19.3571 | 32.4946181 | 16.21 | 18.6524 | 32.5898727 | 16.39 | 17.7804 |
| 32.3994792 | 16.12 | 18.125 | 32.4947338 | 16.24 | 20.2409 | 32.5899884 | 16.37 | 14.9926 |
| 32.3995949 | 16.19 | 20.7277 | 32.4948495 | 16.23 | 19.3704 | 32.5901042 | 16.39 | 14.7553 |
| 32.3997107 | 16.07 | 14.3437 | 32.4949653 | 16.24 | 19.7379 | 32.5902199 | 16.37 | 14.6733 |
| 32.3998264 | 16.09 | 17.0591 | 32.495081 | 16.25 | 20.7469 | 32.5903357 | 16.37 | 17.4395 |
| 32.3999421 | 16.15 | 19.6027 | 32.4951968 | 16.24 | 19.9837 | 32.5904514 | 16.39 | 17.4735 |
| 32.4000579 | 16.08 | 14.8746 | 32.4953125 | 16.24 | 19.7145 | 32.5905671 | 16.37 | 12.4618 |
| 32.4001736 | 15.99 | 8.7132 | 32.4954282 | 16.25 | 21.0829 | 32.5906829 | 16.39 | 15.7268 |
| 32.4002894 | 15.93 | 6.933 | 32.495544 | 16.25 | 21.3202 | 32.5907986 | 16.39 | 19.2593 |
| 32.4004051 | 15.97 | 7.9595 | 32.4956597 | 16.25 | 21.5426 | 32.5909144 | 16.37 | 15.7054 |
| 32.4005208 | 16.13 | 20.0968 | 32.4957755 | 16.28 | 22.1157 | 32.5910301 | 16.39 | 13.3197 |
| 32.4006366 | 16.07 | 15.7278 | 32.4958912 | 16.28 | 22.0683 | 32.5911458 | 16.39 | 15.9905 |
| 32.4007523 | 16.16 | 20.4243 | 32.4960069 | 16.27 | 21.7693 | 32.5912616 | 16.37 | 13.6296 |
| 32.4008681 | 16.16 | 19.927 | 32.4961227 | 16.27 | 21.7751 | 32.5913773 | 16.39 | 19.1579 |
| 32.4009838 | 16.13 | 18.2957 | 32.4962384 | 16.27 | 21.7616 | 32.5914931 | 16.39 | 9.5791 |
| 32.4010995 | 16.08 | 15.2227 | 32.4963542 | 16.23 | 19.1654 | 32.5916088 | 16.37 | 14.429 |
| 32.4012153 | 16.15 | 19.146 | 32.4964699 | 16.24 | 18.1228 | 32.5917245 | 16.39 | 18.9131 |
| 32.401331 | 16.05 | 14.2961 | 32.4965857 | 16.25 | 20.9767 | 32.5918403 | 16.37 | 16.3884 |
| 32.4014468 | 16.13 | 19.2149 | 32.4967014 | 16.28 | 21.7696 | 32.591956 | 16.39 | 15.3095 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4015625 | 16.07 | 11.6869 | 32.4968171 | 16.27 | 21.4391 | 32.5920718 | 16.37 | 15.4314 |
| 32.4016782 | 16.07 | 13.4163 | 32.4969329 | 16.24 | 20.4572 | 32.5921875 | 16.39 | 18.3673 |
| 32.401794 | 16.23 | 22.4986 | 32.4970486 | 16.25 | 20.403 | 32.5923032 | 16.4 | 17.4749 |
| 32.4019097 | 16.27 | 23.2179 | 32.4971644 | 16.21 | 18.0176 | 32.592419 | 16.39 | 20.971 |
| 32.4020255 | 16.11 | 14.3948 | 32.4972801 | 16.25 | 21.1918 | 32.5925347 | 16.4 | 17.0422 |
| 32.4021412 | 16.08 | 17.4392 | 32.4973958 | 16.25 | 20.5703 | 32.5926505 | 16.39 | 21.5092 |
| 32.4022569 | 16.21 | 22.4106 | 32.4975116 | 16.25 | 20.9548 | 32.5927662 | 16.4 | 18.4479 |
| 32.4023727 | 16.12 | 15.3992 | 32.4976273 | 16.24 | 20.4273 | 32.5928819 | 16.4 | 18.506 |
| 32.4024884 | 16.2 | 21.619 | 32.4977431 | 16.27 | 21.7115 | 32.5929977 | 16.4 | 16.7272 |
| 32.4026042 | 16.21 | 22.1287 | 32.4978588 | 16.27 | 21.1331 | 32.5931134 | 16.39 | 19.9651 |
| 32.4027199 | 16.24 | 22.5622 | 32.4979745 | 16.25 | 20.8062 | 32.5932292 | 16.4 | 18.0433 |
| 32.4028357 | 16.24 | 22.1458 | 32.4980903 | 16.27 | 21.3995 | 32.5933449 | 16.4 | 17.846 |
| 32.4029514 | 16.2 | 20.2993 | 32.498206 | 16.25 | 21.1363 | 32.5934607 | 16.4 | 13.2496 |
| 32.4030671 | 16.17 | 19.9153 | 32.4983218 | 16.25 | 20.4398 | 32.5935764 | 16.4 | 15.2687 |
| 32.4031829 | 16.16 | 18.4668 | 32.4984375 | 16.25 | 21.0884 | 32.5936921 | 16.4 | 14.2575 |
| 32.4032986 | 16.24 | 22.7575 | 32.4985532 | 16.25 | 20.588 | 32.5938079 | 16.4 | 14.6374 |
| 32.4034144 | 16.24 | 22.1339 | 32.498669 | 16.24 | 20.659 | 32.5939236 | 16.4 | 14.3109 |
| 32.4035301 | 16.25 | 22.8182 | 32.4987847 | 16.25 | 20.3732 | 32.5940394 | 16.4 | 14.5758 |
| 32.4036458 | 16.13 | 17.3311 | 32.4989005 | 16.28 | 21.7503 | 32.5941551 | 16.4 | 12.6718 |
| 32.4037616 | 16.17 | 20.3511 | 32.4990162 | 16.25 | 21.0921 | 32.5942708 | 16.4 | 14.2401 |
| 32.4038773 | 16.23 | 22.0033 | 32.4991319 | 16.27 | 21.8915 | 32.5943866 | 16.4 | 14.8175 |
| 32.4039931 | 16.21 | 21.1685 | 32.4992477 | 16.27 | 21.4882 | 32.5945023 | 16.4 | 15.775 |
| 32.4041088 | 16.21 | 21.4109 | 32.4993634 | 16.28 | 22.1395 | 32.5946181 | 16.4 | 17.6932 |
| 32.4042245 | 16.16 | 19.2455 | 32.4994792 | 16.27 | 21.2257 | 32.5947338 | 16.4 | 17.6412 |
| 32.4043403 | 16.13 | 17.3919 | 32.4995949 | 16.27 | 21.1258 | 32.5948495 | 16.41 | 17.2078 |
| 32.404456 | 16.17 | 20.5813 | 32.4997107 | 16.24 | 20.234 | 32.5949653 | 16.41 | 16.8742 |
| 32.4045718 | 16.12 | 15.5831 | 32.4998264 | 16.24 | 19.8502 | 32.595081 | 16.41 | 16.7597 |
| 32.4046875 | 16.15 | 19.9557 | 32.4999421 | 16.27 | 21.5148 | 32.5951968 | 16.41 | 15.817 |
| 32.4048032 | 16.25 | 22.7809 | 32.5000579 | 16.29 | 22.3075 | 32.5953125 | 16.41 | 16.9662 |
| 32.404919 | 16.08 | 16.3071 | 32.5001736 | 16.28 | 22.1534 | 32.5954282 | 16.41 | 17.1966 |
| 32.4050347 | 16.12 | 18.2296 | 32.5002894 | 16.29 | 22.8079 | 32.595544 | 16.41 | 16.4677 |
| 32.4051505 | 16.2 | 21.1295 | 32.5004051 | 16.28 | 21.9367 | 32.5956597 | 16.41 | 15.7762 |
| 32.4052662 | 16.01 | 8.1549 | 32.5005208 | 16.29 | 22.1538 | 32.5957755 | 16.41 | 16.0966 |
| 32.4053819 | 16 | 9.8791 | 32.5006366 | 16.27 | 21.3714 | 32.5958912 | 16.4 | 15.8018 |
| 32.4054977 | 16.2 | 21.5486 | 32.5007523 | 16.27 | 21.4561 | 32.5960069 | 16.41 | 15.6556 |
| 32.4056134 | 16.24 | 22.9661 | 32.5008681 | 16.27 | 21.3901 | 32.5961227 | 16.41 | 15.1494 |
| 32.4057292 | 16.27 | 23.2457 | 32.5009838 | 16.27 | 21.7886 | 32.5962384 | 16.39 | 12.6528 |
| 32.4058449 | 16.24 | 22.1974 | 32.5010995 | 16.28 | 22.3694 | 32.5963542 | 16.4 | 15.2453 |
| 32.4059607 | 16.13 | 18.1443 | 32.5012153 | 16.28 | 22.0486 | 32.5964699 | 16.39 | 14.017 |
| 32.4060764 | 16.11 | 18.0316 | 32.501331 | 16.28 | 21.4602 | 32.5965857 | 16.4 | 16.4878 |
| 32.4061921 | 16.15 | 19.6143 | 32.5014468 | 16.28 | 22.4847 | 32.5967014 | 16.4 | 16.268 |
| 32.4063079 | 16.23 | 22.2708 | 32.5015625 | 16.24 | 20.0314 | 32.5968171 | 16.4 | 15.7114 |
| 32.4064236 | 16.19 | 19.99 | 32.5016782 | 16.25 | 20.5049 | 32.5969329 | 16.4 | 15.4498 |
| 32.4065394 | 16.16 | 18.577 | 32.501794 | 16.24 | 20.8367 | 32.5970486 | 16.4 | 14.8968 |
| 32.4066551 | 16.15 | 19.3166 | 32.5019097 | 16.27 | 21.1165 | 32.5971644 | 16.4 | 17.3175 |
| 32.4067708 | 16.13 | 17.7807 | 32.5020255 | 16.27 | 21.872 | 32.5972801 | 16.4 | 17.5736 |
| 32.4068866 | 16.13 | 18.6002 | 32.5021412 | 16.27 | 21.043 | 32.5973958 | 16.4 | 16.404 |
| 32.4070023 | 16.17 | 19.9966 | 32.5022569 | 16.25 | 20.5951 | 32.5975116 | 16.4 | 17.0201 |
| 32.4071181 | 16.11 | 17.8245 | 32.5023727 | 16.24 | 20.4081 | 32.5976273 | 16.4 | 17.3175 |
| 32.4072338 | 16.15 | 19.5302 | 32.5024884 | 16.25 | 20.9931 | 32.5977431 | 16.4 | 16.8183 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4073495 | 16.11 | 16.9802 | 32.5026042 | 16.27 | 21.511 | 32.5978588 | 16.4 | 16.7489 |
| 32.4074653 | 16.12 | 17.7939 | 32.5027199 | 16.24 | 20.1771 | 32.5979745 | 16.4 | 16.0707 |
| 32.407581 | 16.11 | 16.7478 | 32.5028357 | 16.25 | 20.4521 | 32.5980903 | 16.4 | 16.1227 |
| 32.4076968 | 16.12 | 17.3453 | 32.5029514 | 16.25 | 20.7846 | 32.598206 | 16.4 | 16.2601 |
| 32.4078125 | 16.12 | 18.036 | 32.5030671 | 16.27 | 21.7925 | 32.5983218 | 16.4 | 15.8222 |
| 32.4079282 | 16.08 | 16.0406 | 32.5031829 | 16.27 | 21.3226 | 32.5984375 | 16.4 | 15.7903 |
| 32.408044 | 16.15 | 19.6143 | 32.5032986 | 16.27 | 21.6788 | 32.5985532 | 16.4 | 16.1071 |
| 32.4081597 | 16.11 | 17.9549 | 32.5034144 | 16.27 | 21.2871 | 32.598669 | 16.4 | 16.3802 |
| 32.4082755 | 16.09 | 16.6292 | 32.5035301 | 16.25 | 21.1659 | 32.5987847 | 16.4 | 16.4439 |
| 32.4083912 | 16.08 | 15.734 | 32.5036458 | 16.25 | 21.1751 | 32.5989005 | 16.4 | 16.4945 |
| 32.4085069 | 16.15 | 20.2276 | 32.5037616 | 16.24 | 20.5755 | 32.5990162 | 16.4 | 15.8811 |
| 32.4086227 | 16.15 | 19.4173 | 32.5038773 | 16.24 | 20.8439 | 32.5991319 | 16.41 | 15.5976 |
| 32.4087384 | 16.13 | 18.3954 | 32.5039931 | 16.23 | 20.352 | 32.5992477 | 16.4 | 14.8896 |
| 32.4088542 | 16.16 | 19.1556 | 32.5041088 | 16.23 | 20.0552 | 32.5993634 | 16.4 | 14.8908 |
| 32.4089699 | 16.16 | 19.7306 | 32.5042245 | 16.21 | 20.0532 | 32.5994792 | 16.4 | 14.6861 |
| 32.4090857 | 16.12 | 17.8537 | 32.5043403 | 16.21 | 19.8196 | 32.5995949 | 16.4 | 14.8776 |
| 32.4092014 | 16.19 | 21.0649 | 32.504456 | 16.24 | 20.9254 | 32.5997107 | 16.4 | 14.8163 |
| 32.4093171 | 16.13 | 18.0967 | 32.5045718 | 16.24 | 20.9291 | 32.5998264 | 16.4 | 14.5817 |
| 32.4094329 | 16.17 | 20.0255 | 32.5046875 | 16.27 | 21.9794 | 32.5999421 | 16.4 | 14.4604 |
| 32.4095486 | 16.17 | 19.9626 | 32.5048032 | 16.21 | 19.9902 | 32.6000579 | 16.4 | 14.333 |
| 32.4096644 | 16.12 | 17.7837 | 32.504919 | 16.2 | 19.6328 | 32.6001736 | 16.4 | 13.9246 |
| 32.4097801 | 16.16 | 19.5204 | 32.5050347 | 16.24 | 21.002 | 32.6002894 | 16.4 | 13.7213 |
| 32.4098958 | 16.15 | 19.0758 | 32.5051505 | 16.24 | 20.8819 | 32.6004051 | 16.4 | 14.3551 |
| 32.4100116 | 16.15 | 18.6479 | 32.5052662 | 16.21 | 20.3744 | 32.6005208 | 16.41 | 14.7027 |
| 32.4101273 | 16.17 | 19.6459 | 32.5053819 | 16.2 | 19.3833 | 32.6006366 | 16.4 | 14.1858 |
| 32.4102431 | 16.21 | 22.0793 | 32.5054977 | 16.19 | 18.6277 | 32.6007523 | 16.39 | 13.615 |
| 32.4103588 | 16.16 | 19.1237 | 32.5056134 | 16.23 | 20.6428 | 32.6008681 | 16.39 | 13.6441 |
| 32.4104745 | 16.23 | 21.7312 | 32.5057292 | 16.09 | 6.5008 | 32.6009838 | 16.37 | 12.6054 |
| 32.4105903 | 16.17 | 20.0494 | 32.5058449 | 16.13 | 14.8092 | 32.6010995 | 16.4 | 14.0547 |
| 32.410706 | 16.16 | 18.9522 | 32.5059607 | 16.2 | 19.7977 | 32.6012153 | 16.37 | 12.7321 |
| 32.4108218 | 16.12 | 17.6117 | 32.5060764 | 16.23 | 20.6856 | 32.601331 | 16.39 | 13.9429 |
| 32.4109375 | 16.2 | 21.5429 | 32.5061921 | 16.24 | 21.1674 | 32.6014468 | 16.4 | 13.9303 |
| 32.4110532 | 16.29 | 24.0853 | 32.5063079 | 16.16 | 16.4106 | 32.6015625 | 16.4 | 13.9451 |
| 32.411169 | 16.23 | 21.9778 | 32.5064236 | 16.19 | 18.4408 | 32.6016782 | 16.37 | 13.4033 |
| 32.4112847 | 16.27 | 23.1496 | 32.5065394 | 16.25 | 21.7801 | 32.601794 | 16.37 | 13.0045 |
| 32.4114005 | 16.24 | 21.6471 | 32.5066551 | 16.24 | 21.378 | 32.6019097 | 16.37 | 12.4587 |
| 32.4115162 | 16.24 | 22.1378 | 32.5067708 | 16.23 | 20.682 | 32.6020255 | 16.37 | 12.5528 |
| 32.4116319 | 16.27 | 23.1475 | 32.5068866 | 16.21 | 19.681 | 32.6021412 | 16.36 | 12.1382 |
| 32.4117477 | 16.23 | 20.7608 | 32.5070023 | 16.24 | 21.1231 | 32.6022569 | 16.36 | 11.0856 |
| 32.4118634 | 16.25 | 23.3067 | 32.5071181 | 16.24 | 20.96 | 32.6023727 | 16.35 | 10.4648 |
| 32.4119792 | 16.31 | 24.4596 | 32.5072338 | 16.19 | 18.0963 | 32.6024884 | 16.35 | 10.6587 |
| 32.4120949 | 16.24 | 22.047 | 32.5073495 | 16.24 | 20.806 | 32.6026042 | 16.35 | 11.2441 |
| 32.4122107 | 16.23 | 21.6487 | 32.5074653 | 16.24 | 21.1287 | 32.6027199 | 16.35 | 12.5266 |
| 32.4123264 | 16.21 | 21.6863 | 32.507581 | 16.21 | 20.2371 | 32.6028357 | 16.36 | 12.243 |
| 32.4124421 | 16.24 | 22.3414 | 32.5076968 | 16.25 | 21.7995 | 32.6029514 | 16.35 | 11.9426 |
| 32.4125579 | 16.21 | 21.4864 | 32.5078125 | 16.25 | 21.0022 | 32.6030671 | 16.36 | 12.6887 |
| 32.4126736 | 16.2 | 21.012 | 32.5079282 | 16.25 | 21.214 | 32.6031829 | 16.35 | 12.4628 |
| 32.4127894 | 16.19 | 19.7943 | 32.508044 | 16.21 | 19.9783 | 32.6032986 | 16.37 | 12.5371 |
| 32.4129051 | 16.2 | 20.3358 | 32.5081597 | 16.2 | 18.872 | 32.6034144 | 16.37 | 12.1096 |
| 32.4130208 | 16.16 | 19.0902 | 32.5082755 | 16.21 | 20.3082 | 32.6035301 | 16.39 | 12.3351 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4131366 | 16.19 | 21.2812 | 32.5083912 | 16.27 | 22.4315 | 32.6036458 | 16.4 | 12.4536 |
| 32.4132523 | 16.19 | 20.7852 | 32.5085069 | 16.31 | 23.7479 | 32.6037616 | 16.41 | 12.575 |
| 32.4133681 | 16.21 | 21.15 | 32.5086227 | 16.27 | 21.8545 | 32.6038773 | 16.41 | 12.5341 |
| 32.4134838 | 16.17 | 20.5318 | 32.5087384 | 16.23 | 19.4454 | 32.6039931 | 16.4 | 13.877 |
| 32.4135995 | 16.2 | 21.1812 | 32.5088542 | 16.23 | 19.9497 | 32.6041088 | 16.43 | 13.011 |
| 32.4137153 | 16.15 | 18.1397 | 32.5089699 | 16.27 | 22.1232 | 32.6042245 | 16.43 | 12.8001 |
| 32.413831 | 16.17 | 19.7073 | 32.5090857 | 16.29 | 22.835 | 32.6043403 | 16.43 | 13.6988 |
| 32.4139468 | 16.17 | 19.1717 | 32.5092014 | 16.25 | 20.8857 | 32.604456 | 16.43 | 15.0723 |
| 32.4140625 | 16.27 | 23.776 | 32.5093171 | 16.24 | 20.9345 | 32.6045718 | 16.44 | 12.9368 |
| 32.4141782 | 16.31 | 23.3797 | 32.5094329 | 16.28 | 22.9075 | 32.6046875 | 16.44 | 13.0952 |
| 32.414294 | 16.27 | 22.6786 | 32.5095486 | 16.28 | 22.7825 | 32.6048032 | 16.44 | 12.6804 |
| 32.4144097 | 16.31 | 23.8973 | 32.5096644 | 16.19 | 16.155 | 32.604919 | 16.41 | 17.0657 |
| 32.4145255 | 16.32 | 24.4558 | 32.5097801 | 16.17 | 16.1096 | 32.6050347 | 16.44 | 15.7415 |
| 32.4146412 | 16.27 | 21.3864 | 32.5098958 | 16.24 | 20.5542 | 32.6051505 | 16.44 | 14.8628 |
| 32.4147569 | 16.27 | 22.1589 | 32.5100116 | 16.29 | 23.2899 | 32.6052662 | 16.44 | 14.7012 |
| 32.4148727 | 16.12 | 16.9883 | 32.5101273 | 16.27 | 21.8662 | 32.6053819 | 16.43 | 12.9626 |
| 32.4149884 | 16.27 | 23.2136 | 32.5102431 | 16.25 | 20.6129 | 32.6054977 | 16.44 | 12.9476 |
| 32.4151042 | 16.16 | 18.5402 | 32.5103588 | 16.29 | 23.0427 | 32.6056134 | 16.43 | 12.4047 |
| 32.4152199 | 16.28 | 23.5474 | 32.5104745 | 16.31 | 23.7523 | 32.6057292 | 16.4 | 11.5427 |
| 32.4153357 | 16.32 | 24.1652 | 32.5105903 | 16.23 | 19.0712 | 32.6058449 | 16.37 | 10.7928 |
| 32.4154514 | 16.32 | 24.0492 | 32.510706 | 16.2 | 17.5136 | 32.6059607 | 16.37 | 10.5814 |
| 32.4155671 | 16.28 | 21.7677 | 32.5108218 | 16.24 | 20.326 | 32.6060764 | 16.37 | 11.1842 |
| 32.4156829 | 16.13 | 17.3001 | 32.5109375 | 16.25 | 21.3071 | 32.6061921 | 16.37 | 11.2697 |
| 32.4157986 | 16.13 | 18.125 | 32.5110532 | 16.25 | 20.5951 | 32.6063079 | 16.37 | 11.582 |
| 32.4159144 | 16.21 | 21.5413 | 32.511169 | 16.25 | 21.3333 | 32.6064236 | 16.39 | 11.8238 |
| 32.4160301 | 16.24 | 22.6154 | 32.5112847 | 16.29 | 23.0047 | 32.6065394 | 16.39 | 12.3828 |
| 32.4161458 | 16.25 | 22.4326 | 32.5114005 | 16.28 | 21.9211 | 32.6066551 | 16.37 | 11.8649 |
| 32.4162616 | 16.25 | 22.463 | 32.5115162 | 16.24 | 19.1863 | 32.6067708 | 16.39 | 13.8238 |
| 32.4163773 | 16.29 | 23.8846 | 32.5116319 | 16.15 | 8.9302 | 32.6068866 | 16.4 | 13.9622 |
| 32.4164931 | 16.23 | 21.0916 | 32.5117477 | 16.11 | 9.2505 | 32.6070023 | 16.4 | 13.9838 |
| 32.4166088 | 16.24 | 21.8631 | 32.5118634 | 16.24 | 20.3748 | 32.6071181 | 16.4 | 13.8849 |
| 32.4167245 | 16.23 | 22.1831 | 32.5119792 | 16.27 | 22.2645 | 32.6072338 | 16.4 | 14.5263 |
| 32.4168403 | 16.28 | 23.5715 | 32.5120949 | 16.28 | 22.0821 | 32.6073495 | 16.41 | 14.4756 |
| 32.416956 | 16.07 | 12.281 | 32.5122107 | 16.24 | 20.4449 | 32.6074653 | 16.39 | 13.5983 |
| 32.4170718 | 16.04 | 12.9015 | 32.5123264 | 16.25 | 20.6628 | 32.607581 | 16.39 | 13.39 |
| 32.4171875 | 16.15 | 19.1125 | 32.5124421 | 16.21 | 18.8767 | 32.6076968 | 16.39 | 13.4363 |
| 32.4173032 | 16.23 | 22.0742 | 32.5125579 | 16.24 | 20.3382 | 32.6078125 | 16.4 | 13.4517 |
| 32.417419 | 16.21 | 21.627 | 32.5126736 | 16.24 | 20.3138 | 32.6079282 | 16.41 | 13.5915 |
| 32.4175347 | 16.29 | 23.9925 | 32.5127894 | 16.23 | 19.6115 | 32.608044 | 16.43 | 13.9803 |
| 32.4176505 | 16.19 | 19.7391 | 32.5129051 | 16.21 | 19.103 | 32.6081597 | 16.41 | 13.2922 |
| 32.4177662 | 16.28 | 23.5912 | 32.5130208 | 16.12 | 7.0589 | 32.6082755 | 16.41 | 12.4755 |
| 32.4178819 | 16.25 | 21.7473 | 32.5131366 | 16.12 | 9.2885 | 32.6083912 | 16.41 | 13.0887 |
| 32.4179977 | 16.25 | 23.3412 | 32.5132523 | 16.24 | 21.3611 | 32.6085069 | 16.41 | 13.6306 |
| 32.4181134 | 16.11 | 13.814 | 32.5133681 | 16.27 | 22.5842 | 32.6086227 | 16.41 | 13.7786 |
| 32.4182292 | 16.01 | 10.0903 | 32.5134838 | 16.29 | 23.2234 | 32.6087384 | 16.41 | 13.5082 |
| 32.4183449 | 16.17 | 21.0095 | 32.5135995 | 16.29 | 23.476 | 32.6088542 | 16.41 | 13.3547 |
| 32.4184607 | 15.93 | 5.0302 | 32.5137153 | 16.31 | 23.6307 | 32.6089699 | 16.41 | 13.2136 |
| 32.4185764 | 15.91 | 4.8329 | 32.513831 | 16.24 | 20.2513 | 32.6090857 | 16.41 | 12.9884 |
| 32.4186921 | 16.2 | 22.6114 | 32.5139468 | 16.25 | 20.3663 | 32.6092014 | 16.41 | 13.313 |
| 32.4188079 | 16.16 | 18.6448 | 32.5140625 | 16.24 | 20.2704 | 32.6093171 | 16.41 | 14.1822 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4189236 | 16.27 | 23.3425 | 32.5141782 | 16.24 | 19.835 | 32.6094329 | 16.41 | 14.1085 |
| 32.4190394 | 16.27 | 23.122 | 32.514294 | 16.21 | 18.8641 | 32.6095486 | 16.41 | 13.9587 |
| 32.4191551 | 16.15 | 18.1517 | 32.5144097 | 16.17 | 17.4597 | 32.6096644 | 16.43 | 14.0465 |
| 32.4192708 | 16.04 | 13.1413 | 32.5145255 | 16.25 | 21.3127 | 32.6097801 | 16.41 | 14.1477 |
| 32.4193866 | 15.91 | 4.1357 | 32.5146412 | 16.25 | 20.3697 | 32.6098958 | 16.41 | 14.2412 |
| 32.4195023 | 15.8 | 3.3252 | 32.5147569 | 16.19 | 12.9057 | 32.6100116 | 16.41 | 14.2957 |
| 32.4196181 | 15.97 | 12.2248 | 32.5148727 | 16.2 | 17.3813 | 32.6101273 | 16.41 | 14.0329 |
| 32.4197338 | 16.17 | 21.7138 | 32.5149884 | 16.19 | 16.5422 | 32.6102431 | 16.41 | 13.5804 |
| 32.4198495 | 15.89 | 4.6287 | 32.5151042 | 16.21 | 18.6539 | 32.6103588 | 16.41 | 13.4274 |
| 32.4199653 | 15.99 | 11.2321 | 32.5152199 | 16.21 | 18.6756 | 32.6104745 | 16.41 | 13.547 |
| 32.420081 | 16.05 | 16.7743 | 32.5153357 | 16.2 | 17.1204 | 32.6105903 | 16.41 | 13.4805 |
| 32.4201968 | 16.19 | 21.3017 | 32.5154514 | 16.16 | 14.1424 | 32.610706 | 16.41 | 13.5681 |
| 32.4203125 | 16.24 | 22.6113 | 32.5155671 | 16.2 | 18.0799 | 32.6108218 | 16.41 | 14.1938 |
| 32.4204282 | 16.19 | 20.1437 | 32.5156829 | 16.23 | 19.6314 | 32.6109375 | 16.41 | 13.369 |
| 32.420544 | 16.13 | 18.3727 | 32.5157986 | 16.21 | 18.6988 | 32.6110532 | 16.41 | 12.9347 |
| 32.4206597 | 16.12 | 17.9064 | 32.5159144 | 16.23 | 19.183 | 32.611169 | 16.41 | 13.0466 |
| 32.4207755 | 16.16 | 19.4565 | 32.5160301 | 16.24 | 19.8822 | 32.6112847 | 16.41 | 13.0487 |
| 32.4208912 | 16.11 | 15.782 | 32.5161458 | 16.16 | 11.6487 | 32.6114005 | 16.41 | 13.2485 |
| 32.4210069 | 16.07 | 13.9072 | 32.5162616 | 16.21 | 18.2817 | 32.6115162 | 16.41 | 13.3767 |
| 32.4211227 | 16.11 | 16.4391 | 32.5163773 | 16.24 | 20.1135 | 32.6116319 | 16.41 | 13.4164 |
| 32.4212384 | 16.04 | 14.3404 | 32.5164931 | 16.25 | 20.5455 | 32.6117477 | 16.41 | 13.5381 |
| 32.4213542 | 16.25 | 22.6426 | 32.5166088 | 16.24 | 19.8552 | 32.6118634 | 16.41 | 14.0489 |
| 32.4214699 | 16.25 | 23.1081 | 32.5167245 | 16.21 | 18.9286 | 32.6119792 | 16.43 | 13.765 |
| 32.4215857 | 16.05 | 10.3133 | 32.5168403 | 16.17 | 14.2614 | 32.6120949 | 16.41 | 13.6574 |
| 32.4217014 | 16 | 11.0559 | 32.516956 | 16.2 | 16.9971 | 32.6122107 | 16.41 | 13.5604 |
| 32.4218171 | 16.17 | 21.0058 | 32.5170718 | 16.24 | 19.7045 | 32.6123264 | 16.41 | 13.6854 |
| 32.4219329 | 16.24 | 22.7824 | 32.5171875 | 16.27 | 21.248 | 32.6124421 | 16.41 | 13.9007 |
| 32.4220486 | 16.24 | 22.4423 | 32.5173032 | 16.29 | 22.386 | 32.6125579 | 16.41 | 13.869 |
| 32.4221644 | 16.21 | 21.1889 | 32.517419 | 16.19 | 13.8418 | 32.6126736 | 16.41 | 13.737 |
| 32.4222801 | 16.2 | 21.4861 | 32.5175347 | 16.21 | 17.7481 | 32.6127894 | 16.41 | 14.2678 |
| 32.4223958 | 16.17 | 19.8647 | 32.5176505 | 16.23 | 19.6479 | 32.6129051 | 16.41 | 13.6708 |
| 32.4225116 | 16.12 | 16.9141 | 32.5177662 | 16.23 | 19.5323 | 32.6130208 | 16.41 | 13.6988 |
| 32.4226273 | 16.09 | 15.7937 | 32.5178819 | 16.21 | 18.957 | 32.6131366 | 16.41 | 14.2829 |
| 32.4227431 | 16.15 | 19.1173 | 32.5179977 | 16.25 | 21.6532 | 32.6132523 | 16.41 | 14.3586 |
| 32.4228588 | 16.12 | 16.3912 | 32.5181134 | 16.29 | 23.0765 | 32.6133681 | 16.41 | 14.3294 |
| 32.4229745 | 16.11 | 16.8526 | 32.5182292 | 16.25 | 21.1788 | 32.6134838 | 16.41 | 13.9189 |
| 32.4230903 | 16.12 | 17.3651 | 32.5183449 | 16.25 | 20.6628 | 32.6135995 | 16.41 | 14.1166 |
| 32.423206 | 16.08 | 15.6846 | 32.5184607 | 16.28 | 22.0979 | 32.6137153 | 16.41 | 14.3586 |
| 32.4233218 | 15.95 | 6.5249 | 32.5185764 | 16.28 | 21.8743 | 32.613831 | 16.41 | 14.4392 |
| 32.4234375 | 16.04 | 13.162 | 32.5186921 | 16.27 | 21.0045 | 32.6139468 | 16.41 | 15.0737 |
| 32.4235532 | 16.08 | 15.9953 | 32.5188079 | 16.28 | 21.595 | 32.6140625 | 16.4 | 14.7373 |
| 32.423669 | 16.12 | 17.6664 | 32.5189236 | 16.28 | 21.7774 | 32.6141782 | 16.41 | 14.7241 |
| 32.4237847 | 16.07 | 15.0552 | 32.5190394 | 16.28 | 21.76 | 32.614294 | 16.41 | 14.6991 |
| 32.4239005 | 16.17 | 19.759 | 32.5191551 | 16.28 | 21.7099 | 32.6144097 | 16.43 | 15.0918 |
| 32.4240162 | 16.16 | 19.8159 | 32.5192708 | 16.27 | 21.4655 | 32.6145255 | 16.41 | 15.3539 |
| 32.4241319 | 16.12 | 17.6534 | 32.5193866 | 16.27 | 21.4977 | 32.6146412 | 16.41 | 15.3279 |
| 32.4242477 | 16.03 | 10.799 | 32.5195023 | 16.29 | 22.1618 | 32.6147569 | 16.43 | 15.4022 |
| 32.4243634 | 16.16 | 19.154 | 32.5196181 | 16.25 | 20.4345 | 32.6148727 | 16.41 | 15.7101 |
| 32.4244792 | 16.08 | 14.6985 | 32.5197338 | 16.25 | 20.7343 | 32.6149884 | 16.41 | 15.7991 |
| 32.4245949 | 16.09 | 15.9565 | 32.5198495 | 16.27 | 21.2257 | 32.6151042 | 16.43 | 15.985 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4247107 | 16.07 | 13.1499 | 32.5199653 | 16.24 | 19.2474 | 32.6152199 | 16.41 | 15.6759 |
| 32.4248264 | 16.05 | 13.9643 | 32.520081 | 16.24 | 20.2323 | 32.6153357 | 16.41 | 16.7203 |
| 32.4249421 | 16.07 | 15.2069 | 32.5201968 | 16.27 | 20.9225 | 32.6154514 | 16.43 | 17.449 |
| 32.4250579 | 16.09 | 16.2085 | 32.5203125 | 16.23 | 19.014 | 32.6155671 | 16.41 | 16.5345 |
| 32.4251736 | 16.08 | 15.8987 | 32.5204282 | 16.19 | 15.3798 | 32.6156829 | 16.4 | 15.7966 |
| 32.4252894 | 15.99 | 9.0173 | 32.520544 | 16.16 | 10.8922 | 32.6157986 | 16.4 | 16.0642 |
| 32.4254051 | 16.13 | 19.8744 | 32.5206597 | 16.23 | 17.9129 | 32.6159144 | 16.4 | 16.7055 |
| 32.4255208 | 16.08 | 15.3165 | 32.5207755 | 16.25 | 20.8098 | 32.6160301 | 16.4 | 15.1814 |
| 32.4256366 | 15.95 | 7.2279 | 32.5208912 | 16.24 | 20.0707 | 32.6161458 | 16.4 | 17.2837 |
| 32.4257523 | 16.11 | 18.5925 | 32.5210069 | 16.25 | 20.0742 | 32.6162616 | 16.41 | 18.2856 |
| 32.4258681 | 15.92 | 5.8647 | 32.5211227 | 16.27 | 21.1775 | 32.6163773 | 16.41 | 17.6932 |
| 32.4259838 | 15.91 | 5.4435 | 32.5212384 | 16.29 | 22.7789 | 32.6164931 | 16.41 | 17.3768 |
| 32.4260995 | 15.89 | 4.4352 | 32.5213542 | 16.28 | 22.277 | 32.6166088 | 16.4 | 17.2303 |
| 32.4262153 | 15.89 | 5.7109 | 32.5214699 | 16.25 | 20.8351 | 32.6167245 | 16.41 | 17.4592 |
| 32.426331 | 15.69 | 1.1716 | 32.5215857 | 16.25 | 21.1234 | 32.6168403 | 16.41 | 17.7774 |
| 32.4264468 | 15.79 | 7.2179 | 32.5217014 | 16.25 | 21.3558 | 32.616956 | 16.41 | 17.8196 |
| 32.4265625 | 15.65 | 0.417 | 32.5218171 | 16.28 | 21.4545 | 32.6170718 | 16.41 | 18.0152 |
| 32.4266782 | 15.88 | 5.9848 | 32.5219329 | 16.24 | 20.4361 | 32.6171875 | 16.4 | 16.669 |
| 32.426794 | 15.95 | 9.7957 | 32.5220486 | 16.27 | 21.6731 | 32.6173032 | 16.4 | 16.7177 |
| 32.4269097 | 15.99 | 11.2838 | 32.5221644 | 16.25 | 20.5473 | 32.617419 | 16.4 | 16.7462 |
| 32.4270255 | 15.75 | 0.5563 | 32.5222801 | 16.28 | 22.4665 | 32.6175347 | 16.4 | 17.0644 |
| 32.4271412 | 15.84 | 0.7326 | 32.5223958 | 16.31 | 22.5841 | 32.6176505 | 16.4 | 17.1464 |
| 32.4272569 | 16.03 | 15.227 | 32.5225116 | 16.25 | 20.5084 | 32.6177662 | 16.4 | 16.0967 |
| 32.4273727 | 16.25 | 23.0763 | 32.5226273 | 16.25 | 20.5261 | 32.6178819 | 16.39 | 15.4561 |
| 32.4274884 | 16.07 | 13.8233 | 32.5227431 | 16.28 | 21.9641 | 32.6179977 | 16.4 | 15.8811 |
| 32.4276042 | 15.99 | 7.5119 | 32.5228588 | 16.25 | 20.0742 | 32.6181134 | 16.4 | 15.984 |
| 32.4277199 | 16.04 | 14.372 | 32.5229745 | 16.28 | 21.7368 | 32.6182292 | 16.4 | 15.6798 |
| 32.4278357 | 15.95 | 7.4423 | 32.5230903 | 16.28 | 21.8899 | 32.6183449 | 16.4 | 16.0422 |
| 32.4279514 | 15.95 | 7.3686 | 32.523206 | 16.24 | 19.3136 | 32.6184607 | 16.39 | 15.8555 |
| 32.4280671 | 15.92 | 6.6679 | 32.5233218 | 16.25 | 19.9059 | 32.6185764 | 16.39 | 15.885 |
| 32.4281829 | 15.95 | 7.7746 | 32.5234375 | 16.15 | 4.7425 | 32.6186921 | 16.4 | 15.8811 |
| 32.4282986 | 15.89 | 4.5948 | 32.5235532 | 16.11 | 4.12 | 32.6188079 | 16.4 | 16.1906 |
| 32.4284144 | 15.89 | 5.1921 | 32.523669 | 16.13 | 6.6663 | 32.6189236 | 16.4 | 16.1475 |
| 32.4285301 | 15.99 | 10.4909 | 32.5237847 | 16.15 | 6.9455 | 32.6190394 | 16.4 | 16.3101 |
| 32.4286458 | 16.03 | 13.5976 | 32.5239005 | 16.15 | 7.1099 | 32.6191551 | 16.4 | 16.412 |
| 32.4287616 | 16.01 | 11.7335 | 32.5240162 | 16.17 | 9.7616 | 32.6192708 | 16.4 | 16.6434 |
| 32.4288773 | 16.07 | 16.0278 | 32.5241319 | 16.24 | 18.6446 | 32.6193866 | 16.4 | 16.7733 |
| 32.4289931 | 15.99 | 8.8152 | 32.5242477 | 16.24 | 18.5584 | 32.6195023 | 16.4 | 16.7109 |
| 32.4291088 | 15.95 | 7.5548 | 32.5243634 | 16.17 | 0.7232 | 32.6196181 | 16.4 | 17.0021 |
| 32.4292245 | 15.99 | 10.399 | 32.5244792 | 16.12 | 7.5529 | 32.6197338 | 16.4 | 16.7231 |
| 32.4293403 | 15.95 | 7.7317 | 32.5245949 | 16.27 | 20.3387 | 32.6198495 | 16.4 | 16.544 |
| 32.429456 | 15.93 | 6.9045 | 32.5247107 | 16.23 | 16.1937 | 32.6199653 | 16.4 | 16.969 |
| 32.4295718 | 16 | 11.0867 | 32.5248264 | 16.28 | 20.1397 | 32.620081 | 16.4 | 16.6704 |
| 32.4296875 | 15.99 | 10.1746 | 32.5249421 | 16.27 | 19.79 | 32.6201968 | 16.4 | 17.5006 |
| 32.4298032 | 15.99 | 9.9183 | 32.5250579 | 16.28 | 19.9401 | 32.6203125 | 16.4 | 17.3754 |
| 32.429919 | 15.95 | 7.6289 | 32.5251736 | 16.31 | 21.6668 | 32.6204282 | 16.4 | 16.607 |
| 32.4300347 | 15.93 | 7.7096 | 32.5252894 | 16.27 | 19.3869 | 32.620544 | 16.4 | 16.7028 |
| 32.4301505 | 16.01 | 12.1251 | 32.5254051 | 16.28 | 20.3266 | 32.6206597 | 16.4 | 16.8237 |
| 32.4302662 | 16.01 | 12.0739 | 32.5255208 | 16.28 | 20.7565 | 32.6207755 | 16.4 | 16.7177 |
| 32.4303819 | 16.07 | 15.0235 | 32.5256366 | 16.27 | 19.4538 | 32.6208912 | 16.4 | 17.1394 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4304977 | 16.01 | 11.6086 | 32.5257523 | 16.24 | 17.264 | 32.6210069 | 16.4 | 16.9168 |
| 32.4306134 | 16.01 | 10.9867 | 32.5258681 | 16.24 | 17.3216 | 32.6211227 | 16.4 | 17.2387 |
| 32.4307292 | 15.99 | 10.0926 | 32.5259838 | 16.23 | 16.4244 | 32.6212384 | 16.4 | 16.9745 |
| 32.4308449 | 15.97 | 9.694 | 32.5260995 | 16.23 | 16.0401 | 32.6213542 | 16.4 | 16.998 |
| 32.4309607 | 15.99 | 10.2093 | 32.5262153 | 16.24 | 17.4178 | 32.6214699 | 16.4 | 17.2992 |
| 32.4310764 | 16.03 | 13.0751 | 32.526331 | 16.24 | 18.1631 | 32.6215857 | 16.4 | 17.2275 |
| 32.4311921 | 16.03 | 12.6575 | 32.5264468 | 16.25 | 18.1915 | 32.6217014 | 16.39 | 16.301 |
| 32.4313079 | 16.01 | 11.3604 | 32.5265625 | 16.25 | 19.1158 | 32.6218171 | 16.39 | 15.9004 |
| 32.4314236 | 16 | 10.7777 | 32.5266782 | 16.24 | 17.0078 | 32.6219329 | 16.39 | 16.9073 |
| 32.4315394 | 15.99 | 9.8986 | 32.526794 | 16.24 | 17.6582 | 32.6220486 | 16.39 | 16.932 |
| 32.4316551 | 16 | 10.9569 | 32.5269097 | 16.24 | 17.677 | 32.6221644 | 16.4 | 17.0963 |
| 32.4317708 | 16.01 | 11.5112 | 32.5270255 | 16.23 | 15.5693 | 32.6222801 | 16.41 | 17.0394 |
| 32.4318866 | 15.99 | 10.1573 | 32.5271412 | 16.2 | 14.2287 | 32.6223958 | 16.4 | 17.2992 |
| 32.4320023 | 16.01 | 12.0923 | 32.5272569 | 16.2 | 14.3893 | 32.6225116 | 16.4 | 17.0991 |
| 32.4321181 | 16.01 | 11.7014 | 32.5273727 | 16.17 | 10.7699 | 32.6226273 | 16.4 | 17.152 |
| 32.4322338 | 16.01 | 11.8725 | 32.5274884 | 16.2 | 13.3883 | 32.6227431 | 16.4 | 17.0755 |
| 32.4323495 | 15.99 | 10.8402 | 32.5276042 | 16.19 | 9.0323 | 32.6228588 | 16.4 | 17.063 |
| 32.4324653 | 15.99 | 10.4296 | 32.5277199 | 16.21 | 14.1616 | 32.6229745 | 16.4 | 17.0201 |
| 32.432581 | 16 | 11.1448 | 32.5278357 | 16.2 | 10.0788 | 32.6230903 | 16.4 | 17.1283 |
| 32.4326968 | 15.96 | 7.893 | 32.5279514 | 16.19 | 10.6608 | 32.623206 | 16.4 | 17.1855 |
| 32.4328125 | 15.96 | 8.5995 | 32.5280671 | 16.2 | 12.8266 | 32.6233218 | 16.4 | 17.1953 |
| 32.4329282 | 15.95 | 7.2103 | 32.5281829 | 16.2 | 10.6103 | 32.6234375 | 16.4 | 17.2752 |
| 32.433044 | 15.93 | 6.5859 | 32.5282986 | 16.19 | 10.154 | 32.6235532 | 16.4 | 17.2205 |
| 32.4331597 | 15.96 | 8.2709 | 32.5284144 | 16.19 | 10.0723 | 32.623669 | 16.4 | 16.9635 |
| 32.4332755 | 15.99 | 11.9738 | 32.5285301 | 16.2 | 11.674 | 32.6237847 | 16.4 | 16.9264 |
| 32.4333912 | 15.97 | 8.0628 | 32.5286458 | 16.19 | 9.648 | 32.6239005 | 16.4 | 16.9925 |
| 32.4335069 | 15.92 | 6.3261 | 32.5287616 | 16.23 | 15.3359 | 32.6240162 | 16.4 | 16.9966 |
| 32.4336227 | 15.92 | 6.0524 | 32.5288773 | 16.21 | 14.7856 | 32.6241319 | 16.4 | 17.1436 |
| 32.4337384 | 15.93 | 7.3961 | 32.5289931 | 16.2 | 11.8274 | 32.6242477 | 16.4 | 17.2935 |
| 32.4338542 | 15.92 | 5.9886 | 32.5291088 | 16.21 | 13.2325 | 32.6243634 | 16.4 | 17.264 |
| 32.4339699 | 15.91 | 5.7036 | 32.5292245 | 16.2 | 10.3843 | 32.6244792 | 16.4 | 17.2233 |
| 32.4340857 | 15.93 | 8.6858 | 32.5293403 | 16.19 | 9.5287 | 32.6245949 | 16.4 | 17.2065 |
| 32.4342014 | 15.91 | 5.476 | 32.529456 | 16.19 | 10.1303 | 32.6247107 | 16.4 | 17.3048 |
| 32.4343171 | 15.91 | 5.7649 | 32.5295718 | 16.2 | 10.8319 | 32.6248264 | 16.4 | 17.2964 |
| 32.4344329 | 16.01 | 11.4135 | 32.5296875 | 16.2 | 9.9274 | 32.6249421 | 16.4 | 17.3783 |
| 32.4345486 | 15.93 | 7.2542 | 32.5298032 | 16.21 | 15.4505 | 32.6250579 | 16.4 | 17.5106 |
| 32.4346644 | 15.95 | 8.2363 | 32.529919 | 16.23 | 16.5243 | 32.6251736 | 16.4 | 17.445 |
| 32.4347801 | 15.92 | 5.9769 | 32.5300347 | 16.2 | 11.8314 | 32.6252894 | 16.4 | 17.4123 |
| 32.4348958 | 15.92 | 6.1641 | 32.5301505 | 16.2 | 11.2035 | 32.6254051 | 16.41 | 17.3612 |
| 32.4350116 | 15.93 | 6.8174 | 32.5302662 | 16.2 | 10.5935 | 32.6255208 | 16.41 | 17.3584 |
| 32.4351273 | 15.91 | 5.1462 | 32.5303819 | 16.2 | 10.9434 | 32.6256366 | 16.41 | 17.4777 |
| 32.4352431 | 15.91 | 5.6835 | 32.5304977 | 16.2 | 9.4427 | 32.6257523 | 16.4 | 17.3274 |
| 32.4353588 | 15.92 | 6.0818 | 32.5306134 | 16.2 | 9.8174 | 32.6258681 | 16.4 | 17.3217 |
| 32.4354745 | 15.92 | 6.6214 | 32.5307292 | 16.2 | 10.3982 | 32.6259838 | 16.4 | 17.4151 |
| 32.4355903 | 15.93 | 7.9417 | 32.5308449 | 16.2 | 8.9946 | 32.6260995 | 16.4 | 17.445 |
| 32.435706 | 15.92 | 6.384 | 32.5309607 | 16.2 | 8.7055 | 32.6262153 | 16.4 | 17.7164 |
| 32.4358218 | 15.99 | 12.5352 | 32.5310764 | 16.2 | 9.8808 | 32.626331 | 16.4 | 17.5449 |
| 32.4359375 | 15.99 | 10.4732 | 32.5311921 | 16.2 | 9.2949 | 32.6264468 | 16.41 | 17.8928 |
| 32.4360532 | 15.93 | 7.616 | 32.5313079 | 16.2 | 9.3363 | 32.6265625 | 16.4 | 17.9753 |
| 32.436169 | 16 | 11.0375 | 32.5314236 | 16.2 | 9.3535 | 32.6266782 | 16.41 | 17.8313 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4362847 | 16 | 11.6903 | 32.5315394 | 16.2 | 8.0951 | 32.626794 | 16.41 | 17.7614 |
| 32.4364005 | 15.96 | 7.519 | 32.5316551 | 16.23 | 13.8972 | 32.6269097 | 16.41 | 17.7048 |
| 32.4365162 | 15.93 | 6.8329 | 32.5317708 | 16.2 | 9.3691 | 32.6270255 | 16.4 | 17.5449 |
| 32.4366319 | 15.92 | 5.778 | 32.5318866 | 16.2 | 9.1096 | 32.6271412 | 16.4 | 17.5851 |
| 32.4367477 | 15.93 | 7.1497 | 32.5320023 | 16.2 | 9.9157 | 32.6272569 | 16.41 | 17.993 |
| 32.4368634 | 15.95 | 8.5935 | 32.5321181 | 16.2 | 8.3541 | 32.6273727 | 16.4 | 17.962 |
| 32.4369792 | 15.95 | 8.5379 | 32.5322338 | 16.2 | 8.7708 | 32.6274884 | 16.41 | 18.3991 |
| 32.4370949 | 15.96 | 9.4846 | 32.5323495 | 16.2 | 8.3517 | 32.6276042 | 16.41 | 18.7019 |
| 32.4372107 | 15.96 | 9.4541 | 32.5324653 | 16.2 | 8.4881 | 32.6277199 | 16.41 | 19.126 |
| 32.4373264 | 15.95 | 8.6509 | 32.532581 | 16.2 | 8.6595 | 32.6278357 | 16.41 | 18.5397 |
| 32.4374421 | 15.92 | 6.5085 | 32.5326968 | 16.2 | 8.2773 | 32.6279514 | 16.41 | 18.4402 |
| 32.4375579 | 15.93 | 6.8506 | 32.5328125 | 16.23 | 15.4803 | 32.6280671 | 16.41 | 18.3022 |
| 32.4376736 | 15.92 | 5.9226 | 32.5329282 | 16.2 | 9.7455 | 32.6281829 | 16.41 | 18.457 |
| 32.4377894 | 15.93 | 6.9794 | 32.533044 | 16.19 | 6.1788 | 32.6282986 | 16.41 | 19.0972 |
| 32.4379051 | 15.92 | 5.9788 | 32.5331597 | 16.21 | 14.2913 | 32.6284144 | 16.41 | 18.8126 |
| 32.4380208 | 15.93 | 7.8997 | 32.5332755 | 16.24 | 16.8882 | 32.6285301 | 16.41 | 18.8879 |
| 32.4381366 | 15.96 | 8.8769 | 32.5333912 | 16.27 | 19.1767 | 32.6286458 | 16.41 | 19.0223 |
| 32.4382523 | 15.93 | 8.1458 | 32.5335069 | 15.99 | 1.1348 | 32.6287616 | 16.41 | 18.9969 |
| 32.4383681 | 15.91 | 5.8253 | 32.5336227 | 16.21 | 12.5871 | 32.6288773 | 16.43 | 19.0128 |
| 32.4384838 | 15.91 | 5.405 | 32.5337384 | 16.21 | 7.5037 | 32.6289931 | 16.43 | 18.9653 |
| 32.4385995 | 15.91 | 5.4398 | 32.5338542 | 16.21 | 9.7156 | 32.6291088 | 16.41 | 19.0685 |
| 32.4387153 | 15.91 | 5.299 | 32.5339699 | 16.24 | 13.429 | 32.6292245 | 16.41 | 18.7985 |
| 32.438831 | 15.89 | 5.179 | 32.5340857 | 16.21 | 7.7603 | 32.6293403 | 16.43 | 18.8769 |
| 32.4389468 | 15.89 | 5.0628 | 32.5342014 | 16.21 | 8.6114 | 32.629456 | 16.41 | 19.1548 |
| 32.4390625 | 15.89 | 4.995 | 32.5343171 | 16.24 | 12.7946 | 32.6295718 | 16.41 | 19.0716 |
| 32.4391782 | 15.89 | 5.0201 | 32.5344329 | 16.23 | 13.5343 | 32.6296875 | 16.41 | 19.2692 |
| 32.439294 | 15.89 | 5.0968 | 32.5345486 | 16.29 | 19.2234 | 32.6298032 | 16.41 | 19.4122 |
| 32.4394097 | 15.89 | 5.1541 | 32.5346644 | 16.27 | 15.1593 | 32.629919 | 16.41 | 19.0223 |
| 32.4395255 | 15.93 | 7.1062 | 32.5347801 | 16.27 | 14.8019 | 32.6300347 | 16.4 | 18.88 |
| 32.4396412 | 15.91 | 5.8298 | 32.5348958 | 16.25 | 13.8189 | 32.6301505 | 16.41 | 18.8612 |
| 32.4397569 | 15.89 | 5.3246 | 32.5350116 | 16.27 | 15.4736 | 32.6302662 | 16.41 | 18.9005 |
| 32.4398727 | 15.89 | 5.2052 | 32.5351273 | 16.25 | 12.801 | 32.6303819 | 16.4 | 18.4372 |
| 32.4399884 | 15.89 | 5.1868 | 32.5352431 | 16.24 | 11.5868 | 32.6304977 | 16.4 | 18.1251 |
| 32.4401042 | 15.89 | 5.247 | 32.5353588 | 16.21 | 6.8756 | 32.6306134 | 16.4 | 18.346 |
| 32.4402199 | 15.92 | 7.0163 | 32.5354745 | 16.23 | 8.3913 | 32.6307292 | 16.4 | 19.0908 |
| 32.4403357 | 15.93 | 7.7402 | 32.5355903 | 16.23 | 7.905 | 32.6308449 | 16.41 | 19.1404 |
| 32.4404514 | 15.89 | 4.9578 | 32.535706 | 16.21 | 6.8459 | 32.6309607 | 16.41 | 19.3421 |
| 32.4405671 | 15.89 | 6.1555 | 32.5358218 | 16.21 | 6.4088 | 32.6310764 | 16.41 | 19.3129 |
| 32.4406829 | 15.96 | 8.6957 | 32.5359375 | 16.21 | 6.3529 | 32.6311921 | 16.41 | 19.6229 |
| 32.4407986 | 15.93 | 7.0024 | 32.5360532 | 16.21 | 6.4332 | 32.6313079 | 16.41 | 18.8094 |
| 32.4409144 | 15.79 | 0.2746 | 32.536169 | 16.21 | 6.9687 | 32.6314236 | 16.41 | 19.232 |
| 32.4410301 | 16 | 13.2757 | 32.5362847 | 16.23 | 10.7038 | 32.6315394 | 16.41 | 19.6378 |
| 32.4411458 | 15.8 | 0.8754 | 32.5364005 | 16.23 | 10.5417 | 32.6316551 | 16.41 | 20.355 |
| 32.4412616 | 15.99 | 11.8309 | 32.5365162 | 16.24 | 10.6513 | 32.6317708 | 16.41 | 20.1812 |
| 32.4413773 | 16.21 | 22.224 | 32.5366319 | 16.24 | 10.7927 | 32.6318866 | 16.41 | 20.1089 |
| 32.4414931 | 16 | 9.724 | 32.5367477 | 16.24 | 10.986 | 32.6320023 | 16.41 | 19.5616 |
| 32.4416088 | 15.97 | 9.6225 | 32.5368634 | 16.24 | 11.0359 | 32.6321181 | 16.41 | 19.2692 |
| 32.4417245 | 15.96 | 8.7678 | 32.5369792 | 16.24 | 10.9258 | 32.6322338 | 16.41 | 19.2207 |
| 32.4418403 | 15.95 | 7.9541 | 32.5370949 | 16.24 | 10.9506 | 32.6323495 | 16.41 | 18.9368 |
| 32.441956 | 16 | 9.771 | 32.5372107 | 16.24 | 11.0966 | 32.6324653 | 16.4 | 18.3264 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4420718 | 15.99 | 9.8878 | 32.5373264 | 16.24 | 11.2341 | 32.632581 | 16.41 | 19.8891 |
| 32.4421875 | 15.93 | 7.3894 | 32.5374421 | 16.24 | 11.41 | 32.6326968 | 16.41 | 19.134 |
| 32.4423032 | 15.93 | 7.112 | 32.5375579 | 16.24 | 11.202 | 32.6328125 | 16.4 | 18.0983 |
| 32.442419 | 15.92 | 6.1661 | 32.5376736 | 16.24 | 10.9229 | 32.6329282 | 16.4 | 18.5612 |
| 32.4425347 | 15.92 | 6.0002 | 32.5377894 | 16.23 | 11.0849 | 32.633044 | 16.41 | 18.2164 |
| 32.4426505 | 15.91 | 5.8726 | 32.5379051 | 16.24 | 10.9248 | 32.6331597 | 16.4 | 18.1311 |
| 32.4427662 | 15.92 | 5.8943 | 32.5380208 | 16.24 | 10.5195 | 32.6332755 | 16.4 | 17.6283 |
| 32.4428819 | 15.93 | 7.545 | 32.5381366 | 16.24 | 10.7719 | 32.6333912 | 16.39 | 17.4907 |
| 32.4429977 | 15.99 | 10.7028 | 32.5382523 | 16.24 | 10.4925 | 32.6335069 | 16.4 | 17.744 |
| 32.4431134 | 15.93 | 6.6857 | 32.5383681 | 16.23 | 10.0387 | 32.6336227 | 16.4 | 18.4586 |
| 32.4432292 | 15.97 | 10.4218 | 32.5384838 | 16.23 | 9.9146 | 32.6337384 | 16.4 | 18.2299 |
| 32.4433449 | 16.11 | 18.0094 | 32.5385995 | 16.24 | 10.6785 | 32.6338542 | 16.4 | 18.079 |
| 32.4434607 | 15.99 | 10.683 | 32.5387153 | 16.24 | 10.5223 | 32.6339699 | 16.4 | 18.1969 |
| 32.4435764 | 16.03 | 12.849 | 32.538831 | 16.24 | 11.2964 | 32.6340857 | 16.4 | 18.6399 |
| 32.4436921 | 16.05 | 14.3031 | 32.5389468 | 16.24 | 11.1197 | 32.6342014 | 16.4 | 18.7252 |
| 32.4438079 | 16.03 | 10.4646 | 32.5390625 | 16.24 | 11.5758 | 32.6343171 | 16.4 | 18.3128 |
| 32.4439236 | 15.97 | 9.39 | 32.5391782 | 16.24 | 11.0831 | 32.6344329 | 16.4 | 18.7127 |
| 32.4440394 | 15.97 | 10.036 | 32.539294 | 16.24 | 11.5788 | 32.6345486 | 16.4 | 18.5336 |
| 32.4441551 | 15.96 | 8.7644 | 32.5394097 | 16.24 | 11.1033 | 32.6346644 | 16.4 | 18.4953 |
| 32.4442708 | 15.95 | 7.7386 | 32.5395255 | 16.24 | 11.0158 | 32.6347801 | 16.4 | 18.7189 |
| 32.4443866 | 16.2 | 21.3618 | 32.5396412 | 16.24 | 11.1526 | 32.6348958 | 16.4 | 18.6879 |
| 32.4445023 | 16.01 | 12.4618 | 32.5397569 | 16.24 | 11.3609 | 32.6350116 | 16.4 | 18.5735 |
| 32.4446181 | 15.97 | 9.1671 | 32.5398727 | 16.24 | 11.3316 | 32.6351273 | 16.4 | 18.5705 |
| 32.4447338 | 15.95 | 8.637 | 32.5399884 | 16.24 | 11.2243 | 32.6352431 | 16.4 | 18.8204 |
| 32.4448495 | 15.95 | 8.1679 | 32.5401042 | 16.24 | 11.5352 | 32.6353588 | 16.4 | 18.9842 |
| 32.4449653 | 15.93 | 7.376 | 32.5402199 | 16.24 | 11.5105 | 32.6354745 | 16.4 | 19.1451 |
| 32.445081 | 15.92 | 6.4921 | 32.5403357 | 16.24 | 11.7463 | 32.6355903 | 16.41 | 19.1998 |
| 32.4451968 | 15.92 | 6.2078 | 32.5404514 | 16.25 | 11.7896 | 32.635706 | 16.4 | 19.027 |
| 32.4453125 | 15.91 | 5.8087 | 32.5405671 | 16.25 | 12.5904 | 32.6358218 | 16.4 | 19.0987 |
| 32.4454282 | 15.89 | 5.3071 | 32.5406829 | 16.25 | 12.5988 | 32.6359375 | 16.41 | 19.3681 |
| 32.445544 | 15.89 | 5.5398 | 32.5407986 | 16.25 | 12.6251 | 32.6360532 | 16.41 | 19.126 |
| 32.4456597 | 15.91 | 5.8547 | 32.5409144 | 16.25 | 12.7023 | 32.636169 | 16.4 | 19.24 |
| 32.4457755 | 15.91 | 5.7973 | 32.5410301 | 16.28 | 15.476 | 32.6362847 | 16.41 | 19.4089 |
| 32.4458912 | 15.91 | 5.9157 | 32.5411458 | 16.27 | 13.2051 | 32.6364005 | 16.41 | 19.3161 |
| 32.4460069 | 15.91 | 5.8355 | 32.5412616 | 16.27 | 14.6195 | 32.6365162 | 16.41 | 19.4941 |
| 32.4461227 | 15.92 | 6.9304 | 32.5413773 | 16.28 | 15.0993 | 32.6366319 | 16.4 | 19.4366 |
| 32.4462384 | 15.92 | 6.7362 | 32.5414931 | 16.27 | 13.7838 | 32.6367477 | 16.41 | 19.5699 |
| 32.4463542 | 15.93 | 7.44 | 32.5416088 | 16.27 | 14.3888 | 32.6368634 | 16.4 | 19.5072 |
| 32.4464699 | 15.91 | 5.7833 | 32.5417245 | 16.25 | 12.716 | 32.6369792 | 16.4 | 19.7427 |
| 32.4465857 | 15.92 | 7.8259 | 32.5418403 | 16.27 | 12.5757 | 32.6370949 | 16.41 | 19.691 |
| 32.4467014 | 15.96 | 9.2499 | 32.541956 | 16.27 | 13.2487 | 32.6372107 | 16.41 | 20.1485 |
| 32.4468171 | 15.92 | 7.0106 | 32.5420718 | 16.25 | 12.1396 | 32.6373264 | 16.41 | 19.9433 |
| 32.4469329 | 15.95 | 8.7758 | 32.5421875 | 16.27 | 13.3408 | 32.6374421 | 16.4 | 19.8165 |
| 32.4470486 | 15.96 | 8.8685 | 32.5423032 | 16.27 | 13.3496 | 32.6375579 | 16.41 | 19.691 |
| 32.4471644 | 16 | 10.5742 | 32.542419 | 16.27 | 11.8834 | 32.6376736 | 16.4 | 19.9636 |
| 32.4472801 | 15.96 | 8.5202 | 32.5425347 | 16.27 | 12.8619 | 32.6377894 | 16.41 | 20.1175 |
| 32.4473958 | 15.95 | 8.0221 | 32.5426505 | 16.25 | 10.0808 | 32.6379051 | 16.4 | 19.9279 |
| 32.4475116 | 15.93 | 7.5412 | 32.5427662 | 16.27 | 13.2444 | 32.6380208 | 16.41 | 20.0695 |
| 32.4476273 | 15.95 | 8.1015 | 32.5428819 | 16.27 | 13.9937 | 32.6381366 | 16.4 | 20.0471 |
| 32.4477431 | 15.95 | 8.1838 | 32.5429977 | 16.25 | 12.2796 | 32.6382523 | 16.4 | 20.071 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4478588 | 15.95 | 7.8115 | 32.5431134 | 16.27 | 12.4187 | 32.6383681 | 16.41 | 20.1605 |
| 32.4479745 | 15.93 | 7.1541 | 32.5432292 | 16.27 | 12.997 | 32.6384838 | 16.41 | 20.0849 |
| 32.4480903 | 15.93 | 7.1767 | 32.5433449 | 16.27 | 13.1441 | 32.6385995 | 16.4 | 20.3688 |
| 32.448206 | 15.93 | 6.9287 | 32.5434607 | 16.27 | 13.5142 | 32.6387153 | 16.4 | 20.3513 |
| 32.4483218 | 15.92 | 6.9162 | 32.5435764 | 16.27 | 13.6893 | 32.638831 | 16.4 | 19.8519 |
| 32.4484375 | 15.95 | 7.9869 | 32.5436921 | 16.27 | 12.9658 | 32.6389468 | 16.39 | 19.2561 |
| 32.4485532 | 15.93 | 7.6669 | 32.5438079 | 16.27 | 13.3672 | 32.6390625 | 16.39 | 19.0636 |
| 32.448669 | 15.97 | 9.39 | 32.5439236 | 16.27 | 13.7489 | 32.6391782 | 16.39 | 18.8674 |
| 32.4487847 | 15.97 | 9.7739 | 32.5440394 | 16.25 | 12.5158 | 32.639294 | 16.39 | 18.7376 |
| 32.4489005 | 15.97 | 9.5058 | 32.5441551 | 16.27 | 14.5356 | 32.6394097 | 16.37 | 18.4144 |
| 32.4490162 | 15.99 | 10.8136 | 32.5442708 | 16.27 | 14.4122 | 32.6395255 | 16.37 | 18.506 |
| 32.4491319 | 16.07 | 15.8963 | 32.5443866 | 16.28 | 13.419 | 32.6396412 | 16.35 | 18.1896 |
| 32.4492477 | 16.03 | 13.1729 | 32.5445023 | 16.27 | 13.1866 | 32.6397569 | 16.36 | 18.1297 |
| 32.4493634 | 16.05 | 14.5706 | 32.5446181 | 16.28 | 14.1981 | 32.6398727 | 16.37 | 19.0047 |
| 32.4494792 | 16.03 | 11.5025 | 32.5447338 | 16.28 | 13.5887 | 32.6399884 | 16.39 | 19.1724 |
| 32.4495949 | 16 | 11.1865 | 32.5448495 | 16.27 | 13.1018 | 32.6401042 | 16.37 | 18.8376 |
| 32.4497107 | 15.96 | 8.4228 | 32.5449653 | 16.27 | 12.519 | 32.6402199 | 16.37 | 18.7267 |
| 32.4498264 | 16.04 | 12.879 | 32.545081 | 16.27 | 12.5012 | 32.6403357 | 16.37 | 18.6121 |
| 32.4499421 | 16.03 | 12.994 | 32.5451968 | 16.27 | 9.9262 | 32.6404514 | 16.37 | 18.8297 |
| 32.4500579 | 15.93 | 6.3851 | 32.5453125 | 16.25 | 7.7993 | 32.6405671 | 16.37 | 18.8862 |
| 32.4501736 | 15.93 | 6.6218 | 32.5454282 | 16.27 | 10.547 | 32.6406829 | 16.37 | 18.8203 |
| 32.4502894 | 15.97 | 9.5583 | 32.545544 | 16.25 | 10.4379 | 32.6407986 | 16.36 | 18.048 |
| 32.4504051 | 15.97 | 10.0188 | 32.5456597 | 16.25 | 11.1769 | 32.6409144 | 16.36 | 18.6817 |
| 32.4505208 | 15.96 | 8.3165 | 32.5457755 | 16.27 | 13.3969 | 32.6410301 | 16.37 | 19.525 |
| 32.4506366 | 15.96 | 9.091 | 32.5458912 | 16.27 | 12.8501 | 32.6411458 | 16.36 | 18.7143 |
| 32.4507523 | 16.03 | 13.2373 | 32.5460069 | 16.27 | 13.9606 | 32.6412616 | 16.37 | 19.2576 |
| 32.4508681 | 16.01 | 12.6808 | 32.5461227 | 16.27 | 14.479 | 32.6413773 | 16.37 | 18.4754 |
| 32.4509838 | 16.01 | 11.1294 | 32.5462384 | 16.28 | 14.5296 | 32.6414931 | 16.36 | 18.1626 |
| 32.4510995 | 15.99 | 9.8851 | 32.5463542 | 16.27 | 14.5356 | 32.6416088 | 16.37 | 18.5198 |
| 32.4512153 | 15.93 | 7.0657 | 32.5464699 | 16.27 | 14.9633 | 32.6417245 | 16.37 | 18.3189 |
| 32.451331 | 16 | 10.8842 | 32.5465857 | 16.27 | 14.8246 | 32.6418403 | 16.37 | 18.609 |
| 32.4514468 | 16 | 12.5163 | 32.5467014 | 16.28 | 15.1152 | 32.641956 | 16.37 | 18.8172 |
| 32.4515625 | 15.99 | 9.9976 | 32.5468171 | 16.27 | 14.6527 | 32.6420718 | 16.37 | 18.384 |
| 32.4516782 | 15.99 | 10.5591 | 32.5469329 | 16.27 | 14.9717 | 32.6421875 | 16.37 | 18.4953 |
| 32.451794 | 15.92 | 6.7762 | 32.5470486 | 16.27 | 14.5615 | 32.6423032 | 16.37 | 18.7158 |
| 32.4519097 | 15.93 | 6.3319 | 32.5471644 | 16.27 | 14.3083 | 32.642419 | 16.37 | 18.4205 |
| 32.4520255 | 16.01 | 12.9155 | 32.5472801 | 16.27 | 14.3013 | 32.6425347 | 16.37 | 18.191 |
| 32.4521412 | 16.01 | 12.5111 | 32.5473958 | 16.27 | 13.8177 | 32.6426505 | 16.37 | 18.251 |
| 32.4522569 | 16.01 | 12.8994 | 32.5475116 | 16.28 | 13.8199 | 32.6427662 | 16.36 | 18.3583 |
| 32.4523727 | 16.07 | 15.3402 | 32.5476273 | 16.28 | 13.7792 | 32.6428819 | 16.37 | 18.1357 |
| 32.4524884 | 16.09 | 16.3756 | 32.5477431 | 16.28 | 13.8289 | 32.6429977 | 16.36 | 18.0213 |
| 32.4526042 | 16.11 | 17.3172 | 32.5478588 | 16.28 | 13.8414 | 32.6431134 | 16.37 | 18.1252 |
| 32.4527199 | 16.09 | 15.6023 | 32.5479745 | 16.28 | 13.9583 | 32.6432292 | 16.37 | 18.254 |
| 32.4528357 | 16.01 | 11.9627 | 32.5480903 | 16.28 | 14.0634 | 32.6433449 | 16.37 | 18.1835 |
| 32.4529514 | 16.03 | 12.0117 | 32.548206 | 16.28 | 14.16 | 32.6434607 | 16.37 | 18.1506 |
| 32.4530671 | 15.99 | 9.7966 | 32.5483218 | 16.28 | 14.2421 | 32.6435764 | 16.37 | 18.2105 |
| 32.4531829 | 16.05 | 14.8232 | 32.5484375 | 16.28 | 14.3513 | 32.6436921 | 16.37 | 18.4922 |
| 32.4532986 | 16.04 | 12.8319 | 32.5485532 | 16.28 | 14.3315 | 32.6438079 | 16.37 | 18.5259 |
| 32.4534144 | 16.05 | 13.7354 | 32.548669 | 16.29 | 14.0141 | 32.6439236 | 16.37 | 18.451 |
| 32.4535301 | 16.11 | 18.131 | 32.5487847 | 16.28 | 14.2247 | 32.6440394 | 16.37 | 18.5812 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4536458 | 16.05 | 12.1089 | 32.5489005 | 16.29 | 14.1185 | 32.6441551 | 16.36 | 18.2978 |
| 32.4537616 | 16.12 | 17.639 | 32.5490162 | 16.28 | 12.925 | 32.6442708 | 16.37 | 18.4724 |
| 32.4538773 | 16.07 | 14.5184 | 32.5491319 | 16.28 | 13.4377 | 32.6443866 | 16.37 | 18.629 |
| 32.4539931 | 16.11 | 16.3489 | 32.5492477 | 16.29 | 13.6915 | 32.6445023 | 16.37 | 18.3068 |
| 32.4541088 | 15.99 | 8.1756 | 32.5493634 | 16.28 | 13.8527 | 32.6446181 | 16.37 | 18.6399 |
| 32.4542245 | 16.08 | 15.639 | 32.5494792 | 16.28 | 14.1958 | 32.6447338 | 16.36 | 18.6167 |
| 32.4543403 | 16.01 | 10.3153 | 32.5495949 | 16.28 | 14.2398 | 32.6448495 | 16.37 | 18.4418 |
| 32.454456 | 16.03 | 12.3046 | 32.5497107 | 16.28 | 14.3805 | 32.6449653 | 16.36 | 18.6244 |
| 32.4545718 | 15.97 | 9.7135 | 32.5498264 | 16.28 | 14.3327 | 32.645081 | 16.36 | 18.5751 |
| 32.4546875 | 16.07 | 14.5066 | 32.5499421 | 16.28 | 14.8859 | 32.6451968 | 16.37 | 18.9414 |
| 32.4548032 | 16.03 | 13.2395 | 32.5500579 | 16.28 | 15.0372 | 32.6453125 | 16.36 | 18.7656 |
| 32.454919 | 16.03 | 12.1632 | 32.5501736 | 16.29 | 15.3068 | 32.6454282 | 16.36 | 18.9351 |
| 32.4550347 | 15.99 | 8.9575 | 32.5502894 | 16.28 | 14.6621 | 32.645544 | 16.36 | 18.8579 |
| 32.4551505 | 15.99 | 10.8127 | 32.5504051 | 16.28 | 14.809 | 32.6456597 | 16.37 | 18.7812 |
| 32.4552662 | 16.11 | 17.629 | 32.5505208 | 16.28 | 13.9594 | 32.6457755 | 16.36 | 18.8219 |
| 32.4553819 | 16.19 | 21.7587 | 32.5506366 | 16.28 | 14.2305 | 32.6458912 | 16.37 | 18.7688 |
| 32.4554977 | 16.05 | 12.9584 | 32.5507523 | 16.28 | 13.9207 | 32.6460069 | 16.36 | 18.6136 |
| 32.4556134 | 16.04 | 12.286 | 32.5508681 | 16.28 | 13.9264 | 32.6461227 | 16.36 | 18.6538 |
| 32.4557292 | 15.99 | 9.2232 | 32.5509838 | 16.27 | 13.4853 | 32.6462384 | 16.36 | 18.6615 |
| 32.4558449 | 16.04 | 12.1519 | 32.5510995 | 16.27 | 4.6618 | 32.6463542 | 16.36 | 18.5167 |
| 32.4559607 | 16.03 | 12.1858 | 32.5512153 | 16.12 | 0.1669 | 32.6464699 | 16.37 | 18.3461 |
| 32.4560764 | 16.03 | 12.3878 | 32.551331 | 16.24 | 4.3419 | 32.6465857 | 16.36 | 18.3552 |
| 32.4561921 | 16.11 | 15.5706 | 32.5514468 | 16.09 | 0.179 | 32.6467014 | 16.36 | 18.2571 |
| 32.4563079 | 16.08 | 15.467 | 32.5515625 | 16.27 | 4.5902 | 32.6468171 | 16.36 | 18.2541 |
| 32.4564236 | 16.17 | 20.4631 | 32.5516782 | 16.27 | 6.9782 | 32.6469329 | 16.36 | 18.334 |
| 32.4565394 | 16.19 | 21.2868 | 32.551794 | 16.28 | 5.7146 | 32.6470486 | 16.36 | 18.378 |
| 32.4566551 | 16.09 | 14.8637 | 32.5519097 | 16.28 | 6.1163 | 32.6471644 | 16.35 | 18.3901 |
| 32.4567708 | 16.03 | 10.3858 | 32.5520255 | 16.29 | 8.1842 | 32.6472801 | 16.36 | 18.7205 |
| 32.4568866 | 16.03 | 11.1403 | 32.5521412 | 16 | 0.5076 | 32.6473958 | 16.36 | 18.5551 |
| 32.4570023 | 16.05 | 12.9638 | 32.5522569 | 16.31 | 10.5198 | 32.6475116 | 16.35 | 18.212 |
| 32.4571181 | 16.12 | 16.5765 | 32.5523727 | 16.31 | 12.1676 | 32.6476273 | 16.35 | 18.3295 |
| 32.4572338 | 16.08 | 14.374 | 32.5524884 | 16.32 | 10.2899 | 32.6477431 | 16.36 | 18.2315 |
| 32.4573495 | 16.08 | 15.3661 | 32.5526042 | 16.32 | 7.1268 | 32.6478588 | 16.36 | 18.188 |
| 32.4574653 | 16.05 | 13.3822 | 32.5527199 | 16.12 | 0.4337 | 32.6479745 | 16.36 | 18.1492 |
| 32.457581 | 16.01 | 10.8815 | 32.5528357 | 16.21 | 11.6621 | 32.6480903 | 16.36 | 18.1327 |
| 32.4576968 | 16.05 | 12.9951 | 32.5529514 | 16.32 | 10.3349 | 32.648206 | 16.36 | 18.2736 |
| 32.4578125 | 16.01 | 10.6683 | 32.5530671 | 16.33 | 19.5841 | 32.6483218 | 16.36 | 18.4251 |
| 32.4579282 | 16.03 | 11.7607 | 32.5531829 | 16.33 | 18.0007 | 32.6484375 | 16.36 | 18.5613 |
| 32.458044 | 16.01 | 11.2899 | 32.5532986 | 16.33 | 17.3519 | 32.6485532 | 16.36 | 18.3507 |
| 32.4581597 | 16.05 | 12.8426 | 32.5534144 | 16.33 | 12.2078 | 32.648669 | 16.35 | 17.7312 |
| 32.4582755 | 16.04 | 12.3784 | 32.5535301 | 16.33 | 15.4318 | 32.6487847 | 16.35 | 17.7182 |
| 32.4583912 | 16.01 | 11.1468 | 32.5536458 | 16.33 | 18.8846 | 32.6489005 | 16.35 | 17.541 |
| 32.4585069 | 16.04 | 12.5626 | 32.5537616 | 16.31 | 12.9197 | 32.6490162 | 16.33 | 17.6778 |
| 32.4586227 | 16.09 | 15.1135 | 32.5538773 | 16.31 | 14.1933 | 32.6491319 | 16.35 | 17.9254 |
| 32.4587384 | 16.09 | 15.2608 | 32.5539931 | 16.32 | 15.5056 | 32.6492477 | 16.33 | 17.5841 |
| 32.4588542 | 16.07 | 14.3694 | 32.5541088 | 16.31 | 14.0564 | 32.6493634 | 16.33 | 17.5784 |
| 32.4589699 | 16.08 | 14.865 | 32.5542245 | 16.31 | 14.5435 | 32.6494792 | 16.32 | 18.0067 |
| 32.4590857 | 16.07 | 14.1189 | 32.5543403 | 16.32 | 16.4593 | 32.6495949 | 16.32 | 17.6663 |
| 32.4592014 | 16.09 | 15.6339 | 32.554456 | 16.33 | 17.2744 | 32.6497107 | 16.32 | 17.4427 |
| 32.4593171 | 16.08 | 14.6129 | 32.5545718 | 16.32 | 17.3083 | 32.6498264 | 16.32 | 17.3492 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4594329 | 16.08 | 15.2597 | 32.5546875 | 16.32 | 14.8843 | 32.6499421 | 16.32 | 17.5512 |
| 32.4595486 | 16.15 | 17.7196 | 32.5548032 | 16.31 | 14.2871 | 32.6500579 | 16.33 | 17.6518 |
| 32.4596644 | 16.15 | 19.5483 | 32.554919 | 16.31 | 13.4034 | 32.6501736 | 16.32 | 17.6908 |
| 32.4597801 | 16.13 | 17.7314 | 32.5550347 | 16.32 | 16.6199 | 32.6502894 | 16.32 | 17.7881 |
| 32.4598958 | 16.15 | 18.0951 | 32.5551505 | 16.33 | 17.1582 | 32.6504051 | 16.35 | 18.7875 |
| 32.4600116 | 16.17 | 20.159 | 32.5552662 | 16.33 | 18.413 | 32.6505208 | 16.35 | 18.0821 |
| 32.4601273 | 16.16 | 19.4402 | 32.5553819 | 16.33 | 18.448 | 32.6506366 | 16.33 | 17.9476 |
| 32.4602431 | 16.16 | 19.7807 | 32.5554977 | 16.32 | 15.4631 | 32.6507523 | 16.33 | 17.9226 |
| 32.4603588 | 16.03 | 12.0893 | 32.5556134 | 16.32 | 15.2497 | 32.6508681 | 16.33 | 17.9801 |
| 32.4604745 | 16.13 | 17.5399 | 32.5557292 | 16.32 | 14.7142 | 32.6509838 | 16.33 | 18.1329 |
| 32.4605903 | 16.15 | 18.2926 | 32.5558449 | 16.32 | 14.9785 | 32.6510995 | 16.35 | 18.2737 |
| 32.460706 | 16.13 | 17.8975 | 32.5559607 | 16.32 | 16.3043 | 32.6512153 | 16.35 | 18.2782 |
| 32.4608218 | 16.12 | 17.2427 | 32.5560764 | 16.32 | 15.4369 | 32.651331 | 16.33 | 17.9314 |
| 32.4609375 | 16.11 | 16.8172 | 32.5561921 | 16.31 | 14.9835 | 32.6514468 | 16.33 | 18.0185 |
| 32.4610532 | 16.11 | 17.1994 | 32.5563079 | 16.32 | 15.1441 | 32.6515625 | 16.35 | 18.094 |
| 32.461169 | 16.13 | 17.8843 | 32.5564236 | 16.31 | 14.7405 | 32.6516782 | 16.33 | 18.1762 |
| 32.4612847 | 16.12 | 17.5271 | 32.5565394 | 16.31 | 12.5254 | 32.651794 | 16.35 | 18.0258 |
| 32.4614005 | 16.16 | 18.9113 | 32.5566551 | 16.31 | 12.1574 | 32.6519097 | 16.33 | 17.9035 |
| 32.4615162 | 16.16 | 19.2069 | 32.5567708 | 16.31 | 12.4773 | 32.6520255 | 16.35 | 18.9146 |
| 32.4616319 | 16.13 | 17.7024 | 32.5568866 | 16.31 | 11.3666 | 32.6521412 | 16.35 | 18.5198 |
| 32.4617477 | 16.15 | 18.7564 | 32.5570023 | 16.32 | 17.4371 | 32.6522569 | 16.35 | 18.6693 |
| 32.4618634 | 16.15 | 18.5863 | 32.5571181 | 16.31 | 17.3832 | 32.6523727 | 16.35 | 18.8689 |
| 32.4619792 | 16.16 | 19.4614 | 32.5572338 | 16.31 | 13.1865 | 32.6524884 | 16.35 | 18.9461 |
| 32.4620949 | 16.13 | 18.2987 | 32.5573495 | 16.31 | 12.9519 | 32.6526042 | 16.35 | 18.9177 |
| 32.4622107 | 16.17 | 19.5303 | 32.5574653 | 16.31 | 14.6144 | 32.6527199 | 16.35 | 18.8407 |
| 32.4623264 | 16.17 | 19.9034 | 32.557581 | 16.31 | 15.4495 | 32.6528357 | 16.36 | 19.3548 |
| 32.4624421 | 16.12 | 17.3059 | 32.5576968 | 16.32 | 12.2748 | 32.6529514 | 16.36 | 19.5976 |
| 32.4625579 | 16.12 | 17.6664 | 32.5578125 | 16.31 | 14.5541 | 32.6530671 | 16.35 | 19.6223 |
| 32.4626736 | 16.15 | 18.359 | 32.5579282 | 16.31 | 16.0652 | 32.6531829 | 16.35 | 19.5315 |
| 32.4627894 | 16.15 | 18.6866 | 32.558044 | 16.31 | 15.7989 | 32.6532986 | 16.35 | 19.5381 |
| 32.4629051 | 16.16 | 18.3862 | 32.5581597 | 16.31 | 16.2676 | 32.6534144 | 16.35 | 19.6439 |
| 32.4630208 | 16.11 | 16.3107 | 32.5582755 | 16.31 | 16.8314 | 32.6535301 | 16.35 | 19.5546 |
| 32.4631366 | 16.17 | 19.9068 | 32.5583912 | 16.31 | 17.0569 | 32.6536458 | 16.35 | 19.3564 |
| 32.4632523 | 16.17 | 19.6094 | 32.5585069 | 16.31 | 17.0763 | 32.6537616 | 16.35 | 19.5117 |
| 32.4633681 | 16.13 | 17.4486 | 32.5586227 | 16.31 | 17.2549 | 32.6538773 | 16.35 | 19.7138 |
| 32.4634838 | 16.15 | 18.8156 | 32.5587384 | 16.31 | 17.2311 | 32.6539931 | 16.35 | 19.5612 |
| 32.4635995 | 16.2 | 20.9209 | 32.5588542 | 16.32 | 17.9506 | 32.6541088 | 16.33 | 19.4068 |
| 32.4637153 | 16.2 | 21.0413 | 32.5589699 | 16.32 | 17.8435 | 32.6542245 | 16.32 | 19.2525 |
| 32.463831 | 16.19 | 20.13 | 32.5590857 | 16.32 | 17.2072 | 32.6543403 | 16.33 | 19.3546 |
| 32.4639468 | 16.19 | 20.2576 | 32.5592014 | 16.32 | 16.7469 | 32.654456 | 16.32 | 19.1689 |
| 32.4640625 | 16.19 | 20.3183 | 32.5593171 | 16.31 | 17.5599 | 32.6545718 | 16.32 | 19.1512 |
| 32.4641782 | 16.15 | 18.1323 | 32.5594329 | 16.32 | 18.6383 | 32.6546875 | 16.31 | 19.1817 |
| 32.464294 | 16.19 | 20.0189 | 32.5595486 | 16.31 | 18.4374 | 32.6548032 | 16.32 | 19.1368 |
| 32.4644097 | 16.16 | 19.8848 | 32.5596644 | 16.32 | 18.2949 | 32.654919 | 16.31 | 19.1224 |
| 32.4645255 | 16.13 | 16.7979 | 32.5597801 | 16.32 | 18.8469 | 32.6550347 | 16.32 | 19.0538 |
| 32.4646412 | 16.2 | 20.6797 | 32.5598958 | 16.31 | 18.1017 | 32.6551505 | 16.31 | 19.0046 |
| 32.4647569 | 16.19 | 19.3313 | 32.5600116 | 16.31 | 17.1124 | 32.6552662 | 16.31 | 18.9508 |
| 32.4648727 | 16.17 | 19.2504 | 32.5601273 | 16.32 | 18.0674 | 32.6553819 | 16.31 | 19.0157 |
| 32.4649884 | 16.12 | 14.7865 | 32.5602431 | 16.32 | 18.4938 | 32.6554977 | 16.32 | 19.1048 |
| 32.4651042 | 16.04 | 12.1952 | 32.5603588 | 16.32 | 19.3595 | 32.6556134 | 16.32 | 19.23 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4652199 | 16.15 | 18.4318 | 32.5604745 | 16.32 | 19.1978 | 32.6557292 | 16.32 | 19.065 |
| 32.4653357 | 16.19 | 19.951 | 32.5605903 | 16.32 | 19.0921 | 32.6558449 | 16.31 | 19.0984 |
| 32.4654514 | 16.17 | 20.0374 | 32.560706 | 16.32 | 19.3888 | 32.6559607 | 16.31 | 18.9508 |
| 32.4655671 | 16.21 | 21.4618 | 32.5608218 | 16.32 | 18.9429 | 32.6560764 | 16.31 | 18.9571 |
| 32.4656829 | 16.23 | 21.9133 | 32.5609375 | 16.32 | 18.1867 | 32.6561921 | 16.31 | 19.2074 |
| 32.4657986 | 16.09 | 15.1539 | 32.5610532 | 16.32 | 18.1987 | 32.6563079 | 16.31 | 19.1336 |
| 32.4659144 | 16.11 | 15.6918 | 32.561169 | 16.32 | 19.5593 | 32.6564236 | 16.32 | 19.6437 |
| 32.4660301 | 16.15 | 18.1159 | 32.5612847 | 16.32 | 19.4639 | 32.6565394 | 16.32 | 19.5461 |
| 32.4661458 | 16.16 | 18.9822 | 32.5614005 | 16.32 | 19.14 | 32.6566551 | 16.32 | 19.5576 |
| 32.4662616 | 16.16 | 19.3409 | 32.5615162 | 16.32 | 18.8877 | 32.6567708 | 16.32 | 19.523 |
| 32.4663773 | 16.15 | 18.7377 | 32.5616319 | 16.33 | 18.5751 | 32.6568866 | 16.32 | 19.5907 |
| 32.4664931 | 16.15 | 18.0491 | 32.5617477 | 16.32 | 19.0125 | 32.6570023 | 16.31 | 19.5427 |
| 32.4666088 | 16.16 | 18.8689 | 32.5618634 | 16.32 | 19.0522 | 32.6571181 | 16.31 | 19.1993 |
| 32.4667245 | 16.19 | 20.4441 | 32.5619792 | 16.33 | 18.8956 | 32.6572338 | 16.29 | 19.0569 |
| 32.4668403 | 16.19 | 20.3514 | 32.5620949 | 16.33 | 18.0703 | 32.6573495 | 16.29 | 18.9255 |
| 32.466956 | 16.2 | 20.7136 | 32.5622107 | 16.32 | 19.3221 | 32.6574653 | 16.29 | 19.0252 |
| 32.4670718 | 16.05 | 10.3225 | 32.5623264 | 16.32 | 19.2267 | 32.657581 | 16.29 | 19.0141 |
| 32.4671875 | 16.13 | 16.2775 | 32.5624421 | 16.33 | 19.4574 | 32.6576968 | 16.29 | 18.9287 |
| 32.4673032 | 16.17 | 20.0955 | 32.5625579 | 16.32 | 18.8767 | 32.6578125 | 16.29 | 18.883 |
| 32.467419 | 16.23 | 21.8239 | 32.5626736 | 16.32 | 18.5352 | 32.6579282 | 16.29 | 18.9776 |
| 32.4675347 | 16.23 | 21.5686 | 32.5627894 | 16.33 | 18.3009 | 32.658044 | 16.29 | 19.0315 |
| 32.4676505 | 16.23 | 21.6048 | 32.5629051 | 16.33 | 17.5511 | 32.6581597 | 16.29 | 19.0141 |
| 32.4677662 | 16.25 | 22.5179 | 32.5630208 | 16.33 | 17.7968 | 32.6582755 | 16.29 | 18.946 |
| 32.4678819 | 16.23 | 21.5135 | 32.5631366 | 16.32 | 17.072 | 32.6583912 | 16.29 | 18.8187 |
| 32.4679977 | 16.19 | 20.118 | 32.5632523 | 16.32 | 18.9761 | 32.6585069 | 16.29 | 18.6801 |
| 32.4681134 | 16.05 | 12.1202 | 32.5633681 | 16.32 | 19.3286 | 32.6586227 | 16.28 | 18.6879 |
| 32.4682292 | 16.23 | 22.187 | 32.5634838 | 16.32 | 18.8752 | 32.6587384 | 16.28 | 18.6014 |
| 32.4683449 | 16.27 | 22.7965 | 32.5635995 | 16.32 | 18.6646 | 32.6588542 | 16.27 | 18.5108 |
| 32.4684607 | 16.24 | 22.2432 | 32.5637153 | 16.33 | 19.073 | 32.6589699 | 16.28 | 18.6678 |
| 32.4685764 | 16.29 | 23.5371 | 32.563831 | 16.33 | 18.5275 | 32.6590857 | 16.31 | 19.3838 |
| 32.4686921 | 16.08 | 13.1499 | 32.5639468 | 16.33 | 18.6198 | 32.6592014 | 16.29 | 19.3805 |
| 32.4688079 | 16.2 | 21.1756 | 32.5640625 | 16.32 | 18.6445 | 32.6593171 | 16.32 | 19.9287 |
| 32.4689236 | 16.19 | 20.242 | 32.5641782 | 16.33 | 18.3205 | 32.6594329 | 16.32 | 19.7402 |
| 32.4690394 | 16.08 | 12.718 | 32.564294 | 16.33 | 19.3433 | 32.6595486 | 16.29 | 19.1143 |
| 32.4691551 | 16.12 | 15.568 | 32.5644097 | 16.33 | 19.193 | 32.6596644 | 16.28 | 18.6291 |
| 32.4692708 | 16.2 | 20.798 | 32.5645255 | 16.33 | 20.1731 | 32.6597801 | 16.28 | 18.7407 |
| 32.4693866 | 16.24 | 22.0057 | 32.5646412 | 16.35 | 20.2391 | 32.6598958 | 16.29 | 19.0252 |
| 32.4695023 | 16.19 | 20.2092 | 32.5647569 | 16.33 | 19.4607 | 32.6600116 | 16.28 | 18.9649 |
| 32.4696181 | 16.15 | 17.6387 | 32.5648727 | 16.33 | 18.5336 | 32.6601273 | 16.29 | 18.8171 |
| 32.4697338 | 16.31 | 24.4457 | 32.5649884 | 16.33 | 18.7376 | 32.6602431 | 16.28 | 18.789 |
| 32.4698495 | 16.32 | 24.5189 | 32.5651042 | 16.33 | 18.7298 | 32.6603588 | 16.25 | 18.4147 |
| 32.4699653 | 16.25 | 21.7031 | 32.5652199 | 16.35 | 19.5645 | 32.6604745 | 16.24 | 18.1781 |
| 32.470081 | 16.24 | 20.862 | 32.5653357 | 16.33 | 19.259 | 32.6605903 | 16.24 | 18.3057 |
| 32.4701968 | 16.2 | 19.5849 | 32.5654514 | 16.33 | 18.9019 | 32.660706 | 16.27 | 19.1207 |
| 32.4703125 | 16.23 | 21.6602 | 32.5655671 | 16.33 | 19.41 | 32.6608218 | 16.27 | 18.8861 |
| 32.4704282 | 16.27 | 22.8006 | 32.5656829 | 16.33 | 18.8925 | 32.6609375 | 16.28 | 18.8453 |
| 32.470544 | 16.28 | 22.8929 | 32.5657986 | 16.33 | 19.3611 | 32.6610532 | 16.27 | 18.7547 |
| 32.4706597 | 16.27 | 22.7054 | 32.5659144 | 16.33 | 19.1785 | 32.661169 | 16.29 | 18.9428 |
| 32.4707755 | 16.25 | 22.0336 | 32.5660301 | 16.33 | 19.6205 | 32.6612847 | 16.31 | 19.4835 |
| 32.4708912 | 16.24 | 21.6356 | 32.5661458 | 16.33 | 18.8815 | 32.6614005 | 16.29 | 19.1977 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4710069 | 16.27 | 22.4275 | 32.5662616 | 16.35 | 19.6705 | 32.6615162 | 16.27 | 18.5752 |
| 32.4711227 | 16.16 | 16.0707 | 32.5663773 | 16.33 | 19.4591 | 32.6616319 | 16.29 | 19.1688 |
| 32.4712384 | 16.19 | 18.2848 | 32.5664931 | 16.33 | 19.2801 | 32.6617477 | 16.28 | 18.9982 |
| 32.4713542 | 16.25 | 22.5158 | 32.5666088 | 16.35 | 20.1993 | 32.6618634 | 16.27 | 18.5552 |
| 32.4714699 | 16.17 | 17.1318 | 32.5667245 | 16.33 | 19.0205 | 32.6619792 | 16.27 | 18.8328 |
| 32.4715857 | 16.11 | 14.983 | 32.5668403 | 16.33 | 18.9872 | 32.6620949 | 16.27 | 18.5552 |
| 32.4717014 | 16.11 | 14.7483 | 32.566956 | 16.33 | 18.7687 | 32.6622107 | 16.23 | 18.0738 |
| 32.4718171 | 16.16 | 18.0268 | 32.5670718 | 16.33 | 19.0157 | 32.6623264 | 16.24 | 18.3632 |
| 32.4719329 | 16.12 | 14.5687 | 32.5671875 | 16.33 | 18.9019 | 32.6624421 | 16.29 | 19.6103 |
| 32.4720486 | 16.16 | 18.476 | 32.5673032 | 16.33 | 19.0666 | 32.6625579 | 16.27 | 18.8532 |
| 32.4721644 | 16.17 | 18.7517 | 32.567419 | 16.33 | 18.9382 | 32.6626736 | 16.24 | 18.5968 |
| 32.4722801 | 16.16 | 18.8548 | 32.5675347 | 16.33 | 18.5061 | 32.6627894 | 16.24 | 18.5017 |
| 32.4723958 | 16.16 | 16.9838 | 32.5676505 | 16.33 | 18.5921 | 32.6629051 | 16.24 | 18.3435 |
| 32.4725116 | 16.16 | 18.0609 | 32.5677662 | 16.33 | 18.609 | 32.6630208 | 16.24 | 18.339 |
| 32.4726273 | 16.21 | 21.4166 | 32.5678819 | 16.33 | 18.6956 | 32.6631366 | 16.23 | 17.8646 |
| 32.4727431 | 16.15 | 17.8432 | 32.5679977 | 16.33 | 18.7049 | 32.6632523 | 16.21 | 17.8823 |
| 32.4728588 | 16.15 | 18.104 | 32.5681134 | 16.33 | 18.1851 | 32.6633681 | 16.24 | 17.4605 |
| 32.4729745 | 16.23 | 21.6315 | 32.5682292 | 16.33 | 18.6739 | 32.6634838 | 16.24 | 17.5576 |
| 32.4730903 | 16.23 | 20.4079 | 32.5683449 | 16.32 | 15.7707 | 32.6635995 | 16.23 | 18.0101 |
| 32.473206 | 16.25 | 22.7684 | 32.5684607 | 16.33 | 18.4862 | 32.6637153 | 16.25 | 18.2289 |
| 32.4733218 | 16.12 | 14.6232 | 32.5685764 | 16.33 | 18.2813 | 32.663831 | 16.25 | 18.1586 |
| 32.4734375 | 16.17 | 18.8391 | 32.5686921 | 16.32 | 17.1527 | 32.6639468 | 16.25 | 18.2289 |
| 32.4735532 | 16.12 | 13.9262 | 32.5688079 | 16.32 | 18.0008 | 32.6640625 | 16.25 | 18.1945 |
| 32.473669 | 16.11 | 13.4184 | 32.5689236 | 16.33 | 18.8516 | 32.6641782 | 16.25 | 18.3072 |
| 32.4737847 | 16.08 | 12.0834 | 32.5690394 | 16.33 | 18.9334 | 32.664294 | 16.28 | 19.18 |
| 32.4739005 | 16.16 | 18.7579 | 32.5691551 | 16.35 | 19.1033 | 32.6644097 | 16.28 | 18.705 |
| 32.4740162 | 16.19 | 18.6385 | 32.5692708 | 16.33 | 19.3141 | 32.6645255 | 16.27 | 18.7765 |
| 32.4741319 | 16.17 | 18.5847 | 32.5693866 | 16.33 | 19.1962 | 32.6646412 | 16.29 | 19.8237 |
| 32.4742477 | 16.13 | 16.5442 | 32.5695023 | 16.33 | 19.1785 | 32.6647569 | 16.31 | 19.9032 |
| 32.4743634 | 16.11 | 14.653 | 32.5696181 | 16.33 | 17.9874 | 32.6648727 | 16.31 | 20.0169 |
| 32.4744792 | 16.15 | 16.3326 | 32.5697338 | 16.29 | 13.1257 | 32.6649884 | 16.31 | 20.0921 |
| 32.4745949 | 16.13 | 16.0426 | 32.5698495 | 16.32 | 16.5528 | 32.6651042 | 16.29 | 19.1656 |
| 32.4747107 | 16.11 | 15.0195 | 32.5699653 | 16.33 | 19.1433 | 32.6652199 | 16.25 | 18.4833 |
| 32.4748264 | 16.12 | 15.2162 | 32.570081 | 16.33 | 19.5363 | 32.6653357 | 16.25 | 18.3586 |
| 32.4749421 | 16.13 | 15.2025 | 32.5701968 | 16.29 | 14.5814 | 32.6654514 | 16.27 | 18.7003 |
| 32.4750579 | 16.12 | 15.5329 | 32.5703125 | 16.33 | 19.2203 | 32.6655671 | 16.25 | 18.52 |
| 32.4751736 | 16.13 | 16.1218 | 32.5704282 | 16.33 | 19.5775 | 32.6656829 | 16.24 | 18.3027 |
| 32.4752894 | 16.12 | 15.7857 | 32.570544 | 16.33 | 19.7956 | 32.6657986 | 16.24 | 18.3087 |
| 32.4754051 | 16.13 | 15.9754 | 32.5706597 | 16.33 | 19.7839 | 32.6659144 | 16.24 | 18.265 |
| 32.4755208 | 16.16 | 18.0742 | 32.5707755 | 16.33 | 19.5247 | 32.6660301 | 16.24 | 18.108 |
| 32.4756366 | 16.19 | 18.3846 | 32.5708912 | 16.32 | 17.3506 | 32.6661458 | 16.25 | 18.7843 |
| 32.4757523 | 16.16 | 17.3153 | 32.5710069 | 16.33 | 18.2828 | 32.6662616 | 16.31 | 20.1161 |
| 32.4758681 | 16.15 | 17.2144 | 32.5711227 | 16.32 | 16.3585 | 32.6663773 | 16.32 | 20.2699 |
| 32.4759838 | 16.19 | 19.6775 | 32.5712384 | 16.35 | 18.549 | 32.6664931 | 16.32 | 19.9677 |
| 32.4760995 | 16.21 | 20.2353 | 32.5713542 | 16.31 | 14.8375 | 32.6666088 | 16.32 | 20.0392 |
| 32.4762153 | 16.19 | 19.1685 | 32.5714699 | 16.32 | 16.4022 | 32.6667245 | 16.32 | 20.1747 |
| 32.476331 | 16.19 | 19.2601 | 32.5715857 | 16.32 | 16.6361 | 32.6668403 | 16.32 | 20.2265 |
| 32.4764468 | 16.23 | 20.9598 | 32.5717014 | 16.33 | 18.8988 | 32.666956 | 16.33 | 20.3711 |
| 32.4765625 | 16.19 | 19.5271 | 32.5718171 | 16.33 | 18.626 | 32.6670718 | 16.29 | 19.4588 |
| 32.4766782 | 16.2 | 20.0616 | 32.5719329 | 16.33 | 19.9865 | 32.6671875 | 16.28 | 19.4751 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.476794 | 16.21 | 20.4708 | 32.5720486 | 16.33 | 18.9555 | 32.6673032 | 16.28 | 19.4342 |
| 32.4769097 | 16.21 | 20.4514 | 32.5721644 | 16.35 | 20.0191 | 32.667419 | 16.27 | 19.3576 |
| 32.4770255 | 16.21 | 20.3482 | 32.5722801 | 16.35 | 19.1786 | 32.6675347 | 16.27 | 19.3284 |
| 32.4771412 | 16.21 | 19.9936 | 32.5723958 | 16.33 | 20.3414 | 32.6676505 | 16.27 | 18.872 |
| 32.4772569 | 16.23 | 20.6856 | 32.5725116 | 16.35 | 20.7922 | 32.6677662 | 16.27 | 19.1848 |
| 32.4773727 | 16.25 | 21.8285 | 32.5726273 | 16.33 | 20.2943 | 32.6678819 | 16.24 | 18.583 |
| 32.4774884 | 16.24 | 21.4193 | 32.5727431 | 16.35 | 20.4838 | 32.6679977 | 16.24 | 18.4163 |
| 32.4776042 | 16.24 | 21.5043 | 32.5728588 | 16.35 | 20.3487 | 32.6681134 | 16.28 | 19.3057 |
| 32.4777199 | 16.24 | 21.3705 | 32.5729745 | 16.35 | 20.558 | 32.6682292 | 16.29 | 19.7851 |
| 32.4778357 | 16.25 | 21.9904 | 32.5730903 | 16.35 | 20.8048 | 32.6683449 | 16.27 | 19.0553 |
| 32.4779514 | 16.24 | 21.2826 | 32.573206 | 16.35 | 20.9572 | 32.6684607 | 16.28 | 19.6367 |
| 32.4780671 | 16.24 | 21.2863 | 32.5733218 | 16.35 | 21.0047 | 32.6685764 | 16.28 | 19.7282 |
| 32.4781829 | 16.21 | 20.5749 | 32.5734375 | 16.35 | 20.6577 | 32.6686921 | 16.27 | 19.6383 |
| 32.4782986 | 16.21 | 20.2925 | 32.5735532 | 16.35 | 19.4969 | 32.6688079 | 16.27 | 19.8791 |
| 32.4784144 | 16.23 | 20.8455 | 32.573669 | 16.35 | 20.3889 | 32.6689236 | 16.25 | 19.7396 |
| 32.4785301 | 16.23 | 20.8491 | 32.5737847 | 16.35 | 20.6362 | 32.6690394 | 16.29 | 20.3094 |
| 32.4786458 | 16.23 | 20.6179 | 32.5739005 | 16.36 | 20.8593 | 32.6691551 | 16.31 | 20.3149 |
| 32.4787616 | 16.23 | 20.8835 | 32.5740162 | 16.35 | 20.9663 | 32.6692708 | 16.32 | 20.5185 |
| 32.4788773 | 16.23 | 21.2916 | 32.5741319 | 16.36 | 21.2692 | 32.6693866 | 16.31 | 20.1987 |
| 32.4789931 | 16.25 | 21.6532 | 32.5742477 | 16.31 | 12.8352 | 32.6695023 | 16.25 | 19.2749 |
| 32.4791088 | 16.24 | 21.378 | 32.5743634 | 16.33 | 19.5346 | 32.6696181 | 16.25 | 20.1497 |
| 32.4792245 | 16.23 | 20.6268 | 32.5744792 | 16.35 | 20.59 | 32.6697338 | 16.33 | 21.6119 |
| 32.4793403 | 16.25 | 21.9063 | 32.5745949 | 16.35 | 20.7239 | 32.6698495 | 16.31 | 21.4838 |
| 32.479456 | 16.25 | 21.5084 | 32.5747107 | 16.36 | 20.8123 | | | |

DrEx 113

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 32.3532986 | 15.31 | 4.9848 | 32.4571181 | 16.16 | 21.8 | 32.5608218 | 16.35 | 21.7792 |
| 32.3534144 | 15.61 | 5.3968 | 32.4572338 | 16.16 | 21.0441 | 32.5609375 | 16.35 | 21.9248 |
| 32.3535301 | 15.69 | 5.4826 | 32.4573495 | 16.1 | 18.2441 | 32.5610532 | 16.35 | 21.4206 |
| 32.3536458 | 15.68 | 5.0226 | 32.4574653 | 16.13 | 19.9732 | 32.561169 | 16.35 | 20.9891 |
| 32.3537616 | 15.71 | 6.3915 | 32.457581 | 16.22 | 22.3235 | 32.5612847 | 16.35 | 20.8898 |
| 32.3538773 | 15.82 | 11.3023 | 32.4576968 | 16.26 | 24.2157 | 32.5614005 | 16.35 | 20.9954 |
| 32.3539931 | 15.84 | 11.3639 | 32.4578125 | 16.25 | 22.3768 | 32.5615162 | 16.35 | 21.2361 |
| 32.3541088 | 15.75 | 6.1241 | 32.4579282 | 16.14 | 20.1369 | 32.5616319 | 16.35 | 20.9573 |
| 32.3542245 | 15.85 | 12.1315 | 32.458044 | 16.16 | 20.9807 | 32.5617477 | 16.33 | 20.5736 |
| 32.3543403 | 15.81 | 9.2352 | 32.4581597 | 16.17 | 21.5572 | 32.5618634 | 16.33 | 20.5635 |
| 32.354456 | 15.74 | 4.6554 | 32.4582755 | 16.22 | 22.2778 | 32.5619792 | 16.33 | 20.5391 |
| 32.3545718 | 15.75 | 5.7518 | 32.4583912 | 16.22 | 22.0241 | 32.5620949 | 16.33 | 20.5391 |
| 32.3546875 | 15.72 | 3.9203 | 32.4585069 | 16.23 | 22.4001 | 32.5622107 | 16.33 | 20.523 |
| 32.3548032 | 15.71 | 3.5891 | 32.4586227 | 16.25 | 23.5299 | 32.5623264 | 16.33 | 21.0336 |
| 32.354919 | 15.69 | 3.2783 | 32.4587384 | 16.25 | 22.5924 | 32.5624421 | 16.33 | 20.5169 |
| 32.3550347 | 15.71 | 3.5446 | 32.4588542 | 16.22 | 21.2942 | 32.5625579 | 16.33 | 21.0101 |
| 32.3551505 | 15.71 | 3.5981 | 32.4589699 | 16.14 | 19.9835 | 32.5626736 | 16.33 | 20.5048 |
| 32.3552662 | 15.71 | 3.4503 | 32.4590857 | 16.17 | 20.9271 | 32.5627894 | 16.33 | 20.5533 |
| 32.3553819 | 15.69 | 3.2427 | 32.4592014 | 16.22 | 22.4911 | 32.5629051 | 16.33 | 20.6635 |
| 32.3554977 | 15.72 | 4.6266 | 32.4593171 | 16.23 | 22.4099 | 32.5630208 | 16.33 | 21.0998 |
| 32.3556134 | 15.74 | 4.9939 | 32.4594329 | 16.19 | 20.9818 | 32.5631366 | 16.35 | 21.6242 |
| 32.3557292 | 15.74 | 5.1495 | 32.4595486 | 16.17 | 20.9649 | 32.5632523 | 16.35 | 22.4868 |
| 32.3558449 | 15.75 | 5.2359 | 32.4596644 | 16.16 | 19.5767 | 32.5633681 | 16.35 | 20.4082 |
| 32.3559607 | 15.77 | 5.9599 | 32.4597801 | 16.13 | 19.3801 | 32.5634838 | 16.35 | 20.4503 |
| 32.3560764 | 15.78 | 6.7088 | 32.4598958 | 16.16 | 20.2905 | 32.5635995 | 16.35 | 19.9227 |
| 32.3561921 | 15.75 | 4.9 | 32.4600116 | 16.11 | 18.0279 | 32.5637153 | 16.35 | 20.8458 |
| 32.3563079 | 15.75 | 5.3136 | 32.4601273 | 16.11 | 18.7857 | 32.563831 | 16.35 | 21.7219 |
| 32.3564236 | 15.78 | 6.5203 | 32.4602431 | 16.11 | 19.5775 | 32.5639468 | 16.35 | 21.4428 |
| 32.3565394 | 15.84 | 10.0591 | 32.4603588 | 16.11 | 19.1812 | 32.5640625 | 16.35 | 20.6123 |
| 32.3566551 | 15.87 | 11.2852 | 32.4604745 | 16.19 | 21.4818 | 32.5641782 | 16.35 | 20.9976 |
| 32.3567708 | 15.88 | 11.2942 | 32.4605903 | 16.11 | 19.7188 | 32.564294 | 16.35 | 22.1365 |
| 32.3568866 | 15.84 | 7.6194 | 32.460706 | 16.13 | 19.4141 | 32.5644097 | 16.35 | 22.5435 |
| 32.3570023 | 15.87 | 10.592 | 32.4608218 | 16.11 | 19.2497 | 32.5645255 | 16.35 | 21.6107 |
| 32.3571181 | 15.9 | 11.3261 | 32.4609375 | 16.1 | 18.9255 | 32.5646412 | 16.33 | 21.6577 |
| 32.3572338 | 15.88 | 10.598 | 32.4610532 | 16.14 | 20.2126 | 32.5647569 | 16.35 | 21.9341 |
| 32.3573495 | 15.9 | 11.6114 | 32.461169 | 16.17 | 20.9061 | 32.5648727 | 16.35 | 21.9528 |
| 32.3574653 | 15.87 | 9.9861 | 32.4612847 | 16.13 | 19.9051 | 32.5649884 | 16.35 | 22.0372 |
| 32.357581 | 15.87 | 10.6246 | 32.4614005 | 16.17 | 21.1563 | 32.5651042 | 16.35 | 21.4873 |
| 32.3576968 | 15.87 | 10.2435 | 32.4615162 | 16.14 | 20.4035 | 32.5652199 | 16.33 | 22.0105 |
| 32.3578125 | 15.88 | 10.986 | 32.4616319 | 16.14 | 20.2419 | 32.5653357 | 16.35 | 22.0725 |
| 32.3579282 | 15.9 | 11.8495 | 32.4617477 | 16.19 | 21.3386 | 32.5654514 | 16.35 | 22.753 |
| 32.358044 | 15.85 | 10.2108 | 32.4618634 | 16.14 | 19.7448 | 32.5655671 | 16.35 | 22.5484 |
| 32.3581597 | 15.88 | 10.8159 | 32.4619792 | 16.13 | 19.5023 | 32.5656829 | 16.35 | 22.4917 |
| 32.3582755 | 15.85 | 8.8741 | 32.4620949 | 16.17 | 21.024 | 32.5657986 | 16.35 | 22.4991 |
| 32.3583912 | 15.88 | 10.876 | 32.4622107 | 16.23 | 22.8061 | 32.5659144 | 16.35 | 22.023 |
| 32.3585069 | 15.87 | 9.718 | 32.4623264 | 16.17 | 20.9166 | 32.5660301 | 16.35 | 22.4134 |
| 32.3586227 | 15.85 | 9.4164 | 32.4624421 | 16.22 | 21.7765 | 32.5661458 | 16.33 | 22.3783 |
| 32.3587384 | 15.91 | 11.8283 | 32.4625579 | 16.22 | 22.0428 | 32.5662616 | 16.35 | 22.3017 |
| 32.3588542 | 15.87 | 9.918 | 32.4626736 | 16.23 | 22.3203 | 32.5663773 | 16.35 | 22.4942 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3589699 | 15.88 | 11.5134 | 32.4627894 | 16.25 | 22.7594 | 32.5664931 | 16.35 | 22.4795 |
| 32.3590857 | 15.9 | 12.193 | 32.4629051 | 16.25 | 22.2611 | 32.5666088 | 16.35 | 22.5311 |
| 32.3592014 | 15.98 | 14.6185 | 32.4630208 | 16.25 | 22.4669 | 32.5667245 | 16.35 | 22.4745 |
| 32.3593171 | 15.94 | 13.1158 | 32.4631366 | 16.23 | 21.9556 | 32.5668403 | 16.35 | 22.504 |
| 32.3594329 | 15.88 | 10.4631 | 32.4632523 | 16.22 | 21.6515 | 32.566956 | 16.35 | 22.6752 |
| 32.3595486 | 15.88 | 9.5632 | 32.4633681 | 16.25 | 23.0009 | 32.5670718 | 16.35 | 22.6303 |
| 32.3596644 | 15.85 | 8.0536 | 32.4634838 | 16.25 | 23.4654 | 32.5671875 | 16.35 | 22.4476 |
| 32.3597801 | 15.85 | 8.4371 | 32.4635995 | 16.25 | 23.603 | 32.5673032 | 16.35 | 22.4134 |
| 32.3598958 | 16.03 | 18.1781 | 32.4637153 | 16.25 | 23.5569 | 32.567419 | 16.35 | 21.8367 |
| 32.3600116 | 16.11 | 20.8332 | 32.463831 | 16.25 | 23.5867 | 32.5675347 | 16.35 | 22.1793 |
| 32.3601273 | 15.91 | 8.8169 | 32.4639468 | 16.25 | 22.9292 | 32.5676505 | 16.35 | 22.5287 |
| 32.3602431 | 16 | 15.8848 | 32.4640625 | 16.25 | 23.4923 | 32.5677662 | 16.35 | 22.6952 |
| 32.3603588 | 15.9 | 10.2972 | 32.4641782 | 16.25 | 23.1197 | 32.5678819 | 16.35 | 22.8746 |
| 32.3604745 | 15.94 | 12.448 | 32.464294 | 16.25 | 22.8023 | 32.5679977 | 16.35 | 22.9487 |
| 32.3605903 | 15.94 | 12.7339 | 32.4644097 | 16.25 | 23.1119 | 32.5681134 | 16.35 | 22.9795 |
| 32.360706 | 15.93 | 11.5997 | 32.4645255 | 16.25 | 23.7147 | 32.5682292 | 16.36 | 22.9532 |
| 32.3608218 | 15.9 | 9.9748 | 32.4646412 | 16.25 | 23.6356 | 32.5683449 | 16.36 | 23.0227 |
| 32.3609375 | 15.9 | 10.2414 | 32.4647569 | 16.25 | 23.6165 | 32.5684607 | 16.36 | 23.1814 |
| 32.3610532 | 15.88 | 9.5103 | 32.4648727 | 16.25 | 23.8277 | 32.5685764 | 16.36 | 23.2709 |
| 32.361169 | 15.88 | 9.1877 | 32.4649884 | 16.25 | 23.7614 | 32.5686921 | 16.35 | 23.0673 |
| 32.3612847 | 15.85 | 8.0769 | 32.4651042 | 16.25 | 23.8221 | 32.5688079 | 16.35 | 23.1011 |
| 32.3614005 | 15.79 | 5.3769 | 32.4652199 | 16.25 | 23.7862 | 32.5689236 | 16.35 | 23.2661 |
| 32.3615162 | 15.78 | 5.0378 | 32.4653357 | 16.25 | 23.7642 | 32.5690394 | 16.36 | 23.1919 |
| 32.3616319 | 15.77 | 5.3716 | 32.4654514 | 16.25 | 23.7779 | 32.5691551 | 16.35 | 23.282 |
| 32.3617477 | 15.75 | 3.8625 | 32.4655671 | 16.25 | 23.7587 | 32.5692708 | 16.36 | 23.0434 |
| 32.3618634 | 15.9 | 12.3119 | 32.4656829 | 16.25 | 23.5596 | 32.5693866 | 16.35 | 23.2661 |
| 32.3619792 | 15.94 | 12.5993 | 32.4657986 | 16.25 | 23.7862 | 32.5695023 | 16.35 | 23.1323 |
| 32.3620949 | 16.09 | 18.1839 | 32.4659144 | 16.25 | 23.8194 | 32.5696181 | 16.35 | 23.0803 |
| 32.3622107 | 15.88 | 7.8335 | 32.4660301 | 16.25 | 23.8 | 32.5697338 | 16.36 | 22.7776 |
| 32.3623264 | 15.84 | 6.7902 | 32.4661458 | 16.25 | 23.6328 | 32.5698495 | 16.36 | 23.1657 |
| 32.3624421 | 15.81 | 6.6715 | 32.4662616 | 16.25 | 23.5434 | 32.5699653 | 16.35 | 22.7631 |
| 32.3625579 | 16.04 | 17.6935 | 32.4663773 | 16.25 | 23.6274 | 32.570081 | 16.36 | 22.8765 |
| 32.3626736 | 15.88 | 8.8815 | 32.4664931 | 16.25 | 23.6002 | 32.5701968 | 16.35 | 22.6552 |
| 32.3627894 | 15.85 | 8.875 | 32.4666088 | 16.25 | 23.7065 | 32.5703125 | 16.36 | 22.8536 |
| 32.3629051 | 15.81 | 6.947 | 32.4667245 | 16.25 | 23.7504 | 32.5704282 | 16.36 | 22.9995 |
| 32.3630208 | 15.87 | 10.5872 | 32.4668403 | 16.25 | 23.5786 | 32.570544 | 16.36 | 23.2287 |
| 32.3631366 | 16.1 | 20.6513 | 32.466956 | 16.25 | 23.364 | 32.5706597 | 16.36 | 23.1893 |
| 32.3632523 | 16.14 | 20.7906 | 32.4670718 | 16.25 | 22.6793 | 32.5707755 | 16.36 | 23.0927 |
| 32.3633681 | 15.82 | 9.6473 | 32.4671875 | 16.25 | 23.0524 | 32.5708912 | 16.36 | 23.1005 |
| 32.3634838 | 16.13 | 21.7752 | 32.4673032 | 16.25 | 23.7093 | 32.5710069 | 16.36 | 23.0745 |
| 32.3635995 | 16.06 | 18.4676 | 32.467419 | 16.25 | 23.8277 | 32.5711227 | 16.36 | 22.9404 |
| 32.3637153 | 16.01 | 16.549 | 32.4675347 | 16.25 | 23.671 | 32.5712384 | 16.36 | 22.8511 |
| 32.363831 | 16 | 13.5352 | 32.4676505 | 16.25 | 23.7477 | 32.5713542 | 16.36 | 22.8995 |
| 32.3639468 | 16.11 | 19.5866 | 32.4677662 | 16.25 | 23.8111 | 32.5714699 | 16.36 | 22.7978 |
| 32.3640625 | 16.07 | 18.2388 | 32.4678819 | 16.25 | 23.3481 | 32.5715857 | 16.36 | 22.3324 |
| 32.3641782 | 15.91 | 11.1892 | 32.4679977 | 16.25 | 23.8194 | 32.5717014 | 16.35 | 22.4917 |
| 32.364294 | 15.85 | 8.4277 | 32.4681134 | 16.25 | 23.9138 | 32.5718171 | 16.36 | 22.9302 |
| 32.3644097 | 15.81 | 6.616 | 32.4682292 | 16.25 | 23.8831 | 32.5719329 | 16.36 | 22.7322 |
| 32.3645255 | 15.85 | 9.1704 | 32.4683449 | 16.25 | 23.8055 | 32.5720486 | 16.36 | 22.8842 |
| 32.3646412 | 15.88 | 10.5414 | 32.4684607 | 16.25 | 23.565 | 32.5721644 | 16.35 | 22.1009 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3647569 | 15.79 | 6.2732 | 32.4685764 | 16.25 | 23.8415 | 32.5722801 | 16.36 | 21.6687 |
| 32.3648727 | 15.79 | 6.1648 | 32.4686921 | 16.25 | 23.5084 | 32.5723958 | 16.35 | 22.4036 |
| 32.3649884 | 15.79 | 6.7085 | 32.4688079 | 16.22 | 21.584 | 32.5725116 | 16.35 | 21.8644 |
| 32.3651042 | 15.84 | 8.8245 | 32.4689236 | 16.25 | 23.3587 | 32.5726273 | 16.36 | 21.9473 |
| 32.3652199 | 15.81 | 6.4802 | 32.4690394 | 16.25 | 23.6928 | 32.5727431 | 16.35 | 21.7037 |
| 32.3653357 | 15.78 | 5.6798 | 32.4691551 | 16.25 | 23.3481 | 32.5728588 | 16.36 | 22.4886 |
| 32.3654514 | 15.79 | 5.9395 | 32.4692708 | 16.25 | 22.9727 | 32.5729745 | 16.36 | 22.6446 |
| 32.3655671 | 15.81 | 7.5786 | 32.4693866 | 16.17 | 20.424 | 32.5730903 | 16.35 | 21.7471 |
| 32.3656829 | 15.82 | 7.3417 | 32.4695023 | 16.25 | 23.0576 | 32.573206 | 16.35 | 21.317 |
| 32.3657986 | 15.81 | 6.7605 | 32.4696181 | 16.25 | 21.2522 | 32.5733218 | 16.35 | 20.5269 |
| 32.3659144 | 15.81 | 7.6533 | 32.4697338 | 16.25 | 22.5751 | 32.5734375 | 16.38 | 16.632 |
| 32.3660301 | 16.07 | 20.4811 | 32.4698495 | 16.25 | 23.1823 | 32.5735532 | 16.36 | 20.5278 |
| 32.3661458 | 16.19 | 22.9764 | 32.4699653 | 16.25 | 22.6023 | 32.573669 | 16.36 | 21.8128 |
| 32.3662616 | 16.25 | 23.3216 | 32.470081 | 16.25 | 22.7168 | 32.5737847 | 16.36 | 22.3083 |
| 32.3663773 | 15.93 | 11.4731 | 32.4701968 | 16.25 | 22.8376 | 32.5739005 | 16.38 | 22.9418 |
| 32.3664931 | 16.23 | 23.8645 | 32.4703125 | 16.25 | 23.0292 | 32.5740162 | 16.38 | 23.0293 |
| 32.3666088 | 16.25 | 24.0343 | 32.4704282 | 16.25 | 23.177 | 32.5741319 | 16.36 | 22.6496 |
| 32.3667245 | 16.25 | 24.1561 | 32.470544 | 16.25 | 23.0035 | 32.5742477 | 16.38 | 21.7262 |
| 32.3668403 | 16.26 | 24.5467 | 32.4706597 | 16.22 | 21.3511 | 32.5743634 | 16.36 | 21.3776 |
| 32.366956 | 16.25 | 23.3826 | 32.4707755 | 16.2 | 21.342 | 32.5744792 | 16.38 | 21.7103 |
| 32.3670718 | 16.27 | 24.4643 | 32.4708912 | 16.25 | 22.9598 | 32.5745949 | 16.38 | 22.4308 |
| 32.3671875 | 16.26 | 24.3135 | 32.4710069 | 16.25 | 22.5209 | 32.5747107 | 16.38 | 22.2393 |
| 32.3673032 | 16.25 | 23.0653 | 32.4711227 | 16.23 | 22.4537 | 32.5748264 | 16.38 | 22.0066 |
| 32.367419 | 16.27 | 24.4438 | 32.4712384 | 16.25 | 22.6345 | 32.5749421 | 16.38 | 21.5878 |
| 32.3675347 | 16.27 | 24.4088 | 32.4713542 | 16.25 | 22.6097 | 32.5750579 | 16.38 | 21.6989 |
| 32.3676505 | 16.25 | 23.6874 | 32.4714699 | 16.25 | 22.8023 | 32.5751736 | 16.36 | 21.5648 |
| 32.3677662 | 16.29 | 24.8171 | 32.4715857 | 16.25 | 22.3987 | 32.5752894 | 16.38 | 21.7904 |
| 32.3678819 | 16.3 | 24.8019 | 32.4717014 | 16.25 | 22.8554 | 32.5754051 | 16.38 | 21.7835 |
| 32.3679977 | 16.25 | 23.3614 | 32.4718171 | 16.25 | 22.8149 | 32.5755208 | 16.38 | 22.0113 |
| 32.3681134 | 16.25 | 23.0163 | 32.4719329 | 16.25 | 22.372 | 32.5756366 | 16.38 | 21.756 |
| 32.3682292 | 16.25 | 22.8427 | 32.4720486 | 16.25 | 22.8858 | 32.5757523 | 16.35 | 21.2449 |
| 32.3683449 | 16.26 | 24.17 | 32.4721644 | 16.25 | 23.603 | 32.5758681 | 16.36 | 21.349 |
| 32.3684607 | 16.29 | 24.6555 | 32.4722801 | 16.25 | 23.5003 | 32.5759838 | 16.38 | 21.2901 |
| 32.3685764 | 16.32 | 25.0203 | 32.4723958 | 16.25 | 22.9573 | 32.5760995 | 16.38 | 21.1316 |
| 32.3686921 | 16.25 | 22.7093 | 32.4725116 | 16.25 | 22.7068 | 32.5762153 | 16.38 | 19.7085 |
| 32.3688079 | 16.22 | 21.7948 | 32.4726273 | 16.25 | 22.8149 | 32.576331 | 16.38 | 21.4334 |
| 32.3689236 | 16.19 | 21.1436 | 32.4727431 | 16.25 | 22.8275 | 32.5764468 | 16.38 | 21.6081 |
| 32.3690394 | 16.22 | 22.1727 | 32.4728588 | 16.25 | 22.8605 | 32.5765625 | 16.38 | 21.8643 |
| 32.3691551 | 16.25 | 22.3817 | 32.4729745 | 16.25 | 23.1249 | 32.5766782 | 16.36 | 20.986 |
| 32.3692708 | 16.25 | 22.5726 | 32.4730903 | 16.25 | 23.8055 | 32.576794 | 16.38 | 22.1675 |
| 32.3693866 | 16.25 | 23.1119 | 32.473206 | 16.27 | 24.2011 | 32.5769097 | 16.38 | 21.7194 |
| 32.3695023 | 16.25 | 23.1275 | 32.4733218 | 16.29 | 24.2636 | 32.5770255 | 16.38 | 22.8295 |
| 32.3696181 | 16.25 | 22.3865 | 32.4734375 | 16.32 | 24.7175 | 32.5771412 | 16.38 | 21.941 |
| 32.3697338 | 16.25 | 22.3768 | 32.4735532 | 16.3 | 24.8109 | 32.5772569 | 16.38 | 21.7537 |
| 32.3698495 | 16.22 | 21.7833 | 32.473669 | 16.32 | 24.7684 | 32.5773727 | 16.38 | 22.9264 |
| 32.3699653 | 16.19 | 21.3058 | 32.4737847 | 16.3 | 24.2604 | 32.5774884 | 16.38 | 22.1413 |
| 32.370081 | 16.22 | 22.0171 | 32.4739005 | 16.27 | 23.8629 | 32.5776042 | 16.36 | 22.248 |
| 32.3701968 | 16.2 | 21.3464 | 32.4740162 | 16.3 | 24.5222 | 32.5777199 | 16.36 | 21.4197 |
| 32.3703125 | 16.17 | 21.107 | 32.4741319 | 16.29 | 24.4141 | 32.5778357 | 16.36 | 21.4663 |
| 32.3704282 | 16.17 | 21.1348 | 32.4742477 | 16.3 | 24.5192 | 32.5779514 | 16.36 | 19.3764 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.370544 | 16.17 | 21.0431 | 32.4743634 | 16.3 | 24.5163 | 32.5780671 | 16.38 | 18.8531 |
| 32.3706597 | 16.2 | 21.579 | 32.4744792 | 16.3 | 24.4987 | 32.5781829 | 16.38 | 20.8805 |
| 32.3707755 | 16.19 | 21.6024 | 32.4745949 | 16.3 | 24.2719 | 32.5782986 | 16.36 | 20.8532 |
| 32.3708912 | 16.19 | 21.2971 | 32.4747107 | 16.32 | 24.8136 | 32.5784144 | 16.36 | 18.7778 |
| 32.3710069 | 16.17 | 21.0708 | 32.4748264 | 16.32 | 24.7835 | 32.5785301 | 16.38 | 18.6729 |
| 32.3711227 | 16.19 | 21.2168 | 32.4749421 | 16.27 | 23.7551 | 32.5786458 | 16.38 | 22.3966 |
| 32.3712384 | 16.17 | 21.6944 | 32.4750579 | 16.29 | 24.3531 | 32.5787616 | 16.36 | 20.2563 |
| 32.3713542 | 16.22 | 21.6109 | 32.4751736 | 16.32 | 24.6489 | 32.5788773 | 16.35 | 20.3345 |
| 32.3714699 | 16.22 | 22.1017 | 32.4752894 | 16.3 | 24.7778 | 32.5789931 | 16.36 | 19.3084 |
| 32.3715857 | 16.22 | 21.6786 | 32.4754051 | 16.32 | 24.947 | 32.5791088 | 16.38 | 17.9085 |
| 32.3717014 | 16.22 | 21.5436 | 32.4755208 | 16.3 | 24.6821 | 32.5792245 | 16.38 | 22.6383 |
| 32.3718171 | 16.19 | 21.0688 | 32.4756366 | 16.3 | 24.4987 | 32.5793403 | 16.38 | 20.359 |
| 32.3719329 | 16.17 | 21.6853 | 32.4757523 | 16.3 | 24.6553 | 32.579456 | 16.36 | 18.9188 |
| 32.3720486 | 16.25 | 22.5282 | 32.4758681 | 16.3 | 24.691 | 32.5795718 | 16.39 | 23.0754 |
| 32.3721644 | 16.19 | 21.3978 | 32.4759838 | 16.29 | 24.4989 | 32.5796875 | 16.39 | 23.2693 |
| 32.3722801 | 16.19 | 21.3583 | 32.4760995 | 16.3 | 24.4957 | 32.5798032 | 16.38 | 22.9315 |
| 32.3723958 | 16.16 | 20.8424 | 32.4762153 | 16.3 | 24.4313 | 32.579919 | 16.38 | 22.6858 |
| 32.3725116 | 16.22 | 22.1064 | 32.476331 | 16.3 | 24.5516 | 32.5800347 | 16.38 | 23.3043 |
| 32.3726273 | 16.17 | 20.7215 | 32.4764468 | 16.32 | 24.6429 | 32.5801505 | 16.38 | 22.6632 |
| 32.3727431 | 16.22 | 21.528 | 32.4765625 | 16.32 | 24.9074 | 32.5802662 | 16.38 | 22.7587 |
| 32.3728588 | 16.16 | 20.4072 | 32.4766782 | 16.32 | 24.6846 | 32.5803819 | 16.36 | 20.4091 |
| 32.3729745 | 16.17 | 20.9649 | 32.476794 | 16.3 | 24.7149 | 32.5804977 | 16.38 | 19.9097 |
| 32.3730903 | 16.17 | 21.424 | 32.4769097 | 16.3 | 24.4138 | 32.5806134 | 16.36 | 18.924 |
| 32.373206 | 16.16 | 20.5374 | 32.4770255 | 16.3 | 24.5989 | 32.5807292 | 16.36 | 20.4552 |
| 32.3733218 | 16.13 | 19.3284 | 32.4771412 | 16.3 | 24.3238 | 32.5808449 | 16.38 | 22.8881 |
| 32.3734375 | 16.17 | 20.9902 | 32.4772569 | 16.32 | 24.5305 | 32.5809607 | 16.38 | 22.7687 |
| 32.3735532 | 16.19 | 21.0093 | 32.4773727 | 16.32 | 24.5571 | 32.5810764 | 16.38 | 22.8676 |
| 32.373669 | 16.19 | 21.3649 | 32.4774884 | 16.32 | 24.3784 | 32.5811921 | 16.36 | 21.281 |
| 32.3737847 | 16.19 | 21.0178 | 32.4776042 | 16.3 | 24.5339 | 32.5813079 | 16.36 | 21.776 |
| 32.3739005 | 16.16 | 20.0173 | 32.4777199 | 16.32 | 24.507 | 32.5814236 | 16.36 | 19.9215 |
| 32.3740162 | 16.22 | 22.35 | 32.4778357 | 16.3 | 24.408 | 32.5815394 | 16.36 | 21.7944 |
| 32.3741319 | 16.2 | 21.6015 | 32.4779514 | 16.32 | 24.4483 | 32.5816551 | 16.36 | 21.8382 |
| 32.3742477 | 16.13 | 19.0311 | 32.4780671 | 16.32 | 24.5011 | 32.5817708 | 16.36 | 21.1034 |
| 32.3743634 | 16.09 | 18.107 | 32.4781829 | 16.3 | 24.4664 | 32.5818866 | 16.36 | 22.3543 |
| 32.3744792 | 16.11 | 19.4868 | 32.4782986 | 16.32 | 24.9074 | 32.5820023 | 16.38 | 22.5316 |
| 32.3745949 | 16.13 | 19.9618 | 32.4784144 | 16.32 | 24.56 | 32.5821181 | 16.38 | 22.586 |
| 32.3747107 | 16.09 | 17.523 | 32.4785301 | 16.32 | 24.6876 | 32.5822338 | 16.36 | 21.1745 |
| 32.3748264 | 16.14 | 20.3105 | 32.4786458 | 16.3 | 24.5369 | 32.5823495 | 16.38 | 22.0867 |
| 32.3749421 | 16.13 | 19.3089 | 32.4787616 | 16.32 | 24.7265 | 32.5824653 | 16.36 | 22.8485 |
| 32.3750579 | 16.16 | 20.9407 | 32.4788773 | 16.32 | 24.9744 | 32.582581 | 16.38 | 21.6036 |
| 32.3751736 | 16.22 | 21.9937 | 32.4789931 | 16.32 | 24.6222 | 32.5826968 | 16.38 | 22.082 |
| 32.3752894 | 16.14 | 20.0945 | 32.4791088 | 16.3 | 24.3152 | 32.5828125 | 16.38 | 22.5588 |
| 32.3754051 | 16.16 | 20.7205 | 32.4792245 | 16.29 | 24.2062 | 32.5829282 | 16.38 | 23.6297 |
| 32.3755208 | 16.16 | 20.4791 | 32.4793403 | 16.3 | 24.4576 | 32.583044 | 16.38 | 22.2441 |
| 32.3756366 | 16.19 | 21.3036 | 32.479456 | 16.3 | 24.7688 | 32.5831597 | 16.38 | 21.4378 |
| 32.3757523 | 16.19 | 21.3124 | 32.4795718 | 16.32 | 24.6222 | 32.5832755 | 16.38 | 20.9247 |
| 32.3758681 | 16.17 | 20.6682 | 32.4796875 | 16.32 | 24.9928 | 32.5833912 | 16.38 | 22.101 |
| 32.3759838 | 16.17 | 21.0346 | 32.4798032 | 16.32 | 25.2525 | 32.5835069 | 16.38 | 21.9831 |
| 32.3760995 | 16.14 | 20.3797 | 32.479919 | 16.33 | 25.2681 | 32.5836227 | 16.38 | 21.498 |
| 32.3762153 | 16.25 | 22.7494 | 32.4800347 | 16.32 | 25.0203 | 32.5837384 | 16.38 | 21.862 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.376331 | 16.19 | 21.2038 | 32.4801505 | 16.32 | 24.8498 | 32.5838542 | 16.38 | 22.5217 |
| 32.3764468 | 16.14 | 20.2087 | 32.4802662 | 16.32 | 24.9104 | 32.5839699 | 16.38 | 22.9726 |
| 32.3765625 | 16.17 | 21.5259 | 32.4803819 | 16.32 | 25.0388 | 32.5840857 | 16.38 | 21.9387 |
| 32.3766782 | 16.19 | 21.4619 | 32.4804977 | 16.32 | 24.8771 | 32.5842014 | 16.38 | 22.7991 |
| 32.376794 | 16.16 | 20.6529 | 32.4806134 | 16.32 | 24.5777 | 32.5843171 | 16.38 | 22.5513 |
| 32.3769097 | 16.13 | 19.1629 | 32.4807292 | 16.3 | 24.4957 | 32.5844329 | 16.38 | 23.2619 |
| 32.3770255 | 16.16 | 20.457 | 32.4808449 | 16.32 | 24.5984 | 32.5845486 | 16.38 | 22.5464 |
| 32.3771412 | 16.17 | 21.0325 | 32.4809607 | 16.32 | 24.5511 | 32.5846644 | 16.38 | 22.189 |
| 32.3772569 | 16.19 | 21.4663 | 32.4810764 | 16.32 | 24.5158 | 32.5847801 | 16.36 | 22.0836 |
| 32.3773727 | 16.19 | 21.4752 | 32.4811921 | 16.32 | 24.7085 | 32.5848958 | 16.38 | 20.1288 |
| 32.3774884 | 16.19 | 21.1114 | 32.4813079 | 16.33 | 24.6964 | 32.5850116 | 16.36 | 22.2552 |
| 32.3776042 | 16.17 | 21.0921 | 32.4814236 | 16.32 | 24.6608 | 32.5851273 | 16.38 | 17.9656 |
| 32.3777199 | 16.17 | 21.0177 | 32.4815394 | 16.32 | 24.9226 | 32.5852431 | 16.38 | 20.3094 |
| 32.3778357 | 16.19 | 21.3978 | 32.4816551 | 16.32 | 24.7295 | 32.5853588 | 16.38 | 19.7738 |
| 32.3779514 | 16.19 | 21.0369 | 32.4817708 | 16.32 | 24.7325 | 32.5854745 | 16.36 | 21.5625 |
| 32.3780671 | 16.17 | 21.0113 | 32.4818866 | 16.32 | 24.504 | 32.5855903 | 16.38 | 20.2521 |
| 32.3781829 | 16.19 | 21.3517 | 32.4820023 | 16.32 | 24.6281 | 32.585706 | 16.38 | 22.365 |
| 32.3782986 | 16.19 | 21.0815 | 32.4821181 | 16.33 | 24.9927 | 32.5858218 | 16.39 | 19.4484 |
| 32.3784144 | 16.17 | 21.0431 | 32.4822338 | 16.32 | 24.9104 | 32.5859375 | 16.36 | 20.3513 |
| 32.3785301 | 16.17 | 21.0644 | 32.4823495 | 16.32 | 24.7205 | 32.5860532 | 16.38 | 19.5589 |
| 32.3786458 | 16.19 | 20.9397 | 32.4824653 | 16.32 | 25.0234 | 32.586169 | 16.36 | 19.5613 |
| 32.3787616 | 16.19 | 21.0326 | 32.482581 | 16.32 | 24.9074 | 32.5862847 | 16.38 | 20.6419 |
| 32.3788773 | 16.17 | 20.6071 | 32.4826968 | 16.33 | 25.0571 | 32.5864005 | 16.36 | 22.3494 |
| 32.3789931 | 16.19 | 21.0008 | 32.4828125 | 16.33 | 25.1188 | 32.5865162 | 16.36 | 21.4241 |
| 32.3791088 | 16.17 | 21.0686 | 32.4829282 | 16.33 | 25.0941 | 32.5866319 | 16.36 | 22.1977 |
| 32.3792245 | 16.17 | 21.0177 | 32.483044 | 16.33 | 25.1994 | 32.5867477 | 16.36 | 19.1422 |
| 32.3793403 | 16.17 | 20.8789 | 32.4831597 | 16.33 | 25.1095 | 32.5868634 | 16.36 | 19.5376 |
| 32.379456 | 16.19 | 21.2797 | 32.4832755 | 16.32 | 24.8287 | 32.5869792 | 16.36 | 19.6571 |
| 32.3795718 | 16.16 | 20.0384 | 32.4833912 | 16.32 | 25.002 | 32.5870949 | 16.36 | 19.8798 |
| 32.3796875 | 16.17 | 20.9417 | 32.4835069 | 16.33 | 24.6666 | 32.5872107 | 16.38 | 19.986 |
| 32.3798032 | 16.17 | 20.6621 | 32.4836227 | 16.32 | 24.9104 | 32.5873264 | 16.38 | 19.1643 |
| 32.379919 | 16.17 | 20.7647 | 32.4837384 | 16.33 | 25.2181 | 32.5874421 | 16.38 | 19.8245 |
| 32.3800347 | 16.19 | 21.0815 | 32.4838542 | 16.33 | 24.9042 | 32.5875579 | 16.39 | 17.1583 |
| 32.3801505 | 16.17 | 21.0092 | 32.4839699 | 16.32 | 24.8468 | 32.5876736 | 16.38 | 21.409 |
| 32.3802662 | 16.19 | 21.1586 | 32.4840857 | 16.32 | 24.9653 | 32.5877894 | 16.38 | 19.049 |
| 32.3803819 | 16.17 | 20.8456 | 32.4842014 | 16.33 | 24.9286 | 32.5879051 | 16.39 | 17.6892 |
| 32.3804977 | 16.17 | 20.5868 | 32.4843171 | 16.33 | 25.008 | 32.5880208 | 16.38 | 19.8945 |
| 32.3806134 | 16.17 | 20.6969 | 32.4844329 | 16.33 | 25.24 | 32.5881366 | 16.38 | 19.1502 |
| 32.3807292 | 16.14 | 19.4993 | 32.4845486 | 16.33 | 25.3403 | 32.5882523 | 16.38 | 18.9712 |
| 32.3808449 | 16.19 | 21.2732 | 32.4846644 | 16.33 | 25.3277 | 32.5883681 | 16.38 | 20.009 |
| 32.3809607 | 16.17 | 20.8331 | 32.4847801 | 16.33 | 25.0941 | 32.5884838 | 16.38 | 18.9214 |
| 32.3810764 | 16.17 | 20.9523 | 32.4848958 | 16.33 | 25.2306 | 32.5885995 | 16.39 | 17.9798 |
| 32.3811921 | 16.17 | 19.7393 | 32.4850116 | 16.33 | 25.159 | 32.5887153 | 16.38 | 19.9764 |
| 32.3813079 | 16.16 | 19.6463 | 32.4851273 | 16.33 | 25.1901 | 32.588831 | 16.39 | 18.1394 |
| 32.3814236 | 16.2 | 21.4499 | 32.4852431 | 16.33 | 25.0602 | 32.5889468 | 16.39 | 18.4018 |
| 32.3815394 | 16.19 | 21.0794 | 32.4853588 | 16.33 | 25.2212 | 32.5890625 | 16.38 | 18.7769 |
| 32.3816551 | 16.2 | 21.3354 | 32.4854745 | 16.33 | 25.3026 | 32.5891782 | 16.38 | 19.6196 |
| 32.3817708 | 16.16 | 20.1249 | 32.4855903 | 16.33 | 25.2556 | 32.589294 | 16.39 | 17.9674 |
| 32.3818866 | 16.2 | 22.0398 | 32.485706 | 16.33 | 24.8376 | 32.5894097 | 16.39 | 17.9071 |
| 32.3820023 | 16.13 | 18.4597 | 32.4858218 | 16.32 | 24.5748 | 32.5895255 | 16.39 | 18.2059 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3821181 | 16.17 | 20.7338 | 32.4859375 | 16.33 | 24.9377 | 32.5896412 | 16.39 | 17.454 |
| 32.3822338 | 16.1 | 17.4569 | 32.4860532 | 16.33 | 25.0602 | 32.5897569 | 16.41 | 17.0956 |
| 32.3823495 | 16.16 | 20.5656 | 32.486169 | 16.33 | 25.091 | 32.5898727 | 16.39 | 17.1969 |
| 32.3824653 | 16.16 | 20.4112 | 32.4862847 | 16.33 | 24.9073 | 32.5899884 | 16.41 | 17.2444 |
| 32.382581 | 16.2 | 21.1576 | 32.4864005 | 16.33 | 25.2712 | 32.5901042 | 16.41 | 16.9714 |
| 32.3826968 | 16.25 | 22.8731 | 32.4865162 | 16.32 | 24.9013 | 32.5902199 | 16.41 | 16.9084 |
| 32.3828125 | 16.13 | 19.5114 | 32.4866319 | 16.33 | 24.7653 | 32.5903357 | 16.41 | 16.9742 |
| 32.3829282 | 16.17 | 20.9312 | 32.4867477 | 16.33 | 24.7593 | 32.5904514 | 16.41 | 17.3925 |
| 32.383044 | 16.17 | 20.925 | 32.4868634 | 16.33 | 24.8315 | 32.5905671 | 16.38 | 19.4914 |
| 32.3831597 | 16.22 | 21.9123 | 32.4869792 | 16.33 | 24.9225 | 32.5906829 | 16.38 | 18.3369 |
| 32.3832755 | 16.16 | 19.7034 | 32.4870949 | 16.33 | 25.0202 | 32.5907986 | 16.36 | 19.7481 |
| 32.3833912 | 16.19 | 21.389 | 32.4872107 | 16.33 | 25.1404 | 32.5909144 | 16.38 | 17.9905 |
| 32.3835069 | 16.16 | 20.267 | 32.4873264 | 16.33 | 24.956 | 32.5910301 | 16.38 | 18.103 |
| 32.3836227 | 16.14 | 21.3609 | 32.4874421 | 16.32 | 24.3667 | 32.5911458 | 16.36 | 19.1055 |
| 32.3837384 | 16.25 | 23.5515 | 32.4875579 | 16.32 | 24.7745 | 32.5912616 | 16.39 | 17.5293 |
| 32.3838542 | 16.16 | 22.3884 | 32.4876736 | 16.32 | 24.6251 | 32.5913773 | 16.36 | 19.463 |
| 32.3839699 | 16.13 | 19.858 | 32.4877894 | 16.3 | 24.0466 | 32.5914931 | 16.38 | 17.6215 |
| 32.3840857 | 16.19 | 21.1801 | 32.4879051 | 16.3 | 24.1459 | 32.5916088 | 16.38 | 18.421 |
| 32.3842014 | 16.17 | 21.8289 | 32.4880208 | 16.32 | 24.5718 | 32.5917245 | 16.38 | 17.9656 |
| 32.3843171 | 16.19 | 22.6784 | 32.4881366 | 16.32 | 24.4659 | 32.5918403 | 16.39 | 17.6727 |
| 32.3844329 | 16.17 | 20.8144 | 32.4882523 | 16.3 | 24.1915 | 32.591956 | 16.39 | 17.6097 |
| 32.3845486 | 16.16 | 20.6407 | 32.4883681 | 16.3 | 23.3614 | 32.5920718 | 16.39 | 17.6697 |
| 32.3846644 | 16.14 | 19.0092 | 32.4884838 | 16.3 | 24.1858 | 32.5921875 | 16.38 | 17.659 |
| 32.3847801 | 16.13 | 19.3551 | 32.4885995 | 16.3 | 24.3325 | 32.5923032 | 16.38 | 17.9548 |
| 32.3848958 | 16.16 | 20.6897 | 32.4887153 | 16.3 | 24.5989 | 32.592419 | 16.38 | 17.7072 |
| 32.3850116 | 16.1 | 18.0479 | 32.488831 | 16.32 | 24.7025 | 32.5925347 | 16.38 | 17.6831 |
| 32.3851273 | 16.1 | 17.7812 | 32.4889468 | 16.32 | 24.8771 | 32.5926505 | 16.38 | 17.9517 |
| 32.3852431 | 16.13 | 18.9591 | 32.4890625 | 16.3 | 24.3818 | 32.5927662 | 16.39 | 17.7179 |
| 32.3853588 | 16.17 | 21.7216 | 32.4891782 | 16.29 | 23.9485 | 32.5928819 | 16.39 | 17.6681 |
| 32.3854745 | 16.11 | 18.9942 | 32.489294 | 16.3 | 24.3181 | 32.5929977 | 16.39 | 17.5694 |
| 32.3855903 | 16.14 | 19.8418 | 32.4894097 | 16.32 | 24.7414 | 32.5931134 | 16.39 | 17.4849 |
| 32.385706 | 16.22 | 22.587 | 32.4895255 | 16.32 | 25.0357 | 32.5932292 | 16.39 | 17.5145 |
| 32.3858218 | 16.22 | 22.2418 | 32.4896412 | 16.32 | 24.6429 | 32.5933449 | 16.39 | 17.6381 |
| 32.3859375 | 16.17 | 20.6233 | 32.4897569 | 16.33 | 25.008 | 32.5934607 | 16.39 | 17.8579 |
| 32.3860532 | 16.25 | 22.8301 | 32.4898727 | 16.32 | 24.9044 | 32.5935764 | 16.39 | 17.7421 |
| 32.386169 | 16.25 | 23.319 | 32.4899884 | 16.33 | 24.9835 | 32.5936921 | 16.38 | 17.9023 |
| 32.3862847 | 16.23 | 21.5718 | 32.4901042 | 16.33 | 25.0694 | 32.5938079 | 16.39 | 17.3807 |
| 32.3864005 | 16.19 | 21.0284 | 32.4902199 | 16.33 | 25.0356 | 32.5939236 | 16.39 | 17.2141 |
| 32.3865162 | 16.19 | 20.6314 | 32.4903357 | 16.33 | 25.0417 | 32.5940394 | 16.39 | 16.935 |
| 32.3866319 | 16.22 | 21.9262 | 32.4904514 | 16.32 | 24.8953 | 32.5941551 | 16.39 | 17.5724 |
| 32.3867477 | 16.17 | 20.498 | 32.4905671 | 16.32 | 24.5777 | 32.5942708 | 16.39 | 17.7618 |
| 32.3868634 | 16.2 | 21.3136 | 32.4906829 | 16.33 | 25.0509 | 32.5943866 | 16.39 | 17.7134 |
| 32.3869792 | 16.22 | 22.104 | 32.4907986 | 16.33 | 24.9774 | 32.5945023 | 16.41 | 17.0687 |
| 32.3870949 | 16.16 | 20.8424 | 32.4909144 | 16.33 | 25.2712 | 32.5946181 | 16.39 | 17.1098 |
| 32.3872107 | 16.22 | 22.0593 | 32.4910301 | 16.33 | 25.2275 | 32.5947338 | 16.39 | 17.7451 |
| 32.3873264 | 16.23 | 21.9742 | 32.4911458 | 16.33 | 25.2806 | 32.5948495 | 16.39 | 17.4378 |
| 32.3874421 | 16.22 | 21.9424 | 32.4912616 | 16.33 | 25.3939 | 32.5949653 | 16.36 | 17.1482 |
| 32.3875579 | 16.23 | 22.1032 | 32.4913773 | 16.33 | 25.3907 | 32.595081 | 16.33 | 20.5574 |
| 32.3876736 | 16.23 | 21.7004 | 32.4914931 | 16.33 | 25.3434 | 32.5951968 | 16.39 | 17.2761 |
| 32.3877894 | 16.22 | 21.6289 | 32.4916088 | 16.35 | 25.3939 | 32.5953125 | 16.39 | 17.1897 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3879051 | 16.23 | 22.0938 | 32.4917245 | 16.33 | 25.3529 | 32.5954282 | 16.38 | 17.6245 |
| 32.3880208 | 16.25 | 22.6918 | 32.4918403 | 16.33 | 25.334 | 32.595544 | 16.36 | 19.8024 |
| 32.3881366 | 16.25 | 22.5529 | 32.491956 | 16.35 | 25.3654 | 32.5956597 | 16.36 | 20.5806 |
| 32.3882523 | 16.25 | 22.4157 | 32.4920718 | 16.33 | 25.2743 | 32.5957755 | 16.36 | 22.5651 |
| 32.3883681 | 16.22 | 21.843 | 32.4921875 | 16.35 | 25.4987 | 32.5958912 | 16.38 | 23.9088 |
| 32.3884838 | 16.17 | 20.6051 | 32.4923032 | 16.35 | 25.2931 | 32.5960069 | 16.38 | 22.3383 |
| 32.3885995 | 16.22 | 22.3621 | 32.492419 | 16.35 | 25.4192 | 32.5961227 | 16.36 | 20.5117 |
| 32.3887153 | 16.22 | 22.0757 | 32.4925347 | 16.35 | 25.4255 | 32.5962384 | 16.38 | 21.3582 |
| 32.388831 | 16.13 | 16.4967 | 32.4926505 | 16.35 | 25.4446 | 32.5963542 | 16.36 | 22.2097 |
| 32.3889468 | 16.16 | 20.6021 | 32.4927662 | 16.33 | 25.4477 | 32.5964699 | 16.36 | 19.5778 |
| 32.3890625 | 16.25 | 23.1797 | 32.4928819 | 16.33 | 25.4414 | 32.5965857 | 16.38 | 19.8114 |
| 32.3891782 | 16.16 | 20.0556 | 32.4929977 | 16.33 | 25.3781 | 32.5967014 | 16.38 | 20.5623 |
| 32.389294 | 16.25 | 22.4523 | 32.4931134 | 16.33 | 25.3813 | 32.5968171 | 16.38 | 20.8533 |
| 32.3894097 | 16.11 | 17.1129 | 32.4932292 | 16.33 | 25.3277 | 32.5969329 | 16.38 | 19.3059 |
| 32.3895255 | 16.11 | 19.3133 | 32.4933449 | 16.32 | 24.8377 | 32.5970486 | 16.38 | 19.2721 |
| 32.3896412 | 16.14 | 18.8473 | 32.4934607 | 16.32 | 25.0973 | 32.5971644 | 16.38 | 19.3973 |
| 32.3897569 | 16.16 | 19.5603 | 32.4935764 | 16.33 | 25.3876 | 32.5972801 | 16.38 | 19.3847 |
| 32.3898727 | 16.16 | 20.8633 | 32.4936921 | 16.33 | 25.4764 | 32.5973958 | 16.38 | 19.4099 |
| 32.3899884 | 16.22 | 22.0171 | 32.4938079 | 16.35 | 25.5626 | 32.5975116 | 16.38 | 19.7832 |
| 32.3901042 | 16.22 | 21.804 | 32.4939236 | 16.35 | 25.5402 | 32.5976273 | 16.38 | 19.5773 |
| 32.3902199 | 16.16 | 19.8413 | 32.4940394 | 16.36 | 25.5338 | 32.5977431 | 16.38 | 19.3757 |
| 32.3903357 | 16.19 | 21.8548 | 32.4941551 | 16.35 | 25.5594 | 32.5978588 | 16.38 | 19.6473 |
| 32.3904514 | 16.14 | 19.8756 | 32.4942708 | 16.35 | 25.3119 | 32.5979745 | 16.38 | 19.281 |
| 32.3905671 | 16.19 | 20.986 | 32.4943866 | 16.35 | 25.4065 | 32.5980903 | 16.38 | 19.0612 |
| 32.3906829 | 16.2 | 21.7645 | 32.4945023 | 16.33 | 24.8044 | 32.598206 | 16.38 | 19.4316 |
| 32.3907986 | 16.2 | 21.4543 | 32.4946181 | 16.3 | 24.3412 | 32.5983218 | 16.38 | 19.5151 |
| 32.3909144 | 16.22 | 21.5191 | 32.4947338 | 16.3 | 24.1004 | 32.5984375 | 16.38 | 19.5151 |
| 32.3910301 | 16.19 | 21.0965 | 32.4948495 | 16.32 | 24.8498 | 32.5985532 | 16.38 | 19.5187 |
| 32.3911458 | 16.19 | 21.1029 | 32.4949653 | 16.3 | 24.1544 | 32.598669 | 16.38 | 19.4063 |
| 32.3912616 | 16.22 | 21.5414 | 32.495081 | 16.3 | 24.0438 | 32.5987847 | 16.38 | 19.4497 |
| 32.3913773 | 16.17 | 20.5 | 32.4951968 | 16.32 | 24.8892 | 32.5989005 | 16.38 | 19.4878 |
| 32.3914931 | 16.14 | 20.056 | 32.4953125 | 16.33 | 25.1126 | 32.5990162 | 16.38 | 19.4932 |
| 32.3916088 | 16.2 | 21.294 | 32.4954282 | 16.33 | 25.0817 | 32.5991319 | 16.38 | 19.5242 |
| 32.3917245 | 16.23 | 22.7332 | 32.495544 | 16.32 | 24.5511 | 32.5992477 | 16.38 | 19.4878 |
| 32.3918403 | 16.17 | 20.1683 | 32.4956597 | 16.33 | 25.0448 | 32.5993634 | 16.38 | 19.4442 |
| 32.391956 | 16.19 | 21.0305 | 32.4957755 | 16.33 | 25.0141 | 32.5994792 | 16.39 | 19.4448 |
| 32.3920718 | 16.17 | 20.6948 | 32.4958912 | 16.33 | 25.0233 | 32.5995949 | 16.38 | 19.8983 |
| 32.3921875 | 16.19 | 20.8144 | 32.4960069 | 16.33 | 24.8709 | 32.5997107 | 16.38 | 19.675 |
| 32.3923032 | 16.22 | 22.5574 | 32.4961227 | 16.33 | 24.9194 | 32.5998264 | 16.38 | 19.475 |
| 32.392419 | 16.17 | 20.9986 | 32.4962384 | 16.33 | 24.7053 | 32.5999421 | 16.38 | 19.4406 |
| 32.3925347 | 16.22 | 22.0264 | 32.4963542 | 16.32 | 24.3464 | 32.6000579 | 16.38 | 20.1697 |
| 32.3926505 | 16.2 | 21.4654 | 32.4964699 | 16.33 | 24.413 | 32.6001736 | 16.38 | 19.8283 |
| 32.3927662 | 16.25 | 22.5529 | 32.4965857 | 16.3 | 23.3243 | 32.6002894 | 16.38 | 19.8755 |
| 32.3928819 | 16.19 | 21.0199 | 32.4967014 | 16.25 | 21.0457 | 32.6004051 | 16.38 | 19.8434 |
| 32.3929977 | 16.19 | 20.8747 | 32.4968171 | 16.32 | 24.8287 | 32.6005208 | 16.38 | 20.0707 |
| 32.3931134 | 16.19 | 20.7626 | 32.4969329 | 16.33 | 24.7984 | 32.6006366 | 16.38 | 19.729 |
| 32.3932292 | 16.17 | 20.5302 | 32.4970486 | 16.32 | 24.131 | 32.6007523 | 16.38 | 19.3973 |
| 32.3933449 | 16.17 | 20.8747 | 32.4971644 | 16.3 | 23.7483 | 32.6008681 | 16.38 | 19.5644 |
| 32.3934607 | 16.17 | 20.7071 | 32.4972801 | 16.29 | 23.2535 | 32.6009838 | 16.36 | 19.6886 |
| 32.3935764 | 16.19 | 21.2536 | 32.4973958 | 16.32 | 24.3233 | 32.6010995 | 16.38 | 19.5993 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3936921 | 16.25 | 22.2683 | 32.4975116 | 16.26 | 22.5768 | 32.6012153 | 16.38 | 19.7794 |
| 32.3938079 | 16.17 | 19.6175 | 32.4976273 | 16.26 | 22.6787 | 32.601331 | 16.38 | 19.5461 |
| 32.3939236 | 16.17 | 20.7606 | 32.4977431 | 16.33 | 24.886 | 32.6014468 | 16.38 | 19.8528 |
| 32.3940394 | 16.22 | 21.6922 | 32.4978588 | 16.3 | 23.6824 | 32.6015625 | 16.38 | 19.8189 |
| 32.3941551 | 16.22 | 21.5436 | 32.4979745 | 16.33 | 24.7803 | 32.6016782 | 16.38 | 19.8151 |
| 32.3942708 | 16.2 | 21.4189 | 32.4980903 | 16.33 | 23.9246 | 32.601794 | 16.38 | 19.7832 |
| 32.3943866 | 16.2 | 22.0047 | 32.498206 | 16.29 | 23.0707 | 32.6019097 | 16.38 | 19.7701 |
| 32.3945023 | 16.23 | 21.9789 | 32.4983218 | 16.32 | 24.6162 | 32.6020255 | 16.36 | 19.9044 |
| 32.3946181 | 16.25 | 22.355 | 32.4984375 | 16.35 | 25.0047 | 32.6021412 | 16.38 | 19.4406 |
| 32.3947338 | 16.25 | 22.2324 | 32.4985532 | 16.35 | 25.1962 | 32.6022569 | 16.38 | 19.688 |
| 32.3948495 | 16.2 | 20.5007 | 32.498669 | 16.33 | 24.9988 | 32.6023727 | 16.38 | 19.701 |
| 32.3949653 | 16.25 | 22.585 | 32.4987847 | 16.33 | 24.6636 | 32.6024884 | 16.38 | 19.688 |
| 32.395081 | 16.22 | 21.4502 | 32.4989005 | 16.32 | 24.2052 | 32.6026042 | 16.38 | 19.6436 |
| 32.3951968 | 16.23 | 22.1103 | 32.4990162 | 16.35 | 25.1713 | 32.6027199 | 16.38 | 19.7701 |
| 32.3953125 | 16.25 | 22.2443 | 32.4991319 | 16.35 | 25.3749 | 32.6028357 | 16.36 | 19.9596 |
| 32.3954282 | 16.25 | 22.5479 | 32.4992477 | 16.36 | 25.3559 | 32.6029514 | 16.38 | 19.8945 |
| 32.395544 | 16.25 | 22.6221 | 32.4993634 | 16.35 | 25.2743 | 32.6030671 | 16.38 | 19.742 |
| 32.3956597 | 16.22 | 21.4857 | 32.4994792 | 16.26 | 21.6864 | 32.6031829 | 16.38 | 19.7607 |
| 32.3957755 | 16.17 | 20.3525 | 32.4995949 | 16.33 | 25.1312 | 32.6032986 | 16.38 | 19.7476 |
| 32.3958912 | 16.06 | 14.3685 | 32.4997107 | 16.33 | 25.1963 | 32.6034144 | 16.36 | 19.6848 |
| 32.3960069 | 16.1 | 17.7119 | 32.4998264 | 16.35 | 25.1558 | 32.6035301 | 16.36 | 19.8854 |
| 32.3961227 | 16.17 | 21.9466 | 32.4999421 | 16.33 | 25.1839 | 32.6036458 | 16.38 | 19.8151 |
| 32.3962384 | 16.1 | 17.5985 | 32.5000579 | 16.35 | 25.2617 | 32.6037616 | 16.36 | 20.3991 |
| 32.3963542 | 16.25 | 23.7038 | 32.5001736 | 16.35 | 25.2899 | 32.6038773 | 16.38 | 19.9021 |
| 32.3964699 | 16.2 | 21.2809 | 32.5002894 | 16.35 | 25.2555 | 32.6039931 | 16.36 | 19.8344 |
| 32.3965857 | 16.25 | 23.7422 | 32.5004051 | 16.35 | 25.3276 | 32.6041088 | 16.36 | 19.7987 |
| 32.3967014 | 16.25 | 22.5037 | 32.5005208 | 16.35 | 25.2837 | 32.6042245 | 16.36 | 19.9405 |
| 32.3968171 | 16.22 | 21.7354 | 32.5006366 | 16.35 | 25.2837 | 32.6043403 | 16.36 | 20.0671 |
| 32.3969329 | 16.22 | 21.4369 | 32.5007523 | 16.33 | 25.2775 | 32.604456 | 16.38 | 20.0148 |
| 32.3970486 | 16.22 | 21.7514 | 32.5008681 | 16.35 | 25.3025 | 32.6045718 | 16.36 | 20.019 |
| 32.3971644 | 16.25 | 23.5218 | 32.5009838 | 16.29 | 22.8529 | 32.6046875 | 16.36 | 19.9673 |
| 32.3972801 | 16.22 | 21.5727 | 32.5010995 | 16.33 | 24.613 | 32.6048032 | 16.36 | 19.7743 |
| 32.3973958 | 16.2 | 21.0104 | 32.5012153 | 16.29 | 23.1643 | 32.604919 | 16.38 | 19.9173 |
| 32.3975116 | 16.25 | 22.8579 | 32.501331 | 16.33 | 24.8225 | 32.6050347 | 16.36 | 19.8476 |
| 32.3976273 | 16.27 | 24.3218 | 32.5014468 | 16.33 | 24.9347 | 32.6051505 | 16.38 | 20.009 |
| 32.3977431 | 16.29 | 24.5136 | 32.5015625 | 16.35 | 25.2586 | 32.6052662 | 16.38 | 20.0321 |
| 32.3978588 | 16.27 | 23.9885 | 32.5016782 | 16.35 | 25.2586 | 32.6053819 | 16.38 | 19.7514 |
| 32.3979745 | 16.25 | 22.8301 | 32.501794 | 16.36 | 25.315 | 32.6054977 | 16.36 | 19.5284 |
| 32.3980903 | 16.25 | 22.5012 | 32.5019097 | 16.36 | 25.5178 | 32.6056134 | 16.36 | 19.5431 |
| 32.398206 | 16.23 | 22.0561 | 32.5020255 | 16.36 | 25.6269 | 32.6057292 | 16.36 | 19.4106 |
| 32.3983218 | 16.22 | 21.8407 | 32.5021412 | 16.38 | 25.6399 | 32.6058449 | 16.36 | 19.4503 |
| 32.3984375 | 16.26 | 23.9106 | 32.5022569 | 16.36 | 25.6527 | 32.6059607 | 16.36 | 19.4196 |
| 32.3985532 | 16.19 | 20.5099 | 32.5023727 | 16.36 | 25.4097 | 32.6060764 | 16.36 | 19.202 |
| 32.398669 | 16.25 | 23.4226 | 32.5024884 | 16.35 | 25.0692 | 32.6061921 | 16.36 | 19.2603 |
| 32.3987847 | 16.22 | 21.3642 | 32.5026042 | 16.32 | 23.7474 | 32.6063079 | 16.36 | 19.3209 |
| 32.3989005 | 16.25 | 22.1823 | 32.5027199 | 16.33 | 24.5126 | 32.6064236 | 16.36 | 19.463 |
| 32.3990162 | 16.25 | 22.3962 | 32.5028357 | 16.33 | 24.6071 | 32.6065394 | 16.38 | 19.5553 |
| 32.3991319 | 16.25 | 23.4226 | 32.5029514 | 16.35 | 25.1496 | 32.6066551 | 16.36 | 19.4503 |
| 32.3992477 | 16.25 | 22.6669 | 32.5030671 | 16.35 | 25.0477 | 32.6067708 | 16.36 | 19.2355 |
| 32.3993634 | 16.16 | 18.8548 | 32.5031829 | 16.33 | 24.6398 | 32.6068866 | 16.36 | 19.3298 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3994792 | 16.14 | 19.8606 | 32.5032986 | 16.33 | 24.6427 | 32.6070023 | 16.36 | 19.2302 |
| 32.3995949 | 16.19 | 20.3186 | 32.5034144 | 16.33 | 24.3956 | 32.6071181 | 16.36 | 19.4196 |
| 32.3997107 | 16.14 | 19.2458 | 32.5035301 | 16.32 | 24.5187 | 32.6072338 | 16.36 | 19.3119 |
| 32.3998264 | 16.14 | 18.7014 | 32.5036458 | 16.33 | 24.3956 | 32.6073495 | 16.36 | 19.3423 |
| 32.3999421 | 16.17 | 20.5706 | 32.5037616 | 16.32 | 23.5077 | 32.6074653 | 16.36 | 19.0463 |
| 32.4000579 | 16.19 | 21.7951 | 32.5038773 | 16.3 | 23.4495 | 32.607581 | 16.36 | 19.7071 |
| 32.4001736 | 16.16 | 19.9621 | 32.5039931 | 16.32 | 24.0997 | 32.6076968 | 16.36 | 19.7016 |
| 32.4002894 | 16.16 | 19.0894 | 32.5041088 | 16.35 | 25.0477 | 32.6078125 | 16.36 | 19.6719 |
| 32.4004051 | 16.14 | 19.2705 | 32.5042245 | 16.35 | 25.1931 | 32.6079282 | 16.36 | 19.5723 |
| 32.4005208 | 16.23 | 22.4026 | 32.5043403 | 16.33 | 24.2681 | 32.608044 | 16.36 | 19.4684 |
| 32.4006366 | 16.16 | 19.3727 | 32.504456 | 16.33 | 24.1934 | 32.6081597 | 16.36 | 19.4412 |
| 32.4007523 | 16.14 | 18.9817 | 32.5045718 | 16.33 | 24.3868 | 32.6082755 | 16.36 | 19.6663 |
| 32.4008681 | 16.19 | 20.1292 | 32.5046875 | 16.35 | 24.7229 | 32.6083912 | 16.38 | 19.475 |
| 32.4009838 | 16.2 | 20.4646 | 32.5048032 | 16.3 | 22.8776 | 32.6085069 | 16.36 | 19.5723 |
| 32.4010995 | 16.22 | 21.5571 | 32.504919 | 16.29 | 22.5427 | 32.6086227 | 16.36 | 19.5999 |
| 32.4012153 | 16.22 | 21.2529 | 32.5050347 | 16.27 | 22.4069 | 32.6087384 | 16.36 | 19.5284 |
| 32.401331 | 16.22 | 21.406 | 32.5051505 | 16.27 | 22.4826 | 32.6088542 | 16.36 | 19.389 |
| 32.4014468 | 16.25 | 23.3747 | 32.5052662 | 16.27 | 22.3657 | 32.6089699 | 16.36 | 19.3548 |
| 32.4015625 | 16.25 | 22.5086 | 32.5053819 | 16.33 | 24.7173 | 32.6090857 | 16.36 | 19.3638 |
| 32.4016782 | 16.25 | 22.4718 | 32.5054977 | 16.35 | 25.0047 | 32.6092014 | 16.36 | 19.3298 |
| 32.401794 | 16.27 | 24.0646 | 32.5056134 | 16.33 | 23.8105 | 32.6093171 | 16.36 | 19.1808 |
| 32.4019097 | 16.26 | 23.8772 | 32.5057292 | 16.32 | 24.1253 | 32.6094329 | 16.36 | 19.0793 |
| 32.4020255 | 16.25 | 23.3137 | 32.5058449 | 16.35 | 25.1962 | 32.6095486 | 16.36 | 19.0134 |
| 32.4021412 | 16.26 | 23.5537 | 32.5059607 | 16.35 | 25.1806 | 32.6096644 | 16.36 | 18.9772 |
| 32.4022569 | 16.27 | 23.9381 | 32.5060764 | 16.3 | 22.6835 | 32.6097801 | 16.36 | 18.8864 |
| 32.4023727 | 16.27 | 24.059 | 32.5061921 | 16.33 | 24.5568 | 32.6098958 | 16.36 | 18.7745 |
| 32.4024884 | 16.27 | 23.6564 | 32.5063079 | 16.35 | 24.5593 | 32.6100116 | 16.35 | 18.6203 |
| 32.4026042 | 16.26 | 23.4462 | 32.5064236 | 16.29 | 22.6592 | 32.6101273 | 16.36 | 18.5266 |
| 32.4027199 | 16.26 | 23.6297 | 32.5065394 | 16.32 | 23.8054 | 32.6102431 | 16.35 | 18.1496 |
| 32.4028357 | 16.27 | 24.2469 | 32.5066551 | 16.32 | 23.8248 | 32.6103588 | 16.35 | 17.8267 |
| 32.4029514 | 16.26 | 23.5268 | 32.5067708 | 16.27 | 22.1522 | 32.6104745 | 16.35 | 17.6903 |
| 32.4030671 | 16.25 | 22.9957 | 32.5068866 | 16.27 | 22.0623 | 32.6105903 | 16.35 | 17.8054 |
| 32.4031829 | 16.22 | 21.9053 | 32.5070023 | 16.33 | 24.4276 | 32.610706 | 16.35 | 17.9218 |
| 32.4032986 | 16.25 | 22.9803 | 32.5071181 | 16.33 | 24.8376 | 32.6108218 | 16.35 | 17.6377 |
| 32.4034144 | 16.26 | 23.5321 | 32.5072338 | 16.35 | 25.1032 | 32.6109375 | 16.35 | 17.5393 |
| 32.4035301 | 16.25 | 23.024 | 32.5073495 | 16.35 | 24.8403 | 32.6110532 | 16.35 | 17.5944 |
| 32.4036458 | 16.25 | 20.9188 | 32.5074653 | 16.35 | 24.9405 | 32.611169 | 16.35 | 17.6272 |
| 32.4037616 | 16.25 | 23.4253 | 32.507581 | 16.35 | 24.8766 | 32.6112847 | 16.35 | 17.2673 |
| 32.4038773 | 16.25 | 22.23 | 32.5076968 | 16.33 | 24.7833 | 32.6114005 | 16.35 | 17.124 |
| 32.4039931 | 16.25 | 23.1042 | 32.5078125 | 16.35 | 24.968 | 32.6115162 | 16.35 | 16.9659 |
| 32.4041088 | 16.27 | 24.0307 | 32.5079282 | 16.35 | 24.9741 | 32.6116319 | 16.35 | 17.2962 |
| 32.4042245 | 16.19 | 21.1758 | 32.508044 | 16.35 | 24.9344 | 32.6117477 | 16.35 | 17.6978 |
| 32.4043403 | 16.19 | 20.2342 | 32.5081597 | 16.35 | 24.968 | 32.6118634 | 16.35 | 17.1212 |
| 32.404456 | 16.16 | 18.779 | 32.5082755 | 16.35 | 24.9253 | 32.6119792 | 16.35 | 17.015 |
| 32.4045718 | 16.25 | 22.1894 | 32.5083912 | 16.35 | 24.9009 | 32.6120949 | 16.35 | 17.6617 |
| 32.4046875 | 16.25 | 22.0639 | 32.5085069 | 16.35 | 24.9741 | 32.6122107 | 16.35 | 17.492 |
| 32.4048032 | 16.25 | 22.6569 | 32.5086227 | 16.35 | 24.9344 | 32.6123264 | 16.35 | 17.5735 |
| 32.404919 | 16.25 | 23.0343 | 32.5087384 | 16.35 | 25.0538 | 32.6124421 | 16.35 | 17.7947 |
| 32.4050347 | 16.2 | 20.3868 | 32.5088542 | 16.35 | 25.131 | 32.6125579 | 16.35 | 18.0616 |
| 32.4051505 | 16.16 | 19.4931 | 32.5089699 | 16.35 | 25.2086 | 32.6126736 | 16.35 | 17.728 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4052662 | 16.25 | 23.4842 | 32.5090857 | 16.35 | 25.2055 | 32.6127894 | 16.35 | 17.6632 |
| 32.4053819 | 16.27 | 23.9914 | 32.5092014 | 16.35 | 25.243 | 32.6129051 | 16.35 | 17.4346 |
| 32.4054977 | 16.16 | 18.4119 | 32.5093171 | 16.35 | 25.1837 | 32.6130208 | 16.35 | 17.4258 |
| 32.4056134 | 16.11 | 17.2799 | 32.5094329 | 16.36 | 25.3056 | 32.6131366 | 16.35 | 17.3717 |
| 32.4057292 | 16.14 | 19.2282 | 32.5095486 | 16.33 | 25.1126 | 32.6132523 | 16.35 | 17.4714 |
| 32.4058449 | 16.13 | 18.7361 | 32.5096644 | 16.35 | 24.9863 | 32.6133681 | 16.35 | 17.4317 |
| 32.4059607 | 16.14 | 18.8524 | 32.5097801 | 16.35 | 25.0446 | 32.6134838 | 16.35 | 17.4611 |
| 32.4060764 | 16.22 | 22.0499 | 32.5098958 | 16.33 | 24.4862 | 32.6135995 | 16.35 | 17.4346 |
| 32.4061921 | 16.25 | 23.006 | 32.5100116 | 16.33 | 24.2422 | 32.6137153 | 16.35 | 17.3586 |
| 32.4063079 | 16.25 | 23.2163 | 32.5101273 | 16.33 | 24.3956 | 32.613831 | 16.35 | 17.3353 |
| 32.4064236 | 16.25 | 23.3534 | 32.5102431 | 16.35 | 24.8312 | 32.6139468 | 16.35 | 17.3849 |
| 32.4065394 | 16.32 | 25.1096 | 32.5103588 | 16.33 | 24.3985 | 32.6140625 | 16.35 | 17.442 |
| 32.4066551 | 16.32 | 24.7085 | 32.5104745 | 16.35 | 24.7319 | 32.6141782 | 16.35 | 17.3717 |
| 32.4067708 | 16.22 | 21.0381 | 32.5105903 | 16.35 | 24.4564 | 32.614294 | 16.35 | 17.4288 |
| 32.4068866 | 16.23 | 21.7756 | 32.510706 | 16.33 | 24.0568 | 32.6144097 | 16.35 | 17.3819 |
| 32.4070023 | 16.25 | 23.2346 | 32.5108218 | 16.33 | 24.7833 | 32.6145255 | 16.35 | 17.4581 |
| 32.4071181 | 16.25 | 23.0189 | 32.5109375 | 16.32 | 23.9362 | 32.6146412 | 16.35 | 17.3892 |
| 32.4072338 | 16.25 | 22.5677 | 32.5110532 | 16.33 | 24.5775 | 32.6147569 | 16.35 | 17.3659 |
| 32.4073495 | 16.27 | 24.011 | 32.511169 | 16.33 | 24.1706 | 32.6148727 | 16.35 | 17.4684 |
| 32.4074653 | 16.25 | 23.2425 | 32.5112847 | 16.35 | 25.0908 | 32.6149884 | 16.35 | 17.8405 |
| 32.407581 | 16.29 | 24.2406 | 32.5114005 | 16.33 | 24.4393 | 32.6151042 | 16.35 | 18.0195 |
| 32.4076968 | 16.3 | 24.4781 | 32.5115162 | 16.35 | 24.7349 | 32.6152199 | 16.35 | 18.0335 |
| 32.4078125 | 16.3 | 24.2719 | 32.5116319 | 16.33 | 24.548 | 32.6153357 | 16.35 | 18.1765 |
| 32.4079282 | 16.32 | 24.5777 | 32.5117477 | 16.33 | 23.7995 | 32.6154514 | 16.35 | 18.1717 |
| 32.408044 | 16.32 | 24.6133 | 32.5118634 | 16.33 | 24.3868 | 32.6155671 | 16.35 | 18.1828 |
| 32.4081597 | 16.32 | 24.7715 | 32.5119792 | 16.33 | 23.805 | 32.6156829 | 16.35 | 18.0039 |
| 32.4082755 | 16.32 | 24.6906 | 32.5120949 | 16.33 | 24.1591 | 32.6157986 | 16.35 | 17.9868 |
| 32.4083912 | 16.33 | 24.6576 | 32.5122107 | 16.35 | 25.1527 | 32.6159144 | 16.35 | 17.8191 |
| 32.4085069 | 16.32 | 24.5511 | 32.5123264 | 16.33 | 24.3172 | 32.6160301 | 16.35 | 17.9249 |
| 32.4086227 | 16.33 | 24.6279 | 32.5124421 | 16.33 | 24.3607 | 32.6161458 | 16.35 | 18.0522 |
| 32.4087384 | 16.35 | 25.3781 | 32.5125579 | 16.33 | 24.2135 | 32.6162616 | 16.35 | 18.0585 |
| 32.4088542 | 16.36 | 25.3465 | 32.5126736 | 16.32 | 23.2941 | 32.6163773 | 16.35 | 18.0008 |
| 32.4089699 | 16.36 | 25.4065 | 32.5127894 | 16.32 | 24.0629 | 32.6164931 | 16.35 | 17.5839 |
| 32.4090857 | 16.35 | 24.8948 | 32.5129051 | 16.32 | 23.1967 | 32.6166088 | 16.35 | 17.816 |
| 32.4092014 | 16.35 | 25.1124 | 32.5130208 | 16.33 | 24.5745 | 32.6167245 | 16.35 | 18.2687 |
| 32.4093171 | 16.35 | 25.0292 | 32.5131366 | 16.32 | 23.2968 | 32.6168403 | 16.35 | 18.2911 |
| 32.4094329 | 16.33 | 24.7743 | 32.5132523 | 16.32 | 23.2994 | 32.616956 | 16.35 | 18.1717 |
| 32.4095486 | 16.33 | 24.9865 | 32.5133681 | 16.32 | 23.273 | 32.6170718 | 16.35 | 18.3635 |
| 32.4096644 | 16.33 | 24.9377 | 32.5134838 | 16.32 | 23.244 | 32.6171875 | 16.33 | 17.6375 |
| 32.4097801 | 16.33 | 24.7413 | 32.5135995 | 16.32 | 23.646 | 32.6173032 | 16.33 | 18.2698 |
| 32.4098958 | 16.33 | 24.6755 | 32.5137153 | 16.32 | 23.1836 | 32.617419 | 16.35 | 18.0117 |
| 32.4100116 | 16.32 | 24.4894 | 32.513831 | 16.32 | 23.4084 | 32.6175347 | 16.35 | 17.6422 |
| 32.4101273 | 16.33 | 24.9103 | 32.5139468 | 16.32 | 23.2361 | 32.6176505 | 16.35 | 18.4657 |
| 32.4102431 | 16.33 | 24.9713 | 32.5140625 | 16.32 | 23.095 | 32.6177662 | 16.35 | 17.8788 |
| 32.4103588 | 16.33 | 24.9377 | 32.5141782 | 16.29 | 22.4763 | 32.6178819 | 16.33 | 16.4867 |
| 32.4104745 | 16.33 | 24.959 | 32.514294 | 16.3 | 23.0211 | 32.6179977 | 16.32 | 15.9855 |
| 32.4105903 | 16.33 | 24.8285 | 32.5144097 | 16.3 | 23.1847 | 32.6181134 | 16.32 | 16.0548 |
| 32.410706 | 16.36 | 25.3875 | 32.5145255 | 16.33 | 24.7863 | 32.6182292 | 16.35 | 18.3554 |
| 32.4108218 | 16.33 | 24.6249 | 32.5146412 | 16.35 | 25.0354 | 32.6183449 | 16.35 | 18.2464 |
| 32.4109375 | 16.33 | 24.7323 | 32.5147569 | 16.35 | 24.8041 | 32.6184607 | 16.33 | 17.6855 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4110532 | 16.3 | 23.9538 | 32.5148727 | 16.35 | 24.7199 | 32.6185764 | 16.33 | 17.3019 |
| 32.411169 | 16.33 | 24.7083 | 32.5149884 | 16.35 | 24.907 | 32.6186921 | 16.33 | 17.2384 |
| 32.4112847 | 16.32 | 23.9138 | 32.5151042 | 16.35 | 24.8161 | 32.6188079 | 16.33 | 17.1682 |
| 32.4114005 | 16.25 | 23.3667 | 32.5152199 | 16.35 | 24.8857 | 32.6189236 | 16.35 | 17.5572 |
| 32.4115162 | 16.3 | 24.1973 | 32.5153357 | 16.35 | 25.1093 | 32.6190394 | 16.33 | 17.4815 |
| 32.4116319 | 16.3 | 23.8561 | 32.5154514 | 16.36 | 25.246 | 32.6191551 | 16.33 | 17.097 |
| 32.4117477 | 16.3 | 23.5546 | 32.5155671 | 16.36 | 25.2617 | 32.6192708 | 16.32 | 16.2393 |
| 32.4118634 | 16.26 | 23.127 | 32.5156829 | 16.35 | 25.0661 | 32.6193866 | 16.33 | 18.1919 |
| 32.4119792 | 16.32 | 24.1538 | 32.5157986 | 16.35 | 25.2398 | 32.6195023 | 16.33 | 18.1334 |
| 32.4120949 | 16.27 | 23.1942 | 32.5159144 | 16.33 | 24.1506 | 32.6196181 | 16.33 | 17.5957 |
| 32.4122107 | 16.27 | 23.7964 | 32.5160301 | 16.35 | 24.6275 | 32.6197338 | 16.35 | 18.791 |
| 32.4123264 | 16.32 | 24.7594 | 32.5161458 | 16.35 | 24.8403 | 32.6198495 | 16.35 | 18.9355 |
| 32.4124421 | 16.3 | 24.2144 | 32.5162616 | 16.35 | 24.7499 | 32.6199653 | 16.35 | 18.3554 |
| 32.4125579 | 16.3 | 23.9314 | 32.5163773 | 16.35 | 24.4009 | 32.620081 | 16.32 | 17.4521 |
| 32.4126736 | 16.3 | 24.1146 | 32.5164931 | 16.35 | 24.7169 | 32.6201968 | 16.32 | 17.1553 |
| 32.4127894 | 16.27 | 23.31 | 32.5166088 | 16.35 | 24.6811 | 32.6203125 | 16.32 | 17.5896 |
| 32.4129051 | 16.3 | 24.1973 | 32.5167245 | 16.35 | 24.4505 | 32.6204282 | 16.35 | 18.5542 |
| 32.4130208 | 16.32 | 24.4923 | 32.5168403 | 16.35 | 24.2993 | 32.620544 | 16.33 | 18.4521 |
| 32.4131366 | 16.27 | 23.3949 | 32.516956 | 16.33 | 24.2998 | 32.6206597 | 16.33 | 17.8325 |
| 32.4132523 | 16.29 | 24.0498 | 32.5170718 | 16.35 | 24.6126 | 32.6207755 | 16.3 | 16.9828 |
| 32.4133681 | 16.29 | 23.9682 | 32.5171875 | 16.35 | 24.8645 | 32.6208912 | 16.27 | 16.3371 |
| 32.4134838 | 16.25 | 22.4449 | 32.5173032 | 16.35 | 24.6691 | 32.6210069 | 16.26 | 15.6009 |
| 32.4135995 | 16.25 | 22.6893 | 32.517419 | 16.35 | 24.2072 | 32.6211227 | 16.29 | 17.0123 |
| 32.4137153 | 16.27 | 23.9018 | 32.5175347 | 16.33 | 24.0427 | 32.6212384 | 16.29 | 16.7608 |
| 32.413831 | 16.25 | 22.6469 | 32.5176505 | 16.33 | 24.0682 | 32.6213542 | 16.27 | 15.4345 |
| 32.4139468 | 16.27 | 23.621 | 32.5177662 | 16.33 | 23.8327 | 32.6214699 | 16.27 | 15.4064 |
| 32.4140625 | 16.27 | 23.7139 | 32.5178819 | 16.33 | 24.071 | 32.6215857 | 16.27 | 15.4394 |
| 32.4141782 | 16.27 | 23.9158 | 32.5179977 | 16.33 | 23.6976 | 32.6217014 | 16.27 | 15.4418 |
| 32.414294 | 16.3 | 24.1402 | 32.5181134 | 16.32 | 23.3711 | 32.6218171 | 16.27 | 15.5785 |
| 32.4144097 | 16.26 | 23.3635 | 32.5182292 | 16.32 | 23.2703 | 32.6219329 | 16.27 | 15.7016 |
| 32.4145255 | 16.3 | 24.3935 | 32.5183449 | 16.32 | 23.2203 | 32.6220486 | 16.27 | 15.7254 |
| 32.4146412 | 16.29 | 23.9234 | 32.5184607 | 16.33 | 23.8022 | 32.6221644 | 16.27 | 15.648 |
| 32.4147569 | 16.27 | 23.7056 | 32.5185764 | 16.33 | 24.2566 | 32.6222801 | 16.27 | 15.8944 |
| 32.4148727 | 16.25 | 22.9394 | 32.5186921 | 16.35 | 24.334 | 32.6223958 | 16.27 | 16.0414 |
| 32.4149884 | 16.27 | 23.9829 | 32.5188079 | 16.35 | 24.2906 | 32.6225116 | 16.29 | 16.1796 |
| 32.4151042 | 16.29 | 23.7983 | 32.5189236 | 16.35 | 24.6186 | 32.6226273 | 16.29 | 16.6734 |
| 32.4152199 | 16.32 | 24.7895 | 32.5190394 | 16.35 | 24.5387 | 32.6227431 | 16.29 | 16.455 |
| 32.4153357 | 16.3 | 24.0635 | 32.5191551 | 16.33 | 23.8967 | 32.6228588 | 16.29 | 16.3766 |
| 32.4154514 | 16.32 | 24.7205 | 32.5192708 | 16.35 | 24.4505 | 32.6229745 | 16.29 | 16.2108 |
| 32.4155671 | 16.3 | 24.5959 | 32.5193866 | 16.35 | 24.19 | 32.6230903 | 16.29 | 16.5206 |
| 32.4156829 | 16.32 | 24.8045 | 32.5195023 | 16.33 | 23.725 | 32.623206 | 16.29 | 16.6761 |
| 32.4157986 | 16.33 | 24.7803 | 32.5196181 | 16.33 | 23.7085 | 32.6233218 | 16.29 | 16.5974 |
| 32.4159144 | 16.32 | 24.6192 | 32.5197338 | 16.33 | 23.8633 | 32.6234375 | 16.3 | 16.5635 |
| 32.4160301 | 16.33 | 24.6755 | 32.5198495 | 16.33 | 24.0342 | 32.6235532 | 16.3 | 16.6203 |
| 32.4161458 | 16.35 | 25.243 | 32.5199653 | 16.35 | 24.2158 | 32.623669 | 16.3 | 16.5932 |
| 32.4162616 | 16.33 | 25.0448 | 32.520081 | 16.35 | 24.4038 | 32.6237847 | 16.29 | 16.592 |
| 32.4163773 | 16.33 | 25.215 | 32.5201968 | 16.33 | 23.8577 | 32.6239005 | 16.29 | 16.6584 |
| 32.4164931 | 16.33 | 25.0141 | 32.5203125 | 16.33 | 23.7333 | 32.6240162 | 16.32 | 17.3789 |
| 32.4166088 | 16.35 | 25.3497 | 32.5204282 | 16.33 | 23.6483 | 32.6241319 | 16.32 | 17.8004 |
| 32.4167245 | 16.35 | 25.2743 | 32.520544 | 16.33 | 24.088 | 32.6242477 | 16.32 | 17.7837 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4168403 | 16.33 | 25.1404 | 32.5206597 | 16.33 | 24.1335 | 32.6243634 | 16.32 | 17.8431 |
| 32.416956 | 16.35 | 25.3213 | 32.5207755 | 16.33 | 23.6784 | 32.6244792 | 16.32 | 17.9677 |
| 32.4170718 | 16.33 | 24.2941 | 32.5208912 | 16.3 | 22.716 | 32.6245949 | 16.32 | 17.7867 |
| 32.4171875 | 16.32 | 24.9867 | 32.5210069 | 16.32 | 23.4808 | 32.6247107 | 16.32 | 17.5051 |
| 32.4173032 | 16.35 | 25.1434 | 32.5211227 | 16.32 | 23.4942 | 32.6248264 | 16.32 | 17.5051 |
| 32.417419 | 16.33 | 24.8587 | 32.5212384 | 16.33 | 23.7801 | 32.6249421 | 16.33 | 18.297 |
| 32.4175347 | 16.33 | 25.0172 | 32.5213542 | 16.32 | 22.5628 | 32.6250579 | 16.33 | 17.9524 |
| 32.4176505 | 16.33 | 25.0356 | 32.5214699 | 16.27 | 21.9663 | 32.6251736 | 16.32 | 17.7655 |
| 32.4177662 | 16.32 | 24.5777 | 32.5215857 | 16.32 | 23.1941 | 32.6252894 | 16.32 | 17.7035 |
| 32.4178819 | 16.35 | 25.2274 | 32.5217014 | 16.33 | 24.1079 | 32.6254051 | 16.32 | 17.7306 |
| 32.4179977 | 16.33 | 24.9927 | 32.5218171 | 16.33 | 23.9442 | 32.6255208 | 16.33 | 18.3484 |
| 32.4181134 | 16.32 | 24.1167 | 32.5219329 | 16.33 | 23.5315 | 32.6256366 | 16.33 | 18.3147 |
| 32.4182292 | 16.35 | 25.1682 | 32.5220486 | 16.32 | 23.0431 | 32.6257523 | 16.33 | 18.0722 |
| 32.4183449 | 16.33 | 25.011 | 32.5221644 | 16.3 | 22.5642 | 32.6258681 | 16.33 | 17.8631 |
| 32.4184607 | 16.32 | 25.0788 | 32.5222801 | 16.32 | 23.1575 | 32.6259838 | 16.32 | 17.8706 |
| 32.4185764 | 16.35 | 25.3056 | 32.5223958 | 16.33 | 24.0625 | 32.6260995 | 16.32 | 17.3425 |
| 32.4186921 | 16.35 | 25.243 | 32.5225116 | 16.32 | 23.4835 | 32.6262153 | 16.29 | 16.3303 |
| 32.4188079 | 16.33 | 25.1435 | 32.5226273 | 16.3 | 23.169 | 32.626331 | 16.27 | 15.9249 |
| 32.4189236 | 16.35 | 25.3717 | 32.5227431 | 16.32 | 23.3737 | 32.6264468 | 16.27 | 16.111 |
| 32.4190394 | 16.35 | 25.4477 | 32.5228588 | 16.3 | 23.2083 | 32.6265625 | 16.29 | 16.7033 |
| 32.4191551 | 16.35 | 25.3528 | 32.5229745 | 16.32 | 22.8535 | 32.6266782 | 16.3 | 16.6896 |
| 32.4192708 | 16.33 | 25.0018 | 32.5230903 | 16.29 | 22.4031 | 32.626794 | 16.3 | 16.3513 |
| 32.4193866 | 16.35 | 25.4034 | 32.523206 | 16.3 | 22.898 | 32.6269097 | 16.3 | 16.4043 |
| 32.4195023 | 16.35 | 25.3056 | 32.5233218 | 16.3 | 22.7135 | 32.6270255 | 16.29 | 16.2658 |
| 32.4196181 | 16.35 | 25.2492 | 32.5234375 | 16.29 | 22.0137 | 32.6271412 | 16.3 | 16.1482 |
| 32.4197338 | 16.35 | 25.4097 | 32.5235532 | 16.3 | 22.8776 | 32.6272569 | 16.3 | 16.1534 |
| 32.4198495 | 16.27 | 22.9152 | 32.523669 | 16.32 | 22.9479 | 32.6273727 | 16.3 | 16.1197 |
| 32.4199653 | 16.32 | 24.3146 | 32.5237847 | 16.3 | 23.2899 | 32.6274884 | 16.3 | 15.8939 |
| 32.420081 | 16.35 | 25.0723 | 32.5239005 | 16.32 | 23.121 | 32.6276042 | 16.32 | 15.886 |
| 32.4201968 | 16.35 | 24.968 | 32.5240162 | 16.3 | 23.0391 | 32.6277199 | 16.32 | 15.9115 |
| 32.4203125 | 16.29 | 24.2205 | 32.5241319 | 16.32 | 23.1131 | 32.6278357 | 16.3 | 15.8521 |
| 32.4204282 | 16.32 | 25.0942 | 32.5242477 | 16.3 | 23.1143 | 32.6279514 | 16.32 | 15.881 |
| 32.420544 | 16.3 | 23.7813 | 32.5243634 | 16.32 | 23.4888 | 32.6280671 | 16.32 | 15.7384 |
| 32.4206597 | 16.3 | 23.7813 | 32.5244792 | 16.32 | 23.2624 | 32.6281829 | 16.32 | 15.6273 |
| 32.4207755 | 16.32 | 24.7175 | 32.5245949 | 16.32 | 23.2968 | 32.6282986 | 16.32 | 15.5332 |
| 32.4208912 | 16.33 | 25.1033 | 32.5247107 | 16.33 | 23.328 | 32.6284144 | 16.32 | 15.3994 |
| 32.4210069 | 16.33 | 25.1559 | 32.5248264 | 16.32 | 23.2994 | 32.6285301 | 16.3 | 15.2252 |
| 32.4211227 | 16.35 | 25.1682 | 32.5249421 | 16.32 | 23.1236 | 32.6286458 | 16.3 | 15.1017 |
| 32.4212384 | 16.32 | 24.7355 | 32.5250579 | 16.32 | 23.134 | 32.6287616 | 16.32 | 15.1192 |
| 32.4213542 | 16.33 | 24.7024 | 32.5251736 | 16.32 | 23.2098 | 32.6288773 | 16.3 | 15.1268 |
| 32.4214699 | 16.33 | 24.7683 | 32.5252894 | 16.32 | 23.1105 | 32.6289931 | 16.3 | 15.1411 |
| 32.4215857 | 16.33 | 24.9957 | 32.5254051 | 16.32 | 23.244 | 32.6291088 | 16.3 | 15.1184 |
| 32.4217014 | 16.3 | 24.3876 | 32.5255208 | 16.32 | 23.0431 | 32.6292245 | 16.3 | 15.3146 |
| 32.4218171 | 16.33 | 25.0602 | 32.5256366 | 16.32 | 23.4004 | 32.6293403 | 16.3 | 15.1723 |
| 32.4219329 | 16.32 | 24.131 | 32.5257523 | 16.33 | 23.3387 | 32.629456 | 16.3 | 15.2795 |
| 32.4220486 | 16.32 | 24.7265 | 32.5258681 | 16.33 | 23.4561 | 32.6295718 | 16.3 | 15.1076 |
| 32.4221644 | 16.32 | 24.4162 | 32.5259838 | 16.33 | 23.4427 | 32.6296875 | 16.3 | 15.0219 |
| 32.4222801 | 16.32 | 24.6548 | 32.5260995 | 16.33 | 23.6238 | 32.6298032 | 16.3 | 15.0493 |
| 32.4223958 | 16.32 | 24.871 | 32.5262153 | 16.32 | 23.3524 | 32.629919 | 16.3 | 15.0552 |
| 32.4225116 | 16.33 | 24.6964 | 32.526331 | 16.32 | 23.0354 | 32.6300347 | 16.3 | 15.0516 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4226273 | 16.29 | 23.9373 | 32.5264468 | 16.32 | 23.1392 | 32.6301505 | 16.3 | 15.0196 |
| 32.4227431 | 16.33 | 25.1064 | 32.5265625 | 16.3 | 22.3926 | 32.6302662 | 16.3 | 15.0219 |
| 32.4228588 | 16.32 | 24.8468 | 32.5266782 | 16.29 | 21.9041 | 32.6303819 | 16.29 | 15.0697 |
| 32.4229745 | 16.33 | 24.9438 | 32.526794 | 16.3 | 22.5173 | 32.6304977 | 16.29 | 15.0067 |
| 32.4230903 | 16.33 | 25.1188 | 32.5269097 | 16.32 | 23.1888 | 32.6306134 | 16.3 | 15.1615 |
| 32.423206 | 16.27 | 23.7386 | 32.5270255 | 16.32 | 22.6372 | 32.6307292 | 16.3 | 15.6662 |
| 32.4233218 | 16.32 | 24.4104 | 32.5271412 | 16.32 | 23.1183 | 32.6308449 | 16.32 | 17.0066 |
| 32.4234375 | 16.32 | 24.3464 | 32.5272569 | 16.32 | 23.0096 | 32.6309607 | 16.3 | 15.8432 |
| 32.4235532 | 16.32 | 24.4454 | 32.5273727 | 16.32 | 22.7801 | 32.6310764 | 16.3 | 15.7274 |
| 32.423669 | 16.33 | 25.215 | 32.5274884 | 16.3 | 22.6835 | 32.6311921 | 16.3 | 16.5272 |
| 32.4237847 | 16.35 | 25.2774 | 32.5276042 | 16.32 | 22.8917 | 32.6313079 | 16.32 | 17.8187 |
| 32.4239005 | 16.33 | 25.29 | 32.5277199 | 16.33 | 23.7663 | 32.6314236 | 16.32 | 16.5715 |
| 32.4240162 | 16.35 | 25.243 | 32.5278357 | 16.32 | 22.8256 | 32.6315394 | 16.3 | 16.0796 |
| 32.4241319 | 16.32 | 24.5541 | 32.5279514 | 16.32 | 23.1522 | 32.6316551 | 16.32 | 16.9687 |
| 32.4242477 | 16.33 | 24.6368 | 32.5280671 | 16.32 | 22.9351 | 32.6317708 | 16.32 | 16.4108 |
| 32.4243634 | 16.33 | 24.8225 | 32.5281829 | 16.32 | 23.1627 | 32.6318866 | 16.3 | 15.6687 |
| 32.4244792 | 16.32 | 24.1966 | 32.5282986 | 16.32 | 22.93 | 32.6320023 | 16.32 | 16.8268 |
| 32.4245949 | 16.32 | 24.3204 | 32.5284144 | 16.32 | 23.082 | 32.6321181 | 16.33 | 18.5866 |
| 32.4247107 | 16.33 | 24.7563 | 32.5285301 | 16.32 | 23.0173 | 32.6322338 | 16.32 | 18.0283 |
| 32.4248264 | 16.32 | 24.7444 | 32.5286458 | 16.32 | 23.0872 | 32.6323495 | 16.3 | 16.3407 |
| 32.4249421 | 16.33 | 24.9407 | 32.5287616 | 16.32 | 22.9813 | 32.6324653 | 16.32 | 16.5297 |
| 32.4250579 | 16.32 | 24.6697 | 32.5288773 | 16.29 | 22.6492 | 32.632581 | 16.3 | 16.2972 |
| 32.4251736 | 16.33 | 25.2181 | 32.5289931 | 16.32 | 22.7022 | 32.6326968 | 16.3 | 15.9858 |
| 32.4252894 | 16.3 | 23.5925 | 32.5291088 | 16.32 | 22.851 | 32.6328125 | 16.29 | 14.9724 |
| 32.4254051 | 16.27 | 23.6074 | 32.5292245 | 16.32 | 22.8561 | 32.6329282 | 16.3 | 15.7099 |
| 32.4255208 | 16.32 | 25.0173 | 32.5293403 | 16.32 | 23.3471 | 32.633044 | 16.29 | 15.3524 |
| 32.4256366 | 16.33 | 25.0602 | 32.529456 | 16.32 | 22.9428 | 32.6331597 | 16.29 | 15.395 |
| 32.4257523 | 16.29 | 24.356 | 32.5295718 | 16.3 | 22.8751 | 32.6332755 | 16.29 | 14.9346 |
| 32.4258681 | 16.3 | 24.4664 | 32.5296875 | 16.3 | 22.8675 | 32.6333912 | 16.29 | 15.0875 |
| 32.4259838 | 16.25 | 22.7846 | 32.5298032 | 16.32 | 23.462 | 32.6335069 | 16.3 | 15.5755 |
| 32.4260995 | 16.25 | 21.4763 | 32.529919 | 16.32 | 23.0457 | 32.6336227 | 16.29 | 15.9284 |
| 32.4262153 | 16.29 | 24.739 | 32.5300347 | 16.32 | 23.0199 | 32.6337384 | 16.3 | 16.0474 |
| 32.426331 | 16.27 | 24.1896 | 32.5301505 | 16.32 | 22.9479 | 32.6338542 | 16.3 | 16.3579 |
| 32.4264468 | 16.29 | 24.0357 | 32.5302662 | 16.3 | 22.7839 | 32.6339699 | 16.3 | 16.7759 |
| 32.4265625 | 16.27 | 23.4913 | 32.5303819 | 16.3 | 22.837 | 32.6340857 | 16.3 | 16.8837 |
| 32.4266782 | 16.32 | 24.5659 | 32.5304977 | 16.32 | 22.7524 | 32.6342014 | 16.3 | 16.1378 |
| 32.426794 | 16.3 | 24.5163 | 32.5306134 | 16.32 | 22.989 | 32.6343171 | 16.3 | 16.1794 |
| 32.4269097 | 16.33 | 25.1064 | 32.5307292 | 16.32 | 23.095 | 32.6344329 | 16.3 | 16.5703 |
| 32.4270255 | 16.27 | 23.1446 | 32.5308449 | 16.32 | 22.8637 | 32.6345486 | 16.29 | 15.4268 |
| 32.4271412 | 16.16 | 19.5913 | 32.5309607 | 16.32 | 22.8256 | 32.6346644 | 16.29 | 15.8598 |
| 32.4272569 | 16.14 | 18.4243 | 32.5310764 | 16.3 | 22.8167 | 32.6347801 | 16.3 | 16.4602 |
| 32.4273727 | 16.25 | 22.5209 | 32.5311921 | 16.3 | 22.799 | 32.6348958 | 16.29 | 16.1159 |
| 32.4274884 | 16.22 | 20.1354 | 32.5313079 | 16.32 | 22.9941 | 32.6350116 | 16.29 | 15.769 |
| 32.4276042 | 16.25 | 23.7175 | 32.5314236 | 16.32 | 22.8383 | 32.6351273 | 16.29 | 15.4844 |
| 32.4277199 | 16.3 | 24.4869 | 32.5315394 | 16.32 | 22.813 | 32.6352431 | 16.29 | 15.808 |
| 32.4278357 | 16.22 | 20.2366 | 32.5316551 | 16.32 | 22.8586 | 32.6353588 | 16.29 | 16.1731 |
| 32.4279514 | 16.27 | 24.3652 | 32.5317708 | 16.32 | 22.9223 | 32.6354745 | 16.27 | 15.7016 |
| 32.4280671 | 16.19 | 19.5584 | 32.5318866 | 16.32 | 22.9044 | 32.6355903 | 16.29 | 15.7464 |
| 32.4281829 | 16.22 | 22.644 | 32.5320023 | 16.3 | 22.8955 | 32.635706 | 16.29 | 16.4523 |
| 32.4282986 | 16.22 | 20.7347 | 32.5321181 | 16.32 | 22.9813 | 32.6358218 | 16.29 | 16.6516 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4284144 | 16.17 | 20.8144 | 32.5322338 | 16.32 | 23.1001 | 32.6359375 | 16.29 | 16.5381 |
| 32.4285301 | 16.22 | 21.4591 | 32.5323495 | 16.32 | 22.9684 | 32.6360532 | 16.29 | 16.5839 |
| 32.4286458 | 16.29 | 24.356 | 32.5324653 | 16.32 | 23.0173 | 32.636169 | 16.29 | 16.8879 |
| 32.4287616 | 16.22 | 21.1686 | 32.532581 | 16.32 | 22.93 | 32.6362847 | 16.3 | 17.2888 |
| 32.4288773 | 16.25 | 22.2347 | 32.5326968 | 16.32 | 22.9813 | 32.6364005 | 16.3 | 17.3308 |
| 32.4289931 | 16.17 | 19.7802 | 32.5328125 | 16.32 | 22.9479 | 32.6365162 | 16.29 | 17.124 |
| 32.4291088 | 16.16 | 19.4049 | 32.5329282 | 16.3 | 22.921 | 32.6366319 | 16.29 | 16.9088 |
| 32.4292245 | 16.17 | 20.66 | 32.533044 | 16.32 | 22.9121 | 32.6367477 | 16.3 | 17.2845 |
| 32.4293403 | 16.16 | 19.8676 | 32.5331597 | 16.32 | 22.9607 | 32.6368634 | 16.3 | 17.2888 |
| 32.429456 | 16.19 | 20.9882 | 32.5332755 | 16.32 | 22.9556 | 32.6369792 | 16.3 | 17.427 |
| 32.4295718 | 16.19 | 21.0943 | 32.5333912 | 16.32 | 22.9274 | 32.6370949 | 16.29 | 16.2553 |
| 32.4296875 | 16.17 | 20.3051 | 32.5335069 | 16.32 | 22.9505 | 32.6372107 | 16.29 | 16.3329 |
| 32.4298032 | 16.14 | 19.2564 | 32.5336227 | 16.32 | 23.069 | 32.6373264 | 16.29 | 16.8796 |
| 32.429919 | 16.22 | 22.3186 | 32.5337384 | 16.32 | 23.0328 | 32.6374421 | 16.3 | 17.3221 |
| 32.4300347 | 16.17 | 19.7022 | 32.5338542 | 16.32 | 23.082 | 32.6375579 | 16.3 | 17.9195 |
| 32.4301505 | 16.14 | 18.9407 | 32.5339699 | 16.33 | 23.0684 | 32.6376736 | 16.3 | 17.5716 |
| 32.4302662 | 16.2 | 21.7668 | 32.5340857 | 16.33 | 23.0684 | 32.6377894 | 16.29 | 17.0193 |
| 32.4303819 | 16.16 | 20.2591 | 32.5342014 | 16.32 | 23.0742 | 32.6379051 | 16.29 | 16.8935 |
| 32.4304977 | 16.19 | 20.7399 | 32.5343171 | 16.32 | 23.1001 | 32.6380208 | 16.27 | 15.8906 |
| 32.4306134 | 16.16 | 19.6279 | 32.5344329 | 16.33 | 23.0944 | 32.6381366 | 16.27 | 16.3754 |
| 32.4307292 | 16.14 | 19.1878 | 32.5345486 | 16.32 | 23.147 | 32.6382523 | 16.27 | 16.0195 |
| 32.4308449 | 16.2 | 21.2331 | 32.5346644 | 16.32 | 23.1888 | 32.6383681 | 16.29 | 16.4443 |
| 32.4309607 | 16.22 | 21.7788 | 32.5347801 | 16.33 | 23.291 | 32.6384838 | 16.29 | 17.201 |
| 32.4310764 | 16.17 | 20.215 | 32.5348958 | 16.33 | 23.5667 | 32.6385995 | 16.29 | 17.8564 |
| 32.4311921 | 16.22 | 21.8315 | 32.5350116 | 16.33 | 23.4561 | 32.6387153 | 16.29 | 17.27 |
| 32.4313079 | 16.25 | 22.4988 | 32.5351273 | 16.33 | 23.4293 | 32.638831 | 16.3 | 17.4065 |
| 32.4314236 | 16.17 | 19.812 | 32.5352431 | 16.33 | 23.4776 | 32.6389468 | 16.29 | 17.6072 |
| 32.4315394 | 16.2 | 21.5723 | 32.5353588 | 16.33 | 23.5396 | 32.6390625 | 16.29 | 16.7554 |
| 32.4316551 | 16.17 | 20.4041 | 32.5354745 | 16.33 | 23.5667 | 32.6391782 | 16.27 | 16.8963 |
| 32.4317708 | 16.14 | 19.5101 | 32.5355903 | 16.33 | 23.6238 | 32.639294 | 16.29 | 17.1824 |
| 32.4318866 | 16.13 | 19.1472 | 32.535706 | 16.33 | 23.4749 | 32.6394097 | 16.29 | 17.5894 |
| 32.4320023 | 16.25 | 23.6573 | 32.5358218 | 16.33 | 23.4347 | 32.6395255 | 16.29 | 17.3293 |
| 32.4321181 | 16.25 | 22.7846 | 32.5359375 | 16.3 | 23.2609 | 32.6396412 | 16.27 | 17.3336 |
| 32.4322338 | 16.17 | 19.8682 | 32.5360532 | 16.32 | 23.4245 | 32.6397569 | 16.27 | 16.9019 |
| 32.4323495 | 16.16 | 19.5567 | 32.536169 | 16.32 | 23.5185 | 32.6398727 | 16.29 | 17.4109 |
| 32.4324653 | 16.22 | 21.499 | 32.5362847 | 16.32 | 23.5536 | 32.6399884 | 16.3 | 17.8566 |
| 32.432581 | 16.22 | 21.4303 | 32.5364005 | 16.3 | 23.3349 | 32.6401042 | 16.29 | 17.283 |
| 32.4326968 | 16.17 | 20.1799 | 32.5365162 | 16.3 | 23.3774 | 32.6402199 | 16.3 | 17.7576 |
| 32.4328125 | 16.14 | 19.3663 | 32.5366319 | 16.32 | 23.6106 | 32.6403357 | 16.29 | 17.7379 |
| 32.4329282 | 16.17 | 19.8946 | 32.5367477 | 16.33 | 24.1136 | 32.6404514 | 16.29 | 17.471 |
| 32.433044 | 16.17 | 20.986 | 32.5368634 | 16.33 | 23.9162 | 32.6405671 | 16.27 | 16.5329 |
| 32.4331597 | 16.17 | 20.2111 | 32.5369792 | 16.35 | 24.0166 | 32.6406829 | 16.27 | 16.8008 |
| 32.4332755 | 16.17 | 19.997 | 32.5370949 | 16.33 | 24.1934 | 32.6407986 | 16.29 | 17.2801 |
| 32.4333912 | 16.14 | 19.6304 | 32.5372107 | 16.35 | 24.3834 | 32.6409144 | 16.29 | 17.1055 |
| 32.4335069 | 16.16 | 19.6298 | 32.5373264 | 16.36 | 24.3948 | 32.6410301 | 16.27 | 16.7788 |
| 32.4336227 | 16.14 | 19.5101 | 32.5374421 | 16.36 | 24.4474 | 32.6411458 | 16.29 | 17.7303 |
| 32.4337384 | 16.14 | 19.5373 | 32.5375579 | 16.3 | 22.8066 | 32.6412616 | 16.29 | 18.1847 |
| 32.4338542 | 16.2 | 21.2657 | 32.5376736 | 16.32 | 23.1993 | 32.6413773 | 16.29 | 16.7622 |
| 32.4339699 | 16.16 | 19.7758 | 32.5377894 | 16.32 | 23.5916 | 32.6414931 | 16.29 | 16.619 |
| 32.4340857 | 16.16 | 19.5712 | 32.5379051 | 16.36 | 24.822 | 32.6416088 | 16.29 | 16.5798 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4342014 | 16.16 | 19.5895 | 32.5380208 | 16.32 | 23.4835 | 32.6417245 | 16.29 | 16.5717 |
| 32.4343171 | 16.13 | 19.5023 | 32.5381366 | 16.33 | 24.0767 | 32.6418403 | 16.29 | 17.5359 |
| 32.4344329 | 16.14 | 19.5774 | 32.5382523 | 16.32 | 23.3392 | 32.641956 | 16.29 | 18.0683 |
| 32.4345486 | 16.16 | 20.6285 | 32.5383681 | 16.32 | 23.5185 | 32.6420718 | 16.29 | 18.1657 |
| 32.4346644 | 16.22 | 21.4702 | 32.5384838 | 16.3 | 23.0236 | 32.6421875 | 16.3 | 17.8704 |
| 32.4347801 | 16.25 | 23.7339 | 32.5385995 | 16.32 | 23.6079 | 32.6423032 | 16.3 | 18.4431 |
| 32.4348958 | 16.32 | 24.9257 | 32.5387153 | 16.29 | 22.7192 | 32.642419 | 16.3 | 18.4496 |
| 32.4350116 | 16.27 | 23.602 | 32.538831 | 16.27 | 22.5564 | 32.6425347 | 16.3 | 18.3477 |
| 32.4351273 | 16.25 | 22.462 | 32.5389468 | 16.27 | 22.7105 | 32.6426505 | 16.3 | 18.3815 |
| 32.4352431 | 16.23 | 21.2411 | 32.5390625 | 16.29 | 22.942 | 32.6427662 | 16.3 | 18.4887 |
| 32.4353588 | 16.22 | 21.0381 | 32.5391782 | 16.27 | 22.5145 | 32.6428819 | 16.3 | 18.3589 |
| 32.4354745 | 16.22 | 21.4768 | 32.539294 | 16.27 | 22.4215 | 32.6429977 | 16.3 | 18.4042 |
| 32.4355903 | 16.22 | 20.945 | 32.5394097 | 16.27 | 22.4704 | 32.6431134 | 16.29 | 17.9703 |
| 32.435706 | 16.2 | 20.9977 | 32.5395255 | 16.27 | 22.5219 | 32.6432292 | 16.3 | 18.0015 |
| 32.4358218 | 16.25 | 21.5947 | 32.5396412 | 16.27 | 22.5047 | 32.6433449 | 16.3 | 17.5182 |
| 32.4359375 | 16.2 | 20.774 | 32.5397569 | 16.27 | 22.4459 | 32.6434607 | 16.29 | 17.6311 |
| 32.4360532 | 16.2 | 20.9977 | 32.5398727 | 16.27 | 22.3972 | 32.6435764 | 16.29 | 17.7939 |
| 32.436169 | 16.19 | 20.986 | 32.5399884 | 16.27 | 22.4337 | 32.6436921 | 16.29 | 18.1989 |
| 32.4362847 | 16.2 | 20.8612 | 32.5401042 | 16.27 | 22.3851 | 32.6438079 | 16.29 | 18.1989 |
| 32.4364005 | 16.2 | 20.7389 | 32.5402199 | 16.25 | 22.3309 | 32.6439236 | 16.29 | 18.4023 |
| 32.4365162 | 16.25 | 21.7968 | 32.5403357 | 16.27 | 22.2692 | 32.6440394 | 16.29 | 17.5596 |
| 32.4366319 | 16.25 | 22.2683 | 32.5404514 | 16.27 | 22.3052 | 32.6441551 | 16.27 | 17.4195 |
| 32.4367477 | 16.25 | 22.0146 | 32.5405671 | 16.27 | 22.4289 | 32.6442708 | 16.27 | 17.916 |
| 32.4368634 | 16.25 | 21.633 | 32.5406829 | 16.27 | 22.5539 | 32.6443866 | 16.29 | 17.9378 |
| 32.4369792 | 16.22 | 20.8946 | 32.5407986 | 16.27 | 22.3125 | 32.6445023 | 16.27 | 18.1275 |
| 32.4370949 | 16.19 | 20.7235 | 32.5409144 | 16.27 | 22.3657 | 32.6446181 | 16.29 | 18.0683 |
| 32.4372107 | 16.2 | 20.8195 | 32.5410301 | 16.29 | 22.9344 | 32.6447338 | 16.29 | 17.7696 |
| 32.4373264 | 16.22 | 20.8029 | 32.5411458 | 16.32 | 23.1601 | 32.6448495 | 16.3 | 18.3284 |
| 32.4374421 | 16.22 | 20.8092 | 32.5412616 | 16.3 | 23.0108 | 32.6449653 | 16.29 | 18.0605 |
| 32.4375579 | 16.22 | 21.019 | 32.5413773 | 16.32 | 23.181 | 32.645081 | 16.3 | 17.9442 |
| 32.4376736 | 16.19 | 20.8102 | 32.5414931 | 16.32 | 23.147 | 32.6451968 | 16.3 | 17.9984 |
| 32.4377894 | 16.19 | 20.6456 | 32.5416088 | 16.3 | 23.0857 | 32.6453125 | 16.3 | 17.5761 |
| 32.4379051 | 16.19 | 20.6416 | 32.5417245 | 16.32 | 23.1993 | 32.6454282 | 16.3 | 17.582 |
| 32.4380208 | 16.19 | 20.6865 | 32.5418403 | 16.32 | 23.0019 | 32.645544 | 16.3 | 17.7819 |
| 32.4381366 | 16.22 | 21.6042 | 32.541956 | 16.32 | 23.1001 | 32.6456597 | 16.3 | 17.9411 |
| 32.4382523 | 16.25 | 21.7876 | 32.5420718 | 16.32 | 23.1888 | 32.6457755 | 16.3 | 18.0123 |
| 32.4383681 | 16.25 | 21.9214 | 32.5421875 | 16.32 | 23.2941 | 32.6458912 | 16.3 | 17.6957 |
| 32.4384838 | 16.25 | 21.9214 | 32.5423032 | 16.32 | 23.2809 | 32.6460069 | 16.3 | 17.2859 |
| 32.4385995 | 16.25 | 21.9936 | 32.542419 | 16.32 | 23.1522 | 32.6461227 | 16.3 | 17.3409 |
| 32.4387153 | 16.25 | 21.6217 | 32.5425347 | 16.33 | 23.1674 | 32.6462384 | 16.29 | 17.3598 |
| 32.438831 | 16.22 | 21.019 | 32.5426505 | 16.35 | 23.5821 | 32.6463542 | 16.3 | 17.2527 |
| 32.4389468 | 16.23 | 21.3699 | 32.5427662 | 16.33 | 23.1282 | 32.6464699 | 16.3 | 17.4211 |
| 32.4390625 | 16.23 | 21.5182 | 32.5428819 | 16.33 | 22.7266 | 32.6465857 | 16.29 | 17.5182 |
| 32.4391782 | 16.25 | 21.6624 | 32.5429977 | 16.33 | 23.04 | 32.6467014 | 16.3 | 17.4534 |
| 32.439294 | 16.25 | 21.5588 | 32.5431134 | 16.33 | 23.1152 | 32.6468171 | 16.3 | 17.7682 |
| 32.4394097 | 16.23 | 21.2867 | 32.5432292 | 16.33 | 22.8783 | 32.6469329 | 16.3 | 17.1782 |
| 32.4395255 | 16.22 | 21.2768 | 32.5433449 | 16.33 | 23.2487 | 32.6470486 | 16.3 | 17.7576 |
| 32.4396412 | 16.22 | 21.0871 | 32.5434607 | 16.33 | 23.1465 | 32.6471644 | 16.32 | 17.483 |
| 32.4397569 | 16.23 | 21.2976 | 32.5435764 | 16.33 | 23.0555 | 32.6472801 | 16.3 | 18.0919 |
| 32.4398727 | 16.23 | 21.3479 | 32.5436921 | 16.35 | 22.7959 | 32.6473958 | 16.3 | 17.6582 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4399884 | 16.25 | 21.5992 | 32.5438079 | 16.33 | 22.6965 | 32.6475116 | 16.3 | 17.354 |
| 32.4401042 | 16.25 | 21.5768 | 32.5439236 | 16.33 | 22.6715 | 32.6476273 | 16.3 | 17.0503 |
| 32.4402199 | 16.22 | 20.7018 | 32.5440394 | 16.33 | 22.9858 | 32.6477431 | 16.3 | 16.9464 |
| 32.4403357 | 16.22 | 20.8758 | 32.5441551 | 16.33 | 22.8936 | 32.6478588 | 16.3 | 17.3177 |
| 32.4404514 | 16.22 | 21.1363 | 32.5442708 | 16.33 | 22.9678 | 32.6479745 | 16.3 | 17.7622 |
| 32.4405671 | 16.22 | 21.0509 | 32.5443866 | 16.33 | 23.0271 | 32.6480903 | 16.3 | 17.8765 |
| 32.4406829 | 16.2 | 20.8154 | 32.5445023 | 16.33 | 23.1674 | 32.648206 | 16.3 | 17.3119 |
| 32.4407986 | 16.2 | 20.9345 | 32.5446181 | 16.33 | 23.1412 | 32.6483218 | 16.3 | 17.8138 |
| 32.4409144 | 16.22 | 21.3379 | 32.5447338 | 16.33 | 22.449 | 32.6484375 | 16.29 | 17.5182 |
| 32.4410301 | 16.22 | 21.0551 | 32.5448495 | 16.33 | 22.9858 | 32.6485532 | 16.29 | 17.1368 |
| 32.4411458 | 16.22 | 21.132 | 32.5449653 | 16.32 | 22.5061 | 32.648669 | 16.29 | 17.032 |
| 32.4412616 | 16.2 | 21.0337 | 32.545081 | 16.33 | 22.7166 | 32.6487847 | 16.3 | 17.9303 |
| 32.4413773 | 16.2 | 21.0933 | 32.5451968 | 16.35 | 23.0829 | 32.6489005 | 16.3 | 17.6223 |
| 32.4414931 | 16.19 | 20.7791 | 32.5453125 | 16.33 | 22.7921 | 32.6490162 | 16.3 | 17.6912 |
| 32.4416088 | 16.22 | 21.2052 | 32.5454282 | 16.33 | 22.6167 | 32.6491319 | 16.3 | 18.0061 |
| 32.4417245 | 16.2 | 20.8341 | 32.545544 | 16.33 | 22.7291 | 32.6492477 | 16.3 | 17.8596 |
| 32.4418403 | 16.2 | 21.0614 | 32.5456597 | 16.33 | 22.6241 | 32.6493634 | 16.3 | 17.9627 |
| 32.441956 | 16.19 | 20.9082 | 32.5457755 | 16.33 | 22.5005 | 32.6494792 | 16.3 | 17.8734 |
| 32.4420718 | 16.2 | 21.0976 | 32.5458912 | 16.33 | 22.4686 | 32.6495949 | 16.3 | 17.8811 |
| 32.4421875 | 16.2 | 20.9956 | 32.5460069 | 16.33 | 22.4931 | 32.6497107 | 16.3 | 18.0061 |
| 32.4423032 | 16.2 | 20.9766 | 32.5461227 | 16.33 | 22.53 | 32.6498264 | 16.3 | 17.7229 |
| 32.442419 | 16.19 | 20.8977 | 32.5462384 | 16.33 | 22.5448 | 32.6499421 | 16.29 | 18.0605 |
| 32.4425347 | 16.16 | 20.1578 | 32.5463542 | 16.33 | 22.7593 | 32.6500579 | 16.29 | 18.2817 |
| 32.4426505 | 16.17 | 20.5908 | 32.5464699 | 16.33 | 22.684 | 32.6501736 | 16.29 | 17.7212 |
| 32.4427662 | 16.19 | 20.4258 | 32.5465857 | 16.33 | 22.9243 | 32.6502894 | 16.3 | 17.9875 |
| 32.4428819 | 16.19 | 20.9544 | 32.5467014 | 16.33 | 22.7392 | 32.6504051 | 16.29 | 17.8289 |
| 32.4429977 | 16.19 | 21.2038 | 32.5468171 | 16.32 | 23.1731 | 32.6505208 | 16.29 | 17.8886 |
| 32.4431134 | 16.17 | 20.6764 | 32.5469329 | 16.33 | 23.0477 | 32.6506366 | 16.29 | 17.7167 |
| 32.4432292 | 16.17 | 20.8435 | 32.5470486 | 16.33 | 23.1831 | 32.6507523 | 16.29 | 17.9317 |
| 32.4433449 | 16.16 | 19.6279 | 32.5471644 | 16.32 | 23.1001 | 32.6508681 | 16.3 | 19.1323 |
| 32.4434607 | 16.16 | 20.7802 | 32.5472801 | 16.33 | 23.0013 | 32.6509838 | 16.3 | 18.9317 |
| 32.4435764 | 16.16 | 20.6918 | 32.5473958 | 16.32 | 22.9993 | 32.6510995 | 16.29 | 18.2769 |
| 32.4436921 | 16.17 | 21.2166 | 32.5475116 | 16.32 | 22.9505 | 32.6512153 | 16.29 | 18.3378 |
| 32.4438079 | 16.19 | 21.2536 | 32.5476273 | 16.32 | 23.0716 | 32.651331 | 16.29 | 19.0138 |
| 32.4439236 | 16.19 | 21.5934 | 32.5477431 | 16.32 | 22.8662 | 32.6514468 | 16.26 | 18.1037 |
| 32.4440394 | 16.17 | 21.1842 | 32.5478588 | 16.33 | 22.5424 | 32.6515625 | 16.26 | 17.607 |
| 32.4441551 | 16.16 | 20.8758 | 32.5479745 | 16.33 | 22.2936 | 32.6516782 | 16.29 | 18.9313 |
| 32.4442708 | 16.14 | 20.4873 | 32.5480903 | 16.33 | 22.9422 | 32.651794 | 16.29 | 19.1844 |
| 32.4443866 | 16.16 | 21.0018 | 32.548206 | 16.33 | 22.8554 | 32.6519097 | 16.29 | 18.8343 |
| 32.4445023 | 16.17 | 21.1993 | 32.5483218 | 16.33 | 22.7015 | 32.6520255 | 16.29 | 19.1039 |
| 32.4446181 | 16.16 | 20.9765 | 32.5484375 | 16.32 | 22.6947 | 32.6521412 | 16.29 | 18.9364 |
| 32.4447338 | 16.17 | 21.0071 | 32.5485532 | 16.33 | 22.669 | 32.6522569 | 16.29 | 19.1669 |
| 32.4448495 | 16.17 | 20.9649 | 32.548669 | 16.32 | 22.5975 | 32.6523727 | 16.29 | 19.2815 |
| 32.4449653 | 16.17 | 21.2968 | 32.5487847 | 16.32 | 23.2151 | 32.6524884 | 16.29 | 19.2549 |
| 32.445081 | 16.17 | 21.2426 | 32.5489005 | 16.33 | 22.9371 | 32.6526042 | 16.27 | 19.0596 |
| 32.4451968 | 16.17 | 21.2642 | 32.5490162 | 16.32 | 22.8434 | 32.6527199 | 16.27 | 18.9974 |
| 32.4453125 | 16.17 | 21.2534 | 32.5491319 | 16.33 | 23.0064 | 32.6528357 | 16.26 | 18.4501 |
| 32.4454282 | 16.17 | 21.2925 | 32.5492477 | 16.33 | 22.5869 | 32.6529514 | 16.25 | 17.5164 |
| 32.445544 | 16.17 | 21.3252 | 32.5493634 | 16.33 | 22.664 | 32.6530671 | 16.26 | 17.9374 |
| 32.4456597 | 16.17 | 21.3449 | 32.5494792 | 16.33 | 22.6815 | 32.6531829 | 16.25 | 17.9743 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4457755 | 16.17 | 21.3777 | 32.5495949 | 16.33 | 22.7141 | 32.6532986 | 16.26 | 18.0849 |
| 32.4458912 | 16.17 | 21.3734 | 32.5497107 | 16.33 | 22.5968 | 32.6534144 | 16.25 | 17.9712 |
| 32.4460069 | 16.17 | 21.3186 | 32.5498264 | 16.32 | 22.884 | 32.6535301 | 16.26 | 18.2125 |
| 32.4461227 | 16.17 | 21.3252 | 32.5499421 | 16.33 | 22.8047 | 32.6536458 | 16.27 | 18.8048 |
| 32.4462384 | 16.17 | 21.3296 | 32.5500579 | 16.32 | 22.9325 | 32.6537616 | 16.27 | 19.2151 |
| 32.4463542 | 16.17 | 21.3624 | 32.5501736 | 16.32 | 22.8561 | 32.6538773 | 16.27 | 19.2186 |
| 32.4464699 | 16.19 | 21.3452 | 32.5502894 | 16.32 | 22.6497 | 32.6539931 | 16.27 | 18.7879 |
| 32.4465857 | 16.17 | 21.3558 | 32.5504051 | 16.33 | 22.709 | 32.6541088 | 16.25 | 17.5876 |
| 32.4467014 | 16.19 | 21.3408 | 32.5505208 | 16.32 | 22.6947 | 32.6542245 | 16.25 | 17.7692 |
| 32.4468171 | 16.17 | 21.4129 | 32.5506366 | 16.33 | 23.0322 | 32.6543403 | 16.25 | 18.2839 |
| 32.4469329 | 16.19 | 21.4353 | 32.5507523 | 16.33 | 22.9473 | 32.654456 | 16.25 | 18.2919 |
| 32.4470486 | 16.19 | 21.4331 | 32.5508681 | 16.33 | 22.5005 | 32.6545718 | 16.25 | 17.3466 |
| 32.4471644 | 16.19 | 21.4331 | 32.5509838 | 16.32 | 22.3064 | 32.6546875 | 16.25 | 17.0434 |
| 32.4472801 | 16.17 | 21.3734 | 32.5510995 | 16.33 | 22.9013 | 32.6548032 | 16.25 | 16.8423 |
| 32.4473958 | 16.17 | 21.3997 | 32.5512153 | 16.32 | 23.2203 | 32.654919 | 16.25 | 17.0744 |
| 32.4475116 | 16.17 | 21.3887 | 32.551331 | 16.32 | 23.0768 | 32.6550347 | 16.25 | 18.0099 |
| 32.4476273 | 16.17 | 21.3712 | 32.5514468 | 16.32 | 22.516 | 32.6551505 | 16.25 | 18.4093 |
| 32.4477431 | 16.17 | 21.3558 | 32.5515625 | 16.32 | 22.0254 | 32.6552662 | 16.25 | 17.8544 |
| 32.4478588 | 16.17 | 21.3405 | 32.5516782 | 16.32 | 22.6124 | 32.6553819 | 16.25 | 16.9201 |
| 32.4479745 | 16.17 | 21.3558 | 32.551794 | 16.32 | 22.2103 | 32.6554977 | 16.25 | 16.859 |
| 32.4480903 | 16.17 | 21.3449 | 32.5519097 | 16.3 | 21.5993 | 32.6556134 | 16.25 | 17.1098 |
| 32.448206 | 16.17 | 21.3909 | 32.5520255 | 16.32 | 22.3693 | 32.6557292 | 16.25 | 17.1582 |
| 32.4483218 | 16.17 | 21.3077 | 32.5521412 | 16.32 | 22.0113 | 32.6558449 | 16.25 | 17.0843 |
| 32.4484375 | 16.17 | 21.3186 | 32.5522569 | 16.32 | 21.6246 | 32.6559607 | 16.25 | 17.0405 |
| 32.4485532 | 16.16 | 21.4117 | 32.5523727 | 16.3 | 21.6331 | 32.6560764 | 16.25 | 16.9354 |
| 32.448669 | 16.17 | 21.5572 | 32.5524884 | 16.3 | 21.6807 | 32.6561921 | 16.25 | 16.9228 |
| 32.4487847 | 16.17 | 21.3449 | 32.5526042 | 16.32 | 21.0473 | 32.6563079 | 16.25 | 16.9885 |
| 32.4489005 | 16.17 | 21.3558 | 32.5527199 | 16.32 | 20.8238 | 32.6564236 | 16.25 | 16.9047 |
| 32.4490162 | 16.16 | 20.9954 | 32.5528357 | 16.32 | 22.1103 | 32.6565394 | 16.23 | 16.7832 |
| 32.4491319 | 16.17 | 21.2751 | 32.5529514 | 16.32 | 23.3073 | 32.6566551 | 16.22 | 16.5791 |
| 32.4492477 | 16.17 | 21.2903 | 32.5530671 | 16.32 | 21.6676 | 32.6567708 | 16.22 | 16.5642 |
| 32.4493634 | 16.17 | 21.2686 | 32.5531829 | 16.32 | 21.5548 | 32.6568866 | 16.22 | 16.532 |
| 32.4494792 | 16.17 | 21.2317 | 32.5532986 | 16.32 | 22.0066 | 32.6570023 | 16.22 | 16.461 |
| 32.4495949 | 16.17 | 21.2642 | 32.5534144 | 16.32 | 22.4987 | 32.6571181 | 16.22 | 16.3998 |
| 32.4497107 | 16.17 | 21.2903 | 32.5535301 | 16.32 | 21.8646 | 32.6572338 | 16.22 | 16.3945 |
| 32.4498264 | 16.16 | 21.3349 | 32.5536458 | 16.32 | 20.4094 | 32.6573495 | 16.22 | 16.3813 |
| 32.4499421 | 16.17 | 21.3012 | 32.5537616 | 16.32 | 21.4521 | 32.6574653 | 16.19 | 16.3856 |
| 32.4500579 | 16.17 | 21.3558 | 32.5538773 | 16.32 | 22.3863 | 32.657581 | 16.22 | 16.7915 |
| 32.4501736 | 16.17 | 21.4571 | 32.5539931 | 16.32 | 21.4721 | 32.6576968 | 16.22 | 16.4052 |
| 32.4502894 | 16.17 | 21.2794 | 32.5541088 | 16.32 | 22.9377 | 32.6578125 | 16.22 | 16.3879 |
| 32.4504051 | 16.17 | 21.4372 | 32.5542245 | 16.32 | 22.5801 | 32.6579282 | 16.2 | 16.3405 |
| 32.4505208 | 16.17 | 21.3296 | 32.5543403 | 16.32 | 22.0137 | 32.658044 | 16.2 | 16.367 |
| 32.4506366 | 16.16 | 20.6509 | 32.554456 | 16.32 | 22.7978 | 32.6581597 | 16.2 | 16.4546 |
| 32.4507523 | 16.17 | 21.2686 | 32.5545718 | 16.33 | 21.9171 | 32.6582755 | 16.22 | 16.6331 |
| 32.4508681 | 16.17 | 21.1735 | 32.5546875 | 16.32 | 21.4277 | 32.6583912 | 16.19 | 16.4534 |
| 32.4509838 | 16.17 | 21.208 | 32.5548032 | 16.33 | 22.1856 | 32.6585069 | 16.19 | 16.5982 |
| 32.4510995 | 16.17 | 21.4218 | 32.554919 | 16.32 | 21.7382 | 32.6586227 | 16.2 | 16.6564 |
| 32.4512153 | 16.17 | 21.3449 | 32.5550347 | 16.33 | 23.1647 | 32.6587384 | 16.2 | 16.7587 |
| 32.451331 | 16.17 | 21.3997 | 32.5551505 | 16.33 | 23.084 | 32.6588542 | 16.22 | 16.9021 |
| 32.4514468 | 16.17 | 21.4903 | 32.5552662 | 16.32 | 21.1826 | 32.6589699 | 16.19 | 17.0491 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4515625 | 16.16 | 20.7411 | 32.5553819 | 16.33 | 21.9264 | 32.6590857 | 16.22 | 17.0773 |
| 32.4516782 | 16.17 | 20.9333 | 32.5554977 | 16.32 | 22.8662 | 32.6592014 | 16.2 | 16.7204 |
| 32.451794 | 16.16 | 20.8072 | 32.5556134 | 16.32 | 20.828 | 32.6593171 | 16.2 | 16.8786 |
| 32.4519097 | 16.16 | 20.9386 | 32.5557292 | 16.33 | 20.9677 | 32.6594329 | 16.2 | 17.0421 |
| 32.4520255 | 16.17 | 21.4748 | 32.5558449 | 16.32 | 21.4167 | 32.6595486 | 16.22 | 16.797 |
| 32.4521412 | 16.14 | 19.9322 | 32.5559607 | 16.33 | 22.5498 | 32.6596644 | 16.19 | 16.6307 |
| 32.4522569 | 16.13 | 19.7776 | 32.5560764 | 16.32 | 21.5369 | 32.6597801 | 16.19 | 16.5888 |
| 32.4523727 | 16.13 | 19.4177 | 32.5561921 | 16.32 | 22.108 | 32.6598958 | 16.19 | 16.767 |
| 32.4524884 | 16.14 | 20.2869 | 32.5563079 | 16.32 | 21.9319 | 32.6600116 | 16.19 | 16.8151 |
| 32.4526042 | 16.13 | 19.6518 | 32.5564236 | 16.32 | 21.853 | 32.6601273 | 16.19 | 16.7944 |
| 32.4527199 | 16.14 | 20.6266 | 32.5565394 | 16.32 | 22.263 | 32.6602431 | 16.19 | 16.905 |
| 32.4528357 | 16.16 | 21.076 | 32.5566551 | 16.33 | 23.0271 | 32.6603588 | 16.19 | 16.8054 |
| 32.4529514 | 16.17 | 20.9103 | 32.5567708 | 16.32 | 22.435 | 32.6604745 | 16.19 | 16.7972 |
| 32.4530671 | 16.17 | 21.4637 | 32.5568866 | 16.32 | 21.7473 | 32.6605903 | 16.17 | 16.6119 |
| 32.4531829 | 16.17 | 21.1327 | 32.5570023 | 16.32 | 21.8 | 32.660706 | 16.17 | 16.8056 |
| 32.4532986 | 16.16 | 20.8591 | 32.5571181 | 16.33 | 21.79 | 32.6608218 | 16.19 | 16.8773 |
| 32.4534144 | 16.14 | 20.7124 | 32.5572338 | 16.33 | 22.7141 | 32.6609375 | 16.19 | 16.8856 |
| 32.4535301 | 16.16 | 20.457 | 32.5573495 | 16.33 | 22.0529 | 32.6610532 | 16.19 | 16.6578 |
| 32.4536458 | 16.16 | 20.9533 | 32.5574653 | 16.33 | 22.7769 | 32.661169 | 16.22 | 18.7241 |
| 32.4537616 | 16.14 | 20.1272 | 32.557581 | 16.33 | 22.6441 | 32.6612847 | 16.19 | 17.3363 |
| 32.4538773 | 16.13 | 19.6647 | 32.5576968 | 16.32 | 21.6563 | 32.6614005 | 16.17 | 16.7836 |
| 32.4539931 | 16.11 | 19.6653 | 32.5578125 | 16.32 | 21.784 | 32.6615162 | 16.16 | 16.6703 |
| 32.4541088 | 16.13 | 20.4364 | 32.5579282 | 16.3 | 21.6399 | 32.6616319 | 16.19 | 17.0435 |
| 32.4542245 | 16.17 | 21.3777 | 32.558044 | 16.32 | 22.3112 | 32.6617477 | 16.2 | 18.0682 |
| 32.4543403 | 16.16 | 21.1702 | 32.5581597 | 16.32 | 22.2103 | 32.6618634 | 16.2 | 17.7747 |
| 32.454456 | 16.16 | 21.2046 | 32.5582755 | 16.32 | 22.1032 | 32.6619792 | 16.17 | 17.0548 |
| 32.4545718 | 16.14 | 20.4553 | 32.5583912 | 16.32 | 20.7573 | 32.6620949 | 16.17 | 17.0548 |
| 32.4546875 | 16.14 | 20.1137 | 32.5585069 | 16.32 | 21.8046 | 32.6622107 | 16.19 | 17.2454 |
| 32.4548032 | 16.14 | 20.586 | 32.5586227 | 16.33 | 19.2287 | 32.6623264 | 16.19 | 17.4852 |
| 32.454919 | 16.16 | 20.9638 | 32.5587384 | 16.36 | 17.3922 | 32.6624421 | 16.19 | 17.2253 |
| 32.4550347 | 16.16 | 21.1102 | 32.5588542 | 16.35 | 17.9218 | 32.6625579 | 16.17 | 17.3783 |
| 32.4551505 | 16.16 | 20.5596 | 32.5589699 | 16.36 | 17.4494 | 32.6626736 | 16.19 | 17.814 |
| 32.4552662 | 16.16 | 20.9428 | 32.5590857 | 16.36 | 17.3893 | 32.6627894 | 16.2 | 18.1198 |
| 32.4553819 | 16.19 | 21.4707 | 32.5592014 | 16.36 | 17.7903 | 32.6629051 | 16.19 | 17.9194 |
| 32.4554977 | 16.17 | 20.8248 | 32.5593171 | 16.36 | 17.4936 | 32.6630208 | 16.17 | 17.1896 |
| 32.4556134 | 16.17 | 21.3077 | 32.5594329 | 16.36 | 17.3864 | 32.6631366 | 16.16 | 16.9651 |
| 32.4557292 | 16.16 | 21.2956 | 32.5595486 | 16.35 | 20.2534 | 32.6632523 | 16.17 | 17.0576 |
| 32.4558449 | 16.16 | 21.108 | 32.5596644 | 16.36 | 23.0305 | 32.6633681 | 16.17 | 17.2655 |
| 32.4559607 | 16.16 | 20.9071 | 32.5597801 | 16.36 | 21.9543 | 32.6634838 | 16.22 | 18.8553 |
| 32.4560764 | 16.13 | 20.0534 | 32.5598958 | 16.36 | 22.347 | 32.6635995 | 16.17 | 17.4031 |
| 32.4561921 | 16.13 | 20.0438 | 32.5600116 | 16.36 | 20.7864 | 32.6637153 | 16.16 | 16.8194 |
| 32.4563079 | 16.14 | 21.2001 | 32.5601273 | 16.35 | 21.7288 | 32.663831 | 16.17 | 17.1213 |
| 32.4564236 | 16.16 | 22.0712 | 32.5602431 | 16.36 | 21.4998 | 32.6639468 | 16.17 | 17.7562 |
| 32.4565394 | 16.16 | 22.1348 | 32.5603588 | 16.36 | 21.8359 | 32.6640625 | 16.19 | 17.6333 |
| 32.4566551 | 16.11 | 19.0925 | 32.5604745 | 16.35 | 21.9411 | 32.6641782 | 16.14 | 17.1086 |
| 32.4567708 | 16.13 | 20.4444 | 32.5605903 | 16.35 | 21.8252 | 32.664294 | 16.2 | 17.7807 |
| 32.4568866 | 16.16 | 21.8988 | 32.560706 | 16.35 | 21.8598 | 32.6644097 | 16.23 | 18.5407 |
| 32.4570023 | 16.16 | 21.9382 | | | | | | |

DrEx 114

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 32.3808449 | 15.61 | 2.8091 | 32.4855903 | 16.15 | 21.9766 | 32.5903357 | 16.26 | 16.5662 |
| 32.3809607 | 15.69 | 4.6015 | 32.485706 | 16.15 | 22.0602 | 32.5904514 | 16.26 | 14.663 |
| 32.3810764 | 15.71 | 3.9696 | 32.4858218 | 16.13 | 22.0713 | 32.5905671 | 16.26 | 14.009 |
| 32.3811921 | 15.74 | 6.8072 | 32.4859375 | 16.13 | 22.1808 | 32.5906829 | 16.25 | 16.5428 |
| 32.3813079 | 15.86 | 12.1605 | 32.4860532 | 16.15 | 22.2015 | 32.5907986 | 16.25 | 14.7477 |
| 32.3814236 | 15.81 | 10.4791 | 32.486169 | 16.15 | 22.2312 | 32.5909144 | 16.26 | 13.5973 |
| 32.3815394 | 15.95 | 19.9999 | 32.4862847 | 16.15 | 22.2461 | 32.5910301 | 16.26 | 14.4629 |
| 32.3816551 | 15.94 | 13.6079 | 32.4864005 | 16.15 | 22.3893 | 32.5911458 | 16.26 | 13.4672 |
| 32.3817708 | 15.81 | 8.3511 | 32.4865162 | 16.16 | 22.5632 | 32.5912616 | 16.26 | 16.7605 |
| 32.3818866 | 15.77 | 7.1886 | 32.4866319 | 16.16 | 22.4074 | 32.5913773 | 16.26 | 11.9497 |
| 32.3820023 | 15.74 | 5.2178 | 32.4867477 | 16.15 | 22.1191 | 32.5914931 | 16.26 | 15.6337 |
| 32.3821181 | 15.73 | 4.9617 | 32.4868634 | 16.12 | 21.4999 | 32.5916088 | 16.26 | 17.709 |
| 32.3822338 | 15.73 | 3.9759 | 32.4869792 | 16.13 | 21.8301 | 32.5917245 | 16.28 | 13.8755 |
| 32.3823495 | 15.73 | 5.0691 | 32.4870949 | 16.13 | 21.7766 | 32.5918403 | 16.26 | 15.953 |
| 32.3824653 | 15.73 | 3.8345 | 32.4872107 | 16.15 | 21.987 | 32.591956 | 16.28 | 15.7281 |
| 32.382581 | 15.73 | 3.9102 | 32.4873264 | 16.13 | 22.0064 | 32.5920718 | 16.28 | 15.6698 |
| 32.3826968 | 15.72 | 4.0675 | 32.4874421 | 16.15 | 22.01 | 32.5921875 | 16.28 | 16.44 |
| 32.3828125 | 15.72 | 4.1865 | 32.4875579 | 16.08 | 19.3063 | 32.5923032 | 16.29 | 17.8603 |
| 32.3829282 | 15.72 | 4.1239 | 32.4876736 | 16.07 | 18.3588 | 32.592419 | 16.28 | 18.5335 |
| 32.383044 | 15.72 | 4.303 | 32.4877894 | 16.06 | 18.1014 | 32.5925347 | 16.28 | 17.9425 |
| 32.3831597 | 15.73 | 4.4152 | 32.4879051 | 15.99 | 13.4117 | 32.5926505 | 16.29 | 18.4349 |
| 32.3832755 | 15.73 | 4.5031 | 32.4880208 | 16 | 14.7063 | 32.5927662 | 16.28 | 16.1001 |
| 32.3833912 | 15.72 | 4.137 | 32.4881366 | 16.08 | 19.5752 | 32.5928819 | 16.26 | 13.7682 |
| 32.3835069 | 15.72 | 4.2459 | 32.4882523 | 16.08 | 19.4118 | 32.5929977 | 16.28 | 16.3001 |
| 32.3836227 | 15.73 | 4.1955 | 32.4883681 | 15.99 | 8.5002 | 32.5931134 | 16.29 | 15.4811 |
| 32.3837384 | 15.78 | 8.5416 | 32.4884838 | 16.03 | 15.6591 | 32.5932292 | 16.29 | 15.3402 |
| 32.3838542 | 15.9 | 15.0767 | 32.4885995 | 16.13 | 21.5146 | 32.5933449 | 16.28 | 15.0626 |
| 32.3839699 | 15.78 | 5.8685 | 32.4887153 | 16.15 | 22.558 | 32.5934607 | 16.29 | 15.4073 |
| 32.3840857 | 15.86 | 11.2712 | 32.488831 | 16.15 | 22.6475 | 32.5935764 | 16.29 | 17.0203 |
| 32.3842014 | 15.91 | 15.6571 | 32.4889468 | 16.16 | 22.8672 | 32.5936921 | 16.25 | 13.6763 |
| 32.3843171 | 16.11 | 23.4094 | 32.4890625 | 16.17 | 23.1382 | 32.5938079 | 16.28 | 16.3719 |
| 32.3844329 | 16.15 | 23.754 | 32.4891782 | 16.16 | 22.6112 | 32.5939236 | 16.26 | 13.9952 |
| 32.3845486 | 16.13 | 23.3008 | 32.489294 | 16.17 | 22.7528 | 32.5940394 | 16.26 | 14.58 |
| 32.3846644 | 16.16 | 23.618 | 32.4894097 | 16.19 | 23.4996 | 32.5941551 | 16.25 | 12.8075 |
| 32.3847801 | 16.04 | 21.1621 | 32.4895255 | 16.19 | 23.2934 | 32.5942708 | 16.24 | 11.6028 |
| 32.3848958 | 15.94 | 15.3645 | 32.4896412 | 16.19 | 23.2704 | 32.5943866 | 16.26 | 13.4215 |
| 32.3850116 | 16.07 | 20.9985 | 32.4897569 | 16.19 | 23.2658 | 32.5945023 | 16.28 | 17.1075 |
| 32.3851273 | 15.87 | 10.4233 | 32.4898727 | 16.15 | 21.9662 | 32.5946181 | 16.28 | 16.3271 |
| 32.3852431 | 15.89 | 13.4163 | 32.4899884 | 16.19 | 22.7326 | 32.5947338 | 16.28 | 16.688 |
| 32.3853588 | 15.82 | 6.7336 | 32.4901042 | 16.15 | 22.1697 | 32.5948495 | 16.28 | 15.4862 |
| 32.3854745 | 15.87 | 12.3728 | 32.4902199 | 16.19 | 23.1425 | 32.5949653 | 16.28 | 18.087 |
| 32.3855903 | 15.94 | 16.0771 | 32.4903357 | 16.1 | 20.0555 | 32.595081 | 16.28 | 18.8772 |
| 32.385706 | 15.8 | 6.9137 | 32.4904514 | 16.11 | 20.0702 | 32.5951968 | 16.29 | 18.6931 |
| 32.3858218 | 15.86 | 10.7051 | 32.4905671 | 16.07 | 18.3164 | 32.5953125 | 16.28 | 17.1766 |
| 32.3859375 | 15.93 | 15.9397 | 32.4906829 | 16.08 | 19.5579 | 32.5954282 | 16.28 | 17.5066 |
| 32.3860532 | 15.78 | 5.5214 | 32.4907986 | 16.03 | 15.1357 | 32.595544 | 16.28 | 18.2346 |
| 32.386169 | 15.8 | 7.1605 | 32.4909144 | 16.08 | 19.3233 | 32.5956597 | 16.28 | 17.8861 |
| 32.3862847 | 15.87 | 11.8196 | 32.4910301 | 16.16 | 22.8249 | 32.5957755 | 16.28 | 16.7703 |
| 32.3864005 | 15.8 | 6.48 | 32.4911458 | 16.11 | 20.1496 | 32.5958912 | 16.29 | 16.1897 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3865162 | 15.85 | 10.633 | 32.4912616 | 16.07 | 19.066 | 32.5960069 | 16.29 | 16.342 |
| 32.3866319 | 15.84 | 9.7969 | 32.4913773 | 16.11 | 20.2441 | 32.5961227 | 16.29 | 15.018 |
| 32.3867477 | 15.81 | 8.1004 | 32.4914931 | 16.17 | 22.9262 | 32.5962384 | 16.29 | 15.0217 |
| 32.3868634 | 15.94 | 16.4732 | 32.4916088 | 16.16 | 22.6091 | 32.5963542 | 16.29 | 15.3794 |
| 32.3869792 | 15.93 | 16.4391 | 32.4917245 | 16.1 | 18.6766 | 32.5964699 | 16.28 | 15.1147 |
| 32.3870949 | 15.85 | 9.9963 | 32.4918403 | 16.08 | 18.7183 | 32.5965857 | 16.29 | 15.5015 |
| 32.3872107 | 15.91 | 15.2212 | 32.491956 | 16.08 | 19.1179 | 32.5967014 | 16.28 | 15.0886 |
| 32.3873264 | 15.98 | 18.6553 | 32.4920718 | 16.07 | 17.8491 | 32.5968171 | 16.29 | 15.2785 |
| 32.3874421 | 16.02 | 19.723 | 32.4921875 | 16.07 | 18.3022 | 32.5969329 | 16.28 | 16.8377 |
| 32.3875579 | 16.03 | 19.7058 | 32.4923032 | 16.13 | 20.6715 | 32.5970486 | 16.29 | 14.3289 |
| 32.3876736 | 15.95 | 16.0373 | 32.492419 | 16.07 | 17.9954 | 32.5971644 | 16.29 | 15.1209 |
| 32.3877894 | 16.02 | 19.5182 | 32.4925347 | 16.06 | 17.2509 | 32.5972801 | 16.29 | 14.8705 |
| 32.3879051 | 16.04 | 20.2249 | 32.4926505 | 16.06 | 15.8447 | 32.5973958 | 16.29 | 15.7034 |
| 32.3880208 | 16 | 18.8192 | 32.4927662 | 16.13 | 21.5246 | 32.5975116 | 16.29 | 15.3263 |
| 32.3881366 | 16 | 18.9982 | 32.4928819 | 16.15 | 22.3271 | 32.5976273 | 16.29 | 15.8872 |
| 32.3882523 | 15.99 | 18.4605 | 32.4929977 | 16.12 | 20.4005 | 32.5977431 | 16.29 | 16.7159 |
| 32.3883681 | 15.97 | 17.402 | 32.4931134 | 16.13 | 21.4824 | 32.5978588 | 16.29 | 16.755 |
| 32.3884838 | 15.97 | 16.7283 | 32.4932292 | 16.19 | 23.2063 | 32.5979745 | 16.29 | 17.1492 |
| 32.3885995 | 15.97 | 17.4547 | 32.4933449 | 16.16 | 22.677 | 32.5980903 | 16.29 | 16.755 |
| 32.3887153 | 15.94 | 15.5106 | 32.4934607 | 16.1 | 20.0053 | 32.598206 | 16.29 | 15.9253 |
| 32.388831 | 15.93 | 13.8592 | 32.4935764 | 16.12 | 20.8036 | 32.5983218 | 16.29 | 16.0908 |
| 32.3889468 | 15.9 | 13.1728 | 32.4936921 | 16.15 | 21.4336 | 32.5984375 | 16.29 | 15.7826 |
| 32.3890625 | 15.89 | 13.4107 | 32.4938079 | 16.06 | 15.7431 | 32.5985532 | 16.29 | 16.0761 |
| 32.3891782 | 15.87 | 12.399 | 32.4939236 | 16.17 | 22.7993 | 32.598669 | 16.29 | 15.2747 |
| 32.389294 | 15.93 | 14.9617 | 32.4940394 | 16.16 | 22.1241 | 32.5987847 | 16.29 | 15.2207 |
| 32.3894097 | 15.87 | 12.0174 | 32.4941551 | 16.13 | 21.5468 | 32.5989005 | 16.29 | 14.483 |
| 32.3895255 | 15.94 | 16.2133 | 32.4942708 | 16.11 | 19.5191 | 32.5990162 | 16.29 | 15.1172 |
| 32.3896412 | 15.87 | 11.5972 | 32.4943866 | 16.08 | 17.7933 | 32.5991319 | 16.29 | 15.7423 |
| 32.3897569 | 15.91 | 15.0717 | 32.4945023 | 16.1 | 19.7185 | 32.5992477 | 16.29 | 14.906 |
| 32.3898727 | 15.87 | 12.0379 | 32.4946181 | 16.08 | 18.4586 | 32.5993634 | 16.29 | 14.1518 |
| 32.3899884 | 15.99 | 18.6008 | 32.4947338 | 16.13 | 20.542 | 32.5994792 | 16.29 | 13.9409 |
| 32.3901042 | 15.98 | 18.6424 | 32.4948495 | 16.1 | 18.47 | 32.5995949 | 16.29 | 14.439 |
| 32.3902199 | 15.87 | 11.4013 | 32.4949653 | 16.08 | 18.0338 | 32.5997107 | 16.3 | 14.4366 |
| 32.3903357 | 15.93 | 15.0481 | 32.495081 | 16.07 | 16.5278 | 32.5998264 | 16.3 | 13.6706 |
| 32.3904514 | 15.9 | 12.8185 | 32.4951968 | 16.07 | 16.8023 | 32.5999421 | 16.29 | 13.7284 |
| 32.3905671 | 15.95 | 15.1187 | 32.4953125 | 16.08 | 19.0712 | 32.6000579 | 16.29 | 12.5808 |
| 32.3906829 | 15.84 | 8.2683 | 32.4954282 | 16.07 | 17.712 | 32.6001736 | 16.29 | 12.6178 |
| 32.3907986 | 15.84 | 9.5526 | 32.495544 | 16.04 | 13.7949 | 32.6002894 | 16.3 | 14.5427 |
| 32.3909144 | 15.91 | 16.0825 | 32.4956597 | 16.03 | 13.5954 | 32.6004051 | 16.28 | 11.2334 |
| 32.3910301 | 15.84 | 9.2733 | 32.4957755 | 16.06 | 16.7841 | 32.6005208 | 16.25 | 10.0931 |
| 32.3911458 | 15.95 | 15.9159 | 32.4958912 | 16.04 | 14.4804 | 32.6006366 | 16.28 | 11.6862 |
| 32.3912616 | 15.98 | 18.8205 | 32.4960069 | 16.07 | 17.3075 | 32.6007523 | 16.28 | 10.9942 |
| 32.3913773 | 15.98 | 18.1439 | 32.4961227 | 16.08 | 18.519 | 32.6008681 | 16.26 | 10.8579 |
| 32.3914931 | 15.95 | 15.5489 | 32.4962384 | 16.08 | 18.3668 | 32.6009838 | 16.28 | 11.5574 |
| 32.3916088 | 15.93 | 14.555 | 32.4963542 | 16.06 | 15.6216 | 32.6010995 | 16.25 | 10.2733 |
| 32.3917245 | 15.94 | 16.161 | 32.4964699 | 16.04 | 14.7122 | 32.6012153 | 16.28 | 14.9749 |
| 32.3918403 | 15.93 | 15.0567 | 32.4965857 | 16.06 | 16.3654 | 32.601331 | 16.24 | 11.4677 |
| 32.391956 | 15.9 | 13.5979 | 32.4967014 | 16.06 | 16.936 | 32.6014468 | 16.26 | 16.1816 |
| 32.3920718 | 15.95 | 16.953 | 32.4968171 | 16.04 | 15.2393 | 32.6015625 | 16.28 | 15.3655 |
| 32.3921875 | 16.13 | 23.4208 | 32.4969329 | 16.06 | 16.1113 | 32.6016782 | 16.28 | 13.5366 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3923032 | 16.03 | 18.9542 | 32.4970486 | 16.06 | 16.8739 | 32.601794 | 16.29 | 13.8721 |
| 32.392419 | 15.99 | 17.74 | 32.4971644 | 16.07 | 17.4097 | 32.6019097 | 16.32 | 14.3182 |
| 32.3925347 | 15.95 | 16.7479 | 32.4972801 | 16.07 | 17.9114 | 32.6020255 | 16.29 | 15.0663 |
| 32.3926505 | 15.97 | 17.0268 | 32.4973958 | 16.06 | 16.9629 | 32.6021412 | 16.24 | 15.6492 |
| 32.3927662 | 15.97 | 17.1182 | 32.4975116 | 16.06 | 17.0654 | 32.6022569 | 16.26 | 15.2384 |
| 32.3928819 | 16.02 | 19.5148 | 32.4976273 | 16.08 | 18.5766 | 32.6023727 | 16.26 | 12.968 |
| 32.3929977 | 16.02 | 19.1466 | 32.4977431 | 16.11 | 20.4611 | 32.6024884 | 16.26 | 14.0461 |
| 32.3931134 | 16 | 18.7785 | 32.4978588 | 16.08 | 18.6569 | 32.6026042 | 16.26 | 13.1094 |
| 32.3932292 | 15.97 | 16.8107 | 32.4979745 | 16.07 | 18.5444 | 32.6027199 | 16.26 | 13.2564 |
| 32.3933449 | 15.91 | 13.9558 | 32.4980903 | 16.1 | 19.3221 | 32.6028357 | 16.28 | 13.5613 |
| 32.3934607 | 15.95 | 14.6909 | 32.498206 | 16.11 | 19.9076 | 32.6029514 | 16.26 | 13.3571 |
| 32.3935764 | 15.97 | 15.6477 | 32.4983218 | 16.11 | 20.3798 | 32.6030671 | 16.28 | 13.3371 |
| 32.3936921 | 15.99 | 18.5608 | 32.4984375 | 16.1 | 20.0843 | 32.6031829 | 16.28 | 13.5232 |
| 32.3938079 | 15.94 | 14.8135 | 32.4985532 | 16.1 | 19.4141 | 32.6032986 | 16.28 | 13.2058 |
| 32.3939236 | 15.86 | 11.1208 | 32.498669 | 16.1 | 19.3052 | 32.6034144 | 16.28 | 13.783 |
| 32.3940394 | 15.85 | 9.1196 | 32.4987847 | 16.1 | 19.3561 | 32.6035301 | 16.28 | 14.1168 |
| 32.3941551 | 15.93 | 15.0345 | 32.4989005 | 16.1 | 19.0384 | 32.6036458 | 16.28 | 14.3207 |
| 32.3942708 | 15.94 | 15.4978 | 32.4990162 | 16.1 | 19.0235 | 32.6037616 | 16.29 | 14.1157 |
| 32.3943866 | 15.97 | 16.8528 | 32.4991319 | 16.1 | 19.3357 | 32.6038773 | 16.29 | 15.0081 |
| 32.3945023 | 15.95 | 15.7254 | 32.4992477 | 16.11 | 19.5674 | 32.6039931 | 16.3 | 14.9121 |
| 32.3946181 | 15.94 | 15.6659 | 32.4993634 | 16.11 | 19.6229 | 32.6041088 | 16.29 | 14.4604 |
| 32.3947338 | 15.94 | 14.7976 | 32.4994792 | 16.11 | 19.5536 | 32.6042245 | 16.32 | 14.8021 |
| 32.3948495 | 15.94 | 14.9764 | 32.4995949 | 16.1 | 19.909 | 32.6043403 | 16.26 | 12.0447 |
| 32.3949653 | 15.97 | 17.5358 | 32.4997107 | 16.11 | 19.775 | 32.604456 | 16.26 | 13.4773 |
| 32.395081 | 15.97 | 17.3421 | 32.4998264 | 16.11 | 19.616 | 32.6045718 | 16.29 | 14.2653 |
| 32.3951968 | 16 | 18.691 | 32.4999421 | 16.11 | 19.6386 | 32.6046875 | 16.28 | 13.848 |
| 32.3953125 | 15.91 | 12.8627 | 32.5000579 | 16.1 | 19.5533 | 32.6048032 | 16.26 | 12.8332 |
| 32.3954282 | 15.99 | 18.5352 | 32.5001736 | 16.11 | 19.5208 | 32.604919 | 16.25 | 11.7543 |
| 32.395544 | 15.91 | 13.4218 | 32.5002894 | 16.12 | 19.899 | 32.6050347 | 16.26 | 11.7372 |
| 32.3956597 | 16 | 18.8388 | 32.5004051 | 16.11 | 20.0092 | 32.6051505 | 16.26 | 11.4413 |
| 32.3957755 | 16 | 19.0015 | 32.5005208 | 16.12 | 20.5602 | 32.6052662 | 16.28 | 12.8569 |
| 32.3958912 | 15.97 | 15.1572 | 32.5006366 | 16.12 | 20.8475 | 32.6053819 | 16.26 | 12.4668 |
| 32.3960069 | 15.98 | 17.1641 | 32.5007523 | 16.13 | 21.0483 | 32.6054977 | 16.28 | 13.8595 |
| 32.3961227 | 15.9 | 11.8219 | 32.5008681 | 16.13 | 20.8959 | 32.6056134 | 16.26 | 13.9548 |
| 32.3962384 | 15.93 | 13.2157 | 32.5009838 | 16.12 | 21.2452 | 32.6057292 | 16.26 | 13.9698 |
| 32.3963542 | 15.93 | 14.3125 | 32.5010995 | 16.13 | 21.5528 | 32.6058449 | 16.25 | 12.1897 |
| 32.3964699 | 15.95 | 16.0571 | 32.5012153 | 16.13 | 21.3229 | 32.6059607 | 16.26 | 15.1534 |
| 32.3965857 | 15.95 | 16.2482 | 32.501331 | 16.11 | 20.2916 | 32.6060764 | 16.26 | 13.2553 |
| 32.3967014 | 15.91 | 13.3628 | 32.5014468 | 16.11 | 20.0182 | 32.6061921 | 16.28 | 12.9638 |
| 32.3968171 | 15.95 | 16.4323 | 32.5015625 | 16.11 | 19.8261 | 32.6063079 | 16.26 | 14.9245 |
| 32.3969329 | 15.94 | 13.3461 | 32.5016782 | 16.12 | 20.3673 | 32.6064236 | 16.26 | 13.2807 |
| 32.3970486 | 15.99 | 17.7761 | 32.501794 | 16.12 | 20.857 | 32.6065394 | 16.26 | 13.2564 |
| 32.3971644 | 15.99 | 17.9381 | 32.5019097 | 16.12 | 20.9549 | 32.6066551 | 16.26 | 13.716 |
| 32.3972801 | 15.97 | 17.2073 | 32.5020255 | 16.12 | 20.777 | 32.6067708 | 16.26 | 15.2723 |
| 32.3973958 | 16 | 19.2486 | 32.5021412 | 16.12 | 20.7504 | 32.6068866 | 16.28 | 14.8388 |
| 32.3975116 | 15.98 | 17.5996 | 32.5022569 | 16.13 | 21.0134 | 32.6070023 | 16.28 | 14.7391 |
| 32.3976273 | 15.99 | 18.5288 | 32.5023727 | 16.11 | 19.961 | 32.6071181 | 16.28 | 15.6298 |
| 32.3977431 | 15.98 | 17.9579 | 32.5024884 | 16.11 | 19.977 | 32.6072338 | 16.28 | 14.7076 |
| 32.3978588 | 16.02 | 19.244 | 32.5026042 | 16.11 | 20.1207 | 32.6073495 | 16.28 | 16.67 |
| 32.3979745 | 15.98 | 18.2761 | 32.5027199 | 16.11 | 19.9289 | 32.6074653 | 16.28 | 14.0217 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3980903 | 15.99 | 18.295 | 32.5028357 | 16.12 | 20.4857 | 32.607581 | 16.28 | 14.6737 |
| 32.398206 | 16 | 19.1011 | 32.5029514 | 16.12 | 20.6164 | 32.6076968 | 16.26 | 14.2901 |
| 32.3983218 | 15.97 | 16.2105 | 32.5030671 | 16.12 | 20.3416 | 32.6078125 | 16.28 | 13.6401 |
| 32.3984375 | 16.06 | 20.5612 | 32.5031829 | 16.12 | 20.1283 | 32.6079282 | 16.28 | 12.8785 |
| 32.3985532 | 15.98 | 17.0538 | 32.5032986 | 16.12 | 20.067 | 32.608044 | 16.28 | 12.7636 |
| 32.398669 | 15.99 | 17.6026 | 32.5034144 | 16.12 | 20.1283 | 32.6081597 | 16.28 | 12.7508 |
| 32.3987847 | 16.02 | 19.4342 | 32.5035301 | 16.12 | 20.4301 | 32.6082755 | 16.28 | 12.448 |
| 32.3989005 | 15.98 | 16.8542 | 32.5036458 | 16.12 | 19.9471 | 32.6083912 | 16.29 | 12.4575 |
| 32.3990162 | 15.82 | 6.8397 | 32.5037616 | 16.12 | 20.2664 | 32.6085069 | 16.29 | 13.0071 |
| 32.3991319 | 15.9 | 12.6219 | 32.5038773 | 16.12 | 20.4875 | 32.6086227 | 16.29 | 13.0332 |
| 32.3992477 | 16.07 | 21.4826 | 32.5039931 | 16.12 | 20.6465 | 32.6087384 | 16.29 | 13.3537 |
| 32.3993634 | 16.03 | 19.6066 | 32.5041088 | 16.12 | 20.4319 | 32.6088542 | 16.29 | 13.665 |
| 32.3994792 | 16.1 | 21.3389 | 32.5042245 | 16.12 | 20.3214 | 32.6089699 | 16.29 | 13.1444 |
| 32.3995949 | 16.11 | 22.2939 | 32.5043403 | 16.12 | 20.0203 | 32.6090857 | 16.29 | 13.0811 |
| 32.3997107 | 16.04 | 19.7552 | 32.504456 | 16.12 | 19.9971 | 32.6092014 | 16.29 | 13.5063 |
| 32.3998264 | 15.9 | 11.5127 | 32.5045718 | 16.12 | 20.2664 | 32.6093171 | 16.29 | 13.5456 |
| 32.3999421 | 15.89 | 11.7915 | 32.5046875 | 16.13 | 20.8213 | 32.6094329 | 16.29 | 13.3327 |
| 32.4000579 | 15.93 | 15.7748 | 32.5048032 | 16.13 | 21.027 | 32.6095486 | 16.29 | 13.4538 |
| 32.4001736 | 16.1 | 22.1953 | 32.504919 | 16.13 | 20.9285 | 32.6096644 | 16.29 | 13.5489 |
| 32.4002894 | 16.11 | 22.2556 | 32.5050347 | 16.13 | 21.0134 | 32.6097801 | 16.29 | 13.7432 |
| 32.4004051 | 16.12 | 22.2033 | 32.5051505 | 16.13 | 20.7775 | 32.6098958 | 16.29 | 13.6367 |
| 32.4005208 | 15.99 | 17.8606 | 32.5052662 | 16.12 | 20.4987 | 32.6100116 | 16.29 | 13.75 |
| 32.4006366 | 16.02 | 18.8653 | 32.5053819 | 16.12 | 20.4987 | 32.6101273 | 16.29 | 13.7625 |
| 32.4007523 | 16 | 18.529 | 32.5054977 | 16.13 | 20.542 | 32.6102431 | 16.29 | 13.2113 |
| 32.4008681 | 16.02 | 19.2491 | 32.5056134 | 16.12 | 20.219 | 32.6103588 | 16.29 | 13.2862 |
| 32.4009838 | 16.04 | 19.9709 | 32.5057292 | 16.12 | 20.1609 | 32.6104745 | 16.29 | 12.8559 |
| 32.4010995 | 15.97 | 16.0557 | 32.5058449 | 16.12 | 19.8831 | 32.6105903 | 16.28 | 12.4922 |
| 32.4012153 | 15.98 | 16.8093 | 32.5059607 | 16.12 | 20.4005 | 32.610706 | 16.29 | 13.0593 |
| 32.401331 | 16.07 | 21.2324 | 32.5060764 | 16.12 | 20.5733 | 32.6108218 | 16.28 | 12.5818 |
| 32.4014468 | 16.03 | 19.3611 | 32.5061921 | 16.13 | 20.7585 | 32.6109375 | 16.29 | 12.4901 |
| 32.4015625 | 16.1 | 21.6704 | 32.5063079 | 16.13 | 20.869 | 32.6110532 | 16.29 | 12.6847 |
| 32.4016782 | 15.95 | 13.5101 | 32.5064236 | 16.02 | 10.7703 | 32.611169 | 16.29 | 13.0517 |
| 32.401794 | 16.11 | 22.3537 | 32.5065394 | 16.1 | 17.3076 | 32.6112847 | 16.29 | 13.1828 |
| 32.4019097 | 16.07 | 20.5673 | 32.5066551 | 16.15 | 21.3122 | 32.6114005 | 16.29 | 13.0953 |
| 32.4020255 | 16.11 | 21.8596 | 32.5067708 | 16.13 | 20.7984 | 32.6115162 | 16.29 | 12.9605 |
| 32.4021412 | 16.06 | 20.3574 | 32.5068866 | 16.16 | 21.8385 | 32.6116319 | 16.29 | 12.9151 |
| 32.4022569 | 16.07 | 20.8087 | 32.5070023 | 16.15 | 21.6595 | 32.6117477 | 16.29 | 13.0724 |
| 32.4023727 | 16.1 | 21.7336 | 32.5071181 | 16.12 | 19.8777 | 32.6118634 | 16.29 | 13.5243 |
| 32.4024884 | 16.07 | 20.9696 | 32.5072338 | 16.13 | 20.5029 | 32.6119792 | 16.29 | 13.5153 |
| 32.4026042 | 15.81 | 4.123 | 32.5073495 | 16.12 | 20.0383 | 32.6120949 | 16.29 | 13.3526 |
| 32.4027199 | 15.6 | 0.1095 | 32.5074653 | 16.13 | 20.1396 | 32.6122107 | 16.29 | 13.4549 |
| 32.4028357 | 15.63 | 0.0517 | 32.507581 | 16.12 | 20.2409 | 32.6123264 | 16.29 | 13.2995 |
| 32.4029514 | 15.77 | 6.1382 | 32.5076968 | 16.16 | 21.9461 | 32.6124421 | 16.29 | 13.2851 |
| 32.4030671 | 15.55 | 0.1432 | 32.5078125 | 16.15 | 21.532 | 32.6125579 | 16.28 | 13.3537 |
| 32.4031829 | 16.08 | 22.2446 | 32.5079282 | 16.12 | 19.9631 | 32.6126736 | 16.29 | 13.8172 |
| 32.4032986 | 16.11 | 21.9175 | 32.508044 | 16.07 | 16.2236 | 32.6127894 | 16.29 | 13.8984 |
| 32.4034144 | 15.99 | 17.4857 | 32.5081597 | 16.08 | 17.9511 | 32.6129051 | 16.28 | 13.6469 |
| 32.4035301 | 16.04 | 19.7815 | 32.5082755 | 16.1 | 18.2838 | 32.6130208 | 16.28 | 13.494 |
| 32.4036458 | 15.9 | 12.4443 | 32.5083912 | 16.1 | 17.7558 | 32.6131366 | 16.28 | 13.5546 |
| 32.4037616 | 15.87 | 10.4989 | 32.5085069 | 16.11 | 19.4075 | 32.6132523 | 16.28 | 14.1623 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4038773 | 15.86 | 9.6885 | 32.5086227 | 16.07 | 15.9615 | 32.6133681 | 16.28 | 13.4171 |
| 32.4039931 | 16.03 | 20.105 | 32.5087384 | 16.06 | 14.6336 | 32.6134838 | 16.28 | 13.1226 |
| 32.4041088 | 16.04 | 20.7673 | 32.5088542 | 16.13 | 20.6019 | 32.6135995 | 16.26 | 12.1341 |
| 32.4042245 | 15.93 | 12.4854 | 32.5089699 | 16.07 | 16.4565 | 32.6137153 | 16.26 | 12.3475 |
| 32.4043403 | 16.02 | 19.0549 | 32.5090857 | 16.11 | 20.1641 | 32.613831 | 16.28 | 13.9111 |
| 32.404456 | 16.08 | 22.4221 | 32.5092014 | 16.11 | 19.3207 | 32.6139468 | 16.28 | 13.3161 |
| 32.4045718 | 16.13 | 21.892 | 32.5093171 | 16.15 | 21.1293 | 32.6140625 | 16.26 | 12.1639 |
| 32.4046875 | 15.84 | 5.6809 | 32.5094329 | 16.06 | 13.7004 | 32.6141782 | 16.26 | 12.3893 |
| 32.4048032 | 16 | 18.1984 | 32.5095486 | 16.13 | 21.1301 | 32.614294 | 16.24 | 11.2524 |
| 32.404919 | 15.78 | 4.1335 | 32.5096644 | 16.13 | 20.8041 | 32.6144097 | 16.25 | 11.4431 |
| 32.4050347 | 15.85 | 10.2478 | 32.5097801 | 16.12 | 20.2884 | 32.6145255 | 16.26 | 14.3987 |
| 32.4051505 | 16.08 | 21.1604 | 32.5098958 | 16.12 | 20.219 | 32.6146412 | 16.28 | 14.4402 |
| 32.4052662 | 16.15 | 22.9489 | 32.5100116 | 16.12 | 20.1157 | 32.6147569 | 16.29 | 16.0868 |
| 32.4053819 | 16.12 | 22.4406 | 32.5101273 | 16.12 | 20.0132 | 32.6148727 | 16.29 | 15.6478 |
| 32.4054977 | 16.06 | 19.5366 | 32.5102431 | 16.15 | 21.4336 | 32.6149884 | 16.28 | 14.7961 |
| 32.4056134 | 16.1 | 21.9085 | 32.5103588 | 16.17 | 22.3095 | 32.6151042 | 16.29 | 15.462 |
| 32.4057292 | 16.13 | 22.1217 | 32.5104745 | 16.1 | 17.7302 | 32.6152199 | 16.26 | 14.3987 |
| 32.4058449 | 16.12 | 22.346 | 32.5105903 | 16 | 8.5218 | 32.6153357 | 16.26 | 15.2422 |
| 32.4059607 | 16.13 | 22.2742 | 32.510706 | 16.11 | 19.977 | 32.6154514 | 16.28 | 14.8583 |
| 32.4060764 | 16.06 | 19.1509 | 32.5108218 | 16.13 | 20.5495 | 32.6155671 | 16.28 | 15.3554 |
| 32.4061921 | 16.04 | 18.9379 | 32.5109375 | 16.15 | 21.3539 | 32.6156829 | 16.29 | 16.3637 |
| 32.4063079 | 16.06 | 19.4147 | 32.5110532 | 16.16 | 22.1135 | 32.6157986 | 16.28 | 15.5604 |
| 32.4064236 | 16.04 | 18.999 | 32.511169 | 16.16 | 22.0275 | 32.6159144 | 16.28 | 15.2083 |
| 32.4065394 | 16.02 | 18.0794 | 32.5112847 | 16.15 | 21.4477 | 32.6160301 | 16.26 | 15.7658 |
| 32.4066551 | 16.04 | 19.1923 | 32.5114005 | 16.15 | 21.1645 | 32.6161458 | 16.28 | 16.4988 |
| 32.4067708 | 16.02 | 17.873 | 32.5115162 | 16.13 | 20.9458 | 32.6162616 | 16.28 | 16.1575 |
| 32.4068866 | 16 | 17.4372 | 32.5116319 | 16.13 | 20.768 | 32.6163773 | 16.28 | 16.265 |
| 32.4070023 | 15.99 | 17.2536 | 32.5117477 | 16.12 | 19.6511 | 32.6164931 | 16.28 | 15.9201 |
| 32.4071181 | 15.95 | 15.1672 | 32.5118634 | 16.13 | 19.8586 | 32.6166088 | 16.28 | 16.2246 |
| 32.4072338 | 16 | 17.5922 | 32.5119792 | 16.07 | 15.5368 | 32.6167245 | 16.28 | 15.8886 |
| 32.4073495 | 16.02 | 18.4958 | 32.5120949 | 16.06 | 13.4707 | 32.6168403 | 16.28 | 16.5938 |
| 32.4074653 | 16.02 | 18.2969 | 32.5122107 | 16.06 | 14.0547 | 32.616956 | 16.28 | 16.3909 |
| 32.407581 | 16.02 | 18.4355 | 32.5123264 | 16.11 | 19.37 | 32.6170718 | 16.28 | 16.5373 |
| 32.4076968 | 16.02 | 18.2313 | 32.5124421 | 16.06 | 15.1966 | 32.6171875 | 16.28 | 15.8153 |
| 32.4078125 | 16.07 | 19.9453 | 32.5125579 | 16.11 | 18.735 | 32.6173032 | 16.26 | 14.9233 |
| 32.4079282 | 16.03 | 17.6132 | 32.5126736 | 16.12 | 19.8211 | 32.617419 | 16.26 | 15.2133 |
| 32.408044 | 16.02 | 18.1288 | 32.5127894 | 16.12 | 19.807 | 32.6175347 | 16.26 | 15.5912 |
| 32.4081597 | 16.06 | 19.9752 | 32.5129051 | 16.15 | 21.1019 | 32.6176505 | 16.26 | 15.7255 |
| 32.4082755 | 16.07 | 20.0867 | 32.5130208 | 16.15 | 21.2885 | 32.6177662 | 16.26 | 15.2146 |
| 32.4083912 | 16.08 | 21.2507 | 32.5131366 | 16.1 | 17.9376 | 32.6178819 | 16.28 | 15.1845 |
| 32.4085069 | 16.06 | 19.9236 | 32.5132523 | 16.13 | 20.0764 | 32.6179977 | 16.26 | 15.2133 |
| 32.4086227 | 16.08 | 20.7693 | 32.5133681 | 16.13 | 20.4009 | 32.6181134 | 16.26 | 15.5029 |
| 32.4087384 | 16.07 | 20.2279 | 32.5134838 | 16.15 | 19.941 | 32.6182292 | 16.26 | 15.581 |
| 32.4088542 | 16.06 | 19.6684 | 32.5135995 | 16.12 | 20.0383 | 32.6183449 | 16.26 | 14.8621 |
| 32.4089699 | 16.08 | 20.8932 | 32.5137153 | 16.12 | 20.3122 | 32.6184607 | 16.26 | 15.4023 |
| 32.4090857 | 16.08 | 20.9143 | 32.513831 | 16.13 | 20.5626 | 32.6185764 | 16.28 | 15.8009 |
| 32.4092014 | 16.07 | 20.1499 | 32.5139468 | 16.16 | 21.7603 | 32.6186921 | 16.28 | 15.2496 |
| 32.4093171 | 16.1 | 21.142 | 32.5140625 | 16.17 | 22.2498 | 32.6188079 | 16.26 | 15.4671 |
| 32.4094329 | 16.08 | 20.7674 | 32.5141782 | 16.17 | 22.5055 | 32.6189236 | 16.26 | 16.1201 |
| 32.4095486 | 16.08 | 20.7332 | 32.514294 | 16.19 | 22.6973 | 32.6190394 | 16.26 | 15.4201 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4096644 | 16.1 | 20.877 | 32.5144097 | 16.19 | 22.6337 | 32.6191551 | 16.26 | 15.5823 |
| 32.4097801 | 16.07 | 19.9133 | 32.5145255 | 16.17 | 22.4017 | 32.6192708 | 16.26 | 15.9228 |
| 32.4098958 | 16.08 | 21.1058 | 32.5146412 | 16.1 | 17.2727 | 32.6193866 | 16.28 | 15.9886 |
| 32.4100116 | 16.1 | 21.3866 | 32.5147569 | 16.11 | 17.7318 | 32.6195023 | 16.28 | 16.2974 |
| 32.4101273 | 16.11 | 21.5133 | 32.5148727 | 16.15 | 20.8452 | 32.6196181 | 16.28 | 16.4277 |
| 32.4102431 | 16.12 | 22.0474 | 32.5149884 | 16.17 | 22.1629 | 32.6197338 | 16.28 | 16.2192 |
| 32.4103588 | 16.13 | 22.4069 | 32.5151042 | 16.16 | 21.6623 | 32.6198495 | 16.28 | 16.1295 |
| 32.4104745 | 16.1 | 21.035 | 32.5152199 | 16.15 | 20.6517 | 32.6199653 | 16.26 | 16.0151 |
| 32.4105903 | 16.12 | 21.9224 | 32.5153357 | 16.17 | 21.8619 | 32.620081 | 16.26 | 15.5925 |
| 32.410706 | 16 | 16.6977 | 32.5154514 | 16.13 | 19.8621 | 32.6201968 | 16.26 | 15.6092 |
| 32.4108218 | 15.81 | 4.3604 | 32.5155671 | 16.13 | 20.0458 | 32.6203125 | 16.26 | 15.6957 |
| 32.4109375 | 16.04 | 19.7114 | 32.5156829 | 16.13 | 19.976 | 32.6204282 | 16.26 | 16.3339 |
| 32.4110532 | 16.16 | 23.6063 | 32.5157986 | 16.1 | 17.936 | 32.620544 | 16.26 | 16.6311 |
| 32.411169 | 16.21 | 24.7107 | 32.5159144 | 16.1 | 17.6434 | 32.6206597 | 16.26 | 16.2071 |
| 32.4112847 | 16.2 | 23.7909 | 32.5160301 | 16.11 | 18.8311 | 32.6207755 | 16.26 | 16.6755 |
| 32.4114005 | 16.1 | 20.8694 | 32.5161458 | 16.13 | 20.4564 | 32.6208912 | 16.28 | 16.6311 |
| 32.4115162 | 16.12 | 21.5987 | 32.5162616 | 16.15 | 20.7443 | 32.6210069 | 16.26 | 16.7843 |
| 32.4116319 | 16.13 | 22.1365 | 32.5163773 | 16.12 | 17.9484 | 32.6211227 | 16.28 | 16.8194 |
| 32.4117477 | 16.02 | 17.1082 | 32.5164931 | 16.02 | 8.831 | 32.6212384 | 16.26 | 16.4386 |
| 32.4118634 | 16.1 | 21.3092 | 32.5166088 | 16.16 | 22.0799 | 32.6213542 | 16.26 | 16.5883 |
| 32.4119792 | 16.1 | 21.4425 | 32.5167245 | 16.13 | 20.9863 | 32.6214699 | 16.28 | 16.9833 |
| 32.4120949 | 16.24 | 24.9047 | 32.5168403 | 16.16 | 21.9545 | 32.6215857 | 16.28 | 16.5869 |
| 32.4122107 | 16.23 | 24.0012 | 32.516956 | 16.15 | 20.9971 | 32.6217014 | 16.26 | 15.8323 |
| 32.4123264 | 16.08 | 19.9207 | 32.5170718 | 16.15 | 21.4657 | 32.6218171 | 16.28 | 16.0058 |
| 32.4124421 | 16.1 | 20.95 | 32.5171875 | 16.15 | 21.4978 | 32.6219329 | 16.28 | 16.0443 |
| 32.4125579 | 16.04 | 18.316 | 32.5173032 | 16.15 | 21.0068 | 32.6220486 | 16.26 | 16.0231 |
| 32.4126736 | 16.08 | 21.2212 | 32.517419 | 16.13 | 20.3585 | 32.6221644 | 16.26 | 15.928 |
| 32.4127894 | 16.03 | 18.3898 | 32.5175347 | 16.12 | 19.2786 | 32.6222801 | 16.26 | 15.7788 |
| 32.4129051 | 16.07 | 20.4149 | 32.5176505 | 16.15 | 21.1606 | 32.6223958 | 16.26 | 16.2825 |
| 32.4130208 | 16.02 | 18.1908 | 32.5177662 | 16.12 | 18.2247 | 32.6225116 | 16.28 | 16.2259 |
| 32.4131366 | 16.03 | 18.3096 | 32.5178819 | 16.16 | 20.7752 | 32.6226273 | 16.26 | 16.5373 |
| 32.4132523 | 16.06 | 19.299 | 32.5179977 | 16.15 | 19.8575 | 32.6227431 | 16.26 | 16.4797 |
| 32.4133681 | 16.11 | 21.1974 | 32.5181134 | 16.16 | 21.6786 | 32.6228588 | 16.28 | 16.5208 |
| 32.4134838 | 16.13 | 22.7468 | 32.5182292 | 16.13 | 20.542 | 32.6229745 | 16.28 | 16.5731 |
| 32.4135995 | 15.94 | 11.4525 | 32.5183449 | 16.13 | 20.3677 | 32.6230903 | 16.28 | 16.7731 |
| 32.4137153 | 16.07 | 20.0006 | 32.5184607 | 16.1 | 17.7573 | 32.623206 | 16.28 | 16.6616 |
| 32.413831 | 16.11 | 21.9507 | 32.5185764 | 16.13 | 20.0746 | 32.6233218 | 16.28 | 16.5869 |
| 32.4139468 | 16.07 | 20.2243 | 32.5186921 | 16.11 | 18.561 | 32.6234375 | 16.28 | 16.5635 |
| 32.4140625 | 16.11 | 21.9528 | 32.5188079 | 16.12 | 19.1976 | 32.6235532 | 16.28 | 16.7675 |
| 32.4141782 | 16.2 | 23.9202 | 32.5189236 | 16.13 | 20.098 | 32.623669 | 16.28 | 16.8531 |
| 32.414294 | 16.11 | 21.4651 | 32.5190394 | 16.1 | 17.5409 | 32.6237847 | 16.28 | 16.7661 |
| 32.4144097 | 16.13 | 22.5933 | 32.5191551 | 16.11 | 19.0769 | 32.6239005 | 16.28 | 16.8785 |
| 32.4145255 | 16.08 | 20.8645 | 32.5192708 | 16.12 | 20.0221 | 32.6240162 | 16.28 | 16.7759 |
| 32.4146412 | 16.15 | 22.6958 | 32.5193866 | 16.13 | 20.6413 | 32.6241319 | 16.28 | 16.8517 |
| 32.4147569 | 16.17 | 23.0769 | 32.5195023 | 16.11 | 18.9575 | 32.6242477 | 16.28 | 17.0203 |
| 32.4148727 | 16.16 | 23.226 | 32.5196181 | 16.08 | 16.1619 | 32.6243634 | 16.28 | 16.9025 |
| 32.4149884 | 16.1 | 21.103 | 32.5197338 | 16.12 | 20.1247 | 32.6244792 | 16.26 | 17.0216 |
| 32.4151042 | 16.11 | 21.5133 | 32.5198495 | 16.12 | 20.3379 | 32.6245949 | 16.29 | 17.046 |
| 32.4152199 | 16.1 | 20.8904 | 32.5199653 | 16.13 | 20.5495 | 32.6247107 | 16.28 | 17.1319 |
| 32.4153357 | 16.13 | 22.5889 | 32.520081 | 16.11 | 19.3224 | 32.6248264 | 16.28 | 16.9961 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4154514 | 16.1 | 20.3922 | 32.5201968 | 16.11 | 18.7724 | 32.6249421 | 16.29 | 17.0217 |
| 32.4155671 | 16.17 | 22.8815 | 32.5203125 | 16.04 | 11.4744 | 32.6250579 | 16.29 | 16.9876 |
| 32.4156829 | 15.91 | 9.6171 | 32.5204282 | 16.03 | 11.6137 | 32.6251736 | 16.29 | 16.911 |
| 32.4157986 | 16.03 | 18.7547 | 32.520544 | 16.13 | 20.4102 | 32.6252894 | 16.29 | 17.0046 |
| 32.4159144 | 16.1 | 20.9808 | 32.5206597 | 16.17 | 22.3609 | 32.6254051 | 16.29 | 17.0118 |
| 32.4160301 | 16.04 | 19.6434 | 32.5207755 | 16.2 | 23.2005 | 32.6255208 | 16.29 | 17.0603 |
| 32.4161458 | 15.91 | 11.1146 | 32.5208912 | 16.12 | 18.6866 | 32.6256366 | 16.29 | 17.2199 |
| 32.4162616 | 16 | 17.5982 | 32.5210069 | 16.1 | 17.4877 | 32.6257523 | 16.29 | 17.2069 |
| 32.4163773 | 16.04 | 19.8255 | 32.5211227 | 16.12 | 19.0505 | 32.6258681 | 16.29 | 17.3523 |
| 32.4164931 | 15.82 | 5.9823 | 32.5212384 | 16.17 | 21.9074 | 32.6259838 | 16.29 | 17.3027 |
| 32.4166088 | 16.11 | 22.8113 | 32.5213542 | 16.11 | 19.4572 | 32.6260995 | 16.29 | 17.48 |
| 32.4167245 | 16.08 | 20.3215 | 32.5214699 | 16.08 | 16.6546 | 32.6262153 | 16.28 | 17.0717 |
| 32.4168403 | 16.13 | 22.3233 | 32.5215857 | 16.13 | 20.6884 | 32.626331 | 16.28 | 16.9393 |
| 32.416956 | 16.16 | 23.1667 | 32.5217014 | 16.15 | 20.528 | 32.6264468 | 16.28 | 17.3012 |
| 32.4170718 | 16.11 | 21.7732 | 32.5218171 | 16.11 | 17.9804 | 32.6265625 | 16.28 | 16.9747 |
| 32.4171875 | 16.11 | 21.7036 | 32.5219329 | 16.1 | 17.535 | 32.6266782 | 16.28 | 17.129 |
| 32.4173032 | 16.13 | 22.3212 | 32.5220486 | 16.11 | 18.3783 | 32.626794 | 16.28 | 17.3449 |
| 32.417419 | 16.11 | 21.5495 | 32.5221644 | 16.15 | 21.0961 | 32.6269097 | 16.29 | 17.3056 |
| 32.4175347 | 16.11 | 21.5294 | 32.5222801 | 16.15 | 21.2984 | 32.6270255 | 16.28 | 17.3829 |
| 32.4176505 | 16.08 | 20.7446 | 32.5223958 | 16.13 | 20.1197 | 32.6271412 | 16.28 | 17.5911 |
| 32.4177662 | 16 | 17.1469 | 32.5225116 | 16.13 | 20.3163 | 32.6272569 | 16.28 | 17.7996 |
| 32.4178819 | 16 | 17.6309 | 32.5226273 | 16.16 | 21.5025 | 32.6273727 | 16.29 | 17.7168 |
| 32.4179977 | 16 | 17.6205 | 32.5227431 | 16.17 | 21.8309 | 32.6274884 | 16.28 | 17.4196 |
| 32.4181134 | 15.98 | 16.2118 | 32.5228588 | 16.17 | 21.9823 | 32.6276042 | 16.28 | 17.2779 |
| 32.4182292 | 15.99 | 17.2348 | 32.5229745 | 16.17 | 21.9282 | 32.6277199 | 16.28 | 17.7634 |
| 32.4183449 | 16 | 18.6556 | 32.5230903 | 16.17 | 21.7898 | 32.6278357 | 16.28 | 16.9124 |
| 32.4184607 | 16.04 | 20.1271 | 32.523206 | 16.16 | 21.4824 | 32.6279514 | 16.28 | 17.4741 |
| 32.4185764 | 16.07 | 20.5934 | 32.5233218 | 16.17 | 22.1734 | 32.6280671 | 16.28 | 17.5851 |
| 32.4186921 | 16.08 | 20.947 | 32.5234375 | 16.19 | 22.2217 | 32.6281829 | 16.28 | 17.511 |
| 32.4188079 | 16.08 | 20.9316 | 32.5235532 | 16.2 | 22.6017 | 32.6282986 | 16.29 | 17.7123 |
| 32.4189236 | 16.07 | 20.4593 | 32.523669 | 16.16 | 20.8419 | 32.6284144 | 16.29 | 18.2943 |
| 32.4190394 | 16.07 | 20.5449 | 32.5237847 | 16.08 | 13.1311 | 32.6285301 | 16.29 | 18.3542 |
| 32.4191551 | 16.12 | 21.9058 | 32.5239005 | 16.1 | 15.1428 | 32.6286458 | 16.29 | 17.8269 |
| 32.4192708 | 16.04 | 19.2935 | 32.5240162 | 16.16 | 21.3486 | 32.6287616 | 16.29 | 18.2943 |
| 32.4193866 | 16.03 | 18.7888 | 32.5241319 | 16.19 | 22.5094 | 32.6288773 | 16.29 | 18.4683 |
| 32.4195023 | 16.07 | 20.1535 | 32.5242477 | 16.16 | 21.7357 | 32.6289931 | 16.29 | 18.1398 |
| 32.4196181 | 16 | 17.3933 | 32.5243634 | 16.17 | 21.9823 | 32.6291088 | 16.29 | 17.9426 |
| 32.4197338 | 15.9 | 10.7922 | 32.5244792 | 16.11 | 15.2905 | 32.6292245 | 16.29 | 18.2504 |
| 32.4198495 | 15.89 | 10.518 | 32.5245949 | 16.11 | 17.1601 | 32.6293403 | 16.29 | 17.8633 |
| 32.4199653 | 15.93 | 13.5068 | 32.5247107 | 16.16 | 21.8385 | 32.629456 | 16.29 | 18.1304 |
| 32.420081 | 15.99 | 17.4401 | 32.5248264 | 16.17 | 21.8165 | 32.6295718 | 16.28 | 17.8602 |
| 32.4201968 | 16 | 18.3485 | 32.5249421 | 16.17 | 22.1523 | 32.6296875 | 16.28 | 17.967 |
| 32.4203125 | 16.02 | 19.1165 | 32.5250579 | 16.19 | 22.5703 | 32.6298032 | 16.28 | 18.1009 |
| 32.4204282 | 16.03 | 19.8782 | 32.5251736 | 16.16 | 20.3304 | 32.629919 | 16.28 | 18.354 |
| 32.420544 | 16.07 | 20.729 | 32.5252894 | 16.12 | 17.1357 | 32.6300347 | 16.29 | 17.9855 |
| 32.4206597 | 16.07 | 20.3817 | 32.5254051 | 16.16 | 20.6465 | 32.6301505 | 16.28 | 17.8617 |
| 32.4207755 | 16.06 | 19.8385 | 32.5255208 | 16.15 | 21.0552 | 32.6302662 | 16.28 | 17.8511 |
| 32.4208912 | 16.04 | 19.7114 | 32.5256366 | 16.2 | 22.3893 | 32.6303819 | 16.26 | 17.3346 |
| 32.4210069 | 15.97 | 15.9106 | 32.5257523 | 16.15 | 19.8381 | 32.6304977 | 16.26 | 17.4151 |
| 32.4211227 | 16.04 | 20.064 | 32.5258681 | 16.13 | 17.8345 | 32.6306134 | 16.26 | 17.2923 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4212384 | 16.03 | 19.3798 | 32.5259838 | 16.08 | 13.3272 | 32.6307292 | 16.26 | 17.2053 |
| 32.4213542 | 16.02 | 19.0185 | 32.5260995 | 16.08 | 13.4763 | 32.6308449 | 16.26 | 17.2531 |
| 32.4214699 | 16.04 | 19.9371 | 32.5262153 | 16.12 | 18.5053 | 32.6309607 | 16.28 | 18.4014 |
| 32.4215857 | 16.04 | 19.9424 | 32.526331 | 16.11 | 17.15 | 32.6310764 | 16.28 | 17.6343 |
| 32.4217014 | 16.04 | 19.6087 | 32.5264468 | 16.13 | 19.5248 | 32.6311921 | 16.28 | 18.617 |
| 32.4218171 | 16.02 | 18.3487 | 32.5265625 | 16.12 | 18.9133 | 32.6313079 | 16.28 | 17.7634 |
| 32.4219329 | 15.9 | 12.396 | 32.5266782 | 16.13 | 19.9047 | 32.6314236 | 16.28 | 17.6463 |
| 32.4220486 | 15.87 | 10.3926 | 32.526794 | 16.13 | 19.3978 | 32.6315394 | 16.28 | 18.6218 |
| 32.4221644 | 16.03 | 19.1351 | 32.5269097 | 16.12 | 18.1686 | 32.6316551 | 16.28 | 18.4173 |
| 32.4222801 | 15.98 | 17.1785 | 32.5270255 | 16.13 | 18.9036 | 32.6317708 | 16.28 | 18.1257 |
| 32.4223958 | 16.02 | 18.7968 | 32.5271412 | 16.11 | 17.4011 | 32.6318866 | 16.28 | 18.5447 |
| 32.4225116 | 16.02 | 18.8653 | 32.5272569 | 16.11 | 16.2679 | 32.6320023 | 16.28 | 17.7332 |
| 32.4226273 | 16.06 | 20.2257 | 32.5273727 | 16.1 | 16.6838 | 32.6321181 | 16.28 | 17.7528 |
| 32.4227431 | 16.11 | 21.8493 | 32.5274884 | 16.12 | 17.9836 | 32.6322338 | 16.28 | 17.9961 |
| 32.4228588 | 15.93 | 12.6485 | 32.5276042 | 16.12 | 18.0097 | 32.6323495 | 16.28 | 17.5688 |
| 32.4229745 | 15.91 | 13.13 | 32.5277199 | 16.12 | 18.2029 | 32.6324653 | 16.28 | 17.5465 |
| 32.4230903 | 15.94 | 13.1037 | 32.5278357 | 16.12 | 17.9928 | 32.632581 | 16.28 | 17.9547 |
| 32.423206 | 15.82 | 7.1482 | 32.5279514 | 16.11 | 17.9529 | 32.6326968 | 16.28 | 17.8906 |
| 32.4233218 | 15.77 | 5.1555 | 32.5280671 | 16.11 | 17.8844 | 32.6328125 | 16.28 | 17.7002 |
| 32.4234375 | 15.78 | 5.1311 | 32.5281829 | 16.12 | 18.0604 | 32.6329282 | 16.28 | 17.5822 |
| 32.4235532 | 15.98 | 16.8781 | 32.5282986 | 16.11 | 16.2101 | 32.633044 | 16.28 | 17.6388 |
| 32.423669 | 16.06 | 21.1046 | 32.5284144 | 16.12 | 17.9317 | 32.6331597 | 16.28 | 17.7528 |
| 32.4237847 | 16.08 | 20.7408 | 32.5285301 | 16.13 | 18.6965 | 32.6332755 | 16.28 | 17.7468 |
| 32.4239005 | 16.1 | 21.565 | 32.5286458 | 16.11 | 17.4937 | 32.6333912 | 16.28 | 17.7784 |
| 32.4240162 | 16.02 | 19.2524 | 32.5287616 | 16.11 | 17.3164 | 32.6335069 | 16.28 | 17.7694 |
| 32.4241319 | 16.03 | 19.3322 | 32.5288773 | 16.13 | 20.0207 | 32.6336227 | 16.28 | 17.7634 |
| 32.4242477 | 15.99 | 17.8394 | 32.5289931 | 16.12 | 17.7529 | 32.6337384 | 16.28 | 17.7845 |
| 32.4243634 | 15.84 | 6.5803 | 32.5291088 | 16.11 | 17.3659 | 32.6338542 | 16.26 | 17.8342 |
| 32.4244792 | 15.61 | 0.2689 | 32.5292245 | 16.11 | 16.3626 | 32.6339699 | 16.28 | 17.789 |
| 32.4245949 | 15.69 | 3.9521 | 32.5293403 | 16.15 | 20.1875 | 32.6340857 | 16.28 | 17.7754 |
| 32.4247107 | 15.77 | 6.1934 | 32.529456 | 16.13 | 18.3896 | 32.6342014 | 16.28 | 18.0777 |
| 32.4248264 | 15.93 | 16.1531 | 32.5295718 | 16.1 | 14.0616 | 32.6343171 | 16.28 | 18.0885 |
| 32.4249421 | 15.8 | 6.3932 | 32.5296875 | 16.1 | 13.9322 | 32.6344329 | 16.28 | 18.0978 |
| 32.4250579 | 15.97 | 17.7174 | 32.5298032 | 16.11 | 16.4661 | 32.6345486 | 16.28 | 17.9946 |
| 32.4251736 | 15.86 | 10.7878 | 32.529919 | 16.12 | 17.4304 | 32.6346644 | 16.28 | 18.1831 |
| 32.4252894 | 15.81 | 7.697 | 32.5300347 | 16.12 | 18.6802 | 32.6347801 | 16.26 | 18.1611 |
| 32.4254051 | 16.1 | 22.5188 | 32.5301505 | 16.12 | 17.8678 | 32.6348958 | 16.28 | 18.4633 |
| 32.4255208 | 15.9 | 11.896 | 32.5302662 | 16.12 | 16.4333 | 32.6350116 | 16.28 | 18.3398 |
| 32.4256366 | 16.08 | 21.4472 | 32.5303819 | 16.11 | 17.7619 | 32.6351273 | 16.28 | 18.3761 |
| 32.4257523 | 15.81 | 6.451 | 32.5304977 | 16.12 | 18.5164 | 32.6352431 | 16.28 | 18.2848 |
| 32.4258681 | 15.78 | 5.2869 | 32.5306134 | 16.15 | 19.7149 | 32.6353588 | 16.28 | 18.8313 |
| 32.4259838 | 15.77 | 5.4636 | 32.5307292 | 16.13 | 19.4081 | 32.6354745 | 16.28 | 18.6541 |
| 32.4260995 | 15.81 | 8.7911 | 32.5308449 | 16.13 | 18.3833 | 32.6355903 | 16.28 | 18.5688 |
| 32.4262153 | 15.81 | 7.5362 | 32.5309607 | 16.1 | 13.3227 | 32.635706 | 16.28 | 18.3856 |
| 32.426331 | 15.89 | 13.5237 | 32.5310764 | 16.1 | 14.9571 | 32.6358218 | 16.28 | 18.7156 |
| 32.4264468 | 15.77 | 4.2747 | 32.5311921 | 16.11 | 17.074 | 32.6359375 | 16.28 | 18.9052 |
| 32.4265625 | 15.77 | 3.7416 | 32.5313079 | 16.11 | 16.0938 | 32.6360532 | 16.28 | 18.6508 |
| 32.4266782 | 15.77 | 2.9614 | 32.5314236 | 16.12 | 17.6197 | 32.636169 | 16.28 | 19.0227 |
| 32.426794 | 15.77 | 3.4736 | 32.5315394 | 16.12 | 18.6141 | 32.6362847 | 16.29 | 19.1851 |
| 32.4269097 | 15.89 | 13.2311 | 32.5316551 | 16.12 | 18.4338 | 32.6364005 | 16.28 | 19.0476 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4270255 | 15.91 | 14.1858 | 32.5317708 | 16.12 | 18.1175 | 32.6365162 | 16.28 | 19.0077 |
| 32.4271412 | 15.84 | 8.5649 | 32.5318866 | 16.11 | 15.52 | 32.6366319 | 16.28 | 18.7416 |
| 32.4272569 | 15.84 | 8.583 | 32.5320023 | 16.12 | 17.7439 | 32.6367477 | 16.28 | 18.6186 |
| 32.4273727 | 15.8 | 5.76 | 32.5321181 | 16.11 | 16.9672 | 32.6368634 | 16.28 | 19.1647 |
| 32.4274884 | 15.8 | 5.9748 | 32.5322338 | 16.12 | 17.0941 | 32.6369792 | 16.28 | 19.1563 |
| 32.4276042 | 15.93 | 13.8787 | 32.5323495 | 16.13 | 19.0324 | 32.6370949 | 16.26 | 19.186 |
| 32.4277199 | 15.85 | 6.8658 | 32.5324653 | 16.12 | 16.5359 | 32.6372107 | 16.29 | 19.1213 |
| 32.4278357 | 15.8 | 4.6083 | 32.532581 | 16.13 | 19.0957 | 32.6373264 | 16.28 | 19.5918 |
| 32.4279514 | 15.78 | 4.1036 | 32.5326968 | 16.13 | 18.9745 | 32.6374421 | 16.28 | 19.271 |
| 32.4280671 | 15.78 | 4.0974 | 32.5328125 | 16.12 | 17.5336 | 32.6375579 | 16.28 | 19.3049 |
| 32.4281829 | 15.87 | 11.2262 | 32.5329282 | 16.12 | 16.4838 | 32.6376736 | 16.28 | 19.2017 |
| 32.4282986 | 15.82 | 5.9504 | 32.533044 | 16.12 | 16.5112 | 32.6377894 | 16.28 | 19.4399 |
| 32.4284144 | 15.85 | 7.4931 | 32.5331597 | 16.12 | 16.5662 | 32.6379051 | 16.28 | 19.3936 |
| 32.4285301 | 15.8 | 5.3217 | 32.5332755 | 16.11 | 16.421 | 32.6380208 | 16.28 | 19.4056 |
| 32.4286458 | 15.86 | 10.7878 | 32.5333912 | 16.12 | 16.7283 | 32.6381366 | 16.28 | 19.545 |
| 32.4287616 | 15.9 | 11.9593 | 32.5335069 | 16.12 | 17.1587 | 32.6382523 | 16.26 | 19.579 |
| 32.4288773 | 15.86 | 9.3962 | 32.5336227 | 16.11 | 14.0534 | 32.6383681 | 16.28 | 19.5173 |
| 32.4289931 | 15.82 | 5.7864 | 32.5337384 | 16.11 | 15.0311 | 32.6384838 | 16.28 | 19.1832 |
| 32.4291088 | 15.81 | 5.455 | 32.5338542 | 16.12 | 17.7274 | 32.6385995 | 16.26 | 19.0621 |
| 32.4292245 | 15.81 | 6.4053 | 32.5339699 | 16.12 | 16.7799 | 32.6387153 | 16.26 | 19.3112 |
| 32.4293403 | 15.81 | 5.9981 | 32.5340857 | 16.11 | 14.3141 | 32.638831 | 16.26 | 19.1357 |
| 32.429456 | 15.9 | 13.8582 | 32.5342014 | 16.13 | 15.119 | 32.6389468 | 16.25 | 18.9441 |
| 32.4295718 | 15.82 | 6.8824 | 32.5343171 | 16.12 | 15.9508 | 32.6390625 | 16.25 | 18.6293 |
| 32.4296875 | 15.81 | 5.6607 | 32.5344329 | 16.11 | 11.3066 | 32.6391782 | 16.24 | 18.4881 |
| 32.4298032 | 15.8 | 5.1274 | 32.5345486 | 16.11 | 12.5389 | 32.639294 | 16.25 | 18.5362 |
| 32.429919 | 15.86 | 10.8278 | 32.5346644 | 16.12 | 15.144 | 32.6394097 | 16.25 | 18.9805 |
| 32.4300347 | 15.82 | 6.8924 | 32.5347801 | 16.12 | 14.6213 | 32.6395255 | 16.25 | 18.1361 |
| 32.4301505 | 15.8 | 5.2458 | 32.5348958 | 16.11 | 13.1629 | 32.6396412 | 16.24 | 18.1562 |
| 32.4302662 | 15.78 | 4.8628 | 32.5350116 | 16.12 | 12.8361 | 32.6397569 | 16.25 | 18.7947 |
| 32.4303819 | 15.8 | 5.0252 | 32.5351273 | 16.13 | 14.2635 | 32.6398727 | 16.25 | 18.6713 |
| 32.4304977 | 15.81 | 6.7403 | 32.5352431 | 16.13 | 15.748 | 32.6399884 | 16.25 | 18.2342 |
| 32.4306134 | 15.86 | 10.688 | 32.5353588 | 16.13 | 14.9595 | 32.6401042 | 16.24 | 18.2216 |
| 32.4307292 | 15.9 | 13.6001 | 32.5354745 | 16.13 | 13.1334 | 32.6402199 | 16.25 | 18.2077 |
| 32.4308449 | 15.82 | 7.5813 | 32.5355903 | 16.16 | 16.3042 | 32.6403357 | 16.24 | 17.8537 |
| 32.4309607 | 15.82 | 6.2337 | 32.535706 | 16.15 | 15.7622 | 32.6404514 | 16.24 | 18.3455 |
| 32.4310764 | 15.81 | 5.4913 | 32.5358218 | 16.16 | 15.4446 | 32.6405671 | 16.24 | 18.2013 |
| 32.4311921 | 15.81 | 5.8821 | 32.5359375 | 16.16 | 15.4078 | 32.6406829 | 16.23 | 18.1374 |
| 32.4313079 | 15.81 | 5.6959 | 32.5360532 | 16.15 | 14.59 | 32.6407986 | 16.24 | 18.2044 |
| 32.4314236 | 15.86 | 11.6401 | 32.536169 | 16.15 | 14.347 | 32.6409144 | 16.25 | 18.7247 |
| 32.4315394 | 15.86 | 10.7041 | 32.5362847 | 16.15 | 14.8564 | 32.6410301 | 16.25 | 19.678 |
| 32.4316551 | 15.86 | 11.419 | 32.5364005 | 16.17 | 16.2772 | 32.6411458 | 16.24 | 18.8682 |
| 32.4317708 | 15.86 | 10.743 | 32.5365162 | 16.17 | 15.7726 | 32.6412616 | 16.25 | 18.6358 |
| 32.4318866 | 15.91 | 14.3563 | 32.5366319 | 16.15 | 13.8529 | 32.6413773 | 16.25 | 18.7101 |
| 32.4320023 | 15.9 | 13.481 | 32.5367477 | 16.16 | 14.6212 | 32.6414931 | 16.25 | 18.4883 |
| 32.4321181 | 15.86 | 9.2065 | 32.5368634 | 16.16 | 15.6831 | 32.6416088 | 16.25 | 18.4692 |
| 32.4322338 | 15.86 | 10.0038 | 32.5369792 | 16.15 | 14.0001 | 32.6417245 | 16.25 | 18.4279 |
| 32.4323495 | 15.89 | 12.9925 | 32.5370949 | 16.17 | 16.2516 | 32.6418403 | 16.25 | 18.3756 |
| 32.4324653 | 15.82 | 6.2323 | 32.5372107 | 16.16 | 15.2 | 32.641956 | 16.25 | 18.4104 |
| 32.432581 | 15.85 | 8.5332 | 32.5373264 | 16.16 | 16.7604 | 32.6420718 | 16.25 | 18.289 |
| 32.4326968 | 15.86 | 8.9405 | 32.5374421 | 16.15 | 13.4639 | 32.6421875 | 16.25 | 18.3488 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4328125 | 15.85 | 7.9075 | 32.5375579 | 16.16 | 14.9397 | 32.6423032 | 16.25 | 18.5746 |
| 32.4329282 | 15.84 | 7.6445 | 32.5376736 | 16.15 | 13.3039 | 32.642419 | 16.25 | 18.2311 |
| 32.433044 | 15.82 | 6.8624 | 32.5377894 | 16.15 | 13.1181 | 32.6425347 | 16.25 | 18.217 |
| 32.4331597 | 15.84 | 7.8409 | 32.5379051 | 16.15 | 12.5739 | 32.6426505 | 16.25 | 18.1423 |
| 32.4332755 | 15.82 | 6.6936 | 32.5380208 | 16.15 | 12.6513 | 32.6427662 | 16.25 | 18.278 |
| 32.4333912 | 15.85 | 8.304 | 32.5381366 | 16.15 | 12.6981 | 32.6428819 | 16.25 | 18.1656 |
| 32.4335069 | 15.84 | 7.4656 | 32.5382523 | 16.13 | 12.8717 | 32.6429977 | 16.25 | 18.2202 |
| 32.4336227 | 15.84 | 7.8145 | 32.5383681 | 16.15 | 11.9479 | 32.6431134 | 16.25 | 18.4104 |
| 32.4337384 | 15.82 | 8.4407 | 32.5384838 | 16.16 | 15.5019 | 32.6432292 | 16.25 | 18.3788 |
| 32.4338542 | 15.86 | 11.2261 | 32.5385995 | 16.15 | 13.1871 | 32.6433449 | 16.25 | 18.3962 |
| 32.4339699 | 15.84 | 8.4243 | 32.5387153 | 16.15 | 14.137 | 32.6434607 | 16.25 | 18.2749 |
| 32.4340857 | 15.9 | 13.5506 | 32.538831 | 16.15 | 13.082 | 32.6435764 | 16.25 | 18.2545 |
| 32.4342014 | 15.93 | 14.6379 | 32.5389468 | 16.15 | 13.1783 | 32.6436921 | 16.25 | 18.2922 |
| 32.4343171 | 15.87 | 9.181 | 32.5390625 | 16.15 | 13.1487 | 32.6438079 | 16.25 | 18.4628 |
| 32.4344329 | 15.82 | 6.5787 | 32.5391782 | 16.15 | 12.8319 | 32.6439236 | 16.25 | 18.2405 |
| 32.4345486 | 15.87 | 10.8318 | 32.539294 | 16.15 | 12.9852 | 32.6440394 | 16.25 | 18.2264 |
| 32.4346644 | 15.82 | 6.0528 | 32.5394097 | 16.15 | 12.8803 | 32.6441551 | 16.25 | 18.3441 |
| 32.4347801 | 15.82 | 5.9375 | 32.5395255 | 16.15 | 13.1904 | 32.6442708 | 16.25 | 18.4342 |
| 32.4348958 | 15.81 | 5.1226 | 32.5396412 | 16.15 | 13.3604 | 32.6443866 | 16.25 | 18.474 |
| 32.4350116 | 15.81 | 5.9818 | 32.5397569 | 16.15 | 11.6269 | 32.6445023 | 16.25 | 18.4692 |
| 32.4351273 | 15.81 | 5.7643 | 32.5398727 | 16.12 | 9.5597 | 32.6446181 | 16.25 | 18.4247 |
| 32.4352431 | 15.82 | 5.5301 | 32.5399884 | 16.13 | 10.2976 | 32.6447338 | 16.25 | 18.3519 |
| 32.4353588 | 15.82 | 6.0123 | 32.5401042 | 16.13 | 10.3179 | 32.6448495 | 16.24 | 18.2701 |
| 32.4354745 | 15.86 | 10.1414 | 32.5402199 | 16.15 | 13.7821 | 32.6449653 | 16.25 | 18.4883 |
| 32.4355903 | 15.84 | 8.2514 | 32.5403357 | 16.15 | 13.1761 | 32.645081 | 16.25 | 18.4771 |
| 32.435706 | 15.84 | 7.2895 | 32.5404514 | 16.13 | 12.5643 | 32.6451968 | 16.24 | 18.4261 |
| 32.4358218 | 15.85 | 8.6659 | 32.5405671 | 16.15 | 14.9532 | 32.6453125 | 16.24 | 18.4468 |
| 32.4359375 | 15.82 | 6.2076 | 32.5406829 | 16.15 | 15.6444 | 32.6454282 | 16.25 | 18.6036 |
| 32.4360532 | 15.81 | 5.2691 | 32.5407986 | 16.15 | 13.9712 | 32.645544 | 16.24 | 18.6227 |
| 32.436169 | 15.8 | 4.4276 | 32.5409144 | 16.15 | 15.2338 | 32.6456597 | 16.24 | 18.5632 |
| 32.4362847 | 15.81 | 4.2078 | 32.5410301 | 16.13 | 14.1779 | 32.6457755 | 16.25 | 18.5939 |
| 32.4364005 | 15.82 | 4.0901 | 32.5411458 | 16.13 | 14.8785 | 32.6458912 | 16.25 | 18.5795 |
| 32.4365162 | 15.81 | 3.9372 | 32.5412616 | 16.15 | 15.1164 | 32.6460069 | 16.24 | 18.4786 |
| 32.4366319 | 15.81 | 3.7589 | 32.5413773 | 16.15 | 15.3357 | 32.6461227 | 16.24 | 18.4214 |
| 32.4367477 | 15.81 | 3.6766 | 32.5414931 | 16.15 | 15.5429 | 32.6462384 | 16.24 | 18.4674 |
| 32.4368634 | 15.81 | 5.3622 | 32.5416088 | 16.13 | 15.8157 | 32.6463542 | 16.25 | 18.3962 |
| 32.4369792 | 15.82 | 5.6567 | 32.5417245 | 16.15 | 15.8182 | 32.6464699 | 16.24 | 18.4993 |
| 32.4370949 | 15.81 | 3.695 | 32.5418403 | 16.15 | 14.9336 | 32.6465857 | 16.24 | 18.5376 |
| 32.4372107 | 15.81 | 4.2078 | 32.541956 | 16.15 | 15.6961 | 32.6467014 | 16.24 | 18.3944 |
| 32.4373264 | 15.85 | 3.6151 | 32.5420718 | 16.15 | 15.9652 | 32.6468171 | 16.24 | 18.2654 |
| 32.4374421 | 15.86 | 4.2741 | 32.5421875 | 16.15 | 15.923 | 32.6469329 | 16.24 | 18.1158 |
| 32.4375579 | 15.87 | 3.3176 | 32.5423032 | 16.15 | 15.9678 | 32.6470486 | 16.24 | 18.1158 |
| 32.4376736 | 15.87 | 3.3285 | 32.542419 | 16.15 | 15.9889 | 32.6471644 | 16.24 | 18.2356 |
| 32.4377894 | 15.85 | 6.4808 | 32.5425347 | 16.15 | 15.9771 | 32.6472801 | 16.24 | 18.136 |
| 32.4379051 | 15.82 | 3.7339 | 32.5426505 | 16.15 | 15.9257 | 32.6473958 | 16.24 | 18.0926 |
| 32.4380208 | 15.8 | 2.6249 | 32.5427662 | 16.15 | 15.7505 | 32.6475116 | 16.24 | 18.1779 |
| 32.4381366 | 15.77 | 2.4533 | 32.5428819 | 16.15 | 15.5288 | 32.6476273 | 16.23 | 18.0509 |
| 32.4382523 | 15.76 | 2.4028 | 32.5429977 | 16.15 | 15.6715 | 32.6477431 | 16.24 | 18.0417 |
| 32.4383681 | 15.77 | 2.7282 | 32.5431134 | 16.15 | 15.5262 | 32.6478588 | 16.24 | 18.1779 |
| 32.4384838 | 15.74 | 2.2458 | 32.5432292 | 16.15 | 15.4752 | 32.6479745 | 16.24 | 18.1267 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4385995 | 15.77 | 3.6283 | 32.5433449 | 16.13 | 15.5187 | 32.6480903 | 16.24 | 18.1128 |
| 32.4387153 | 15.76 | 3.3152 | 32.5434607 | 16.15 | 15.2903 | 32.648206 | 16.24 | 17.9926 |
| 32.438831 | 15.77 | 3.366 | 32.5435764 | 16.15 | 15.1987 | 32.6483218 | 16.23 | 17.971 |
| 32.4389468 | 15.78 | 4.5497 | 32.5436921 | 16.13 | 15.2841 | 32.6484375 | 16.23 | 18.0432 |
| 32.4390625 | 15.78 | 4.8234 | 32.5438079 | 16.13 | 15.0199 | 32.6485532 | 16.23 | 17.9404 |
| 32.4391782 | 15.78 | 4.7705 | 32.5439236 | 16.15 | 16.5648 | 32.648669 | 16.23 | 18.0663 |
| 32.439294 | 15.81 | 6.8941 | 32.5440394 | 16.15 | 16.3286 | 32.6487847 | 16.24 | 17.988 |
| 32.4394097 | 15.82 | 8.1923 | 32.5441551 | 16.15 | 16.956 | 32.6489005 | 16.23 | 17.8597 |
| 32.4395255 | 15.8 | 4.3615 | 32.5442708 | 16.13 | 16.2342 | 32.6490162 | 16.23 | 17.8506 |
| 32.4396412 | 15.8 | 5.0873 | 32.5443866 | 16.13 | 14.876 | 32.6491319 | 16.21 | 17.814 |
| 32.4397569 | 15.8 | 4.5955 | 32.5445023 | 16.15 | 18.8221 | 32.6492477 | 16.23 | 17.7749 |
| 32.4398727 | 15.81 | 5.95 | 32.5446181 | 16.15 | 16.8108 | 32.6493634 | 16.23 | 17.6743 |
| 32.4399884 | 15.81 | 4.7319 | 32.5447338 | 16.15 | 17.1214 | 32.6494792 | 16.21 | 17.6771 |
| 32.4401042 | 15.81 | 6.3625 | 32.5448495 | 16.15 | 17.0827 | 32.6495949 | 16.21 | 17.5401 |
| 32.4402199 | 15.81 | 5.2122 | 32.5449653 | 16.15 | 18.4326 | 32.6497107 | 16.21 | 17.7778 |
| 32.4403357 | 15.81 | 4.8123 | 32.545081 | 16.15 | 16.0432 | 32.6498264 | 16.21 | 17.8792 |
| 32.4404514 | 15.81 | 6.7586 | 32.5451968 | 16.15 | 13.5614 | 32.6499421 | 16.21 | 17.6831 |
| 32.4405671 | 15.8 | 5.5676 | 32.5453125 | 16.15 | 14.8796 | 32.6500579 | 16.21 | 18.0445 |
| 32.4406829 | 15.81 | 6.2983 | 32.5454282 | 16.16 | 15.927 | 32.6501736 | 16.23 | 18.3532 |
| 32.4407986 | 15.8 | 5.9216 | 32.545544 | 16.16 | 16.0724 | 32.6502894 | 16.23 | 18.472 |
| 32.4409144 | 15.84 | 9.0017 | 32.5456597 | 16.16 | 15.8104 | 32.6504051 | 16.23 | 18.3154 |
| 32.4410301 | 15.84 | 5.9773 | 32.5457755 | 16.16 | 16.9744 | 32.6505208 | 16.21 | 17.9754 |
| 32.4411458 | 15.8 | 5.7747 | 32.5458912 | 16.16 | 17.9107 | 32.6506366 | 16.21 | 17.8762 |
| 32.4412616 | 15.8 | 5.6873 | 32.5460069 | 16.16 | 15.5403 | 32.6507523 | 16.23 | 18.2464 |
| 32.4413773 | 15.82 | 8.5372 | 32.5461227 | 16.16 | 18.3223 | 32.6508681 | 16.21 | 18.3545 |
| 32.4414931 | 15.84 | 8.1539 | 32.5462384 | 16.16 | 13.8849 | 32.6509838 | 16.21 | 18.2071 |
| 32.4416088 | 15.81 | 6.1799 | 32.5463542 | 16.16 | 13.7718 | 32.6510995 | 16.23 | 18.1142 |
| 32.4417245 | 15.81 | 6.8784 | 32.5464699 | 16.16 | 14.0602 | 32.6512153 | 16.23 | 18.2809 |
| 32.4418403 | 15.84 | 6.4886 | 32.5465857 | 16.16 | 16.127 | 32.651331 | 16.23 | 18.3501 |
| 32.441956 | 15.84 | 4.8338 | 32.5467014 | 16.17 | 15.3963 | 32.6514468 | 16.21 | 18.6398 |
| 32.4420718 | 15.86 | 9.055 | 32.5468171 | 16.16 | 12.6365 | 32.6515625 | 16.21 | 17.9922 |
| 32.4421875 | 15.81 | 3.0719 | 32.5469329 | 16.16 | 16.5593 | 32.6516782 | 16.2 | 17.8837 |
| 32.4423032 | 15.87 | 11.1589 | 32.5470486 | 16.16 | 16.6699 | 32.651794 | 16.21 | 18.0122 |
| 32.442419 | 15.8 | 5.1564 | 32.5471644 | 16.16 | 13.7502 | 32.6519097 | 16.21 | 18.2618 |
| 32.4425347 | 15.81 | 7.6763 | 32.5472801 | 16.16 | 12.4737 | 32.6520255 | 16.23 | 18.1716 |
| 32.4426505 | 15.9 | 13.4352 | 32.5473958 | 16.16 | 12.6705 | 32.6521412 | 16.23 | 18.4864 |
| 32.4427662 | 15.82 | 8.5989 | 32.5475116 | 16.16 | 14.1883 | 32.6522569 | 16.21 | 18.1853 |
| 32.4428819 | 15.82 | 7.6461 | 32.5476273 | 16.16 | 15.8483 | 32.6523727 | 16.21 | 18.2087 |
| 32.4429977 | 15.84 | 8.813 | 32.5477431 | 16.17 | 15.1437 | 32.6524884 | 16.21 | 18.3703 |
| 32.4431134 | 15.97 | 17.1583 | 32.5478588 | 16.16 | 12.6057 | 32.6526042 | 16.21 | 18.5771 |
| 32.4432292 | 15.89 | 11.1241 | 32.5479745 | 16.16 | 11.9836 | 32.6527199 | 16.21 | 18.4781 |
| 32.4433449 | 15.84 | 8.7295 | 32.5480903 | 16.16 | 11.599 | 32.6528357 | 16.23 | 18.8401 |
| 32.4434607 | 15.82 | 7.5502 | 32.548206 | 16.16 | 11.5671 | 32.6529514 | 16.23 | 18.8221 |
| 32.4435764 | 15.78 | 5.3747 | 32.5483218 | 16.16 | 12.0614 | 32.6530671 | 16.23 | 18.8433 |
| 32.4436921 | 15.78 | 5.6548 | 32.5484375 | 16.16 | 11.589 | 32.6531829 | 16.23 | 18.9173 |
| 32.4438079 | 15.78 | 5.8794 | 32.5485532 | 16.16 | 11.3622 | 32.6532986 | 16.23 | 18.8548 |
| 32.4439236 | 15.76 | 4.7226 | 32.548669 | 16.16 | 12.3616 | 32.6534144 | 16.21 | 18.8757 |
| 32.4440394 | 15.76 | 4.6307 | 32.5487847 | 16.16 | 13.5412 | 32.6535301 | 16.23 | 18.8876 |
| 32.4441551 | 15.77 | 5.529 | 32.5489005 | 16.17 | 16.3652 | 32.6536458 | 16.23 | 18.9767 |
| 32.4442708 | 15.76 | 5.2158 | 32.5490162 | 16.16 | 13.3172 | 32.6537616 | 16.23 | 19.192 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4443866 | 15.76 | 5.183 | 32.5491319 | 16.17 | 15.6882 | 32.6538773 | 16.23 | 19.2223 |
| 32.4445023 | 15.76 | 5.1509 | 32.5492477 | 16.16 | 15.4179 | 32.6539931 | 16.23 | 19.4246 |
| 32.4446181 | 15.77 | 5.0202 | 32.5493634 | 16.16 | 14.6561 | 32.6541088 | 16.24 | 19.6916 |
| 32.4447338 | 15.76 | 4.6872 | 32.5494792 | 16.16 | 14.9606 | 32.6542245 | 16.23 | 19.4641 |
| 32.4448495 | 15.8 | 5.6194 | 32.5495949 | 16.16 | 15.6947 | 32.6543403 | 16.21 | 19.011 |
| 32.4449653 | 15.85 | 10.1724 | 32.5497107 | 16.15 | 16.0552 | 32.654456 | 16.23 | 19.2189 |
| 32.445081 | 15.89 | 11.7248 | 32.5498264 | 16.15 | 15.9823 | 32.6545718 | 16.21 | 18.9961 |
| 32.4451968 | 15.82 | 6.8995 | 32.5499421 | 16.15 | 16.2328 | 32.6546875 | 16.21 | 19.2742 |
| 32.4453125 | 15.82 | 7.039 | 32.5500579 | 16.15 | 15.9454 | 32.6548032 | 16.21 | 19.2623 |
| 32.4454282 | 15.85 | 9.2261 | 32.5501736 | 16.15 | 15.9612 | 32.654919 | 16.2 | 19.1475 |
| 32.445544 | 15.78 | 4.0236 | 32.5502894 | 16.16 | 16.0963 | 32.6550347 | 16.21 | 19.1411 |
| 32.4456597 | 15.77 | 3.8352 | 32.5504051 | 16.16 | 15.6315 | 32.6551505 | 16.21 | 19.1612 |
| 32.4457755 | 15.8 | 4.8227 | 32.5505208 | 16.15 | 15.5071 | 32.6552662 | 16.21 | 19.1579 |
| 32.4458912 | 15.8 | 5.698 | 32.5506366 | 16.15 | 15.0742 | 32.6553819 | 16.21 | 19.237 |
| 32.4460069 | 15.82 | 8.1437 | 32.5507523 | 16.16 | 14.9262 | 32.6554977 | 16.23 | 19.3069 |
| 32.4461227 | 15.81 | 5.5136 | 32.5508681 | 16.16 | 14.8502 | 32.6556134 | 16.21 | 19.2403 |
| 32.4462384 | 15.8 | 5.0234 | 32.5509838 | 16.16 | 15.1513 | 32.6557292 | 16.21 | 19.2437 |
| 32.4463542 | 15.81 | 6.3665 | 32.5510995 | 16.15 | 15.437 | 32.6558449 | 16.21 | 19.2522 |
| 32.4464699 | 15.81 | 7.2728 | 32.5512153 | 16.15 | 17.2686 | 32.6559607 | 16.2 | 19.2485 |
| 32.4465857 | 15.8 | 5.1552 | 32.551331 | 16.16 | 16.3611 | 32.6560764 | 16.21 | 19.3693 |
| 32.4467014 | 15.84 | 8.4708 | 32.5514468 | 16.16 | 15.9863 | 32.6561921 | 16.21 | 19.3013 |
| 32.4468171 | 15.81 | 6.4012 | 32.5515625 | 16.16 | 16.6574 | 32.6563079 | 16.21 | 19.3149 |
| 32.4469329 | 15.78 | 4.5646 | 32.5516782 | 16.16 | 16.4989 | 32.6564236 | 16.21 | 19.3472 |
| 32.4470486 | 15.77 | 4.1781 | 32.551794 | 16.16 | 16.2247 | 32.6565394 | 16.21 | 19.32 |
| 32.4471644 | 15.78 | 5.3979 | 32.5519097 | 16.16 | 17.1344 | 32.6566551 | 16.21 | 19.3967 |
| 32.4472801 | 15.77 | 4.4303 | 32.5520255 | 16.16 | 17.4925 | 32.6567708 | 16.2 | 19.4632 |
| 32.4473958 | 15.8 | 5.7817 | 32.5521412 | 16.16 | 17.5176 | 32.6568866 | 16.23 | 19.5348 |
| 32.4475116 | 15.78 | 4.8829 | 32.5522569 | 16.16 | 17.1085 | 32.6570023 | 16.21 | 19.8987 |
| 32.4476273 | 15.78 | 4.7095 | 32.5523727 | 16.15 | 17.7216 | 32.6571181 | 16.21 | 19.5792 |
| 32.4477431 | 15.78 | 4.6607 | 32.5524884 | 16.16 | 15.9968 | 32.6572338 | 16.21 | 19.4738 |
| 32.4478588 | 15.84 | 8.7762 | 32.5526042 | 16.16 | 16.2516 | 32.6573495 | 16.21 | 19.5238 |
| 32.4479745 | 15.85 | 8.8124 | 32.5527199 | 16.17 | 16.0339 | 32.6574653 | 16.21 | 19.6574 |
| 32.4480903 | 15.82 | 6.9993 | 32.5528357 | 16.16 | 16.4046 | 32.657581 | 16.21 | 19.5792 |
| 32.448206 | 15.81 | 4.4107 | 32.5529514 | 16.16 | 16.1832 | 32.6576968 | 16.21 | 19.567 |
| 32.4483218 | 15.84 | 3.4192 | 32.5530671 | 16.17 | 16.2637 | 32.6578125 | 16.21 | 19.6313 |
| 32.4484375 | 15.84 | 4.3825 | 32.5531829 | 16.17 | 16.3489 | 32.6579282 | 16.21 | 19.6139 |
| 32.4485532 | 15.85 | 8.3824 | 32.5532986 | 16.17 | 16.4715 | 32.658044 | 16.21 | 19.6854 |
| 32.448669 | 15.85 | 6.7307 | 32.5534144 | 16.17 | 16.4674 | 32.6581597 | 16.23 | 20.0191 |
| 32.4487847 | 15.82 | 6.5352 | 32.5535301 | 16.17 | 16.2314 | 32.6582755 | 16.21 | 19.8455 |
| 32.4489005 | 15.82 | 5.174 | 32.5536458 | 16.17 | 17.0957 | 32.6583912 | 16.2 | 19.6519 |
| 32.4490162 | 15.86 | 9.5558 | 32.5537616 | 16.17 | 16.9972 | 32.6585069 | 16.2 | 19.5719 |
| 32.4491319 | 15.82 | 5.992 | 32.5538773 | 16.17 | 17.4822 | 32.6586227 | 16.21 | 19.6069 |
| 32.4492477 | 15.81 | 6.2526 | 32.5539931 | 16.17 | 16.5249 | 32.6587384 | 16.2 | 19.4753 |
| 32.4493634 | 15.82 | 6.9978 | 32.5541088 | 16.17 | 17.0185 | 32.6588542 | 16.2 | 19.5339 |
| 32.4494792 | 15.8 | 5.567 | 32.5542245 | 16.19 | 16.5043 | 32.6589699 | 16.2 | 19.5875 |
| 32.4495949 | 15.8 | 5.182 | 32.5543403 | 16.17 | 16.7688 | 32.6590857 | 16.2 | 19.565 |
| 32.4497107 | 15.8 | 5.4178 | 32.554456 | 16.17 | 17.8986 | 32.6592014 | 16.19 | 19.5422 |
| 32.4498264 | 15.8 | 4.5551 | 32.5545718 | 16.19 | 15.9704 | 32.6593171 | 16.2 | 19.7025 |
| 32.4499421 | 15.82 | 7.0455 | 32.5546875 | 16.19 | 17.586 | 32.6594329 | 16.2 | 19.5529 |
| 32.4500579 | 15.78 | 3.4659 | 32.5548032 | 16.19 | 16.5483 | 32.6595486 | 16.19 | 19.5146 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4501736 | 15.76 | 3.352 | 32.554919 | 16.2 | 16.3218 | 32.6596644 | 16.19 | 19.4887 |
| 32.4502894 | 15.77 | 3.1098 | 32.5550347 | 16.19 | 16.1791 | 32.6597801 | 16.19 | 19.4458 |
| 32.4504051 | 15.85 | 9.6963 | 32.5551505 | 16.2 | 16.801 | 32.6598958 | 16.19 | 19.4029 |
| 32.4505208 | 15.81 | 5.8956 | 32.5552662 | 16.2 | 13.3737 | 32.6600116 | 16.2 | 19.3742 |
| 32.4506366 | 15.8 | 5.7043 | 32.5553819 | 16.19 | 16.4005 | 32.6601273 | 16.19 | 19.3722 |
| 32.4507523 | 15.81 | 6.1116 | 32.5554977 | 16.2 | 19.9126 | 32.6602431 | 16.19 | 19.4029 |
| 32.4508681 | 15.82 | 7.4521 | 32.5556134 | 16.2 | 15.5389 | 32.6603588 | 16.2 | 19.4084 |
| 32.4509838 | 15.84 | 7.0565 | 32.5557292 | 16.2 | 16.5772 | 32.6604745 | 16.17 | 19.44 |
| 32.4510995 | 15.8 | 5.5316 | 32.5558449 | 16.2 | 19.3691 | 32.6605903 | 16.19 | 19.3415 |
| 32.4512153 | 15.82 | 7.82 | 32.5559607 | 16.2 | 16.9037 | 32.660706 | 16.19 | 19.2838 |
| 32.451331 | 15.84 | 8.5847 | 32.5560764 | 16.2 | 17.6725 | 32.6608218 | 16.16 | 18.855 |
| 32.4514468 | 15.82 | 7.1621 | 32.5561921 | 16.2 | 16.6907 | 32.6609375 | 16.17 | 18.9935 |
| 32.4515625 | 15.84 | 8.13 | 32.5563079 | 16.21 | 13.1433 | 32.6610532 | 16.19 | 19.2957 |
| 32.4516782 | 15.86 | 10.2904 | 32.5564236 | 16.21 | 13.8952 | 32.661169 | 16.19 | 19.2533 |
| 32.451794 | 15.86 | 9.5681 | 32.5565394 | 16.21 | 13.8837 | 32.6612847 | 16.19 | 19.3228 |
| 32.4519097 | 15.87 | 10.9276 | 32.5566551 | 16.21 | 14.0288 | 32.6614005 | 16.2 | 19.422 |
| 32.4520255 | 15.9 | 12.2395 | 32.5567708 | 16.21 | 16.8207 | 32.6615162 | 16.19 | 19.3603 |
| 32.4521412 | 15.91 | 13.5068 | 32.5568866 | 16.21 | 12.2796 | 32.6616319 | 16.19 | 19.2618 |
| 32.4522569 | 15.9 | 12.5868 | 32.5570023 | 16.2 | 17.7732 | 32.6617477 | 16.19 | 19.2991 |
| 32.4523727 | 15.85 | 9.2701 | 32.5571181 | 16.21 | 15.9663 | 32.6618634 | 16.16 | 19.0697 |
| 32.4524884 | 15.85 | 9.0803 | 32.5572338 | 16.2 | 18.3134 | 32.6619792 | 16.16 | 19.1734 |
| 32.4526042 | 15.85 | 9.3577 | 32.5573495 | 16.21 | 13.9688 | 32.6620949 | 16.19 | 19.5422 |
| 32.4527199 | 16.03 | 20.105 | 32.5574653 | 16.2 | 18.2023 | 32.6622107 | 16.19 | 19.6359 |
| 32.4528357 | 15.9 | 11.735 | 32.557581 | 16.21 | 15.8586 | 32.6623264 | 16.17 | 19.2359 |
| 32.4529514 | 15.89 | 11.5335 | 32.5576968 | 16.21 | 11.3815 | 32.6624421 | 16.16 | 19.0947 |
| 32.4530671 | 16.03 | 20.0601 | 32.5578125 | 16.23 | 12.8042 | 32.6625579 | 16.16 | 19.1248 |
| 32.4531829 | 16.02 | 18.3771 | 32.5579282 | 16.21 | 15.006 | 32.6626736 | 16.16 | 19.073 |
| 32.4532986 | 16 | 18.1549 | 32.558044 | 16.21 | 16.2005 | 32.6627894 | 16.15 | 19.2118 |
| 32.4534144 | 15.98 | 17.1024 | 32.5581597 | 16.2 | 16.0843 | 32.6629051 | 16.15 | 19.0778 |
| 32.4535301 | 16 | 17.2782 | 32.5582755 | 16.21 | 17.2703 | 32.6630208 | 16.16 | 19.2864 |
| 32.4536458 | 15.81 | 5.4994 | 32.5583912 | 16.21 | 17.4177 | 32.6631366 | 16.16 | 19.1499 |
| 32.4537616 | 15.93 | 16.9332 | 32.5585069 | 16.21 | 16.8389 | 32.6632523 | 16.15 | 19.0429 |
| 32.4538773 | 15.94 | 14.4154 | 32.5586227 | 16.21 | 15.8311 | 32.6633681 | 16.16 | 19.3662 |
| 32.4539931 | 15.93 | 13.141 | 32.5587384 | 16.21 | 15.8285 | 32.6634838 | 16.16 | 19.2458 |
| 32.4541088 | 15.98 | 17.0553 | 32.5588542 | 16.21 | 16.5208 | 32.6635995 | 16.16 | 19.3067 |
| 32.4542245 | 16.03 | 19.1904 | 32.5589699 | 16.21 | 16.4769 | 32.6637153 | 16.17 | 19.6352 |
| 32.4543403 | 16.02 | 18.4007 | 32.5590857 | 16.21 | 16.4277 | 32.663831 | 16.17 | 19.3155 |
| 32.454456 | 15.94 | 13.0699 | 32.5592014 | 16.2 | 16.4441 | 32.6639468 | 16.16 | 19.1214 |
| 32.4545718 | 16.03 | 18.8051 | 32.5593171 | 16.21 | 13.7877 | 32.6640625 | 16.16 | 19.2104 |
| 32.4546875 | 16.06 | 19.9023 | 32.5594329 | 16.21 | 16.713 | 32.6641782 | 16.16 | 19.3033 |
| 32.4548032 | 16.03 | 18.9674 | 32.5595486 | 16.21 | 16.5387 | 32.664294 | 16.17 | 19.29 |
| 32.454919 | 15.97 | 15.5552 | 32.5596644 | 16.21 | 16.5016 | 32.6644097 | 16.16 | 19.0614 |
| 32.4550347 | 15.95 | 14.1016 | 32.5597801 | 16.21 | 15.2813 | 32.6645255 | 16.16 | 19.0614 |
| 32.4551505 | 15.94 | 13.3661 | 32.5598958 | 16.21 | 15.7127 | 32.6646412 | 16.16 | 19.1248 |
| 32.4552662 | 15.93 | 13.197 | 32.5600116 | 16.23 | 16.319 | 32.6647569 | 16.16 | 19.2037 |
| 32.4553819 | 15.95 | 14.651 | 32.5601273 | 16.21 | 16.6117 | 32.6648727 | 16.16 | 18.8747 |
| 32.4554977 | 15.94 | 14.2748 | 32.5602431 | 16.21 | 18.9514 | 32.6649884 | 16.15 | 18.8204 |
| 32.4556134 | 16.03 | 18.841 | 32.5603588 | 16.21 | 18.0491 | 32.6651042 | 16.15 | 18.6581 |
| 32.4557292 | 15.87 | 9.5587 | 32.5604745 | 16.21 | 17.0372 | 32.6652199 | 16.16 | 19.2492 |
| 32.4558449 | 15.86 | 9.1584 | 32.5605903 | 16.21 | 17.0614 | 32.6653357 | 16.16 | 19.1248 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4559607 | 15.84 | 7.3825 | 32.560706 | 16.21 | 17.0186 | 32.6654514 | 16.13 | 18.4482 |
| 32.4560764 | 15.86 | 9.9458 | 32.5608218 | 16.21 | 16.4277 | 32.6655671 | 16.13 | 18.4181 |
| 32.4561921 | 15.89 | 11.4619 | 32.5609375 | 16.21 | 16.4168 | 32.6656829 | 16.13 | 18.4863 |
| 32.4563079 | 15.9 | 12.2498 | 32.5610532 | 16.21 | 17.5431 | 32.6657986 | 16.15 | 18.7439 |
| 32.4564236 | 15.9 | 12.4212 | 32.561169 | 16.2 | 16.4605 | 32.6659144 | 16.15 | 18.8499 |
| 32.4565394 | 15.87 | 10.85 | 32.5612847 | 16.2 | 16.8502 | 32.6660301 | 16.15 | 18.932 |
| 32.4566551 | 15.91 | 13.4018 | 32.5614005 | 16.21 | 17.5623 | 32.6661458 | 16.15 | 18.827 |
| 32.4567708 | 15.9 | 12.2956 | 32.5615162 | 16.21 | 17.5002 | 32.6662616 | 16.16 | 19.0797 |
| 32.4568866 | 15.91 | 13.1399 | 32.5616319 | 16.21 | 16.6436 | 32.6663773 | 16.15 | 18.6969 |
| 32.4570023 | 15.9 | 11.6515 | 32.5617477 | 16.21 | 16.8066 | 32.6664931 | 16.15 | 18.7976 |
| 32.4571181 | 15.89 | 11.2323 | 32.5618634 | 16.21 | 18.4145 | 32.6666088 | 16.15 | 18.7553 |
| 32.4572338 | 15.87 | 10.9912 | 32.5619792 | 16.21 | 17.4192 | 32.6667245 | 16.16 | 18.819 |
| 32.4573495 | 15.9 | 12.4107 | 32.5620949 | 16.21 | 16.3502 | 32.6668403 | 16.16 | 18.6599 |
| 32.4574653 | 15.91 | 12.839 | 32.5622107 | 16.21 | 17.9539 | 32.666956 | 16.16 | 18.5923 |
| 32.457581 | 15.91 | 13.0972 | 32.5623264 | 16.21 | 17.195 | 32.6670718 | 16.13 | 18.4308 |
| 32.4576968 | 15.93 | 13.7257 | 32.5624421 | 16.21 | 16.2179 | 32.6671875 | 16.13 | 18.4625 |
| 32.4578125 | 15.94 | 14.303 | 32.5625579 | 16.21 | 17.9953 | 32.6673032 | 16.15 | 18.6823 |
| 32.4579282 | 15.94 | 14.7248 | 32.5626736 | 16.21 | 18.2212 | 32.667419 | 16.16 | 18.9174 |
| 32.458044 | 15.98 | 16.8584 | 32.5627894 | 16.21 | 17.1316 | 32.6675347 | 16.16 | 19.0914 |
| 32.4581597 | 15.95 | 15.022 | 32.5629051 | 16.21 | 16.2112 | 32.6676505 | 16.16 | 18.8878 |
| 32.4582755 | 15.95 | 15.4736 | 32.5630208 | 16.21 | 16.5634 | 32.6677662 | 16.16 | 18.9652 |
| 32.4583912 | 15.95 | 15.3961 | 32.5631366 | 16.21 | 15.2386 | 32.6678819 | 16.15 | 18.9287 |
| 32.4585069 | 15.91 | 13.1849 | 32.5632523 | 16.21 | 18.6576 | 32.6679977 | 16.15 | 18.7455 |
| 32.4586227 | 15.95 | 15.2385 | 32.5633681 | 16.21 | 19.0376 | 32.6681134 | 16.16 | 18.8878 |
| 32.4587384 | 15.95 | 15.2348 | 32.5634838 | 16.21 | 18.3829 | 32.6682292 | 16.16 | 18.9917 |
| 32.4588542 | 15.97 | 15.5963 | 32.5635995 | 16.21 | 17.1864 | 32.6683449 | 16.16 | 19.1801 |
| 32.4589699 | 15.97 | 15.8111 | 32.5637153 | 16.21 | 17.5579 | 32.6684607 | 16.17 | 19.2562 |
| 32.4590857 | 15.95 | 15.196 | 32.563831 | 16.21 | 17.0757 | 32.6685764 | 16.17 | 19.2056 |
| 32.4592014 | 15.95 | 15.3885 | 32.5639468 | 16.21 | 16.7172 | 32.6686921 | 16.16 | 19.2492 |
| 32.4593171 | 15.97 | 15.2459 | 32.5640625 | 16.21 | 16.4482 | 32.6688079 | 16.16 | 19.2222 |
| 32.4594329 | 15.95 | 15.0938 | 32.5641782 | 16.21 | 16.7856 | 32.6689236 | 16.16 | 19.0981 |
| 32.4595486 | 15.95 | 15.29 | 32.564294 | 16.21 | 18.6221 | 32.6690394 | 16.16 | 18.9917 |
| 32.4596644 | 15.95 | 15.2536 | 32.5644097 | 16.21 | 18.7955 | 32.6691551 | 16.16 | 19.2104 |
| 32.4597801 | 15.94 | 14.5561 | 32.5645255 | 16.21 | 19.2759 | 32.6692708 | 16.16 | 19.1952 |
| 32.4598958 | 15.94 | 14.2067 | 32.5646412 | 16.21 | 17.5135 | 32.6693866 | 16.16 | 19.2458 |
| 32.4600116 | 15.97 | 16.0491 | 32.5647569 | 16.2 | 16.3584 | 32.6695023 | 16.16 | 19.1667 |
| 32.4601273 | 15.97 | 16.016 | 32.5648727 | 16.2 | 17.7235 | 32.6696181 | 16.15 | 19.0995 |
| 32.4602431 | 15.97 | 15.3504 | 32.5649884 | 16.21 | 17.3781 | 32.6697338 | 16.16 | 19.2256 |
| 32.4603588 | 15.95 | 15.0764 | 32.5651042 | 16.21 | 17.0486 | 32.6698495 | 16.17 | 19.6457 |
| 32.4604745 | 15.97 | 15.4582 | 32.5652199 | 16.21 | 17.2717 | 32.6699653 | 16.17 | 19.5641 |
| 32.4605903 | 15.93 | 13.8581 | 32.5653357 | 16.21 | 16.6713 | 32.670081 | 16.17 | 19.5243 |
| 32.460706 | 15.94 | 14.9789 | 32.5654514 | 16.21 | 18.0861 | 32.6701968 | 16.17 | 19.6579 |
| 32.4608218 | 15.95 | 15.1722 | 32.5655671 | 16.21 | 18.7304 | 32.6703125 | 16.19 | 19.8112 |
| 32.4609375 | 15.95 | 15.4354 | 32.5656829 | 16.21 | 18.3734 | 32.6704282 | 16.19 | 19.9443 |
| 32.4610532 | 15.95 | 15.0208 | 32.5657986 | 16.21 | 17.8155 | 32.670544 | 16.21 | 20.1156 |
| 32.461169 | 15.97 | 15.7136 | 32.5659144 | 16.21 | 19.0492 | 32.6706597 | 16.2 | 20.0126 |
| 32.4612847 | 15.97 | 15.5834 | 32.5660301 | 16.21 | 19.7749 | 32.6707755 | 16.21 | 20.3197 |
| 32.4614005 | 15.97 | 15.6684 | 32.5661458 | 16.2 | 18.8313 | 32.6708912 | 16.21 | 20.103 |
| 32.4615162 | 15.97 | 15.7616 | 32.5662616 | 16.21 | 19.3591 | 32.6710069 | 16.19 | 19.8324 |
| 32.4616319 | 15.98 | 17.2131 | 32.5663773 | 16.2 | 17.475 | 32.6711227 | 16.17 | 19.7893 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4617477 | 15.98 | 16.6936 | 32.5664931 | 16.21 | 17.3869 | 32.6712384 | 16.19 | 19.9336 |
| 32.4618634 | 15.95 | 15.1361 | 32.5666088 | 16.21 | 17.6263 | 32.6713542 | 16.21 | 20.1936 |
| 32.4619792 | 15.97 | 15.8072 | 32.5667245 | 16.21 | 17.9158 | 32.6714699 | 16.19 | 19.9818 |
| 32.4620949 | 15.97 | 15.9711 | 32.5668403 | 16.21 | 18.312 | 32.6715857 | 16.17 | 19.8423 |
| 32.4622107 | 15.98 | 15.8777 | 32.566956 | 16.21 | 19.0526 | 32.6717014 | 16.19 | 20.0355 |
| 32.4623264 | 15.97 | 16.1864 | 32.5670718 | 16.23 | 19.273 | 32.6718171 | 16.17 | 19.9382 |
| 32.4624421 | 15.97 | 15.6516 | 32.5671875 | 16.21 | 18.7174 | 32.6719329 | 16.19 | 20.0589 |
| 32.4625579 | 15.95 | 14.5969 | 32.5673032 | 16.21 | 19.116 | 32.6720486 | 16.2 | 20.393 |
| 32.4626736 | 15.94 | 14.5107 | 32.567419 | 16.21 | 19.3625 | 32.6721644 | 16.2 | 20.2789 |
| 32.4627894 | 15.98 | 17.3655 | 32.5675347 | 16.21 | 19.1177 | 32.6722801 | 16.19 | 20.014 |
| 32.4629051 | 15.95 | 14.2548 | 32.5676505 | 16.21 | 18.6479 | 32.6723958 | 16.19 | 20.0015 |
| 32.4630208 | 15.91 | 13.1937 | 32.5677662 | 16.2 | 18.7823 | 32.6725116 | 16.19 | 20.0355 |
| 32.4631366 | 15.95 | 15.5438 | 32.5678819 | 16.21 | 18.5451 | 32.6726273 | 16.17 | 20.0007 |
| 32.4632523 | 15.94 | 14.6631 | 32.5679977 | 16.21 | 19.0676 | 32.6727431 | 16.16 | 19.6785 |
| 32.4633681 | 15.98 | 16.6686 | 32.5681134 | 16.21 | 18.4956 | 32.6728588 | 16.17 | 19.9435 |
| 32.4634838 | 15.98 | 17.0481 | 32.5682292 | 16.21 | 17.9097 | 32.6729745 | 16.19 | 20.171 |
| 32.4635995 | 16 | 18.9421 | 32.5683449 | 16.21 | 16.9845 | 32.6730903 | 16.19 | 19.7759 |
| 32.4637153 | 16.04 | 19.7762 | 32.5684607 | 16.21 | 17.6891 | 32.673206 | 16.15 | 19.491 |
| 32.463831 | 15.99 | 16.5801 | 32.5685764 | 16.21 | 17.8686 | 32.6733218 | 16.16 | 19.668 |
| 32.4639468 | 15.98 | 16.3101 | 32.5686921 | 16.21 | 17.7416 | 32.6734375 | 16.17 | 19.9382 |
| 32.4640625 | 15.98 | 16.1556 | 32.5688079 | 16.2 | 18.0397 | 32.6735532 | 16.19 | 20.3648 |
| 32.4641782 | 16.02 | 18.2359 | 32.5689236 | 16.21 | 17.9907 | 32.673669 | 16.19 | 20.4313 |
| 32.464294 | 15.93 | 13.2952 | 32.5690394 | 16.21 | 18.2212 | 32.6737847 | 16.21 | 20.9579 |
| 32.4644097 | 15.82 | 5.1296 | 32.5691551 | 16.21 | 18.9415 | 32.6739005 | 16.21 | 20.8906 |
| 32.4645255 | 15.87 | 10.6711 | 32.5692708 | 16.23 | 18.1731 | 32.6740162 | 16.2 | 20.5771 |
| 32.4646412 | 15.87 | 10.8041 | 32.5693866 | 16.2 | 17.2325 | 32.6741319 | 16.19 | 20.4963 |
| 32.4647569 | 15.93 | 13.8214 | 32.5695023 | 16.21 | 19.5342 | 32.6742477 | 16.19 | 20.2749 |
| 32.4648727 | 15.97 | 16.181 | 32.5696181 | 16.23 | 19.5919 | 32.6743634 | 16.19 | 20.2712 |
| 32.4649884 | 15.98 | 16.5994 | 32.5697338 | 16.21 | 19.3711 | 32.6744792 | 16.15 | 19.9821 |
| 32.4651042 | 15.98 | 16.2602 | 32.5698495 | 16.21 | 19.2302 | 32.6745949 | 16.15 | 19.5583 |
| 32.4652199 | 15.99 | 17.2942 | 32.5699653 | 16.21 | 18.2212 | 32.6747107 | 16.15 | 19.7114 |
| 32.4653357 | 16 | 18.0285 | 32.570081 | 16.23 | 21.0093 | 32.6748264 | 16.13 | 19.2366 |
| 32.4654514 | 16 | 17.737 | 32.5701968 | 16.23 | 9.4026 | 32.6749421 | 16.13 | 19.2298 |
| 32.4655671 | 15.98 | 16.4213 | 32.5703125 | 16.21 | 19.6383 | 32.6750579 | 16.11 | 19.1638 |
| 32.4656829 | 16.15 | 22.0623 | 32.5704282 | 16.21 | 20.2483 | 32.6751736 | 16.11 | 19.1856 |
| 32.4657986 | 15.91 | 10.9975 | 32.570544 | 16.21 | 19.2471 | 32.6752894 | 16.12 | 19.2498 |
| 32.4659144 | 16.02 | 18.2344 | 32.5706597 | 16.23 | 19.6738 | 32.6754051 | 16.11 | 19.1403 |
| 32.4660301 | 15.98 | 16.8838 | 32.5707755 | 16.23 | 18.8302 | 32.6755208 | 16.11 | 19.0702 |
| 32.4661458 | 16.02 | 18.4149 | 32.5708912 | 16.21 | 18.1838 | 32.6756366 | 16.12 | 19.2803 |
| 32.4662616 | 16.1 | 21.5368 | 32.5710069 | 16.23 | 17.3446 | 32.6757523 | 16.13 | 19.4355 |
| 32.4663773 | 16.11 | 21.6162 | 32.5711227 | 16.23 | 16.7955 | 32.6758681 | 16.13 | 19.4715 |
| 32.4664931 | 15.99 | 15.3036 | 32.5712384 | 16.23 | 12.6441 | 32.6759838 | 16.13 | 19.5283 |
| 32.4666088 | 15.9 | 12.3572 | 32.5713542 | 16.23 | 19.0897 | 32.6760995 | 16.13 | 19.5335 |
| 32.4667245 | 15.87 | 7.2316 | 32.5714699 | 16.23 | 20.2327 | 32.6762153 | 16.13 | 19.5715 |
| 32.4668403 | 15.78 | 2.7756 | 32.5715857 | 16.23 | 20.1291 | 32.676331 | 16.13 | 19.6062 |
| 32.466956 | 15.94 | 15.0914 | 32.5717014 | 16.23 | 19.8179 | 32.6764468 | 16.13 | 19.4543 |
| 32.4670718 | 16.11 | 22.2343 | 32.5718171 | 16.23 | 17.6608 | 32.6765625 | 16.13 | 19.5958 |
| 32.4671875 | 16.19 | 24.064 | 32.5719329 | 16.24 | 16.7172 | 32.6766782 | 16.15 | 19.7675 |
| 32.4673032 | 16.17 | 23.5651 | 32.5720486 | 16.24 | 15.626 | 32.676794 | 16.15 | 19.7114 |
| 32.467419 | 16.16 | 23.0714 | 32.5721644 | 16.24 | 19.7214 | 32.6769097 | 16.15 | 19.645 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4675347 | 16.16 | 22.2023 | 32.5722801 | 16.24 | 18.1935 | 32.6770255 | 16.13 | 19.3552 |
| 32.4676505 | 16.07 | 19.2031 | 32.5723958 | 16.24 | 19.2395 | 32.6771412 | 16.13 | 19.3808 |
| 32.4677662 | 15.98 | 14.0608 | 32.5725116 | 16.24 | 18.7148 | 32.6772569 | 16.13 | 19.3859 |
| 32.4678819 | 16.1 | 21.8857 | 32.5726273 | 16.24 | 17.198 | 32.6773727 | 16.11 | 19.0786 |
| 32.4679977 | 16.21 | 24.6346 | 32.5727431 | 16.24 | 20.4392 | 32.6774884 | 16.11 | 18.9773 |
| 32.4681134 | 16.23 | 24.4838 | 32.5728588 | 16.24 | 18.0187 | 32.6776042 | 16.11 | 18.9889 |
| 32.4682292 | 16.11 | 20.3687 | 32.5729745 | 16.23 | 18.2762 | 32.6777199 | 16.13 | 19.4938 |
| 32.4683449 | 16.03 | 17.1182 | 32.5730903 | 16.24 | 19.1084 | 32.6778357 | 16.16 | 19.7626 |
| 32.4684607 | 16.13 | 20.9055 | 32.573206 | 16.24 | 20.3874 | 32.6779514 | 16.15 | 19.4138 |
| 32.4685764 | 16.02 | 15.7393 | 32.5733218 | 16.23 | 20.5692 | 32.6780671 | 16.15 | 19.6085 |
| 32.4686921 | 16.15 | 22.5732 | 32.5734375 | 16.24 | 20.5416 | 32.6781829 | 16.13 | 19.4475 |
| 32.4688079 | 16.06 | 18.0983 | 32.5735532 | 16.24 | 20.6411 | 32.6782986 | 16.13 | 19.3671 |
| 32.4689236 | 16.12 | 21.5845 | 32.573669 | 16.24 | 20.1985 | 32.6784144 | 16.16 | 19.5638 |
| 32.4690394 | 16.19 | 23.9454 | 32.5737847 | 16.24 | 18.5105 | 32.6785301 | 16.15 | 19.4686 |
| 32.4691551 | 16.2 | 23.9394 | 32.5739005 | 16.24 | 20.3155 | 32.6786458 | 16.15 | 19.5462 |
| 32.4692708 | 16.08 | 18.1589 | 32.5740162 | 16.24 | 19.04 | 32.6787616 | 16.16 | 19.8756 |
| 32.4693866 | 16.21 | 24.3415 | 32.5741319 | 16.24 | 19.0167 | 32.6788773 | 16.17 | 19.9221 |
| 32.4695023 | 16.13 | 21.7931 | 32.5742477 | 16.24 | 19.095 | 32.6789931 | 16.15 | 19.6363 |
| 32.4696181 | 16.08 | 20.0278 | 32.5743634 | 16.23 | 17.1951 | 32.6791088 | 16.15 | 19.3984 |
| 32.4697338 | 16.08 | 19.9083 | 32.5744792 | 16.23 | 17.622 | 32.6792245 | 16.15 | 19.503 |
| 32.4698495 | 16.1 | 20.5649 | 32.5745949 | 16.24 | 18.3739 | 32.6793403 | 16.16 | 19.7187 |
| 32.4699653 | 16.13 | 21.8466 | 32.5747107 | 16.24 | 19.0167 | 32.679456 | 16.16 | 19.6471 |
| 32.470081 | 16.19 | 23.3095 | 32.5748264 | 16.24 | 20.1367 | 32.6795718 | 16.15 | 19.4138 |
| 32.4701968 | 16.08 | 19.3488 | 32.5749421 | 16.24 | 19.6514 | 32.6796875 | 16.15 | 19.4377 |
| 32.4703125 | 16.13 | 21.8425 | 32.5750579 | 16.24 | 18.8879 | 32.6798032 | 16.16 | 19.6872 |
| 32.4704282 | 16.15 | 22.4777 | 32.5751736 | 16.23 | 18.7976 | 32.679919 | 16.15 | 19.5306 |
| 32.470544 | 16.16 | 22.4267 | 32.5752894 | 16.23 | 18.9469 | 32.6800347 | 16.15 | 19.5272 |
| 32.4706597 | 16.1 | 19.5671 | 32.5754051 | 16.21 | 18.9614 | 32.6801505 | 16.15 | 19.7149 |
| 32.4707755 | 16 | 14.3051 | 32.5755208 | 16.21 | 19.0276 | 32.6802662 | 16.16 | 19.9111 |
| 32.4708912 | 16.02 | 16.6894 | 32.5756366 | 16.21 | 19.0459 | 32.6803819 | 16.16 | 19.7538 |
| 32.4710069 | 16.07 | 18.7165 | 32.5757523 | 16.21 | 19.1545 | 32.6804977 | 16.13 | 19.5559 |
| 32.4711227 | 16.15 | 22.1866 | 32.5758681 | 16.23 | 19.2781 | 32.6806134 | 16.15 | 19.6207 |
| 32.4712384 | 16.13 | 21.8693 | 32.5759838 | 16.23 | 19.559 | 32.6807292 | 16.13 | 19.4663 |
| 32.4713542 | 16.11 | 20.5822 | 32.5760995 | 16.23 | 19.7509 | 32.6808449 | 16.13 | 19.4938 |
| 32.4714699 | 16.1 | 20.0789 | 32.5762153 | 16.23 | 20.2839 | 32.6809607 | 16.13 | 19.3893 |
| 32.4715857 | 16.13 | 22.1829 | 32.576331 | 16.24 | 20.5903 | 32.6810764 | 16.13 | 19.6149 |
| 32.4717014 | 16.13 | 21.6561 | 32.5764468 | 16.23 | 20.2199 | 32.6811921 | 16.16 | 19.826 |
| 32.4718171 | 16.15 | 21.6575 | 32.5765625 | 16.23 | 19.9887 | 32.6813079 | 16.15 | 19.8028 |
| 32.4719329 | 16.17 | 22.6647 | 32.5766782 | 16.21 | 19.6209 | 32.6814236 | 16.15 | 19.7482 |
| 32.4720486 | 16.16 | 22.215 | 32.576794 | 16.21 | 19.9736 | 32.6815394 | 16.13 | 19.6079 |
| 32.4721644 | 16.13 | 21.6236 | 32.5769097 | 16.21 | 18.19 | 32.6816551 | 16.13 | 19.4269 |
| 32.4722801 | 16.11 | 20.0954 | 32.5770255 | 16.21 | 20.2794 | 32.6817708 | 16.15 | 19.8186 |
| 32.4723958 | 16.1 | 19.6661 | 32.5771412 | 16.19 | 17.7009 | 32.6818866 | 16.15 | 19.6485 |
| 32.4725116 | 16.11 | 20.2825 | 32.5772569 | 16.2 | 18.828 | 32.6820023 | 16.12 | 19.3907 |
| 32.4726273 | 16.12 | 20.9511 | 32.5773727 | 16.2 | 18.6461 | 32.6821181 | 16.12 | 19.4061 |
| 32.4727431 | 16.11 | 20.4444 | 32.5774884 | 16.17 | 16.8726 | 32.6822338 | 16.12 | 19.4953 |
| 32.4728588 | 16.11 | 20.215 | 32.5776042 | 16.17 | 16.5469 | 32.6823495 | 16.13 | 19.5059 |
| 32.4729745 | 16.1 | 20.0915 | 32.5777199 | 16.2 | 18.086 | 32.6824653 | 16.1 | 19.1301 |
| 32.4730903 | 16.08 | 19.7074 | 32.5778357 | 16.2 | 18.326 | 32.682581 | 16.11 | 19.3411 |
| 32.473206 | 16.07 | 19.2722 | 32.5779514 | 16.21 | 18.7061 | 32.6826968 | 16.12 | 19.4249 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4733218 | 16.07 | 19.2048 | 32.5780671 | 16.23 | 19.073 | 32.6828125 | 16.12 | 19.26 |
| 32.4734375 | 16.07 | 19.096 | 32.5781829 | 16.19 | 12.6514 | 32.6829282 | 16.13 | 19.3365 |
| 32.4735532 | 16.04 | 17.7418 | 32.5782986 | 16.17 | 3.3785 | 32.683044 | 16.13 | 19.3246 |
| 32.473669 | 16.04 | 18.015 | 32.5784144 | 16.17 | 7.1529 | 32.6831597 | 16.13 | 19.6027 |
| 32.4737847 | 16.06 | 18.9466 | 32.5785301 | 16.15 | 3.9575 | 32.6832755 | 16.15 | 19.4996 |
| 32.4739005 | 16.07 | 18.6229 | 32.5786458 | 16.17 | 5.0179 | 32.6833912 | 16.16 | 19.8102 |
| 32.4740162 | 16.03 | 17.3452 | 32.5787616 | 16.2 | 7.0028 | 32.6835069 | 16.15 | 19.8116 |
| 32.4741319 | 16.04 | 18.5503 | 32.5788773 | 16.23 | 14.2057 | 32.6836227 | 16.13 | 19.1928 |
| 32.4742477 | 16.1 | 20.22 | 32.5789931 | 16.21 | 8.7735 | 32.6837384 | 16.13 | 19.362 |
| 32.4743634 | 16.1 | 20.4755 | 32.5791088 | 16.2 | 4.9754 | 32.6838542 | 16.13 | 19.2518 |
| 32.4744792 | 16.06 | 18.8138 | 32.5792245 | 16.19 | 5.6987 | 32.6839699 | 16.1 | 18.7381 |
| 32.4745949 | 16.1 | 20.3886 | 32.5793403 | 16.2 | 3.6407 | 32.6840857 | 16.1 | 18.5929 |
| 32.4747107 | 16.03 | 17.4741 | 32.579456 | 16.21 | 5.4211 | 32.6842014 | 16.1 | 18.6605 |
| 32.4748264 | 16.03 | 17.4432 | 32.5795718 | 16.24 | 4.8586 | 32.6843171 | 16.11 | 19.0403 |
| 32.4749421 | 16.08 | 19.8268 | 32.5796875 | 16.24 | 8.7894 | 32.6844329 | 16.1 | 18.7105 |
| 32.4750579 | 16.03 | 17.3978 | 32.5798032 | 16.25 | 6.0333 | 32.6845486 | 16.1 | 18.7608 |
| 32.4751736 | 16.11 | 21.0104 | 32.579919 | 16.25 | 4.3419 | 32.6846644 | 16.13 | 19.8444 |
| 32.4752894 | 16.12 | 21.4878 | 32.5800347 | 16.25 | 6.7942 | 32.6847801 | 16.12 | 19.3108 |
| 32.4754051 | 16.13 | 21.791 | 32.5801505 | 16.24 | 13.252 | 32.6848958 | 16.12 | 19.0804 |
| 32.4755208 | 16.12 | 20.7428 | 32.5802662 | 16.28 | 21.8287 | 32.6850116 | 16.11 | 18.9147 |
| 32.4756366 | 16.12 | 21.3938 | 32.5803819 | 16.28 | 23.6155 | 32.6851273 | 16.12 | 19.4489 |
| 32.4757523 | 16.15 | 22.0351 | 32.5804977 | 16.29 | 20.27 | 32.6852431 | 16.13 | 19.4081 |
| 32.4758681 | 16.1 | 20.925 | 32.5806134 | 16.28 | 16.9591 | 32.6853588 | 16.11 | 19.3411 |
| 32.4759838 | 16.12 | 21.0361 | 32.5807292 | 16.28 | 13.7012 | 32.6854745 | 16.11 | 19.0337 |
| 32.4760995 | 16.02 | 15.3527 | 32.5808449 | 16.28 | 19.721 | 32.6855903 | 16.11 | 19.0736 |
| 32.4762153 | 15.99 | 14.6291 | 32.5809607 | 16.28 | 15.4061 | 32.685706 | 16.12 | 19.287 |
| 32.476331 | 16.07 | 19.1645 | 32.5810764 | 16.29 | 20.4211 | 32.6858218 | 16.12 | 19.1993 |
| 32.4764468 | 16.06 | 19.3585 | 32.5811921 | 16.28 | 19.1529 | 32.6859375 | 16.12 | 19.4867 |
| 32.4765625 | 16.06 | 18.1215 | 32.5813079 | 16.28 | 19.2541 | 32.6860532 | 16.12 | 19.5574 |
| 32.4766782 | 16.03 | 17.5302 | 32.5814236 | 16.28 | 18.2081 | 32.686169 | 16.11 | 19.0486 |
| 32.476794 | 16.02 | 15.6153 | 32.5815394 | 16.28 | 18.0268 | 32.6862847 | 16.13 | 19.7809 |
| 32.4769097 | 15.99 | 14.8474 | 32.5816551 | 16.29 | 17.5629 | 32.6864005 | 16.12 | 19.3907 |
| 32.4770255 | 15.98 | 14.2982 | 32.5817708 | 16.29 | 18.1072 | 32.6865162 | 16.12 | 19.3515 |
| 32.4771412 | 16 | 15.4797 | 32.5818866 | 16.28 | 19.0027 | 32.6866319 | 16.11 | 19.3496 |
| 32.4772569 | 16 | 15.7576 | 32.5820023 | 16.28 | 18.9398 | 32.6867477 | 16.13 | 19.5128 |
| 32.4773727 | 16.03 | 18.571 | 32.5821181 | 16.29 | 18.5161 | 32.6868634 | 16.13 | 19.4818 |
| 32.4774884 | 16 | 16.0278 | 32.5822338 | 16.29 | 17.5912 | 32.6869792 | 16.13 | 19.7686 |
| 32.4776042 | 15.99 | 15.7811 | 32.5823495 | 16.29 | 16.9011 | 32.6870949 | 16.12 | 19.7542 |
| 32.4777199 | 16.06 | 19.0259 | 32.5824653 | 16.29 | 17.4314 | 32.6872107 | 16.13 | 19.8657 |
| 32.4778357 | 16.06 | 18.634 | 32.582581 | 16.29 | 17.5689 | 32.6873264 | 16.15 | 20.275 |
| 32.4779514 | 16.11 | 21.2151 | 32.5826968 | 16.29 | 18.0933 | 32.6874421 | 16.13 | 19.8303 |
| 32.4780671 | 16.08 | 19.7266 | 32.5828125 | 16.28 | 19.3253 | 32.6875579 | 16.12 | 19.5851 |
| 32.4781829 | 16.02 | 17.0696 | 32.5829282 | 16.28 | 20.0823 | 32.6876736 | 16.13 | 19.6933 |
| 32.4782986 | 16.02 | 17.0012 | 32.583044 | 16.28 | 18.7872 | 32.6877894 | 16.12 | 19.7385 |
| 32.4784144 | 16.03 | 17.7643 | 32.5831597 | 16.26 | 17.703 | 32.6879051 | 16.13 | 20.1468 |
| 32.4785301 | 16.07 | 19.7596 | 32.5832755 | 16.28 | 19.0509 | 32.6880208 | 16.16 | 20.4096 |
| 32.4786458 | 16.1 | 20.8235 | 32.5833912 | 16.26 | 17.8115 | 32.6881366 | 16.13 | 19.9635 |
| 32.4787616 | 16.11 | 20.9833 | 32.5835069 | 16.28 | 17.4211 | 32.6882523 | 16.15 | 20.2039 |
| 32.4788773 | 16.1 | 20.7475 | 32.5836227 | 16.29 | 17.3567 | 32.6883681 | 16.13 | 20.1016 |
| 32.4789931 | 16.07 | 18.9848 | 32.5837384 | 16.29 | 17.6016 | 32.6884838 | 16.12 | 19.8053 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4791088 | 16.08 | 19.8251 | 32.5838542 | 16.29 | 18.0933 | 32.6885995 | 16.12 | 19.679 |
| 32.4792245 | 16.1 | 20.4495 | 32.5839699 | 16.28 | 17.993 | 32.6887153 | 16.11 | 19.5536 |
| 32.4793403 | 16.08 | 20.0278 | 32.5840857 | 16.28 | 17.1104 | 32.688831 | 16.11 | 19.7119 |
| 32.479456 | 16.11 | 21.0997 | 32.5842014 | 16.28 | 16.7145 | 32.6889468 | 16.12 | 19.8176 |
| 32.4795718 | 16.08 | 19.5631 | 32.5843171 | 16.29 | 16.9336 | 32.6890625 | 16.12 | 19.9221 |
| 32.4796875 | 16.08 | 19.848 | 32.5844329 | 16.29 | 17.0703 | 32.6891782 | 16.11 | 19.609 |
| 32.4798032 | 16.08 | 20.0889 | 32.5845486 | 16.29 | 15.476 | 32.689294 | 16.11 | 19.616 |
| 32.479919 | 16.08 | 20.2904 | 32.5846644 | 16.25 | 9.4467 | 32.6894097 | 16.08 | 18.9552 |
| 32.4800347 | 16.08 | 19.9902 | 32.5847801 | 16.26 | 11.8037 | 32.6895255 | 16.1 | 19.2696 |
| 32.4801505 | 16.08 | 20.0925 | 32.5848958 | 16.28 | 17.839 | 32.6896412 | 16.1 | 19.3612 |
| 32.4802662 | 16.1 | 20.3462 | 32.5850116 | 16.26 | 20.5932 | 32.6897569 | 16.1 | 19.1317 |
| 32.4803819 | 16.07 | 19.568 | 32.5851273 | 16.26 | 20.114 | 32.6898727 | 16.08 | 18.6795 |
| 32.4804977 | 16.06 | 18.7082 | 32.5852431 | 16.25 | 21.7956 | 32.6899884 | 16.1 | 19.2106 |
| 32.4806134 | 16.06 | 18.5762 | 32.5853588 | 16.24 | 13.0255 | 32.6901042 | 16.1 | 18.8948 |
| 32.4807292 | 16.06 | 18.9186 | 32.5854745 | 16.25 | 18.5186 | 32.6902199 | 16.11 | 19.2732 |
| 32.4808449 | 16.07 | 19.3417 | 32.5855903 | 16.25 | 17.6729 | 32.6903357 | 16.1 | 19.2848 |
| 32.4809607 | 16.07 | 19.5352 | 32.585706 | 16.25 | 18.2045 | 32.6904514 | 16.1 | 19.1938 |
| 32.4810764 | 16.07 | 19.6304 | 32.5858218 | 16.25 | 19.5371 | 32.6905671 | 16.12 | 19.8955 |
| 32.4811921 | 16.07 | 19.5992 | 32.5859375 | 16.25 | 20.7856 | 32.6906829 | 16.12 | 19.6076 |
| 32.4813079 | 16.1 | 20.2291 | 32.5860532 | 16.25 | 22.0618 | 32.6907986 | 16.1 | 19.2207 |
| 32.4814236 | 16.08 | 20.2174 | 32.586169 | 16.26 | 21.3768 | 32.6909144 | 16.11 | 19.3683 |
| 32.4815394 | 16.1 | 20.3425 | 32.5862847 | 16.25 | 18.4469 | 32.6910301 | 16.1 | 19.4004 |
| 32.4816551 | 16.1 | 20.522 | 32.5864005 | 16.25 | 19.3177 | 32.6911458 | 16.11 | 19.4486 |
| 32.4817708 | 16.1 | 20.7096 | 32.5865162 | 16.26 | 19.2096 | 32.6912616 | 16.11 | 19.6247 |
| 32.4818866 | 16.11 | 20.8527 | 32.5866319 | 16.25 | 19.5856 | 32.6913773 | 16.11 | 19.5036 |
| 32.4820023 | 16.1 | 20.6342 | 32.5867477 | 16.25 | 19.6605 | 32.6914931 | 16.1 | 19.0717 |
| 32.4821181 | 16.1 | 20.4625 | 32.5868634 | 16.25 | 19.5735 | 32.6916088 | 16.1 | 19.3306 |
| 32.4822338 | 16.1 | 20.5444 | 32.5869792 | 16.25 | 19.0952 | 32.6917245 | 16.13 | 20.0728 |
| 32.4823495 | 16.1 | 20.7304 | 32.5870949 | 16.25 | 18.6745 | 32.6918403 | 16.12 | 19.8264 |
| 32.4824653 | 16.1 | 20.687 | 32.5872107 | 16.25 | 18.2311 | 32.691956 | 16.12 | 20.0132 |
| 32.482581 | 16.1 | 20.7002 | 32.5873264 | 16.25 | 17.866 | 32.6920718 | 16.12 | 19.8901 |
| 32.4826968 | 16.11 | 20.8718 | 32.5874421 | 16.25 | 19.7112 | 32.6921875 | 16.11 | 19.609 |
| 32.4828125 | 16.11 | 20.8929 | 32.5875579 | 16.25 | 21.0805 | 32.6923032 | 16.12 | 19.931 |
| 32.4829282 | 16.12 | 21.1002 | 32.5876736 | 16.25 | 20.4304 | 32.692419 | 16.02 | 17.9155 |
| 32.483044 | 16.11 | 21.2604 | 32.5877894 | 16.26 | 16.8629 | 32.6925347 | 16.1 | 19.5897 |
| 32.4831597 | 16.12 | 21.3322 | 32.5879051 | 16.25 | 16.2179 | 32.6926505 | 16.13 | 20.449 |
| 32.4832755 | 16.12 | 21.4918 | 32.5880208 | 16.25 | 14.9811 | 32.6927662 | 16.1 | 18.9458 |
| 32.4833912 | 16.12 | 21.7636 | 32.5881366 | 16.26 | 14.082 | 32.6928819 | 16.08 | 18.4506 |
| 32.4835069 | 16.13 | 21.826 | 32.5882523 | 16.26 | 16.62 | 32.6929977 | 16.1 | 19.0235 |
| 32.4836227 | 16.13 | 21.973 | 32.5883681 | 16.25 | 18.6325 | 32.6931134 | 16.08 | 18.5095 |
| 32.4837384 | 16.13 | 22.1112 | 32.5884838 | 16.25 | 19.7569 | 32.6932292 | 16.08 | 18.6054 |
| 32.4838542 | 16.15 | 22.3571 | 32.5885995 | 16.25 | 19.2668 | 32.6933449 | 16.1 | 19.251 |
| 32.4839699 | 16.13 | 22.3854 | 32.5887153 | 16.26 | 15.2183 | 32.6934607 | 16.11 | 19.464 |
| 32.4840857 | 16.15 | 22.4669 | 32.588831 | 16.28 | 10.4496 | 32.6935764 | 16.15 | 20.4648 |
| 32.4842014 | 16.15 | 22.4864 | 32.5889468 | 16.28 | 10.3874 | 32.6936921 | 16.1 | 19.0867 |
| 32.4843171 | 16.15 | 22.5232 | 32.5890625 | 16.26 | 15.4201 | 32.6938079 | 16.12 | 19.6354 |
| 32.4844329 | 16.16 | 22.5785 | 32.5891782 | 16.26 | 16.58 | 32.6939236 | 16.12 | 19.8106 |
| 32.4845486 | 16.15 | 22.2354 | 32.589294 | 16.26 | 17.5405 | 32.6940394 | 16.1 | 18.9937 |
| 32.4846644 | 16.13 | 22.0315 | 32.5894097 | 16.25 | 19.2043 | 32.6941551 | 16.11 | 19.2766 |
| 32.4847801 | 16.15 | 22.3015 | 32.5895255 | 16.26 | 10.097 | 32.6942708 | 16.11 | 19.4486 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4848958 | 16.15 | 22.2929 | 32.5896412 | 16.26 | 10.5903 | 32.6943866 | 16.15 | 20.4685 |
| 32.4850116 | 16.15 | 22.1359 | 32.5897569 | 16.26 | 12.406 | 32.6945023 | 16.1 | 19.1418 |
| 32.4851273 | 16.13 | 21.8445 | 32.5898727 | 16.26 | 13.9491 | 32.6946181 | 16.08 | 19.3948 |
| 32.4852431 | 16.15 | 22.1655 | 32.5899884 | 16.25 | 14.2115 | 32.6947338 | 16.1 | 19.6574 |
| 32.4853588 | 16.15 | 22.2652 | 32.5901042 | 16.25 | 16.6769 | 32.6948495 | 15.81 | 20.4946 |
| 32.4854745 | 16.15 | 22.3528 | 32.5902199 | 16.26 | 19.213 | 32.6949653 | 16.1 | 20.563 |

DrEx 115

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 32.3503472 | 15.57 | 5.3875 | 32.4684028 | 16.21 | 26.754 | 32.5863426 | 16.31 | 20.3709 |
| 32.350463 | 15.62 | 6.2573 | 32.4685185 | 16.21 | 26.6565 | 32.5864583 | 16.31 | 19.6612 |
| 32.3505787 | 15.62 | 5.7058 | 32.4686343 | 16.21 | 26.4532 | 32.5865741 | 16.3 | 20.9562 |
| 32.3506944 | 15.62 | 5.5054 | 32.46875 | 16.2 | 26.026 | 32.5866898 | 16.3 | 22.4712 |
| 32.3508102 | 15.65 | 5.6792 | 32.4688657 | 16.21 | 26.5252 | 32.5868056 | 16.3 | 22.6086 |
| 32.3509259 | 15.67 | 6.694 | 32.4689815 | 16.21 | 26.5149 | 32.5869213 | 16.3 | 21.7056 |
| 32.3510417 | 15.64 | 5.378 | 32.4690972 | 16.21 | 26.5941 | 32.587037 | 16.3 | 21.2242 |
| 32.3511574 | 15.65 | 5.6131 | 32.469213 | 16.21 | 26.5149 | 32.5871528 | 16.3 | 20.9667 |
| 32.3512732 | 15.67 | 5.1073 | 32.4693287 | 16.21 | 26.6634 | 32.5872685 | 16.3 | 21.5463 |
| 32.3513889 | 15.68 | 6.6263 | 32.4694444 | 16.21 | 26.5562 | 32.5873843 | 16.3 | 21.0659 |
| 32.3515046 | 15.71 | 6.9952 | 32.4695602 | 16.21 | 26.5252 | 32.5875 | 16.3 | 20.6201 |
| 32.3516204 | 15.77 | 10.254 | 32.4696759 | 16.21 | 26.7715 | 32.5876157 | 16.31 | 20.2962 |
| 32.3517361 | 15.75 | 9.1379 | 32.4697917 | 16.2 | 24.3978 | 32.5877315 | 16.3 | 22.3115 |
| 32.3518519 | 15.8 | 11.9319 | 32.4699074 | 16.22 | 26.7055 | 32.5878472 | 16.28 | 22.7267 |
| 32.3519676 | 15.74 | 7.6055 | 32.4700232 | 16.21 | 26.2396 | 32.587963 | 16.28 | 22.1135 |
| 32.3520833 | 15.8 | 9.602 | 32.4701389 | 16.21 | 26.6357 | 32.5880787 | 16.28 | 22.6125 |
| 32.3521991 | 15.85 | 13.7887 | 32.4702546 | 16.21 | 25.7317 | 32.5881944 | 16.28 | 22.0291 |
| 32.3523148 | 15.77 | 8.3052 | 32.4703704 | 16.21 | 26.5149 | 32.5883102 | 16.28 | 22.8497 |
| 32.3524306 | 15.77 | 9.166 | 32.4704861 | 16.22 | 26.4637 | 32.5884259 | 16.28 | 22.9512 |
| 32.3525463 | 15.72 | 7.1554 | 32.4706019 | 16.18 | 24.5001 | 32.5885417 | 16.28 | 22.9435 |
| 32.352662 | 15.81 | 11.738 | 32.4707176 | 16.21 | 25.9108 | 32.5886574 | 16.28 | 23.0253 |
| 32.3527778 | 15.81 | 10.8379 | 32.4708333 | 16.22 | 27.3698 | 32.5887732 | 16.28 | 22.8876 |
| 32.3528935 | 15.8 | 10.6848 | 32.4709491 | 16.24 | 27.3451 | 32.5888889 | 16.3 | 22.6135 |
| 32.3530093 | 15.87 | 14.1701 | 32.4710648 | 16.22 | 27.0264 | 32.5890046 | 16.28 | 23.0279 |
| 32.353125 | 15.82 | 12.4859 | 32.4711806 | 16.24 | 27.4074 | 32.5891204 | 16.27 | 23.2228 |
| 32.3532407 | 15.81 | 11.6456 | 32.4712963 | 16.22 | 27.6395 | 32.5892361 | 16.27 | 23.262 |
| 32.3533565 | 15.82 | 12.0255 | 32.471412 | 16.22 | 27.5206 | 32.5893519 | 16.28 | 23.0897 |
| 32.3534722 | 15.81 | 11.5444 | 32.4715278 | 16.24 | 27.6182 | 32.5894676 | 16.28 | 22.9997 |
| 32.353588 | 15.78 | 9.1038 | 32.4716435 | 16.24 | 28.0842 | 32.5895833 | 16.28 | 23.3141 |
| 32.3537037 | 15.85 | 13.8606 | 32.4717593 | 16.24 | 28.0611 | 32.5896991 | 16.3 | 22.6135 |
| 32.3538194 | 15.82 | 11.7401 | 32.471875 | 16.24 | 28.1073 | 32.5898148 | 16.3 | 22.9016 |
| 32.3539352 | 15.8 | 9.5751 | 32.4719907 | 16.24 | 27.5661 | 32.5899306 | 16.3 | 22.5839 |
| 32.3540509 | 15.82 | 12.2018 | 32.4721065 | 16.25 | 27.9049 | 32.5900463 | 16.3 | 22.4274 |
| 32.3541667 | 15.78 | 9.6627 | 32.4722222 | 16.25 | 28.2553 | 32.590162 | 16.28 | 22.5829 |
| 32.3542824 | 15.8 | 10.8239 | 32.472338 | 16.25 | 28.408 | 32.5902778 | 16.28 | 22.5632 |
| 32.3543982 | 15.8 | 10.4321 | 32.4724537 | 16.25 | 28.3569 | 32.5903935 | 16.28 | 22.5411 |
| 32.3545139 | 15.82 | 11.7473 | 32.4725694 | 16.27 | 28.3938 | 32.5905093 | 16.28 | 22.4143 |
| 32.3546296 | 15.81 | 10.8094 | 32.4726852 | 16.25 | 28.1388 | 32.590625 | 16.3 | 22.5765 |
| 32.3547454 | 15.72 | 6.7866 | 32.4728009 | 16.25 | 28.4514 | 32.5907407 | 16.3 | 22.7228 |
| 32.3548611 | 15.8 | 11.1492 | 32.4729167 | 16.25 | 28.1311 | 32.5908565 | 16.28 | 23.1207 |
| 32.3549769 | 15.82 | 12.8335 | 32.4730324 | 16.25 | 28.1892 | 32.5909722 | 16.28 | 23.0125 |
| 32.3550926 | 15.85 | 13.2374 | 32.4731482 | 16.25 | 28.3687 | 32.591088 | 16.3 | 22.8889 |
| 32.3552083 | 15.82 | 12.2339 | 32.4732639 | 16.25 | 28.4475 | 32.5912037 | 16.3 | 22.7453 |
| 32.3553241 | 15.82 | 11.6204 | 32.4733796 | 16.25 | 28.4277 | 32.5913194 | 16.28 | 23.5647 |
| 32.3554398 | 15.75 | 8.1792 | 32.4734954 | 16.25 | 28.1543 | 32.5914352 | 16.3 | 23.1014 |
| 32.3555556 | 15.85 | 13.0484 | 32.4736111 | 16.25 | 28.4277 | 32.5915509 | 16.3 | 21.6133 |
| 32.3556713 | 15.72 | 6.6693 | 32.4737269 | 16.25 | 28.3373 | 32.5916667 | 16.3 | 21.9067 |
| 32.355787 | 15.71 | 6.119 | 32.4738426 | 16.27 | 28.3427 | 32.5917824 | 16.3 | 20.5053 |
| 32.3559028 | 15.71 | 6.1665 | 32.4739583 | 16.24 | 28.5417 | 32.5918982 | 16.3 | 20.3464 |
| 32.3560185 | 15.75 | 8.6365 | 32.4740741 | 16.25 | 28.3178 | 32.5920139 | 16.31 | 20.3374 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3561343 | 15.71 | 5.8379 | 32.4741898 | 16.25 | 28.4989 | 32.5921296 | 16.31 | 20.2278 |
| 32.35625 | 15.71 | 6.2871 | 32.4743056 | 16.25 | 28.4989 | 32.5922454 | 16.3 | 20.1418 |
| 32.3563657 | 15.72 | 7.3049 | 32.4744213 | 16.25 | 28.408 | 32.5923611 | 16.31 | 19.8445 |
| 32.3564815 | 15.68 | 5.1236 | 32.474537 | 16.27 | 28.4688 | 32.5924769 | 16.31 | 19.9952 |
| 32.3565972 | 15.67 | 4.6822 | 32.4746528 | 16.25 | 28.4475 | 32.5925926 | 16.3 | 21.3719 |
| 32.356713 | 15.67 | 4.9809 | 32.4747685 | 16.25 | 28.5028 | 32.5927083 | 16.3 | 20.6975 |
| 32.3568287 | 15.7 | 5.5027 | 32.4748843 | 16.25 | 28.4475 | 32.5928241 | 16.3 | 20.38 |
| 32.3569444 | 15.7 | 6.0216 | 32.475 | 16.25 | 28.3766 | 32.5929398 | 16.3 | 21.5396 |
| 32.3570602 | 15.7 | 6.0692 | 32.4751157 | 16.25 | 28.2125 | 32.5930556 | 16.3 | 20.0478 |
| 32.3571759 | 15.74 | 8.9273 | 32.4752315 | 16.25 | 28.3021 | 32.5931713 | 16.3 | 20.0383 |
| 32.3572917 | 15.82 | 12.3305 | 32.4753472 | 16.25 | 28.3687 | 32.593287 | 16.3 | 19.9869 |
| 32.3574074 | 16.01 | 20.6424 | 32.475463 | 16.25 | 28.1698 | 32.5934028 | 16.3 | 20.0784 |
| 32.3575232 | 15.87 | 11.5583 | 32.4755787 | 16.25 | 28.2164 | 32.5935185 | 16.31 | 19.7385 |
| 32.3576389 | 15.8 | 9.3599 | 32.4756944 | 16.27 | 28.3545 | 32.5936343 | 16.3 | 19.7935 |
| 32.3577546 | 16 | 20.1048 | 32.4758102 | 16.27 | 28.382 | 32.59375 | 16.3 | 19.9945 |
| 32.3578704 | 16.17 | 27.4004 | 32.4759259 | 16.25 | 28.3021 | 32.5938657 | 16.3 | 19.6441 |
| 32.3579861 | 15.94 | 15.0341 | 32.4760417 | 16.25 | 28.2904 | 32.5939815 | 16.3 | 20.7836 |
| 32.3581019 | 15.88 | 13.3355 | 32.4761574 | 16.27 | 28.2684 | 32.5940972 | 16.3 | 19.6331 |
| 32.3582176 | 15.82 | 10.5625 | 32.4762732 | 16.25 | 28.1272 | 32.594213 | 16.3 | 19.725 |
| 32.3583333 | 16.01 | 20.1667 | 32.4763889 | 16.25 | 28.3766 | 32.5943287 | 16.3 | 19.786 |
| 32.3584491 | 15.84 | 11.6378 | 32.4765046 | 16.25 | 27.9468 | 32.5944444 | 16.3 | 19.8326 |
| 32.3585648 | 15.85 | 12.6601 | 32.4766204 | 16.25 | 28.2514 | 32.5945602 | 16.3 | 19.7638 |
| 32.3586806 | 15.87 | 13.6671 | 32.4767361 | 16.25 | 28.3373 | 32.5946759 | 16.3 | 20.5153 |
| 32.3587963 | 15.87 | 13.7972 | 32.4768519 | 16.25 | 28.0694 | 32.5947917 | 16.3 | 19.8028 |
| 32.358912 | 15.87 | 13.3269 | 32.4769676 | 16.25 | 28.3413 | 32.5949074 | 16.3 | 19.786 |
| 32.3590278 | 15.92 | 16.3673 | 32.4770833 | 16.25 | 27.9202 | 32.5950232 | 16.31 | 19.9327 |
| 32.3591435 | 15.82 | 10.1016 | 32.4771991 | 16.25 | 28.1892 | 32.5951389 | 16.31 | 19.9459 |
| 32.3592593 | 15.84 | 11.3697 | 32.4773148 | 16.24 | 27.6219 | 32.5952546 | 16.31 | 19.8538 |
| 32.359375 | 15.85 | 12.1896 | 32.4774306 | 16.24 | 27.2868 | 32.5953704 | 16.31 | 19.7718 |
| 32.3594907 | 15.9 | 13.5233 | 32.4775463 | 16.25 | 28.0157 | 32.5954861 | 16.31 | 20.6251 |
| 32.3596065 | 15.98 | 18.4311 | 32.477662 | 16.25 | 28.0579 | 32.5956019 | 16.31 | 21.1074 |
| 32.3597222 | 15.95 | 15.9578 | 32.4777778 | 16.25 | 27.867 | 32.5957176 | 16.31 | 20.0333 |
| 32.359838 | 15.9 | 13.209 | 32.4778935 | 16.24 | 27.4111 | 32.5958333 | 16.31 | 19.7755 |
| 32.3599537 | 16.01 | 20.0429 | 32.4780093 | 16.24 | 27.305 | 32.5959491 | 16.31 | 19.0746 |
| 32.3600694 | 15.9 | 12.6642 | 32.478125 | 16.24 | 27.3268 | 32.5960648 | 16.3 | 18.7009 |
| 32.3601852 | 15.95 | 16.3799 | 32.4782407 | 16.24 | 27.2432 | 32.5961806 | 16.3 | 18.8243 |
| 32.3603009 | 16 | 18.9271 | 32.4783565 | 16.25 | 27.7423 | 32.5962963 | 16.31 | 18.8734 |
| 32.3604167 | 15.97 | 16.9328 | 32.4784722 | 16.22 | 27.03 | 32.596412 | 16.3 | 18.8394 |
| 32.3605324 | 16 | 18.4107 | 32.478588 | 16.22 | 27.2713 | 32.5965278 | 16.31 | 19.5012 |
| 32.3606482 | 15.94 | 14.7484 | 32.4787037 | 16.22 | 26.6013 | 32.5966435 | 16.3 | 19.6753 |
| 32.3607639 | 15.91 | 15.6763 | 32.4788194 | 16.22 | 26.4842 | 32.5967593 | 16.3 | 19.6076 |
| 32.3608796 | 15.95 | 17.2069 | 32.4789352 | 16.22 | 26.5358 | 32.596875 | 16.3 | 19.6404 |
| 32.3609954 | 15.81 | 10.8369 | 32.4790509 | 16.22 | 26.7055 | 32.5969907 | 16.28 | 22.5657 |
| 32.3611111 | 15.85 | 12.2994 | 32.4791667 | 16.24 | 26.783 | 32.5971065 | 16.3 | 20.7056 |
| 32.3612269 | 15.92 | 16.2083 | 32.4792824 | 16.22 | 26.9304 | 32.5972222 | 16.3 | 20.0135 |
| 32.3613426 | 15.91 | 15.5208 | 32.4793982 | 16.22 | 26.7543 | 32.597338 | 16.31 | 20.3374 |
| 32.3614583 | 15.97 | 17.9232 | 32.4795139 | 16.22 | 26.7753 | 32.5974537 | 16.3 | 20.3661 |
| 32.3615741 | 15.92 | 15.566 | 32.4796296 | 16.22 | 26.7753 | 32.5975694 | 16.31 | 20.2181 |
| 32.3616898 | 15.87 | 12.8184 | 32.4797454 | 16.21 | 26.0559 | 32.5976852 | 16.3 | 20.4077 |
| 32.3618056 | 15.88 | 15.1413 | 32.4798611 | 16.2 | 25.9863 | 32.5978009 | 16.3 | 19.5476 |
| 32.3619213 | 15.88 | 13.5552 | 32.4799769 | 16.21 | 27.3766 | 32.5979167 | 16.3 | 20.6832 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.362037 | 15.88 | 14.1835 | 32.4800926 | 16.21 | 27.4316 | 32.5980324 | 16.3 | 21.8929 |
| 32.3621528 | 15.82 | 11.3333 | 32.4802083 | 16.21 | 26.9655 | 32.5981482 | 16.3 | 22.3284 |
| 32.3622685 | 15.87 | 12.5456 | 32.4803241 | 16.2 | 25.1662 | 32.5982639 | 16.3 | 24.285 |
| 32.3623843 | 15.85 | 12.0647 | 32.4804398 | 16.2 | 26.8028 | 32.5983796 | 16.28 | 22.4265 |
| 32.3625 | 15.87 | 13.2577 | 32.4805556 | 16.21 | 27.0189 | 32.5984954 | 16.27 | 24.7698 |
| 32.3626157 | 15.94 | 17.6108 | 32.4806713 | 16.21 | 27.6875 | 32.5986111 | 16.28 | 23.8183 |
| 32.3627315 | 15.9 | 14.3428 | 32.480787 | 16.21 | 27.3547 | 32.5987269 | 16.28 | 22.3059 |
| 32.3628472 | 15.97 | 18.4726 | 32.4809028 | 16.21 | 26.9797 | 32.5988426 | 16.27 | 24.2831 |
| 32.362963 | 16.01 | 20.2844 | 32.4810185 | 16.21 | 26.9053 | 32.5989583 | 16.27 | 22.7623 |
| 32.3630787 | 16.04 | 21.4126 | 32.4811343 | 16.21 | 28.0361 | 32.5990741 | 16.31 | 21.1117 |
| 32.3631944 | 16 | 19.4978 | 32.48125 | 16.21 | 27.8267 | 32.5991898 | 16.28 | 24.0524 |
| 32.3633102 | 15.9 | 13.2996 | 32.4813657 | 16.22 | 28.2065 | 32.5993056 | 16.3 | 21.544 |
| 32.3634259 | 15.8 | 8.7989 | 32.4814815 | 16.21 | 27.7701 | 32.5994213 | 16.27 | 24.2144 |
| 32.3635417 | 15.92 | 15.1715 | 32.4815972 | 16.21 | 28.5076 | 32.599537 | 16.28 | 22.2342 |
| 32.3636574 | 15.95 | 16.0431 | 32.481713 | 16.21 | 28.307 | 32.5996528 | 16.27 | 22.9009 |
| 32.3637732 | 15.94 | 19.2902 | 32.4818287 | 16.21 | 28.5155 | 32.5997685 | 16.27 | 23.8187 |
| 32.3638889 | 16.04 | 21.1013 | 32.4819444 | 16.21 | 28.3932 | 32.5998843 | 16.27 | 24.2831 |
| 32.3640046 | 15.61 | 0.8238 | 32.4820602 | 16.21 | 28.2407 | 32.6 | 16.25 | 24.5773 |
| 32.3641204 | 15.52 | 0.2699 | 32.4821759 | 16.21 | 28.587 | 32.6001157 | 16.27 | 21.7991 |
| 32.3642361 | 15.91 | 16.9901 | 32.4822917 | 16.21 | 28.6349 | 32.6002315 | 16.27 | 23.4953 |
| 32.3643519 | 16.08 | 23.7344 | 32.4824074 | 16.21 | 28.5592 | 32.6003472 | 16.28 | 22.7267 |
| 32.3644676 | 16.18 | 26.8901 | 32.4825232 | 16.21 | 28.3814 | 32.600463 | 16.28 | 21.6039 |
| 32.3645833 | 15.95 | 16.1226 | 32.4826389 | 16.21 | 28.5711 | 32.6005787 | 16.3 | 20.4534 |
| 32.3646991 | 15.94 | 16.8411 | 32.4827546 | 16.21 | 28.4641 | 32.6006944 | 16.3 | 20.6587 |
| 32.3648148 | 15.94 | 15.7716 | 32.4828704 | 16.21 | 28.5671 | 32.6008102 | 16.3 | 20.1882 |
| 32.3649306 | 15.82 | 11.1059 | 32.4829861 | 16.21 | 28.5473 | 32.6009259 | 16.3 | 20.3464 |
| 32.3650463 | 15.94 | 18.1006 | 32.4831019 | 16.21 | 28.5512 | 32.6010417 | 16.3 | 20.311 |
| 32.365162 | 16.14 | 24.8866 | 32.4832176 | 16.21 | 28.4523 | 32.6011574 | 16.3 | 20.5535 |
| 32.3652778 | 16.04 | 21.1182 | 32.4833333 | 16.22 | 28.4254 | 32.6012732 | 16.3 | 20.2329 |
| 32.3653935 | 16.05 | 20.9993 | 32.4834491 | 16.2 | 28.5227 | 32.6013889 | 16.3 | 20.3327 |
| 32.3655093 | 15.94 | 15.9314 | 32.4835648 | 16.21 | 28.3187 | 32.6015046 | 16.3 | 21.0173 |
| 32.365625 | 15.84 | 10.9627 | 32.4836806 | 16.21 | 28.476 | 32.6016204 | 16.3 | 19.8382 |
| 32.3657407 | 15.92 | 15.3256 | 32.4837963 | 16.22 | 28.0751 | 32.6017361 | 16.31 | 20.8425 |
| 32.3658565 | 15.92 | 16.638 | 32.483912 | 16.21 | 28.4326 | 32.6018519 | 16.3 | 20.1418 |
| 32.3659722 | 15.87 | 12.2455 | 32.4840278 | 16.21 | 28.5354 | 32.6019676 | 16.3 | 19.1904 |
| 32.366088 | 15.98 | 18.2647 | 32.4841435 | 16.21 | 28.4602 | 32.6020833 | 16.31 | 20.3473 |
| 32.3662037 | 15.91 | 14.3097 | 32.4842593 | 16.21 | 28.5552 | 32.6021991 | 16.3 | 20.4454 |
| 32.3663194 | 15.91 | 14.9885 | 32.484375 | 16.22 | 28.339 | 32.6023148 | 16.3 | 20.8374 |
| 32.3664352 | 16.01 | 20.6747 | 32.4844907 | 16.22 | 28.1291 | 32.6024306 | 16.3 | 21.2458 |
| 32.3665509 | 15.94 | 16.3329 | 32.4846065 | 16.21 | 28.4918 | 32.6025463 | 16.3 | 21.6043 |
| 32.3666667 | 15.92 | 15.6773 | 32.4847222 | 16.21 | 28.4247 | 32.602662 | 16.3 | 20.2836 |
| 32.3667824 | 15.98 | 19.355 | 32.484838 | 16.22 | 28.4452 | 32.6027778 | 16.3 | 21.3282 |
| 32.3668982 | 15.88 | 12.7001 | 32.4849537 | 16.21 | 28.587 | 32.6028935 | 16.3 | 20.1921 |
| 32.3670139 | 16.01 | 19.8833 | 32.4850694 | 16.21 | 28.3461 | 32.6030093 | 16.3 | 21.134 |
| 32.3671296 | 16.02 | 20.2988 | 32.4851852 | 16.21 | 27.9634 | 32.603125 | 16.3 | 21.7079 |
| 32.3672454 | 15.98 | 18.1506 | 32.4853009 | 16.22 | 28.0061 | 32.6032407 | 16.3 | 20.9562 |
| 32.3673611 | 16.01 | 18.9005 | 32.4854167 | 16.21 | 27.9825 | 32.6033565 | 16.3 | 21.3173 |
| 32.3674769 | 15.94 | 16.1976 | 32.4855324 | 16.21 | 27.7438 | 32.6034722 | 16.3 | 21.2458 |
| 32.3675926 | 15.98 | 18.2082 | 32.4856482 | 16.22 | 27.5911 | 32.603588 | 16.3 | 21.1426 |
| 32.3677083 | 15.95 | 16.8725 | 32.4857639 | 16.22 | 27.6022 | 32.6037037 | 16.3 | 20.9877 |
| 32.3678241 | 16.04 | 20.2092 | 32.4858796 | 16.22 | 27.7933 | 32.6038194 | 16.3 | 22.0508 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3679398 | 15.9 | 13.5124 | 32.4859954 | 16.24 | 27.7117 | 32.6039352 | 16.3 | 22.1661 |
| 32.3680556 | 15.97 | 16.5824 | 32.4861111 | 16.22 | 27.5614 | 32.6040509 | 16.3 | 21.5196 |
| 32.3681713 | 16.01 | 19.4822 | 32.4862269 | 16.22 | 27.554 | 32.6041667 | 16.28 | 22.3684 |
| 32.368287 | 15.94 | 15.2143 | 32.4863426 | 16.22 | 27.48 | 32.6042824 | 16.28 | 21.6308 |
| 32.3684028 | 15.97 | 16.8189 | 32.4864583 | 16.24 | 27.1816 | 32.6043982 | 16.27 | 18.899 |
| 32.3685185 | 16.02 | 20.2696 | 32.4865741 | 16.24 | 27.4736 | 32.6045139 | 16.3 | 21.117 |
| 32.3686343 | 16.02 | 18.7772 | 32.4866898 | 16.24 | 27.3671 | 32.6046296 | 16.3 | 21.0511 |
| 32.36875 | 16.05 | 22.2552 | 32.4868056 | 16.24 | 27.6443 | 32.6047454 | 16.28 | 22.2461 |
| 32.3688657 | 16.02 | 21.0591 | 32.4869213 | 16.24 | 27.8209 | 32.6048611 | 16.28 | 21.9223 |
| 32.3689815 | 16.07 | 21.8103 | 32.487037 | 16.22 | 27.5428 | 32.6049769 | 16.28 | 23.5485 |
| 32.3690972 | 16.1 | 23.0265 | 32.4871528 | 16.22 | 26.7789 | 32.6050926 | 16.28 | 23.799 |
| 32.369213 | 16.01 | 18.8069 | 32.4872685 | 16.22 | 27.7858 | 32.6052083 | 16.28 | 22.4095 |
| 32.3693287 | 16.07 | 22.0167 | 32.4873843 | 16.22 | 27.6134 | 32.6053241 | 16.27 | 21.8449 |
| 32.3694444 | 16.07 | 22.9395 | 32.4875 | 16.21 | 27.3145 | 32.6054398 | 16.28 | 21.5392 |
| 32.3695602 | 16.05 | 21.0202 | 32.4876157 | 16.21 | 27.598 | 32.6055556 | 16.28 | 21.7119 |
| 32.3696759 | 16.08 | 22.7407 | 32.4877315 | 16.21 | 27.8342 | 32.6056713 | 16.28 | 21.6151 |
| 32.3697917 | 16.14 | 24.4955 | 32.4878472 | 16.21 | 27.7551 | 32.605787 | 16.28 | 21.455 |
| 32.3699074 | 15.98 | 17.7681 | 32.487963 | 16.21 | 27.2455 | 32.6059028 | 16.28 | 21.4926 |
| 32.3700232 | 16.02 | 19.9869 | 32.4880787 | 16.21 | 28.1554 | 32.6060185 | 16.28 | 21.1339 |
| 32.3701389 | 16.04 | 19.3664 | 32.4881944 | 16.21 | 28.3971 | 32.6061343 | 16.28 | 21.5659 |
| 32.3702546 | 16.02 | 19.3867 | 32.4883102 | 16.21 | 27.971 | 32.60625 | 16.28 | 21.7664 |
| 32.3703704 | 16.01 | 19.874 | 32.4884259 | 16.21 | 28.0706 | 32.6063657 | 16.28 | 21.1939 |
| 32.3704861 | 16.01 | 19.2704 | 32.4885417 | 16.2 | 28.6022 | 32.6064815 | 16.28 | 22.9435 |
| 32.3706019 | 16.05 | 21.6611 | 32.4886574 | 16.21 | 28.4207 | 32.6065972 | 16.28 | 21.1531 |
| 32.3707176 | 16.01 | 19.6989 | 32.4887732 | 16.21 | 28.3893 | 32.606713 | 16.28 | 23.01 |
| 32.3708333 | 16.01 | 19.822 | 32.4888889 | 16.21 | 28.587 | 32.6068287 | 16.28 | 23.5431 |
| 32.3709491 | 16 | 18.4941 | 32.4890046 | 16.2 | 28.5823 | 32.6069444 | 16.3 | 24.0123 |
| 32.3710648 | 16.01 | 19.9094 | 32.4891204 | 16.21 | 28.5235 | 32.6070602 | 16.28 | 22.5829 |
| 32.3711806 | 16.01 | 19.6279 | 32.4892361 | 16.21 | 28.6389 | 32.6071759 | 16.3 | 24.1393 |
| 32.3712963 | 16.01 | 18.8419 | 32.4893519 | 16.2 | 28.6581 | 32.6072917 | 16.3 | 23.8451 |
| 32.371412 | 16.01 | 19.5719 | 32.4894676 | 16.2 | 28.6022 | 32.6074074 | 16.3 | 23.5448 |
| 32.3715278 | 16.01 | 19.4894 | 32.4895833 | 16.21 | 28.4168 | 32.6075232 | 16.3 | 23.6531 |
| 32.3716435 | 16.01 | 19.2581 | 32.4896991 | 16.21 | 28.5552 | 32.6076389 | 16.28 | 24.2055 |
| 32.3717593 | 16.01 | 19.8572 | 32.4898148 | 16.2 | 28.6261 | 32.6077546 | 16.28 | 24.4973 |
| 32.371875 | 16.08 | 22.2432 | 32.4899306 | 16.21 | 28.6389 | 32.6078704 | 16.27 | 24.5945 |
| 32.3719907 | 16.05 | 20.183 | 32.4900463 | 16.21 | 28.595 | 32.6079861 | 16.28 | 23.4653 |
| 32.3721065 | 16.04 | 20.3003 | 32.490162 | 16.2 | 28.5783 | 32.6081019 | 16.28 | 23.5701 |
| 32.3722222 | 16.01 | 19.5234 | 32.4902778 | 16.21 | 28.603 | 32.6082176 | 16.28 | 23.766 |
| 32.372338 | 16 | 18.865 | 32.4903935 | 16.21 | 28.587 | 32.6083333 | 16.3 | 23.8617 |
| 32.3724537 | 15.95 | 17.305 | 32.4905093 | 16.21 | 28.5314 | 32.6084491 | 16.3 | 23.8478 |
| 32.3725694 | 16.07 | 23.916 | 32.490625 | 16.2 | 28.5823 | 32.6085648 | 16.3 | 23.8009 |
| 32.3726852 | 16.1 | 23.523 | 32.4907407 | 16.21 | 28.595 | 32.6086806 | 16.28 | 23.6377 |
| 32.3728009 | 16.07 | 21.9084 | 32.4908565 | 16.21 | 28.5314 | 32.6087963 | 16.3 | 23.4643 |
| 32.3729167 | 16.05 | 20.7432 | 32.4909722 | 16.21 | 28.587 | 32.608912 | 16.28 | 23.3987 |
| 32.3730324 | 16 | 17.7189 | 32.491088 | 16.21 | 28.3226 | 32.6090278 | 16.3 | 23.7954 |
| 32.3731482 | 16.01 | 19.1593 | 32.4912037 | 16.21 | 28.5592 | 32.6091435 | 16.28 | 23.589 |
| 32.3732639 | 16.07 | 22.5518 | 32.4913194 | 16.21 | 28.5076 | 32.6092593 | 16.3 | 22.9652 |
| 32.3733796 | 16.05 | 21.3572 | 32.4914352 | 16.21 | 28.5314 | 32.609375 | 16.28 | 23.1467 |
| 32.3734954 | 16.1 | 22.892 | 32.4915509 | 16.2 | 28.5743 | 32.6094907 | 16.28 | 23.3855 |
| 32.3736111 | 16.08 | 22.8783 | 32.4916667 | 16.21 | 28.4365 | 32.6096065 | 16.28 | 22.6893 |
| 32.3737269 | 16.1 | 23.4166 | 32.4917824 | 16.21 | 28.5831 | 32.6097222 | 16.28 | 22.8648 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3738426 | 16.07 | 22.5958 | 32.4918982 | 16.21 | 28.3422 | 32.609838 | 16.28 | 22.6545 |
| 32.3739583 | 16.1 | 22.9426 | 32.4920139 | 16.21 | 28.354 | 32.6099537 | 16.28 | 22.546 |
| 32.3740741 | 16.1 | 23.0061 | 32.4921296 | 16.21 | 28.2914 | 32.6100694 | 16.28 | 22.4678 |
| 32.3741898 | 16.08 | 22.7332 | 32.4922454 | 16.21 | 28.1593 | 32.6101852 | 16.28 | 22.1535 |
| 32.3743056 | 16.11 | 23.214 | 32.4923611 | 16.22 | 27.9221 | 32.6103009 | 16.28 | 22.1205 |
| 32.3744213 | 16.08 | 22.3193 | 32.4924769 | 16.21 | 28.3657 | 32.6104167 | 16.28 | 22.2223 |
| 32.374537 | 16.05 | 20.8807 | 32.4925926 | 16.21 | 28.1903 | 32.6105324 | 16.27 | 21.9601 |
| 32.3746528 | 16.1 | 22.9122 | 32.4927083 | 16.22 | 27.8311 | 32.6106482 | 16.27 | 21.6205 |
| 32.3747685 | 16.07 | 20.9283 | 32.4928241 | 16.21 | 28.2019 | 32.6107639 | 16.27 | 21.6857 |
| 32.3748843 | 16.08 | 22.2077 | 32.4929398 | 16.22 | 27.9908 | 32.6108796 | 16.27 | 21.529 |
| 32.375 | 16.08 | 21.5537 | 32.4930556 | 16.21 | 27.9863 | 32.6109954 | 16.27 | 21.6632 |
| 32.3751157 | 16.12 | 23.8502 | 32.4931713 | 16.22 | 27.9221 | 32.6111111 | 16.27 | 22.3981 |
| 32.3752315 | 16.07 | 21.0496 | 32.493287 | 16.21 | 27.8305 | 32.6112269 | 16.27 | 22.1875 |
| 32.3753472 | 16.07 | 21.3032 | 32.4934028 | 16.22 | 27.5799 | 32.6113426 | 16.24 | 21.123 |
| 32.375463 | 16.05 | 21.1574 | 32.4935185 | 16.21 | 27.5201 | 32.6114583 | 16.24 | 20.9834 |
| 32.3755787 | 16.05 | 20.6197 | 32.4936343 | 16.21 | 27.5683 | 32.6115741 | 16.24 | 21.0087 |
| 32.3756944 | 16.04 | 19.0659 | 32.49375 | 16.21 | 27.2165 | 32.6116898 | 16.24 | 21.1081 |
| 32.3758102 | 16.04 | 19.6622 | 32.4938657 | 16.22 | 27.1088 | 32.6118056 | 16.24 | 20.9478 |
| 32.3759259 | 16.02 | 19.8263 | 32.4939815 | 16.22 | 27.0693 | 32.6119213 | 16.24 | 20.6409 |
| 32.3760417 | 16.1 | 23.2484 | 32.4940972 | 16.22 | 26.5944 | 32.612037 | 16.22 | 20.5042 |
| 32.3761574 | 16.08 | 22.2859 | 32.494213 | 16.22 | 26.695 | 32.6121528 | 16.22 | 20.4445 |
| 32.3762732 | 16.07 | 21.5724 | 32.4943287 | 16.22 | 26.1192 | 32.6122685 | 16.24 | 19.9808 |
| 32.3763889 | 16.1 | 22.9603 | 32.4944444 | 16.21 | 26.3239 | 32.6123843 | 16.24 | 19.5407 |
| 32.3765046 | 16.11 | 23.1466 | 32.4945602 | 16.21 | 26.2261 | 32.6125 | 16.24 | 19.6662 |
| 32.3766204 | 16.05 | 20.8313 | 32.4946759 | 16.21 | 28.1323 | 32.6126157 | 16.25 | 20.0824 |
| 32.3767361 | 16.04 | 20.5148 | 32.4947917 | 16.21 | 28.4168 | 32.6127315 | 16.25 | 19.7127 |
| 32.3768519 | 16.04 | 21.2998 | 32.4949074 | 16.21 | 28.4681 | 32.6128472 | 16.25 | 19.2774 |
| 32.3769676 | 16.02 | 20.2832 | 32.4950232 | 16.2 | 28.4121 | 32.612963 | 16.25 | 20.0728 |
| 32.3770833 | 16.02 | 20.0322 | 32.4951389 | 16.2 | 28.495 | 32.6130787 | 16.25 | 19.4405 |
| 32.3771991 | 16.08 | 23.056 | 32.4952546 | 16.2 | 28.6221 | 32.6131944 | 16.25 | 19.3179 |
| 32.3773148 | 16.12 | 24.4786 | 32.4953704 | 16.2 | 28.5386 | 32.6133102 | 16.24 | 19.4705 |
| 32.3774306 | 16.08 | 22.0321 | 32.4954861 | 16.21 | 28.5314 | 32.6134259 | 16.24 | 20.3907 |
| 32.3775463 | 16.1 | 23.1369 | 32.4956019 | 16.21 | 28.5393 | 32.6135417 | 16.25 | 20.6114 |
| 32.377662 | 16.05 | 20.3616 | 32.4957176 | 16.22 | 27.5874 | 32.6136574 | 16.24 | 20.2768 |
| 32.3777778 | 16.12 | 24.6279 | 32.4958333 | 16.21 | 28.354 | 32.6137732 | 16.25 | 20.4431 |
| 32.3778935 | 16.07 | 22.0492 | 32.4959491 | 16.2 | 28.491 | 32.6138889 | 16.25 | 19.4979 |
| 32.3780093 | 16.08 | 20.5541 | 32.4960648 | 16.21 | 28.3854 | 32.6140046 | 16.24 | 19.2348 |
| 32.378125 | 16.18 | 25.8681 | 32.4961806 | 16.21 | 28.405 | 32.6141204 | 16.24 | 20.3003 |
| 32.3782407 | 16.17 | 26.6762 | 32.4962963 | 16.22 | 28.3156 | 32.6142361 | 16.25 | 19.6065 |
| 32.3783565 | 16.14 | 23.7971 | 32.496412 | 16.21 | 28.2174 | 32.6143519 | 16.24 | 18.6694 |
| 32.3784722 | 16.15 | 25.6159 | 32.4965278 | 16.15 | 20.5121 | 32.6144676 | 16.25 | 18.7242 |
| 32.378588 | 16.05 | 20.3557 | 32.4966435 | 16.21 | 27.9558 | 32.6145833 | 16.24 | 18.6875 |
| 32.3787037 | 16.15 | 26.0818 | 32.4967593 | 16.21 | 28.5512 | 32.6146991 | 16.24 | 18.6793 |
| 32.3788194 | 16.05 | 21.1023 | 32.496875 | 16.21 | 28.4562 | 32.6148148 | 16.24 | 18.7322 |
| 32.3789352 | 16.11 | 24.1747 | 32.4969907 | 16.22 | 28.339 | 32.6149306 | 16.24 | 18.6578 |
| 32.3790509 | 16.02 | 21.3667 | 32.4971065 | 16.21 | 28.2719 | 32.6150463 | 16.24 | 18.7355 |
| 32.3791667 | 16.12 | 25.115 | 32.4972222 | 16.21 | 27.9063 | 32.615162 | 16.24 | 18.7588 |
| 32.3792824 | 16.04 | 17.1766 | 32.497338 | 16.2 | 28.6421 | 32.6152778 | 16.22 | 18.7715 |
| 32.3793982 | 15.98 | 14.6999 | 32.4974537 | 16.21 | 28.5195 | 32.6153935 | 16.24 | 18.7024 |
| 32.3795139 | 16.11 | 23.4957 | 32.4975694 | 16.22 | 28.3351 | 32.6155093 | 16.24 | 18.7405 |
| 32.3796296 | 16.02 | 16.6865 | 32.4976852 | 16.21 | 28.3461 | 32.615625 | 16.24 | 18.7438 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3797454 | 16.1 | 22.9908 | 32.4978009 | 16.22 | 27.4321 | 32.6157407 | 16.24 | 18.7322 |
| 32.3798611 | 16.07 | 21.6191 | 32.4979167 | 16.22 | 26.8703 | 32.6158565 | 16.24 | 18.6875 |
| 32.3799769 | 16.1 | 21.9702 | 32.4980324 | 16.21 | 27.8911 | 32.6159722 | 16.24 | 18.7107 |
| 32.3800926 | 16.1 | 22.6996 | 32.4981482 | 16.21 | 28.3775 | 32.616088 | 16.25 | 18.668 |
| 32.3802083 | 16.12 | 23.5701 | 32.4982639 | 16.21 | 28.3618 | 32.6162037 | 16.24 | 18.6694 |
| 32.3803241 | 16.12 | 23.7161 | 32.4983796 | 16.21 | 28.4444 | 32.6163194 | 16.22 | 18.6589 |
| 32.3804398 | 16.11 | 22.904 | 32.4984954 | 16.21 | 28.3109 | 32.6164352 | 16.24 | 18.6677 |
| 32.3805556 | 16.05 | 21.2172 | 32.4986111 | 16.21 | 28.4247 | 32.6165509 | 16.24 | 18.7024 |
| 32.3806713 | 16.11 | 23.3737 | 32.4987269 | 16.21 | 28.5512 | 32.6166667 | 16.24 | 18.6941 |
| 32.380787 | 16.12 | 23.911 | 32.4988426 | 16.21 | 28.5155 | 32.6167824 | 16.24 | 18.7173 |
| 32.3809028 | 16.12 | 23.8365 | 32.4989583 | 16.21 | 28.3266 | 32.6168982 | 16.24 | 18.7355 |
| 32.3810185 | 16 | 17.2434 | 32.4990741 | 16.22 | 28.2415 | 32.6170139 | 16.24 | 18.7888 |
| 32.3811343 | 16.12 | 23.8035 | 32.4991898 | 16.21 | 27.8949 | 32.6171296 | 16.24 | 18.7438 |
| 32.38125 | 16.08 | 21.5293 | 32.4993056 | 16.22 | 28.0099 | 32.6172454 | 16.24 | 18.7621 |
| 32.3813657 | 16.07 | 20.4954 | 32.4994213 | 16.21 | 25.5775 | 32.6173611 | 16.22 | 18.7632 |
| 32.3814815 | 16.11 | 23.4186 | 32.499537 | 16.21 | 27.0225 | 32.6174769 | 16.24 | 18.7505 |
| 32.3815972 | 16.02 | 17.536 | 32.4996528 | 16.21 | 27.8873 | 32.6175926 | 16.22 | 18.7682 |
| 32.381713 | 16.08 | 21.1034 | 32.4997685 | 16.21 | 27.8456 | 32.6177083 | 16.22 | 18.6853 |
| 32.3818287 | 16.1 | 22.8819 | 32.4998843 | 16.22 | 28.2453 | 32.6178241 | 16.22 | 18.608 |
| 32.3819444 | 16.11 | 23.1828 | 32.5 | 16.24 | 28.3405 | 32.6179398 | 16.22 | 18.6787 |
| 32.3820602 | 16.1 | 21.298 | 32.5001157 | 16.22 | 28.3469 | 32.6180556 | 16.21 | 18.7579 |
| 32.3821759 | 16.1 | 22.4354 | 32.5002315 | 16.22 | 28.2298 | 32.6181713 | 16.24 | 19.2699 |
| 32.3822917 | 16.12 | 23.8695 | 32.5003472 | 16.21 | 25.2809 | 32.618287 | 16.24 | 18.9064 |
| 32.3824074 | 16.1 | 22.9046 | 32.500463 | 16.2 | 24.611 | 32.6184028 | 16.22 | 19.011 |
| 32.3825232 | 16.1 | 23.2902 | 32.5005787 | 16.21 | 25.9732 | 32.6185185 | 16.24 | 19.4079 |
| 32.3826389 | 16.11 | 23.0745 | 32.5006944 | 16.22 | 26.8773 | 32.6186343 | 16.22 | 19.382 |
| 32.3827546 | 16.08 | 22.3074 | 32.5008102 | 16.22 | 26.7613 | 32.61875 | 16.22 | 19.4999 |
| 32.3828704 | 16.07 | 21.2044 | 32.5009259 | 16.22 | 26.8773 | 32.6188657 | 16.24 | 19.3723 |
| 32.3829861 | 16.11 | 22.9419 | 32.5010417 | 16.22 | 27.005 | 32.6189815 | 16.24 | 19.351 |
| 32.3831019 | 16.08 | 21.8572 | 32.5011574 | 16.22 | 26.9304 | 32.6190972 | 16.24 | 19.1755 |
| 32.3832176 | 16.07 | 21.4074 | 32.5012732 | 16.22 | 26.9588 | 32.619213 | 16.24 | 19.2296 |
| 32.3833333 | 16.08 | 22.466 | 32.5013889 | 16.22 | 27.0872 | 32.6193287 | 16.22 | 19.011 |
| 32.3834491 | 16.11 | 22.6568 | 32.5015046 | 16.24 | 27.9271 | 32.6194444 | 16.22 | 19.1608 |
| 32.3835648 | 16.12 | 23.242 | 32.5016204 | 16.22 | 27.5465 | 32.6195602 | 16.24 | 19.4866 |
| 32.3836806 | 16.1 | 22.9857 | 32.5017361 | 16.22 | 27.8575 | 32.6196759 | 16.24 | 19.4525 |
| 32.3837963 | 16.1 | 22.8517 | 32.5018519 | 16.24 | 27.5847 | 32.6197917 | 16.22 | 19.5867 |
| 32.383912 | 16.08 | 21.9673 | 32.5019676 | 16.22 | 26.7055 | 32.6199074 | 16.22 | 19.4015 |
| 32.3840278 | 16.1 | 23.1447 | 32.5020833 | 16.22 | 27.0944 | 32.6200232 | 16.22 | 18.8888 |
| 32.3841435 | 16.1 | 22.404 | 32.5021991 | 16.21 | 28.268 | 32.6201389 | 16.22 | 18.73 |
| 32.3842593 | 16.11 | 23.2192 | 32.5023148 | 16.22 | 28.191 | 32.6202546 | 16.21 | 18.6192 |
| 32.384375 | 16.05 | 19.895 | 32.5024306 | 16.22 | 28.0597 | 32.6203704 | 16.21 | 18.3877 |
| 32.3844907 | 16.12 | 24.1347 | 32.5025463 | 16.22 | 28.0905 | 32.6204861 | 16.21 | 18.0837 |
| 32.3846065 | 16.11 | 22.483 | 32.502662 | 16.21 | 28.4365 | 32.6206019 | 16.21 | 18.536 |
| 32.3847222 | 16.12 | 23.3758 | 32.5027778 | 16.21 | 28.3775 | 32.6207176 | 16.21 | 18.5035 |
| 32.384838 | 16.11 | 22.4564 | 32.5028935 | 16.21 | 28.1438 | 32.6208333 | 16.21 | 18.5165 |
| 32.3849537 | 16.07 | 21.6235 | 32.5030093 | 16.22 | 27.5614 | 32.6209491 | 16.21 | 18.3557 |
| 32.3850694 | 16.07 | 21.4402 | 32.503125 | 16.24 | 27.0737 | 32.6210648 | 16.2 | 17.7858 |
| 32.3851852 | 16.1 | 22.9603 | 32.5032407 | 16.24 | 27.2286 | 32.6211806 | 16.18 | 17.4792 |
| 32.3853009 | 16.07 | 20.1864 | 32.5033565 | 16.24 | 27.2577 | 32.6212963 | 16.18 | 17.6261 |
| 32.3854167 | 16.1 | 22.1707 | 32.5034722 | 16.22 | 27.8803 | 32.621412 | 16.18 | 17.5069 |
| 32.3855324 | 16.12 | 25.0111 | 32.503588 | 16.22 | 28.2376 | 32.6215278 | 16.2 | 18.2335 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3856482 | 16.14 | 24.6657 | 32.5037037 | 16.21 | 28.2369 | 32.6216435 | 16.2 | 19.7447 |
| 32.3857639 | 16.08 | 21.7957 | 32.5038194 | 16.22 | 27.6731 | 32.6217593 | 16.21 | 19.4099 |
| 32.3858796 | 16.07 | 20.3221 | 32.5039352 | 16.22 | 28.2181 | 32.621875 | 16.21 | 19.0706 |
| 32.3859954 | 16.11 | 24.0087 | 32.5040509 | 16.21 | 28.3697 | 32.6219907 | 16.21 | 19.0637 |
| 32.3861111 | 16.08 | 22.109 | 32.5041667 | 16.22 | 28.3743 | 32.6221065 | 16.21 | 18.7995 |
| 32.3862269 | 16.07 | 22.4016 | 32.5042824 | 16.21 | 28.5552 | 32.6222222 | 16.22 | 19.6048 |
| 32.3863426 | 16.05 | 22.4417 | 32.5043982 | 16.21 | 28.5235 | 32.622338 | 16.24 | 20.3277 |
| 32.3864583 | 16.04 | 19.5915 | 32.5045139 | 16.21 | 28.5473 | 32.6224537 | 16.22 | 20.0668 |
| 32.3865741 | 16.08 | 21.896 | 32.5046296 | 16.21 | 28.5592 | 32.6225694 | 16.22 | 19.6285 |
| 32.3866898 | 16.07 | 20.9783 | 32.5047454 | 16.21 | 28.5473 | 32.6226852 | 16.22 | 19.1089 |
| 32.3868056 | 16.07 | 20.9034 | 32.5048611 | 16.22 | 28.3822 | 32.6228009 | 16.22 | 19.0779 |
| 32.3869213 | 16.1 | 22.5642 | 32.5049769 | 16.22 | 28.0444 | 32.6229167 | 16.22 | 19.1244 |
| 32.387037 | 16.05 | 20.6418 | 32.5050926 | 16.22 | 28.2804 | 32.6230324 | 16.24 | 19.1356 |
| 32.3871528 | 16.08 | 21.7844 | 32.5052083 | 16.22 | 28.2765 | 32.6231482 | 16.24 | 19.2069 |
| 32.3872685 | 16.11 | 23.6083 | 32.5053241 | 16.21 | 28.3814 | 32.6232639 | 16.24 | 19.367 |
| 32.3873843 | 16.12 | 23.2004 | 32.5054398 | 16.21 | 28.4207 | 32.6233796 | 16.24 | 19.2471 |
| 32.3875 | 16.12 | 23.7025 | 32.5055556 | 16.21 | 28.4523 | 32.6234954 | 16.24 | 19.4776 |
| 32.3876157 | 16.14 | 24.4955 | 32.5056713 | 16.22 | 28.394 | 32.6236111 | 16.24 | 19.5769 |
| 32.3877315 | 16.14 | 24.6008 | 32.505787 | 16.21 | 28.4207 | 32.6237269 | 16.24 | 19.4776 |
| 32.3878472 | 16.17 | 25.8094 | 32.5059028 | 16.22 | 28.394 | 32.6238426 | 16.24 | 20.0035 |
| 32.387963 | 16.12 | 23.8337 | 32.5060185 | 16.21 | 28.2058 | 32.6239583 | 16.24 | 20.373 |
| 32.3880787 | 16.14 | 24.1452 | 32.5061343 | 16.22 | 28.2104 | 32.6240741 | 16.24 | 21.0593 |
| 32.3881944 | 16.12 | 23.4499 | 32.50625 | 16.22 | 28.1484 | 32.6241898 | 16.24 | 21.5875 |
| 32.3883102 | 16.15 | 25.4728 | 32.5063657 | 16.22 | 28.1793 | 32.6243056 | 16.25 | 21.3505 |
| 32.3884259 | 16.17 | 24.7154 | 32.5064815 | 16.22 | 28.0867 | 32.6244213 | 16.25 | 22.349 |
| 32.3885417 | 16.11 | 22.4758 | 32.5065972 | 16.22 | 28.0444 | 32.624537 | 16.25 | 21.7441 |
| 32.3886574 | 16.08 | 22.0298 | 32.506713 | 16.22 | 28.2181 | 32.6246528 | 16.25 | 22.2986 |
| 32.3887732 | 16.12 | 23.5032 | 32.5068287 | 16.22 | 28.191 | 32.6247685 | 16.27 | 22.3861 |
| 32.3888889 | 16.12 | 24.3456 | 32.5069444 | 16.22 | 28.3195 | 32.6248843 | 16.25 | 21.5665 |
| 32.3890046 | 16.12 | 23.2681 | 32.5070602 | 16.22 | 28.3038 | 32.625 | 16.25 | 22.6344 |
| 32.3891204 | 16.12 | 24.0559 | 32.5071759 | 16.22 | 28.3116 | 32.6251157 | 16.27 | 22.5222 |
| 32.3892361 | 16.14 | 24.0635 | 32.5072917 | 16.22 | 28.0061 | 32.6252315 | 16.25 | 22.0783 |
| 32.3893519 | 16.15 | 25.2039 | 32.5074074 | 16.24 | 26.9737 | 32.6253472 | 16.25 | 22.3442 |
| 32.3894676 | 16.17 | 25.2533 | 32.5075232 | 16.25 | 26.8713 | 32.625463 | 16.25 | 22.0736 |
| 32.3895833 | 16.14 | 24.6864 | 32.5076389 | 16.24 | 26.6643 | 32.6255787 | 16.25 | 21.999 |
| 32.3896991 | 16.12 | 24.575 | 32.5077546 | 16.22 | 28.0867 | 32.6256944 | 16.25 | 22.0901 |
| 32.3898148 | 16.11 | 23.1079 | 32.5078704 | 16.24 | 27.4736 | 32.6258102 | 16.25 | 22.3611 |
| 32.3899306 | 16.12 | 23.7079 | 32.5079861 | 16.24 | 27.5513 | 32.6259259 | 16.25 | 22.083 |
| 32.3900463 | 16.12 | 24.1234 | 32.5081019 | 16.24 | 26.878 | 32.6260417 | 16.25 | 22.6294 |
| 32.390162 | 16.18 | 25.8354 | 32.5082176 | 16.24 | 27.0773 | 32.6261574 | 16.27 | 22.4151 |
| 32.3902778 | 16.18 | 25.4316 | 32.5083333 | 16.25 | 26.9705 | 32.6262732 | 16.25 | 22.3562 |
| 32.3903935 | 16.12 | 22.5017 | 32.5084491 | 16.25 | 27.1568 | 32.6263889 | 16.25 | 21.9156 |
| 32.3905093 | 16.12 | 23.5594 | 32.5085648 | 16.24 | 27.1636 | 32.6265046 | 16.25 | 21.6313 |
| 32.390625 | 16.15 | 24.536 | 32.5086806 | 16.24 | 27.0701 | 32.6266204 | 16.24 | 21.2107 |
| 32.3907407 | 16.11 | 22.8586 | 32.5087963 | 16.24 | 26.8815 | 32.6267361 | 16.25 | 21.1904 |
| 32.3908565 | 16.11 | 22.1111 | 32.508912 | 16.24 | 27.2758 | 32.6268519 | 16.25 | 21.3876 |
| 32.3909722 | 16.12 | 23.5594 | 32.5090278 | 16.24 | 27.1455 | 32.6269676 | 16.25 | 21.6627 |
| 32.391088 | 16.11 | 22.6494 | 32.5091435 | 16.22 | 27.4101 | 32.6270833 | 16.25 | 21.7668 |
| 32.3912037 | 16.12 | 24.1545 | 32.5092593 | 16.22 | 28.2882 | 32.6271991 | 16.24 | 21.8041 |
| 32.3913194 | 16.1 | 21.6721 | 32.509375 | 16.22 | 26.8738 | 32.6273148 | 16.25 | 21.8764 |
| 32.3914352 | 16.12 | 23.242 | 32.5094907 | 16.22 | 25.3999 | 32.6274306 | 16.25 | 21.8604 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3915509 | 16.11 | 22.7959 | 32.5096065 | 16.22 | 28.0406 | 32.6275463 | 16.25 | 22.349 |
| 32.3916667 | 16.08 | 22.2006 | 32.5097222 | 16.22 | 27.3625 | 32.627662 | 16.25 | 22.39 |
| 32.3917824 | 16.12 | 23.6456 | 32.509838 | 16.21 | 27.9063 | 32.6277778 | 16.27 | 22.3162 |
| 32.3918982 | 16.08 | 21.8892 | 32.5099537 | 16.22 | 27.9107 | 32.6278935 | 16.25 | 22.1536 |
| 32.3920139 | 16.08 | 22.2812 | 32.5100694 | 16.21 | 26.3782 | 32.6280093 | 16.25 | 21.9156 |
| 32.3921296 | 16.15 | 25.093 | 32.5101852 | 16.21 | 27.6464 | 32.628125 | 16.25 | 21.9665 |
| 32.3922454 | 16.1 | 22.4765 | 32.5103009 | 16.22 | 28.3195 | 32.6282407 | 16.25 | 22.1182 |
| 32.3923611 | 16.1 | 23.155 | 32.5104167 | 16.21 | 28.2369 | 32.6283565 | 16.25 | 22.2057 |
| 32.3924769 | 16.07 | 21.8421 | 32.5105324 | 16.21 | 27.5238 | 32.6284722 | 16.24 | 22.2397 |
| 32.3925926 | 16.04 | 20.6531 | 32.5106482 | 16.22 | 27.1988 | 32.628588 | 16.25 | 22.2556 |
| 32.3927083 | 16.07 | 21.8718 | 32.5107639 | 16.22 | 27.7895 | 32.6287037 | 16.25 | 22.2342 |
| 32.3928241 | 16.1 | 22.2867 | 32.5108796 | 16.22 | 27.8651 | 32.6288194 | 16.25 | 22.1347 |
| 32.3929398 | 16.14 | 24.7429 | 32.5109954 | 16.22 | 27.9678 | 32.6289352 | 16.24 | 22.0511 |
| 32.3930556 | 16.14 | 23.7342 | 32.5111111 | 16.22 | 27.2097 | 32.6290509 | 16.24 | 22.0277 |
| 32.3931713 | 16.11 | 23.0335 | 32.5112269 | 16.22 | 27.3734 | 32.6291667 | 16.25 | 22.0666 |
| 32.393287 | 16.1 | 22.5813 | 32.5113426 | 16.22 | 27.2423 | 32.6292824 | 16.25 | 21.8375 |
| 32.3934028 | 16.08 | 21.5936 | 32.5114583 | 16.22 | 27.5837 | 32.6293982 | 16.25 | 22.0059 |
| 32.3935185 | 16.1 | 21.8988 | 32.5115741 | 16.22 | 27.5725 | 32.6295139 | 16.25 | 21.6853 |
| 32.3936343 | 16.04 | 18.4724 | 32.5116898 | 16.24 | 27.3415 | 32.6296296 | 16.25 | 21.6515 |
| 32.39375 | 16.2 | 27.3652 | 32.5118056 | 16.22 | 27.7971 | 32.6297454 | 16.25 | 21.4822 |
| 32.3938657 | 16.21 | 27.1443 | 32.5119213 | 16.24 | 27.7794 | 32.6298611 | 16.25 | 21.5176 |
| 32.3939815 | 16.17 | 24.659 | 32.512037 | 16.22 | 27.7106 | 32.6299769 | 16.25 | 21.6358 |
| 32.3940972 | 16.12 | 24.5515 | 32.5121528 | 16.24 | 27.5365 | 32.6300926 | 16.25 | 21.3964 |
| 32.394213 | 16.18 | 26.7706 | 32.5122685 | 16.22 | 27.8993 | 32.6302083 | 16.25 | 20.9237 |
| 32.3943287 | 16.15 | 24.6477 | 32.5123843 | 16.22 | 27.7293 | 32.6303241 | 16.24 | 20.5642 |
| 32.3944444 | 16.14 | 24.2646 | 32.5125 | 16.22 | 27.4763 | 32.6304398 | 16.24 | 20.314 |
| 32.3945602 | 16.18 | 26.0954 | 32.5126157 | 16.22 | 27.8955 | 32.6305556 | 16.25 | 20.1805 |
| 32.3946759 | 16.22 | 27.1952 | 32.5127315 | 16.22 | 28.191 | 32.6306713 | 16.25 | 20.3168 |
| 32.3947917 | 16.24 | 27.8512 | 32.5128472 | 16.22 | 28.0329 | 32.630787 | 16.25 | 20.4054 |
| 32.3949074 | 16.24 | 27.4037 | 32.512963 | 16.22 | 28.0867 | 32.6309028 | 16.27 | 20.4269 |
| 32.3950232 | 16.21 | 26.6495 | 32.5130787 | 16.24 | 28.1304 | 32.6310185 | 16.25 | 20.457 |
| 32.3951389 | 16.21 | 26.6878 | 32.5131944 | 16.24 | 27.8209 | 32.6311343 | 16.25 | 20.7807 |
| 32.3952546 | 16.2 | 26.2697 | 32.5133102 | 16.22 | 27.6993 | 32.63125 | 16.25 | 21.1647 |
| 32.3953704 | 16.2 | 25.8649 | 32.5134259 | 16.24 | 27.9806 | 32.6313657 | 16.27 | 21.3507 |
| 32.3954861 | 16.2 | 26.2832 | 32.5135417 | 16.22 | 28.2142 | 32.6314815 | 16.25 | 21.3592 |
| 32.3956019 | 16.22 | 26.8456 | 32.5136574 | 16.24 | 28.0803 | 32.6315972 | 16.25 | 21.4073 |
| 32.3957176 | 16.21 | 26.4772 | 32.5137732 | 16.24 | 28.204 | 32.631713 | 16.25 | 21.4183 |
| 32.3958333 | 16.18 | 24.7598 | 32.5138889 | 16.22 | 27.4027 | 32.6318287 | 16.27 | 21.625 |
| 32.3959491 | 16.2 | 26.079 | 32.5140046 | 16.22 | 27.4468 | 32.6319444 | 16.27 | 21.74 |
| 32.3960648 | 16.21 | 26.2901 | 32.5141204 | 16.22 | 27.5725 | 32.6320602 | 16.27 | 21.8724 |
| 32.3961806 | 16.21 | 26.3409 | 32.5142361 | 16.22 | 27.5837 | 32.6321759 | 16.25 | 22.0339 |
| 32.3962963 | 16.2 | 25.8225 | 32.5143519 | 16.22 | 27.9526 | 32.6322917 | 16.27 | 21.9323 |
| 32.396412 | 16.17 | 24.5004 | 32.5144676 | 16.22 | 27.8917 | 32.6324074 | 16.27 | 21.8495 |
| 32.3965278 | 16.2 | 26.2697 | 32.5145833 | 16.24 | 27.6555 | 32.6325232 | 16.25 | 22.1018 |
| 32.3966435 | 16.18 | 24.9857 | 32.5146991 | 16.22 | 27.5911 | 32.6326389 | 16.25 | 22.1182 |
| 32.3967593 | 16.17 | 24.1781 | 32.5148148 | 16.22 | 27.3041 | 32.6327546 | 16.27 | 23.2071 |
| 32.396875 | 16.14 | 22.7663 | 32.5149306 | 16.24 | 27.0522 | 32.6328704 | 16.25 | 22.2104 |
| 32.3969907 | 16.17 | 25.7575 | 32.5150463 | 16.22 | 26.2937 | 32.6329861 | 16.25 | 21.7986 |
| 32.3971065 | 16.15 | 24.1053 | 32.515162 | 16.24 | 26.9098 | 32.6331019 | 16.25 | 21.9156 |
| 32.3972222 | 16.07 | 18.5343 | 32.5152778 | 16.22 | 27.7256 | 32.6332176 | 16.25 | 21.8719 |
| 32.397338 | 16.2 | 25.9995 | 32.5153935 | 16.24 | 25.9077 | 32.6333333 | 16.25 | 23.0632 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3974537 | 16.18 | 23.8558 | 32.5155093 | 16.22 | 26.4363 | 32.6334491 | 16.24 | 23.0073 |
| 32.3975694 | 16.08 | 20.0418 | 32.515625 | 16.22 | 27.7256 | 32.6335648 | 16.24 | 22.1993 |
| 32.3976852 | 16.15 | 24.3936 | 32.5157407 | 16.24 | 26.6538 | 32.6336806 | 16.25 | 21.4447 |
| 32.3978009 | 16.1 | 21.6006 | 32.5158565 | 16.24 | 26.8851 | 32.6337963 | 16.24 | 22.908 |
| 32.3979167 | 16.1 | 21.7013 | 32.5159722 | 16.22 | 27.1016 | 32.633912 | 16.25 | 24.598 |
| 32.3980324 | 16.11 | 22.4467 | 32.516088 | 16.24 | 27.6817 | 32.6340278 | 16.25 | 24.1837 |
| 32.3981482 | 16.14 | 23.6527 | 32.5162037 | 16.24 | 27.7794 | 32.6341435 | 16.24 | 20.8831 |
| 32.3982639 | 16.14 | 23.3351 | 32.5163194 | 16.24 | 26.8921 | 32.6342593 | 16.25 | 25.2059 |
| 32.3983796 | 16.12 | 22.5212 | 32.5164352 | 16.24 | 27.1961 | 32.634375 | 16.25 | 24.6482 |
| 32.3984954 | 16.18 | 25.4253 | 32.5165509 | 16.24 | 27.8512 | 32.6344907 | 16.25 | 22.9378 |
| 32.3986111 | 16.15 | 23.7392 | 32.5166667 | 16.24 | 27.8929 | 32.6346065 | 16.25 | 21.9387 |
| 32.3987269 | 16.1 | 20.701 | 32.5167824 | 16.24 | 26.878 | 32.6347222 | 16.24 | 21.3864 |
| 32.3988426 | 16.1 | 21.3218 | 32.5168982 | 16.24 | 26.9134 | 32.634838 | 16.24 | 20.9227 |
| 32.3989583 | 16.1 | 21.2959 | 32.5170139 | 16.25 | 27.0813 | 32.6349537 | 16.25 | 22.5212 |
| 32.3990741 | 16.1 | 20.8093 | 32.5171296 | 16.24 | 27.4221 | 32.6350694 | 16.24 | 22.0044 |
| 32.3991898 | 16.11 | 21.9324 | 32.5172454 | 16.24 | 27.6555 | 32.6351852 | 16.25 | 22.7262 |
| 32.3993056 | 16.14 | 23.1267 | 32.5173611 | 16.24 | 27.7832 | 32.6353009 | 16.24 | 23.1542 |
| 32.3994213 | 16.17 | 25.1975 | 32.5174769 | 16.22 | 26.474 | 32.6354167 | 16.25 | 21.8375 |
| 32.399537 | 16.18 | 26.172 | 32.5175926 | 16.22 | 26.5117 | 32.6355324 | 16.24 | 22.5612 |
| 32.3996528 | 16.12 | 22.0729 | 32.5177083 | 16.21 | 24.9579 | 32.6356482 | 16.25 | 22.7938 |
| 32.3997685 | 16.11 | 22.0784 | 32.5178241 | 16.24 | 26.3822 | 32.6357639 | 16.25 | 21.2874 |
| 32.3998843 | 16.12 | 23.0125 | 32.5179398 | 16.24 | 26.9169 | 32.6358796 | 16.24 | 20.7469 |
| 32.4 | 16.12 | 22.4847 | 32.5180556 | 16.24 | 27.6667 | 32.6359954 | 16.25 | 22.083 |
| 32.4001157 | 16.11 | 22.372 | 32.5181713 | 16.22 | 27.2169 | 32.6361111 | 16.24 | 22.3258 |
| 32.4002315 | 16.12 | 23.1022 | 32.518287 | 16.24 | 27.8891 | 32.6362269 | 16.24 | 21.2301 |
| 32.4003472 | 16.18 | 25.5776 | 32.5184028 | 16.24 | 28.1807 | 32.6363426 | 16.24 | 21.9719 |
| 32.400463 | 16.18 | 24.4303 | 32.5185185 | 16.24 | 28.173 | 32.6364583 | 16.25 | 22.7562 |
| 32.4005787 | 16.12 | 22.7802 | 32.5186343 | 16.24 | 27.5996 | 32.6365741 | 16.24 | 22.992 |
| 32.4006944 | 16.14 | 22.95 | 32.51875 | 16.24 | 27.992 | 32.6366898 | 16.24 | 21.8934 |
| 32.4008102 | 16.14 | 23.3456 | 32.5188657 | 16.24 | 27.6967 | 32.6368056 | 16.24 | 20.929 |
| 32.4009259 | 16.12 | 23.1641 | 32.5189815 | 16.24 | 27.4662 | 32.6369213 | 16.22 | 21.7331 |
| 32.4010417 | 16.14 | 23.3984 | 32.5190972 | 16.22 | 27.6507 | 32.637037 | 16.24 | 20.9834 |
| 32.4011574 | 16.18 | 25.065 | 32.519213 | 16.22 | 27.2242 | 32.6371528 | 16.21 | 20.6462 |
| 32.4012732 | 16.18 | 25.8192 | 32.5193287 | 16.24 | 27.1239 | 32.6372685 | 16.22 | 20.7778 |
| 32.4013889 | 16.22 | 26.9162 | 32.5194444 | 16.24 | 27.3671 | 32.6373843 | 16.22 | 21.2149 |
| 32.4015046 | 16.22 | 27.1808 | 32.5195602 | 16.24 | 27.2831 | 32.6375 | 16.22 | 22.2675 |
| 32.4016204 | 16.21 | 27.1623 | 32.5196759 | 16.24 | 26.6053 | 32.6376157 | 16.22 | 21.3599 |
| 32.4017361 | 16.24 | 28.0265 | 32.5197917 | 16.22 | 27.2025 | 32.6377315 | 16.22 | 21.706 |
| 32.4018519 | 16.24 | 27.992 | 32.5199074 | 16.24 | 27.0594 | 32.6378472 | 16.24 | 21.6143 |
| 32.4019676 | 16.24 | 28.0227 | 32.5200232 | 16.24 | 26.727 | 32.637963 | 16.22 | 22.0949 |
| 32.4020833 | 16.21 | 25.8552 | 32.5201389 | 16.24 | 25.4978 | 32.6380787 | 16.21 | 21.2009 |
| 32.4021991 | 16.25 | 27.8177 | 32.5202546 | 16.22 | 25.3653 | 32.6381944 | 16.22 | 21.7015 |
| 32.4023148 | 16.22 | 26.8985 | 32.5203704 | 16.24 | 26.4436 | 32.6383102 | 16.22 | 21.2731 |
| 32.4024306 | 16.25 | 27.7048 | 32.5204861 | 16.24 | 27.4331 | 32.6384259 | 16.22 | 21.6139 |
| 32.4025463 | 16.25 | 28.0003 | 32.5206019 | 16.24 | 27.5069 | 32.6385417 | 16.21 | 21.2935 |
| 32.402662 | 16.21 | 25.8486 | 32.5207176 | 16.22 | 27.6806 | 32.6386574 | 16.2 | 21.6046 |
| 32.4027778 | 16.17 | 24.5706 | 32.5208333 | 16.24 | 26.4095 | 32.6387732 | 16.22 | 22.0504 |
| 32.4028935 | 16.22 | 27.5503 | 32.5209491 | 16.24 | 25.5583 | 32.6388889 | 16.24 | 22.9283 |
| 32.4030093 | 16.25 | 28.6022 | 32.5210648 | 16.22 | 25.3905 | 32.6390046 | 16.24 | 23.2768 |
| 32.403125 | 16.25 | 27.9774 | 32.5211806 | 16.24 | 26.0065 | 32.6391204 | 16.24 | 23.5397 |
| 32.4032407 | 16.21 | 27.1299 | 32.5212963 | 16.24 | 26.797 | 32.6392361 | 16.22 | 23.4925 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4033565 | 16.24 | 27.6555 | 32.521412 | 16.24 | 27.3195 | 32.6393519 | 16.24 | 24.0062 |
| 32.4034722 | 16.21 | 26.8805 | 32.5215278 | 16.24 | 27.0916 | 32.6394676 | 16.24 | 23.8063 |
| 32.403588 | 16.22 | 26.7789 | 32.5216435 | 16.24 | 26.7865 | 32.6395833 | 16.24 | 23.6668 |
| 32.4037037 | 16.22 | 27.0657 | 32.5217593 | 16.25 | 26.9421 | 32.6396991 | 16.24 | 23.2193 |
| 32.4038194 | 16.24 | 28.2936 | 32.521875 | 16.25 | 26.9528 | 32.6398148 | 16.24 | 23.6776 |
| 32.4039352 | 16.24 | 27.6555 | 32.5219907 | 16.25 | 26.9848 | 32.6399306 | 16.22 | 21.6632 |
| 32.4040509 | 16.24 | 27.6294 | 32.5221065 | 16.25 | 26.8325 | 32.6400463 | 16.21 | 21.3044 |
| 32.4041667 | 16.24 | 28.0112 | 32.5222222 | 16.25 | 27.0311 | 32.640162 | 16.21 | 21.2202 |
| 32.4042824 | 16.24 | 27.7832 | 32.522338 | 16.27 | 27.4419 | 32.6402778 | 16.22 | 21.1592 |
| 32.4043982 | 16.22 | 27.5799 | 32.5224537 | 16.25 | 27.3419 | 32.6403935 | 16.21 | 21.7567 |
| 32.4045139 | 16.24 | 27.9806 | 32.5225694 | 16.25 | 26.896 | 32.6405093 | 16.21 | 21.6529 |
| 32.4046296 | 16.22 | 26.8809 | 32.5226852 | 16.25 | 26.5641 | 32.640625 | 16.21 | 21.3304 |
| 32.4047454 | 16.24 | 27.4699 | 32.5228009 | 16.25 | 26.8325 | 32.6407407 | 16.21 | 21.1133 |
| 32.4048611 | 16.2 | 26.3068 | 32.5229167 | 16.25 | 27.4226 | 32.6408565 | 16.21 | 21.2051 |
| 32.4049769 | 16.17 | 25.0072 | 32.5230324 | 16.25 | 27.452 | 32.6409722 | 16.2 | 21.2062 |
| 32.4050926 | 16.18 | 25.4759 | 32.5231482 | 16.27 | 26.8897 | 32.641088 | 16.21 | 21.0539 |
| 32.4052083 | 16.18 | 24.9948 | 32.5232639 | 16.27 | 26.8649 | 32.6412037 | 16.22 | 21.0995 |
| 32.4053241 | 16.18 | 25.6031 | 32.5233796 | 16.25 | 26.9492 | 32.6413194 | 16.22 | 21.0086 |
| 32.4054398 | 16.17 | 24.6709 | 32.5234954 | 16.24 | 26.4402 | 32.6414352 | 16.21 | 20.9635 |
| 32.4055556 | 16.17 | 24.6 | 32.5236111 | 16.25 | 26.5848 | 32.6415509 | 16.21 | 20.9928 |
| 32.4056713 | 16.17 | 24.6472 | 32.5237269 | 16.25 | 26.3213 | 32.6416667 | 16.21 | 20.9698 |
| 32.405787 | 16.15 | 23.9652 | 32.5238426 | 16.25 | 26.9883 | 32.6417824 | 16.22 | 20.8645 |
| 32.4059028 | 16.17 | 24.769 | 32.5239583 | 16.25 | 26.7868 | 32.6418982 | 16.21 | 20.7871 |
| 32.4060185 | 16.15 | 23.9791 | 32.5240741 | 16.25 | 26.8784 | 32.6420139 | 16.22 | 20.8541 |
| 32.4061343 | 16.12 | 22.7503 | 32.5241898 | 16.25 | 26.5883 | 32.6421296 | 16.21 | 20.82 |
| 32.40625 | 16.17 | 25.0499 | 32.5243056 | 16.24 | 26.0762 | 32.6422454 | 16.21 | 20.8015 |
| 32.4063657 | 16.15 | 24.3676 | 32.5244213 | 16.24 | 26.0662 | 32.6423611 | 16.21 | 20.7133 |
| 32.4064815 | 16.15 | 24.437 | 32.524537 | 16.24 | 26.0463 | 32.6424769 | 16.21 | 20.8159 |
| 32.4065972 | 16.2 | 26.1056 | 32.5246528 | 16.24 | 26.4778 | 32.6425926 | 16.21 | 20.7768 |
| 32.406713 | 16.12 | 22.8027 | 32.5247685 | 16.24 | 25.8914 | 32.6427083 | 16.21 | 20.6462 |
| 32.4068287 | 16.17 | 24.5238 | 32.5248843 | 16.24 | 25.957 | 32.6428241 | 16.21 | 20.7624 |
| 32.4069444 | 16.14 | 23.9601 | 32.525 | 16.25 | 25.9407 | 32.6429398 | 16.2 | 20.6818 |
| 32.4070602 | 16.15 | 24.3129 | 32.5251157 | 16.25 | 25.8326 | 32.6430556 | 16.21 | 20.6462 |
| 32.4071759 | 16.18 | 24.6677 | 32.5252315 | 16.22 | 25.8879 | 32.6431713 | 16.21 | 20.6848 |
| 32.4072917 | 16.18 | 25.0345 | 32.5253472 | 16.24 | 26.043 | 32.643287 | 16.21 | 20.6706 |
| 32.4074074 | 16.17 | 24.2065 | 32.525463 | 16.24 | 25.8946 | 32.6434028 | 16.21 | 20.8056 |
| 32.4075232 | 16.15 | 24.2528 | 32.5255787 | 16.24 | 25.7837 | 32.6435185 | 16.21 | 20.7052 |
| 32.4076389 | 16.18 | 25.9796 | 32.5256944 | 16.24 | 26.0165 | 32.6436343 | 16.21 | 20.7297 |
| 32.4077546 | 16.24 | 27.6033 | 32.5258102 | 16.24 | 25.7675 | 32.64375 | 16.21 | 20.7297 |
| 32.4078704 | 16.24 | 27.518 | 32.5259259 | 16.24 | 25.8979 | 32.6438657 | 16.21 | 20.9593 |
| 32.4079861 | 16.21 | 26.1959 | 32.5260417 | 16.24 | 25.7772 | 32.6439815 | 16.21 | 20.9991 |
| 32.4081019 | 16.21 | 26.6114 | 32.5261574 | 16.24 | 25.9143 | 32.6440972 | 16.21 | 21.734 |
| 32.4082176 | 16.18 | 25.3436 | 32.5262732 | 16.24 | 25.99 | 32.644213 | 16.2 | 21.1249 |
| 32.4083333 | 16.21 | 26.3782 | 32.5263889 | 16.24 | 25.957 | 32.6443287 | 16.21 | 22.1568 |
| 32.4084491 | 16.21 | 26.2228 | 32.5265046 | 16.25 | 26.1865 | 32.6444444 | 16.21 | 22.2612 |
| 32.4085648 | 16.21 | 26.6634 | 32.5266204 | 16.24 | 25.8652 | 32.6445602 | 16.21 | 21.8983 |
| 32.4086806 | 16.22 | 27.3223 | 32.5267361 | 16.25 | 26.0265 | 32.6446759 | 16.21 | 22.5144 |
| 32.4087963 | 16.22 | 27.0443 | 32.5268519 | 16.24 | 25.9735 | 32.6447917 | 16.21 | 22.3906 |
| 32.408912 | 16.22 | 26.7543 | 32.5269676 | 16.24 | 25.957 | 32.6449074 | 16.21 | 22.2207 |
| 32.4090278 | 16.24 | 27.4294 | 32.5270833 | 16.24 | 26.0165 | 32.6450232 | 16.21 | 22.4317 |
| 32.4091435 | 16.24 | 27.0379 | 32.5271991 | 16.25 | 26.2032 | 32.6451389 | 16.21 | 22.1451 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4092593 | 16.25 | 27.5518 | 32.5273148 | 16.24 | 26.0562 | 32.6452546 | 16.21 | 21.5568 |
| 32.409375 | 16.24 | 27.481 | 32.5274306 | 16.25 | 26.22 | 32.6453704 | 16.21 | 21.3304 |
| 32.4094907 | 16.25 | 27.6561 | 32.5275463 | 16.24 | 26.4334 | 32.6454861 | 16.21 | 21.287 |
| 32.4096065 | 16.24 | 27.1528 | 32.527662 | 16.25 | 26.2369 | 32.6456019 | 16.21 | 21.2266 |
| 32.4097222 | 16.25 | 28.1234 | 32.5277778 | 16.24 | 26.1595 | 32.6457176 | 16.2 | 21.2169 |
| 32.409838 | 16.24 | 27.4441 | 32.5278935 | 16.22 | 26.176 | 32.6458333 | 16.2 | 21.2772 |
| 32.4099537 | 16.25 | 28.2397 | 32.5280093 | 16.24 | 26.3652 | 32.6459491 | 16.2 | 21.2362 |
| 32.4100694 | 16.25 | 27.8935 | 32.528125 | 16.25 | 26.3044 | 32.6460648 | 16.18 | 21.2533 |
| 32.4101852 | 16.25 | 28.3295 | 32.5282407 | 16.24 | 26.4163 | 32.6461806 | 16.21 | 21.2309 |
| 32.4103009 | 16.25 | 28.0617 | 32.5283565 | 16.25 | 26.2537 | 32.6462963 | 16.2 | 21.2989 |
| 32.4104167 | 16.25 | 27.9202 | 32.5284722 | 16.25 | 26.2841 | 32.646412 | 16.2 | 21.2772 |
| 32.4105324 | 16.24 | 27.4294 | 32.528588 | 16.24 | 26.2771 | 32.6465278 | 16.2 | 21.3706 |
| 32.4106482 | 16.24 | 27.8815 | 32.5287037 | 16.25 | 26.3858 | 32.6466435 | 16.2 | 21.3662 |
| 32.4107639 | 16.25 | 28.4672 | 32.5288194 | 16.24 | 26.2907 | 32.6467593 | 16.2 | 21.3815 |
| 32.4108796 | 16.25 | 28.2826 | 32.5289352 | 16.25 | 26.3858 | 32.646875 | 16.2 | 21.4077 |
| 32.4109954 | 16.25 | 28.2631 | 32.5290509 | 16.25 | 26.4952 | 32.6469907 | 16.18 | 21.3704 |
| 32.4111111 | 16.25 | 28.0656 | 32.5291667 | 16.24 | 26.4504 | 32.6471065 | 16.2 | 21.3924 |
| 32.4112269 | 16.25 | 28.008 | 32.5292824 | 16.24 | 26.519 | 32.6472222 | 16.18 | 21.5463 |
| 32.4113426 | 16.25 | 28.1853 | 32.5293982 | 16.25 | 26.8325 | 32.647338 | 16.2 | 21.4494 |
| 32.4114583 | 16.24 | 27.9424 | 32.5295139 | 16.25 | 26.9102 | 32.6474537 | 16.2 | 21.5178 |
| 32.4115741 | 16.25 | 27.8556 | 32.5296296 | 16.25 | 27.3749 | 32.6475694 | 16.2 | 21.4759 |
| 32.4116898 | 16.25 | 28.1002 | 32.5297454 | 16.24 | 27.2142 | 32.6476852 | 16.18 | 21.4558 |
| 32.4118056 | 16.25 | 28.0157 | 32.5298611 | 16.25 | 27.0992 | 32.6478009 | 16.17 | 21.4611 |
| 32.4119213 | 16.25 | 28.0157 | 32.5299769 | 16.25 | 27.1965 | 32.6479167 | 16.18 | 21.5087 |
| 32.412037 | 16.25 | 27.9774 | 32.5300926 | 16.25 | 27.6076 | 32.6480324 | 16.17 | 21.4655 |
| 32.4121528 | 16.25 | 27.8442 | 32.5302083 | 16.25 | 27.3785 | 32.6481482 | 16.18 | 21.5242 |
| 32.4122685 | 16.25 | 27.5037 | 32.5303241 | 16.25 | 27.0777 | 32.6482639 | 16.18 | 21.8162 |
| 32.4123843 | 16.27 | 28.2645 | 32.5304398 | 16.25 | 27.3565 | 32.6483796 | 16.18 | 21.6736 |
| 32.4125 | 16.21 | 25.693 | 32.5305556 | 16.27 | 27.8379 | 32.6484954 | 16.2 | 21.7124 |
| 32.4126157 | 16.25 | 27.8329 | 32.5306713 | 16.27 | 28.2762 | 32.6486111 | 16.18 | 21.6198 |
| 32.4127315 | 16.21 | 25.6351 | 32.530787 | 16.27 | 28.2528 | 32.6487269 | 16.17 | 21.6096 |
| 32.4128472 | 16.21 | 26.3036 | 32.5309028 | 16.27 | 28.2295 | 32.6488426 | 16.18 | 21.6534 |
| 32.412963 | 16.21 | 26.129 | 32.5310185 | 16.27 | 28.4965 | 32.6489583 | 16.18 | 21.6804 |
| 32.4130787 | 16.22 | 27.03 | 32.5311343 | 16.27 | 27.9749 | 32.6490741 | 16.18 | 21.6849 |
| 32.4131944 | 16.24 | 27.0093 | 32.53125 | 16.24 | 27.4257 | 32.6491898 | 16.18 | 21.7164 |
| 32.4133102 | 16.21 | 25.9732 | 32.5313657 | 16.27 | 26.9535 | 32.6493056 | 16.18 | 21.7549 |
| 32.4134259 | 16.21 | 25.8193 | 32.5314815 | 16.25 | 27.1893 | 32.6494213 | 16.18 | 21.7232 |
| 32.4135417 | 16.14 | 22.4178 | 32.5315972 | 16.27 | 27.8492 | 32.649537 | 16.18 | 21.7164 |
| 32.4136574 | 16.22 | 27.3332 | 32.531713 | 16.27 | 28.1248 | 32.6496528 | 16.18 | 21.739 |
| 32.4137732 | 16.25 | 27.6299 | 32.5318287 | 16.27 | 28.0746 | 32.6497685 | 16.18 | 21.7776 |
| 32.4138889 | 16.22 | 26.8421 | 32.5319444 | 16.28 | 27.9602 | 32.6498843 | 16.18 | 21.7662 |
| 32.4140046 | 16.22 | 26.5461 | 32.5320602 | 16.28 | 28.0791 | 32.65 | 16.17 | 21.7558 |
| 32.4141204 | 16.15 | 23.943 | 32.5321759 | 16.27 | 27.2772 | 32.6501157 | 16.18 | 21.8322 |
| 32.4142361 | 16.18 | 25.1912 | 32.5322917 | 16.25 | 27.1604 | 32.6502315 | 16.18 | 21.7821 |
| 32.4143519 | 16.17 | 24.6148 | 32.5324074 | 16.25 | 27.3091 | 32.6503472 | 16.18 | 21.8551 |
| 32.4144676 | 16.15 | 23.7146 | 32.5325232 | 16.27 | 27.2409 | 32.650463 | 16.18 | 22.0561 |
| 32.4145833 | 16.18 | 24.5089 | 32.5326389 | 16.27 | 27.3429 | 32.6505787 | 16.18 | 22.0212 |
| 32.4146991 | 16.2 | 25.6737 | 32.5327546 | 16.28 | 27.2813 | 32.6506944 | 16.17 | 21.9756 |
| 32.4148148 | 16.18 | 25.4222 | 32.5328704 | 16.27 | 27.8948 | 32.6508102 | 16.17 | 21.8422 |
| 32.4149306 | 16.18 | 25.5712 | 32.5329861 | 16.27 | 27.564 | 32.6509259 | 16.17 | 21.8422 |
| 32.4150463 | 16.15 | 23.4909 | 32.5331019 | 16.27 | 27.2772 | 32.6510417 | 16.17 | 21.9087 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.415162 | 16.22 | 27.1124 | 32.5332176 | 16.25 | 27.0026 | 32.6511574 | 16.17 | 21.8537 |
| 32.4152778 | 16.24 | 27.8701 | 32.5333333 | 16.27 | 27.1757 | 32.6512732 | 16.15 | 21.8326 |
| 32.4153935 | 16.2 | 25.7705 | 32.5334491 | 16.27 | 27.136 | 32.6513889 | 16.15 | 21.8166 |
| 32.4155093 | 16.2 | 25.2592 | 32.5335648 | 16.27 | 27.1937 | 32.6515046 | 16.17 | 21.7875 |
| 32.415625 | 16.22 | 27.3296 | 32.5336806 | 16.27 | 27.1072 | 32.6516204 | 16.15 | 21.7939 |
| 32.4157407 | 16.24 | 27.0629 | 32.5337963 | 16.28 | 27.1112 | 32.6517361 | 16.17 | 21.7944 |
| 32.4158565 | 16.22 | 26.8985 | 32.533912 | 16.27 | 27.0749 | 32.6518519 | 16.17 | 21.9087 |
| 32.4159722 | 16.22 | 26.6255 | 32.5340278 | 16.27 | 26.9891 | 32.6519676 | 16.17 | 22.2954 |
| 32.416088 | 16.25 | 27.6636 | 32.5341435 | 16.25 | 26.9848 | 32.6520833 | 16.15 | 21.9427 |
| 32.4162037 | 16.25 | 28.1582 | 32.5342593 | 16.27 | 26.9713 | 32.6521991 | 16.17 | 21.8217 |
| 32.4163194 | 16.25 | 27.6785 | 32.534375 | 16.27 | 26.9713 | 32.6523148 | 16.17 | 21.9548 |
| 32.4164352 | 16.25 | 27.7762 | 32.5344907 | 16.27 | 26.9322 | 32.6524306 | 16.17 | 21.9087 |
| 32.4165509 | 16.25 | 28.0118 | 32.5346065 | 16.27 | 26.9642 | 32.6525463 | 16.15 | 21.876 |
| 32.4166667 | 16.25 | 27.6188 | 32.5347222 | 16.28 | 26.9361 | 32.652662 | 16.15 | 21.8486 |
| 32.4167824 | 16.25 | 28.031 | 32.534838 | 16.27 | 26.9535 | 32.6527778 | 16.14 | 21.7925 |
| 32.4168982 | 16.25 | 27.8139 | 32.5349537 | 16.27 | 26.9713 | 32.6528935 | 16.15 | 21.8053 |
| 32.4170139 | 16.25 | 28.1969 | 32.5350694 | 16.27 | 26.9499 | 32.6530093 | 16.15 | 21.8212 |
| 32.4171296 | 16.27 | 28.1867 | 32.5351852 | 16.27 | 26.9855 | 32.653125 | 16.14 | 21.7948 |
| 32.4172454 | 16.27 | 28.2372 | 32.5353009 | 16.27 | 26.982 | 32.6532407 | 16.14 | 21.8107 |
| 32.4173611 | 16.27 | 28.4253 | 32.5354167 | 16.27 | 26.9891 | 32.6533565 | 16.14 | 21.7766 |
| 32.4174769 | 16.25 | 28.054 | 32.5355324 | 16.27 | 26.9998 | 32.6534722 | 16.14 | 21.7834 |
| 32.4175926 | 16.25 | 27.686 | 32.5356482 | 16.27 | 26.9962 | 32.653588 | 16.14 | 21.7993 |
| 32.4177083 | 16.25 | 27.8935 | 32.5357639 | 16.27 | 26.9713 | 32.6537037 | 16.14 | 21.788 |
| 32.4178241 | 16.25 | 27.8632 | 32.5358796 | 16.27 | 27.0176 | 32.6538194 | 16.14 | 21.8312 |
| 32.4179398 | 16.25 | 28.1118 | 32.5359954 | 16.27 | 26.9606 | 32.6539352 | 16.14 | 21.9643 |
| 32.4180556 | 16.25 | 27.9736 | 32.5361111 | 16.27 | 27.0212 | 32.6540509 | 16.15 | 22.2898 |
| 32.4181713 | 16.24 | 27.9005 | 32.5362269 | 16.27 | 27.0176 | 32.6541667 | 16.14 | 22.5881 |
| 32.418287 | 16.24 | 27.7305 | 32.5363426 | 16.27 | 26.982 | 32.6542824 | 16.15 | 22.5238 |
| 32.4184028 | 16.24 | 28.4151 | 32.5364583 | 16.27 | 27.0069 | 32.6543982 | 16.14 | 22.8439 |
| 32.4185185 | 16.25 | 28.5028 | 32.5365741 | 16.27 | 27.0176 | 32.6545139 | 16.15 | 22.8886 |
| 32.4186343 | 16.25 | 28.4514 | 32.5366898 | 16.27 | 27.0176 | 32.6546296 | 16.15 | 23.235 |
| 32.41875 | 16.24 | 27.95 | 32.5368056 | 16.28 | 27.0287 | 32.6547454 | 16.15 | 23.5928 |
| 32.4188657 | 16.25 | 28.1002 | 32.5369213 | 16.28 | 27.0466 | 32.6548611 | 16.15 | 23.0925 |
| 32.4189815 | 16.22 | 28.5322 | 32.537037 | 16.27 | 27.014 | 32.6549769 | 16.14 | 22.4637 |
| 32.4190972 | 16.22 | 28.0828 | 32.5371528 | 16.27 | 27.0176 | 32.6550926 | 16.14 | 22.4589 |
| 32.419213 | 16.24 | 28.2001 | 32.5372685 | 16.27 | 27.0462 | 32.6552083 | 16.14 | 22.3408 |
| 32.4193287 | 16.22 | 27.528 | 32.5373843 | 16.28 | 27.0287 | 32.6553241 | 16.14 | 22.5124 |
| 32.4194444 | 16.21 | 27.0833 | 32.5375 | 16.27 | 27.0462 | 32.6554398 | 16.15 | 22.6243 |
| 32.4195602 | 16.21 | 27.4795 | 32.5376157 | 16.28 | 27.0395 | 32.6555556 | 16.14 | 22.4347 |
| 32.4196759 | 16.22 | 27.4064 | 32.5377315 | 16.28 | 27.0645 | 32.6556713 | 16.12 | 22.4097 |
| 32.4197917 | 16.21 | 26.9797 | 32.5378472 | 16.27 | 27.0355 | 32.655787 | 16.14 | 22.3576 |
| 32.4199074 | 16.24 | 27.6967 | 32.537963 | 16.27 | 27.0426 | 32.6559028 | 16.17 | 23.3308 |
| 32.4200232 | 16.21 | 27.2165 | 32.5380787 | 16.28 | 27.018 | 32.6560185 | 16.15 | 22.9367 |
| 32.4201389 | 16.22 | 28.3586 | 32.5381944 | 16.28 | 27.018 | 32.6561343 | 16.15 | 23.4589 |
| 32.4202546 | 16.24 | 28.2897 | 32.5383102 | 16.28 | 27.018 | 32.65625 | 16.17 | 23.5139 |
| 32.4203704 | 16.24 | 28.2819 | 32.5384259 | 16.27 | 27.0462 | 32.6563657 | 16.15 | 23.1131 |
| 32.4204861 | 16.22 | 27.606 | 32.5385417 | 16.28 | 27.0287 | 32.6564815 | 16.14 | 22.8817 |
| 32.4206019 | 16.22 | 26.7508 | 32.5386574 | 16.27 | 27.0534 | 32.6565972 | 16.14 | 22.5245 |
| 32.4207176 | 16.22 | 27.6171 | 32.5387732 | 16.28 | 27.0359 | 32.656713 | 16.15 | 22.5067 |
| 32.4208333 | 16.24 | 27.4662 | 32.5388889 | 16.28 | 27.0287 | 32.6568287 | 16.15 | 22.5899 |
| 32.4209491 | 16.24 | 27.2613 | 32.5390046 | 16.28 | 27.0645 | 32.6569444 | 16.17 | 22.5418 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4210648 | 16.22 | 26.7789 | 32.5391204 | 16.28 | 27.0645 | 32.6570602 | 16.15 | 22.4946 |
| 32.4211806 | 16.22 | 26.8245 | 32.5392361 | 16.27 | 27.0534 | 32.6571759 | 16.15 | 22.4533 |
| 32.4212963 | 16.22 | 26.9127 | 32.5393519 | 16.27 | 27.0749 | 32.6572917 | 16.14 | 22.3864 |
| 32.421412 | 16.22 | 26.6915 | 32.5394676 | 16.27 | 27.0534 | 32.6574074 | 16.15 | 22.3113 |
| 32.4215278 | 16.22 | 26.5737 | 32.5395833 | 16.28 | 27.0538 | 32.6575232 | 16.12 | 22.4532 |
| 32.4216435 | 16.22 | 26.6255 | 32.5396991 | 16.28 | 27.0323 | 32.6576389 | 16.12 | 22.3113 |
| 32.4217593 | 16.22 | 26.6811 | 32.5398148 | 16.27 | 27.0498 | 32.6577546 | 16.14 | 22.4057 |
| 32.421875 | 16.22 | 26.5014 | 32.5399306 | 16.27 | 27.0391 | 32.6578704 | 16.14 | 22.5832 |
| 32.4219907 | 16.22 | 26.7613 | 32.5400463 | 16.28 | 27.0395 | 32.6579861 | 16.14 | 22.2359 |
| 32.4221065 | 16.24 | 26.7375 | 32.540162 | 16.28 | 27.0574 | 32.6581019 | 16.14 | 22.4468 |
| 32.4222222 | 16.24 | 26.6608 | 32.5402778 | 16.27 | 27.0355 | 32.6582176 | 16.14 | 22.3001 |
| 32.422338 | 16.24 | 26.7026 | 32.5403935 | 16.28 | 27.018 | 32.6583333 | 16.15 | 22.3424 |
| 32.4224537 | 16.22 | 26.7159 | 32.5405093 | 16.25 | 26.6333 | 32.6584491 | 16.14 | 22.3288 |
| 32.4225694 | 16.22 | 26.6186 | 32.540625 | 16.25 | 26.4849 | 32.6585648 | 16.14 | 22.336 |
| 32.4226852 | 16.22 | 26.5771 | 32.5407407 | 16.25 | 26.4575 | 32.6586806 | 16.14 | 22.2075 |
| 32.4228009 | 16.22 | 26.6151 | 32.5408565 | 16.25 | 26.3722 | 32.6587963 | 16.12 | 22.122 |
| 32.4229167 | 16.22 | 26.4945 | 32.5409722 | 16.25 | 26.3552 | 32.658912 | 16.12 | 22.1572 |
| 32.4230324 | 16.22 | 26.7789 | 32.541088 | 16.25 | 26.1898 | 32.6590278 | 16.12 | 22.2186 |
| 32.4231482 | 16.22 | 26.9765 | 32.5412037 | 16.25 | 26.1062 | 32.6591435 | 16.12 | 22.0729 |
| 32.4232639 | 16.24 | 27.8133 | 32.5413194 | 16.24 | 25.911 | 32.6592593 | 16.12 | 22.328 |
| 32.4233796 | 16.24 | 27.7079 | 32.5414352 | 16.25 | 25.8456 | 32.659375 | 16.14 | 22.3816 |
| 32.4234954 | 16.2 | 25.4095 | 32.5415509 | 16.25 | 25.8489 | 32.6594907 | 16.11 | 22.336 |
| 32.4236111 | 16.24 | 27.3707 | 32.5416667 | 16.25 | 25.8914 | 32.6596065 | 16.14 | 23.029 |
| 32.4237269 | 16.22 | 26.9162 | 32.5417824 | 16.25 | 25.9144 | 32.6597222 | 16.12 | 22.4629 |
| 32.4238426 | 16.21 | 27.0082 | 32.5418982 | 16.25 | 25.787 | 32.659838 | 16.12 | 22.4459 |
| 32.4239583 | 16.21 | 27.4721 | 32.5420139 | 16.25 | 25.9144 | 32.6599537 | 16.14 | 22.8364 |
| 32.4240741 | 16.25 | 27.8253 | 32.5421296 | 16.25 | 25.8947 | 32.6600694 | 16.14 | 22.8691 |
| 32.4241898 | 16.22 | 26.7894 | 32.5422454 | 16.24 | 25.9702 | 32.6601852 | 16.14 | 22.6497 |
| 32.4243056 | 16.08 | 21.665 | 32.5423611 | 16.24 | 25.839 | 32.6603009 | 16.12 | 22.5529 |
| 32.4244213 | 16.22 | 27.7443 | 32.5424769 | 16.24 | 25.8325 | 32.6604167 | 16.14 | 22.625 |
| 32.424537 | 16.18 | 24.2861 | 32.5425926 | 16.25 | 25.6641 | 32.6605324 | 16.12 | 22.4629 |
| 32.4246528 | 16.11 | 22.3241 | 32.5427083 | 16.25 | 26.0067 | 32.6606482 | 16.14 | 22.5221 |
| 32.4247685 | 16.22 | 27.7106 | 32.5428241 | 16.25 | 26.4678 | 32.6607639 | 16.12 | 22.4049 |
| 32.4248843 | 16.18 | 25.2718 | 32.5429398 | 16.25 | 26.1196 | 32.6608796 | 16.12 | 22.5896 |
| 32.425 | 16.2 | 26.2025 | 32.5430556 | 16.25 | 25.8914 | 32.6609954 | 16.12 | 22.6068 |
| 32.4251157 | 16.15 | 26.0057 | 32.5431713 | 16.25 | 26.9599 | 32.6611111 | 16.12 | 22.9565 |
| 32.4252315 | 16.21 | 26.7645 | 32.543287 | 16.25 | 26.7763 | 32.6612269 | 16.15 | 23.196 |
| 32.4253472 | 16.18 | 25.6191 | 32.5434028 | 16.24 | 26.0895 | 32.6613426 | 16.14 | 23.2018 |
| 32.425463 | 16.17 | 25.8615 | 32.5435185 | 16.24 | 26.1562 | 32.6614583 | 16.14 | 23.2513 |
| 32.4255787 | 16.18 | 25.004 | 32.5436343 | 16.25 | 26.2942 | 32.6615741 | 16.11 | 22.7984 |
| 32.4256944 | 16.12 | 23.6835 | 32.54375 | 16.25 | 26.3416 | 32.6616898 | 16.12 | 22.9615 |
| 32.4258102 | 16.08 | 21.197 | 32.5438657 | 16.24 | 26.1964 | 32.6618056 | 16.14 | 23.7342 |
| 32.4259259 | 16.17 | 25.3093 | 32.5439815 | 16.25 | 26.1062 | 32.6619213 | 16.12 | 23.1615 |
| 32.4260417 | 16.2 | 26.0491 | 32.5440972 | 16.24 | 26.0463 | 32.662037 | 16.12 | 22.7877 |
| 32.4261574 | 16.2 | 26.1656 | 32.544213 | 16.24 | 26.3177 | 32.6621528 | 16.14 | 23.0598 |
| 32.4262732 | 16.17 | 24.7362 | 32.5443287 | 16.24 | 26.3788 | 32.6622685 | 16.14 | 23.3483 |
| 32.4263889 | 16.2 | 25.8323 | 32.5444444 | 16.24 | 26.1729 | 32.6623843 | 16.14 | 23.1422 |
| 32.4265046 | 16.21 | 26.6947 | 32.5445602 | 16.24 | 26.3347 | 32.6625 | 16.14 | 23.3483 |
| 32.4266204 | 16.17 | 25.4569 | 32.5446759 | 16.24 | 26.4299 | 32.6626157 | 16.15 | 23.6712 |
| 32.4267361 | 16.15 | 24.7665 | 32.5447917 | 16.24 | 26.5122 | 32.6627315 | 16.14 | 23.7178 |
| 32.4268519 | 16.12 | 23.5782 | 32.5449074 | 16.24 | 26.4916 | 32.6628472 | 16.15 | 23.7119 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4269676 | 16.11 | 22.5049 | 32.5450232 | 16.24 | 26.4197 | 32.662963 | 16.15 | 23.7201 |
| 32.4270833 | 16.18 | 26.039 | 32.5451389 | 16.24 | 26.447 | 32.6630787 | 16.15 | 23.6929 |
| 32.4271991 | 16.17 | 25.2409 | 32.5452546 | 16.25 | 26.4575 | 32.6631944 | 16.14 | 23.7642 |
| 32.4273148 | 16.22 | 27.3881 | 32.5453704 | 16.24 | 26.4539 | 32.6633102 | 16.15 | 23.8682 |
| 32.4274306 | 16.18 | 25.1912 | 32.5454861 | 16.24 | 26.4095 | 32.6634259 | 16.15 | 23.761 |
| 32.4275463 | 16.12 | 23.242 | 32.5456019 | 16.24 | 26.3822 | 32.6635417 | 16.17 | 23.8232 |
| 32.427662 | 16.12 | 25.0721 | 32.5457176 | 16.24 | 26.3414 | 32.6636574 | 16.12 | 23.6105 |
| 32.4277778 | 16.21 | 27.0546 | 32.5458333 | 16.24 | 26.355 | 32.6637732 | 16.14 | 23.4064 |
| 32.4278935 | 16.22 | 27.554 | 32.5459491 | 16.24 | 26.3177 | 32.6638889 | 16.12 | 23.015 |
| 32.4280093 | 16.12 | 22.4097 | 32.5460648 | 16.25 | 26.2503 | 32.6640046 | 16.12 | 23.0739 |
| 32.428125 | 16.17 | 25.1604 | 32.5461806 | 16.24 | 26.2771 | 32.6641204 | 16.12 | 22.9286 |
| 32.4282407 | 16.18 | 25.5076 | 32.5462963 | 16.24 | 26.2738 | 32.6642361 | 16.12 | 22.6783 |
| 32.4283565 | 16.2 | 25.9797 | 32.546412 | 16.24 | 26.2974 | 32.6643519 | 16.12 | 22.8604 |
| 32.4284722 | 16.15 | 23.523 | 32.5465278 | 16.24 | 26.2805 | 32.6644676 | 16.12 | 22.8932 |
| 32.428588 | 16.14 | 24.478 | 32.5466435 | 16.24 | 26.372 | 32.6645833 | 16.12 | 22.868 |
| 32.4287037 | 16.2 | 26.2562 | 32.5467593 | 16.24 | 26.3448 | 32.6646991 | 16.12 | 23.1176 |
| 32.4288194 | 16.21 | 27.1515 | 32.546875 | 16.24 | 26.3076 | 32.6648148 | 16.11 | 22.9927 |
| 32.4289352 | 16.18 | 25.3124 | 32.5469907 | 16.24 | 26.3414 | 32.6649306 | 16.12 | 23.0406 |
| 32.4290509 | 16.14 | 24.9258 | 32.5471065 | 16.24 | 26.3414 | 32.6650463 | 16.12 | 23.2004 |
| 32.4291667 | 16.22 | 27.3186 | 32.5472222 | 16.24 | 26.3076 | 32.665162 | 16.12 | 23.1537 |
| 32.4292824 | 16.17 | 24.1752 | 32.547338 | 16.25 | 26.301 | 32.6652778 | 16.12 | 23.2264 |
| 32.4293982 | 16.14 | 24.0326 | 32.5474537 | 16.24 | 26.3042 | 32.6653935 | 16.12 | 23.0534 |
| 32.4295139 | 16.17 | 25.3187 | 32.5475694 | 16.24 | 26.2805 | 32.6655093 | 16.12 | 23.0611 |
| 32.4296296 | 16.17 | 24.9737 | 32.5476852 | 16.24 | 26.2907 | 32.665625 | 16.12 | 23.0354 |
| 32.4297454 | 16.2 | 26.0061 | 32.5478009 | 16.24 | 26.2907 | 32.6657407 | 16.11 | 22.9774 |
| 32.4298611 | 16.22 | 27.235 | 32.5479167 | 16.25 | 26.2841 | 32.6658565 | 16.12 | 23.079 |
| 32.4299769 | 16.21 | 26.9833 | 32.5480324 | 16.24 | 26.2907 | 32.6659722 | 16.12 | 23.1615 |
| 32.4300926 | 16.17 | 24.0735 | 32.5481482 | 16.24 | 26.3177 | 32.666088 | 16.12 | 23.2394 |
| 32.4302083 | 16.12 | 23.216 | 32.5482639 | 16.24 | 26.3177 | 32.6662037 | 16.12 | 23.0867 |
| 32.4303241 | 16.18 | 25.6994 | 32.5483796 | 16.24 | 26.3177 | 32.6663194 | 16.12 | 23.0996 |
| 32.4304398 | 16.17 | 25.2688 | 32.5484954 | 16.24 | 26.2907 | 32.6664352 | 16.12 | 23.1874 |
| 32.4305556 | 16.2 | 26.317 | 32.5486111 | 16.24 | 26.3008 | 32.6665509 | 16.11 | 23.1157 |
| 32.4306713 | 16.2 | 26.2461 | 32.5487269 | 16.25 | 26.2402 | 32.6666667 | 16.12 | 23.0842 |
| 32.430787 | 16.21 | 26.6843 | 32.5488426 | 16.25 | 25.5679 | 32.6667824 | 16.11 | 23.0106 |
| 32.4309028 | 16.2 | 25.7641 | 32.5489583 | 16.25 | 25.6127 | 32.6668982 | 16.11 | 22.8989 |
| 32.4310185 | 16.18 | 25.3343 | 32.5490741 | 16.25 | 25.677 | 32.6670139 | 16.11 | 22.9343 |
| 32.4311343 | 16.21 | 26.4874 | 32.5491898 | 16.27 | 25.3713 | 32.6671296 | 16.11 | 23.0284 |
| 32.43125 | 16.21 | 26.8558 | 32.5493056 | 16.27 | 25.4883 | 32.6672454 | 16.11 | 23.1802 |
| 32.4313657 | 16.12 | 23.1382 | 32.5494213 | 16.27 | 25.4724 | 32.6673611 | 16.12 | 23.2004 |
| 32.4314815 | 16.1 | 22.9857 | 32.549537 | 16.27 | 25.2586 | 32.6674769 | 16.12 | 23.2368 |
| 32.4315972 | 16.18 | 26.32 | 32.5496528 | 16.27 | 24.4363 | 32.6675926 | 16.11 | 23.2766 |
| 32.431713 | 16.2 | 26.4359 | 32.5497685 | 16.27 | 24.2029 | 32.6677083 | 16.11 | 23.3684 |
| 32.4318287 | 16.2 | 26.5009 | 32.5498843 | 16.28 | 24.2112 | 32.6678241 | 16.11 | 23.4319 |
| 32.4319444 | 16.12 | 22.8856 | 32.55 | 16.27 | 25.1531 | 32.6679398 | 16.11 | 23.3843 |
| 32.4320602 | 16.12 | 24.5867 | 32.5501157 | 16.25 | 26.0067 | 32.6680556 | 16.11 | 23.3975 |
| 32.4321759 | 16.18 | 25.9598 | 32.5502315 | 16.25 | 25.9967 | 32.6681713 | 16.11 | 23.3975 |
| 32.4322917 | 16.21 | 27.2056 | 32.5503472 | 16.27 | 24.4247 | 32.668287 | 16.11 | 23.3922 |
| 32.4324074 | 16.17 | 24.772 | 32.550463 | 16.27 | 24.0753 | 32.6684028 | 16.11 | 23.4054 |
| 32.4325232 | 16.24 | 27.9386 | 32.5505787 | 16.27 | 24.1177 | 32.6685185 | 16.11 | 23.5251 |
| 32.4326389 | 16.22 | 27.1016 | 32.5506944 | 16.27 | 24.1262 | 32.6686343 | 16.11 | 23.5358 |
| 32.4327546 | 16.17 | 24.4916 | 32.5508102 | 16.27 | 24.2659 | 32.66875 | 16.11 | 23.5171 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4328704 | 16.17 | 25.0836 | 32.5509259 | 16.27 | 24.2601 | 32.6688657 | 16.1 | 23.5283 |
| 32.4329861 | 16.22 | 26.7055 | 32.5510417 | 16.27 | 24.48 | 32.6689815 | 16.11 | 23.3474 |
| 32.4331019 | 16.18 | 25.9434 | 32.5511574 | 16.28 | 24.556 | 32.6690972 | 16.1 | 23.3401 |
| 32.4332176 | 16.12 | 23.7625 | 32.5512732 | 16.27 | 24.3725 | 32.669213 | 16.1 | 23.2484 |
| 32.4333333 | 16.12 | 23.3916 | 32.5513889 | 16.27 | 23.5813 | 32.6693287 | 16.1 | 23.2693 |
| 32.4334491 | 16.17 | 26.3503 | 32.5515046 | 16.27 | 23.5571 | 32.6694444 | 16.11 | 23.4904 |
| 32.4335648 | 16.2 | 26.7923 | 32.5516204 | 16.25 | 26.1229 | 32.6695602 | 16.1 | 23.2955 |
| 32.4336806 | 16.11 | 22.8611 | 32.5517361 | 16.27 | 24.3464 | 32.6696759 | 16.1 | 23.1111 |
| 32.4337963 | 16.11 | 23.611 | 32.5518519 | 16.27 | 24.0134 | 32.6697917 | 16.1 | 23.1421 |
| 32.433912 | 16.08 | 22.6418 | 32.5519676 | 16.28 | 24.3809 | 32.6699074 | 16.1 | 23.047 |
| 32.4340278 | 16.07 | 22.0678 | 32.5520833 | 16.27 | 24.5975 | 32.6700232 | 16.1 | 23.0393 |
| 32.4341435 | 16.12 | 23.9749 | 32.5521991 | 16.27 | 24.48 | 32.6701389 | 16.08 | 23.0893 |
| 32.4342593 | 16.18 | 26.2626 | 32.5523148 | 16.27 | 24.4654 | 32.6702546 | 16.1 | 23.1034 |
| 32.434375 | 16.22 | 27.5577 | 32.5524306 | 16.27 | 24.1887 | 32.6703704 | 16.1 | 23.1034 |
| 32.4344907 | 16.2 | 26.7049 | 32.5525463 | 16.27 | 24.0697 | 32.6704861 | 16.1 | 23.1602 |
| 32.4346065 | 16.17 | 25.2377 | 32.552662 | 16.27 | 24.1602 | 32.6706019 | 16.1 | 23.2432 |
| 32.4347222 | 16.18 | 26.1787 | 32.5527778 | 16.27 | 24.2372 | 32.6707176 | 16.1 | 23.2798 |
| 32.434838 | 16.18 | 25.5139 | 32.5528935 | 16.27 | 24.4859 | 32.6708333 | 16.1 | 23.2693 |
| 32.4349537 | 16.21 | 26.775 | 32.5530093 | 16.27 | 24.4305 | 32.6709491 | 16.08 | 23.1511 |
| 32.4350694 | 16.21 | 27.0761 | 32.553125 | 16.27 | 24.3927 | 32.6710648 | 16.08 | 23.2236 |
| 32.4351852 | 16.21 | 26.351 | 32.5532407 | 16.27 | 24.286 | 32.6711806 | 16.1 | 23.4989 |
| 32.4353009 | 16.22 | 27.0015 | 32.5533565 | 16.25 | 24.6778 | 32.6712963 | 16.11 | 23.3869 |
| 32.4354167 | 16.22 | 26.6811 | 32.5534722 | 16.27 | 24.5945 | 32.671412 | 16.11 | 23.5091 |
| 32.4355324 | 16.18 | 25.9335 | 32.553588 | 16.27 | 24.5093 | 32.6715278 | 16.11 | 23.7357 |
| 32.4356482 | 16.15 | 24.0043 | 32.5537037 | 16.25 | 24.7404 | 32.6716435 | 16.11 | 23.7438 |
| 32.4357639 | 16.14 | 23.6419 | 32.5538194 | 16.27 | 24.7848 | 32.6717593 | 16.11 | 23.7711 |
| 32.4358796 | 16.14 | 24.2247 | 32.5539352 | 16.27 | 24.5768 | 32.671875 | 16.11 | 23.6353 |
| 32.4359954 | 16.17 | 25.5553 | 32.5540509 | 16.27 | 24.3436 | 32.6719907 | 16.11 | 23.6218 |
| 32.4361111 | 16.18 | 25.5839 | 32.5541667 | 16.25 | 25.5519 | 32.6721065 | 16.11 | 23.6569 |
| 32.4362269 | 16.15 | 24.4893 | 32.5542824 | 16.25 | 25.0947 | 32.6722222 | 16.12 | 23.7243 |
| 32.4363426 | 16.17 | 24.6679 | 32.5543982 | 16.25 | 25.2245 | 32.672338 | 16.11 | 23.6029 |
| 32.4364583 | 16.15 | 25.0441 | 32.5545139 | 16.27 | 25.1747 | 32.6724537 | 16.11 | 23.6353 |
| 32.4365741 | 16.18 | 25.4727 | 32.5546296 | 16.25 | 24.0592 | 32.6725694 | 16.11 | 23.6894 |
| 32.4366898 | 16.2 | 26.3339 | 32.5547454 | 16.25 | 24.4194 | 32.6726852 | 16.12 | 23.7707 |
| 32.4368056 | 16.18 | 26.1353 | 32.5548611 | 16.25 | 25.3934 | 32.6728009 | 16.11 | 23.6677 |
| 32.4369213 | 16.12 | 23.6429 | 32.5549769 | 16.25 | 24.5744 | 32.6729167 | 16.11 | 23.6353 |
| 32.437037 | 16.15 | 25.3815 | 32.5550926 | 16.25 | 24.6452 | 32.6730324 | 16.11 | 23.6353 |
| 32.4371528 | 16.14 | 24.2961 | 32.5552083 | 16.25 | 24.7672 | 32.6731482 | 16.11 | 23.6894 |
| 32.4372685 | 16.15 | 26.0652 | 32.5553241 | 16.25 | 24.6512 | 32.6732639 | 16.11 | 23.7958 |
| 32.4373843 | 16.15 | 24.8864 | 32.5554398 | 16.27 | 24.5975 | 32.6733796 | 16.11 | 23.8232 |
| 32.4375 | 16.15 | 24.9045 | 32.5555556 | 16.25 | 24.1439 | 32.6734954 | 16.11 | 23.7903 |
| 32.4376157 | 16.15 | 24.7099 | 32.5556713 | 16.27 | 24.5034 | 32.6736111 | 16.11 | 23.7766 |
| 32.4377315 | 16.14 | 24.95 | 32.555787 | 16.25 | 24.8724 | 32.6737269 | 16.11 | 23.804 |
| 32.4378472 | 16.1 | 23.5123 | 32.5559028 | 16.25 | 25.4629 | 32.6738426 | 16.11 | 23.8122 |
| 32.437963 | 16.1 | 23.4033 | 32.5560185 | 16.25 | 25.6802 | 32.6739583 | 16.11 | 23.804 |
| 32.4380787 | 16.11 | 23.6894 | 32.5561343 | 16.25 | 25.9308 | 32.6740741 | 16.11 | 23.9197 |
| 32.4381944 | 16.11 | 23.5599 | 32.55625 | 16.25 | 25.8652 | 32.6741898 | 16.11 | 23.8369 |
| 32.4383102 | 16.14 | 24.2817 | 32.5563657 | 16.25 | 26.2335 | 32.6743056 | 16.11 | 23.9336 |
| 32.4384259 | 16.14 | 25.1423 | 32.5564815 | 16.27 | 25.9277 | 32.6744213 | 16.11 | 23.9614 |
| 32.4385417 | 16.1 | 23.7334 | 32.5565972 | 16.27 | 26.1332 | 32.674537 | 16.11 | 23.8921 |
| 32.4386574 | 16.11 | 23.8177 | 32.556713 | 16.25 | 25.7675 | 32.6746528 | 16.12 | 23.9944 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4387732 | 16.11 | 24.3086 | 32.5568287 | 16.25 | 25.7935 | 32.6747685 | 16.11 | 24.0451 |
| 32.4388889 | 16.11 | 24.5577 | 32.5569444 | 16.27 | 25.4883 | 32.6748843 | 16.11 | 24.0283 |
| 32.4390046 | 16.12 | 24.3456 | 32.5570602 | 16.27 | 25.7449 | 32.675 | 16.11 | 24.0984 |
| 32.4391204 | 16.18 | 26.2761 | 32.5571759 | 16.25 | 26.0962 | 32.6751157 | 16.11 | 24.0703 |
| 32.4392361 | 16.14 | 24.8505 | 32.5572917 | 16.27 | 26.3217 | 32.6752315 | 16.12 | 24.0643 |
| 32.4393519 | 16.1 | 23.5739 | 32.5574074 | 16.27 | 26.05 | 32.6753472 | 16.12 | 24.1347 |
| 32.4394676 | 16.07 | 23.232 | 32.5575232 | 16.25 | 25.8718 | 32.675463 | 16.11 | 24.121 |
| 32.4395833 | 16.1 | 23.9341 | 32.5576389 | 16.27 | 26.1099 | 32.6755787 | 16.11 | 24.1182 |
| 32.4396991 | 16.11 | 24.1435 | 32.5577546 | 16.27 | 25.9672 | 32.6756944 | 16.12 | 24.0587 |
| 32.4398148 | 16.1 | 23.6926 | 32.5578704 | 16.27 | 26.5198 | 32.6758102 | 16.11 | 24.1182 |
| 32.4399306 | 16.1 | 23.6277 | 32.5579861 | 16.25 | 24.2665 | 32.6759259 | 16.1 | 24.0904 |
| 32.4400463 | 16.1 | 23.9674 | 32.5581019 | 16.25 | 25.8751 | 32.6760417 | 16.11 | 24.169 |
| 32.440162 | 16.11 | 24.3143 | 32.5582176 | 16.27 | 25.3054 | 32.6761574 | 16.11 | 24.1125 |
| 32.4402778 | 16.11 | 24.0367 | 32.5583333 | 16.27 | 25.0853 | 32.6762732 | 16.11 | 24.0367 |
| 32.4403935 | 16.17 | 26.1519 | 32.5584491 | 16.25 | 25.0824 | 32.6763889 | 16.11 | 24.169 |
| 32.4405093 | 16.14 | 24.365 | 32.5585648 | 16.27 | 24.6477 | 32.6765046 | 16.11 | 24.0844 |
| 32.440625 | 16.11 | 23.7084 | 32.5586806 | 16.27 | 24.005 | 32.6766204 | 16.1 | 23.9674 |
| 32.4407407 | 16.11 | 23.6677 | 32.5587963 | 16.27 | 24.5916 | 32.6767361 | 16.11 | 24.0367 |
| 32.4408565 | 16.11 | 23.881 | 32.558912 | 16.25 | 24.7912 | 32.6768519 | 16.11 | 24.0032 |
| 32.4409722 | 16.1 | 23.8237 | 32.5590278 | 16.25 | 25.0059 | 32.6769676 | 16.11 | 23.9253 |
| 32.441088 | 16.1 | 23.8567 | 32.5591435 | 16.27 | 25.1469 | 32.6770833 | 16.11 | 23.9948 |
| 32.4412037 | 16.11 | 23.8866 | 32.5592593 | 16.27 | 25.4249 | 32.6771991 | 16.11 | 24.0227 |
| 32.4413194 | 16.11 | 23.9059 | 32.559375 | 16.27 | 24.309 | 32.6773148 | 16.1 | 23.9452 |
| 32.4414352 | 16.11 | 23.859 | 32.5594907 | 16.27 | 24.4654 | 32.6774306 | 16.11 | 24.0004 |
| 32.4415509 | 16.11 | 23.722 | 32.5596065 | 16.27 | 24.3349 | 32.6775463 | 16.12 | 24.0307 |
| 32.4416667 | 16.12 | 24.0475 | 32.5597222 | 16.27 | 23.8408 | 32.677662 | 16.1 | 24.0623 |
| 32.4417824 | 16.11 | 23.9419 | 32.559838 | 16.27 | 24.3436 | 32.6777778 | 16.1 | 24.1045 |
| 32.4418982 | 16.1 | 23.8154 | 32.5599537 | 16.25 | 23.3447 | 32.6778935 | 16.11 | 24.1351 |
| 32.4420139 | 16.11 | 23.7357 | 32.5600694 | 16.25 | 25.4724 | 32.6780093 | 16.11 | 24.1775 |
| 32.4421296 | 16.11 | 23.6759 | 32.5601852 | 16.27 | 23.1628 | 32.678125 | 16.11 | 24.169 |
| 32.4422454 | 16.1 | 23.6926 | 32.5603009 | 16.27 | 24.9782 | 32.6782407 | 16.11 | 24.1633 |
| 32.4423611 | 16.08 | 23.653 | 32.5604167 | 16.28 | 22.7392 | 32.6783565 | 16.11 | 24.0844 |
| 32.4424769 | 16.1 | 23.6061 | 32.5605324 | 16.27 | 24.9843 | 32.6784722 | 16.1 | 24.0848 |
| 32.4425926 | 16.1 | 23.5927 | 32.5606482 | 16.27 | 23.6165 | 32.678588 | 16.11 | 24.0788 |
| 32.4427083 | 16.1 | 23.5792 | 32.5607639 | 16.27 | 25.027 | 32.6787037 | 16.11 | 24.1407 |
| 32.4428241 | 16.1 | 23.6791 | 32.5608796 | 16.27 | 24.3147 | 32.6788194 | 16.1 | 24.0287 |
| 32.4429398 | 16.1 | 23.5819 | 32.5609954 | 16.27 | 21.6812 | 32.6789352 | 16.11 | 24.1832 |
| 32.4430556 | 16.1 | 23.6466 | 32.5611111 | 16.25 | 24.4631 | 32.6790509 | 16.1 | 24.3003 |
| 32.4431713 | 16.1 | 23.6601 | 32.5612269 | 16.25 | 23.1822 | 32.6791667 | 16.11 | 24.3143 |
| 32.443287 | 16.1 | 23.5123 | 32.5613426 | 16.24 | 23.5075 | 32.6792824 | 16.11 | 24.3373 |
| 32.4434028 | 16.1 | 23.5337 | 32.5614583 | 16.25 | 23.6148 | 32.6793982 | 16.11 | 24.3 |
| 32.4435185 | 16.08 | 23.3098 | 32.5615741 | 16.25 | 23.5904 | 32.6795139 | 16.12 | 24.4032 |
| 32.4436343 | 16.08 | 23.5454 | 32.5616898 | 16.25 | 23.4616 | 32.6796296 | 16.1 | 24.3635 |
| 32.44375 | 16.07 | 23.1491 | 32.5618056 | 16.25 | 23.3712 | 32.6797454 | 16.11 | 24.3545 |
| 32.4438657 | 16.1 | 23.4803 | 32.5619213 | 16.25 | 23.1588 | 32.6798611 | 16.11 | 24.2943 |
| 32.4439815 | 16.1 | 23.6926 | 32.562037 | 16.25 | 23.1718 | 32.6799769 | 16.11 | 24.3086 |
| 32.4440972 | 16.1 | 23.5685 | 32.5621528 | 16.24 | 23.1594 | 32.6800926 | 16.11 | 24.2885 |
| 32.444213 | 16.08 | 23.5 | 32.5622685 | 16.25 | 23.1458 | 32.6802083 | 16.1 | 24.0483 |
| 32.4443287 | 16.1 | 23.6008 | 32.5623843 | 16.24 | 23.1594 | 32.6803241 | 16.07 | 23.7404 |
| 32.4444444 | 16.08 | 23.1227 | 32.5625 | 16.24 | 22.969 | 32.6804398 | 16.07 | 23.5728 |
| 32.4445602 | 16.07 | 22.525 | 32.5626157 | 16.24 | 22.9435 | 32.6805556 | 16.08 | 23.8824 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4446759 | 16.07 | 22.5909 | 32.5627315 | 16.24 | 23.0176 | 32.6806713 | 16.05 | 23.9004 |
| 32.4447917 | 16.02 | 21.0717 | 32.5628472 | 16.24 | 23.248 | 32.680787 | 16.07 | 23.8663 |
| 32.4449074 | 16.07 | 22.145 | 32.562963 | 16.24 | 23.7568 | 32.6809028 | 16.08 | 24.0408 |
| 32.4450232 | 16.04 | 21.8836 | 32.5630787 | 16.25 | 24.0789 | 32.6810185 | 16.07 | 23.977 |
| 32.4451389 | 16.07 | 22.5787 | 32.5631944 | 16.24 | 23.3136 | 32.6811343 | 16.08 | 24.0128 |
| 32.4452546 | 16.07 | 21.8878 | 32.5633102 | 16.24 | 23.7651 | 32.68125 | 16.1 | 24.0567 |
| 32.4453704 | 16.07 | 21.8718 | 32.5634259 | 16.24 | 23.809 | 32.6813657 | 16.1 | 24.0707 |
| 32.4454861 | 16.04 | 21.1627 | 32.5635417 | 16.24 | 23.8228 | 32.6814815 | 16.1 | 24.0848 |
| 32.4456019 | 16.05 | 22.0278 | 32.5636574 | 16.24 | 23.9364 | 32.6815972 | 16.08 | 24.1109 |
| 32.4457176 | 16.08 | 23.5481 | 32.5637732 | 16.24 | 23.7349 | 32.681713 | 16.08 | 24.0072 |
| 32.4458333 | 16.07 | 21.5369 | 32.5638889 | 16.25 | 24.3211 | 32.6818287 | 16.07 | 23.8608 |
| 32.4459491 | 16.08 | 22.4442 | 32.5640046 | 16.24 | 24.0793 | 32.6819444 | 16.07 | 23.8884 |
| 32.4460648 | 16.12 | 24.3571 | 32.5641204 | 16.25 | 24.5245 | 32.6820602 | 16.08 | 24.0268 |
| 32.4461806 | 16.11 | 24.0032 | 32.5642361 | 16.27 | 24.2946 | 32.6821759 | 16.08 | 24.0744 |
| 32.4462963 | 16.1 | 23.3743 | 32.5643519 | 16.24 | 23.995 | 32.6822917 | 16.07 | 24.0524 |
| 32.446412 | 16.1 | 23.124 | 32.5644676 | 16.25 | 24.2981 | 32.6824074 | 16.08 | 24.0408 |
| 32.4465278 | 16.08 | 21.8983 | 32.5645833 | 16.25 | 24.6009 | 32.6825232 | 16.07 | 23.952 |
| 32.4466435 | 16.07 | 21.8718 | 32.5646991 | 16.27 | 24.3696 | 32.6826389 | 16.08 | 24.0408 |
| 32.4467593 | 16.11 | 24.1407 | 32.5648148 | 16.25 | 24.1524 | 32.6827546 | 16.07 | 23.8746 |
| 32.446875 | 16.11 | 24.2286 | 32.5649306 | 16.27 | 24.6774 | 32.6828704 | 16.07 | 23.8967 |
| 32.4469907 | 16.11 | 23.9364 | 32.5650463 | 16.27 | 24.3956 | 32.6829861 | 16.07 | 23.7322 |
| 32.4471065 | 16.11 | 23.6867 | 32.565162 | 16.27 | 24.627 | 32.6831019 | 16.05 | 23.7659 |
| 32.4472222 | 16.1 | 22.8744 | 32.5652778 | 16.28 | 24.695 | 32.6832176 | 16.05 | 23.598 |
| 32.447338 | 16.11 | 24.3344 | 32.5653935 | 16.27 | 24.2372 | 32.6833333 | 16.05 | 23.598 |
| 32.4474537 | 16.11 | 23.1802 | 32.5655093 | 16.27 | 24.3956 | 32.6834491 | 16.05 | 23.6384 |
| 32.4475694 | 16.12 | 24.271 | 32.565625 | 16.28 | 24.0834 | 32.6835648 | 16.07 | 23.7132 |
| 32.4476852 | 16.12 | 24.2026 | 32.5657407 | 16.28 | 23.9292 | 32.6836806 | 16.05 | 23.6169 |
| 32.4478009 | 16.12 | 24.5369 | 32.5658565 | 16.28 | 24.7487 | 32.6837963 | 16.04 | 23.195 |
| 32.4479167 | 16.12 | 24.7821 | 32.5659722 | 16.27 | 24.8118 | 32.683912 | 16.05 | 23.2281 |
| 32.4480324 | 16.12 | 24.7344 | 32.566088 | 16.28 | 24.512 | 32.6840278 | 16.05 | 23.4671 |
| 32.4481482 | 16.12 | 24.6692 | 32.5662037 | 16.28 | 24.9933 | 32.6841435 | 16.04 | 23.2991 |
| 32.4482639 | 16.12 | 24.9534 | 32.5663194 | 16.28 | 24.1884 | 32.6842593 | 16.04 | 23.341 |
| 32.4483796 | 16.12 | 24.9141 | 32.5664352 | 16.27 | 24.2659 | 32.684375 | 16.05 | 23.3614 |
| 32.4484954 | 16.12 | 25.0507 | 32.5665509 | 16.28 | 24.6445 | 32.6844907 | 16.05 | 23.3693 |
| 32.4486111 | 16.12 | 25.0355 | 32.5666667 | 16.27 | 24.2029 | 32.6846065 | 16.02 | 23.1317 |
| 32.4487269 | 16.12 | 25.005 | 32.5667824 | 16.28 | 24.0215 | 32.6847222 | 16.04 | 23.3305 |
| 32.4488426 | 16.14 | 24.9803 | 32.5668982 | 16.3 | 25.6192 | 32.684838 | 16.05 | 23.2932 |
| 32.4489583 | 16.12 | 25.0141 | 32.5670139 | 16.28 | 25.6256 | 32.6849537 | 16.04 | 23.3305 |
| 32.4490741 | 16.12 | 25.0446 | 32.5671296 | 16.28 | 24.5413 | 32.6850694 | 16.05 | 23.5124 |
| 32.4491898 | 16.12 | 25.0874 | 32.5672454 | 16.28 | 25.3744 | 32.6851852 | 16.05 | 23.4857 |
| 32.4493056 | 16.12 | 25.0996 | 32.5673611 | 16.28 | 25.2991 | 32.6853009 | 16.07 | 23.8087 |
| 32.4494213 | 16.12 | 25.1919 | 32.5674769 | 16.28 | 25.246 | 32.6854167 | 16.05 | 23.7495 |
| 32.449537 | 16.12 | 25.1211 | 32.5675926 | 16.28 | 25.4122 | 32.6855324 | 16.05 | 23.7987 |
| 32.4496528 | 16.14 | 25.1454 | 32.5677083 | 16.3 | 24.7812 | 32.6856482 | 16.05 | 23.859 |
| 32.4497685 | 16.14 | 25.0993 | 32.5678241 | 16.28 | 24.553 | 32.6857639 | 16.07 | 23.8416 |
| 32.4498843 | 16.12 | 25.2942 | 32.5679398 | 16.28 | 23.7797 | 32.6858796 | 16.07 | 23.9216 |
| 32.45 | 16.12 | 25.1734 | 32.5680556 | 16.28 | 24.214 | 32.6859954 | 16.07 | 24.1029 |
| 32.4501157 | 16.14 | 25.4036 | 32.5681713 | 16.28 | 24.1627 | 32.6861111 | 16.08 | 24.0969 |
| 32.4502315 | 16.14 | 25.2847 | 32.568287 | 16.27 | 23.6708 | 32.6862269 | 16.08 | 24.1306 |
| 32.4503472 | 16.14 | 25.3784 | 32.5684028 | 16.28 | 24.8719 | 32.6863426 | 16.08 | 24.0884 |
| 32.450463 | 16.14 | 25.4824 | 32.5685185 | 16.28 | 25.4914 | 32.6864583 | 16.07 | 24.0608 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4505787 | 16.12 | 25.5459 | 32.5686343 | 16.3 | 25.485 | 32.6865741 | 16.07 | 24.0973 |
| 32.4506944 | 16.14 | 24.5803 | 32.56875 | 16.28 | 24.6623 | 32.6866898 | 16.05 | 23.7932 |
| 32.4508102 | 16.14 | 25.0168 | 32.5688657 | 16.28 | 24.4302 | 32.6868056 | 16.04 | 23.5103 |
| 32.4509259 | 16.12 | 24.8329 | 32.5689815 | 16.28 | 24.3432 | 32.6869213 | 16.05 | 23.5658 |
| 32.4510417 | 16.14 | 24.6097 | 32.5690972 | 16.28 | 24.2312 | 32.687037 | 16.05 | 23.5658 |
| 32.4511574 | 16.14 | 25.1362 | 32.569213 | 16.27 | 23.7336 | 32.6871528 | 16.05 | 23.6438 |
| 32.4512732 | 16.14 | 24.9682 | 32.5693287 | 16.27 | 23.8049 | 32.6872685 | 16.04 | 23.6984 |
| 32.4513889 | 16.12 | 24.3197 | 32.5694444 | 16.27 | 24.4305 | 32.6873843 | 16.05 | 23.8042 |
| 32.4515046 | 16.12 | 23.5809 | 32.5695602 | 16.28 | 23.999 | 32.6875 | 16.07 | 24.0804 |
| 32.4516204 | 16.12 | 23.3442 | 32.5696759 | 16.27 | 23.739 | 32.6876157 | 16.07 | 23.8856 |
| 32.4517361 | 16.12 | 23.809 | 32.5697917 | 16.27 | 23.6192 | 32.6877315 | 16.05 | 23.9613 |
| 32.4518519 | 16.12 | 23.4499 | 32.5699074 | 16.27 | 23.4312 | 32.6878472 | 16.05 | 23.9474 |
| 32.4519676 | 16.12 | 23.5085 | 32.5700232 | 16.27 | 23.6436 | 32.687963 | 16.05 | 23.9641 |
| 32.4520833 | 16.1 | 21.7871 | 32.5701389 | 16.27 | 23.9854 | 32.6880787 | 16.05 | 24.0449 |
| 32.4521991 | 16.11 | 22.2099 | 32.5702546 | 16.27 | 24.0275 | 32.6881944 | 16.05 | 23.9974 |
| 32.4523148 | 16.11 | 21.5088 | 32.5703704 | 16.27 | 24.0951 | 32.6883102 | 16.05 | 23.9613 |
| 32.4524306 | 16.11 | 21.1704 | 32.5704861 | 16.27 | 24.146 | 32.6884259 | 16.02 | 23.5487 |
| 32.4525463 | 16.11 | 21.5774 | 32.5706019 | 16.28 | 24.1684 | 32.6885417 | 16.01 | 23.5279 |
| 32.452662 | 16.1 | 21.3717 | 32.5707176 | 16.27 | 24.1007 | 32.6886574 | 16.01 | 23.5814 |
| 32.4527778 | 16.11 | 21.9878 | 32.5708333 | 16.28 | 24.4915 | 32.6887732 | 16.02 | 23.7293 |
| 32.4528935 | 16.11 | 22.1205 | 32.5709491 | 16.28 | 24.5472 | 32.6888889 | 16.04 | 23.9617 |
| 32.4530093 | 16.12 | 22.3568 | 32.5710648 | 16.28 | 24.3317 | 32.6890046 | 16.02 | 23.6616 |
| 32.453125 | 16.11 | 22.3193 | 32.5711806 | 16.28 | 24.4302 | 32.6891204 | 16.02 | 23.5702 |
| 32.4532407 | 16.11 | 22.1651 | 32.5712963 | 16.27 | 24.2372 | 32.6892361 | 16.01 | 23.6675 |
| 32.4533565 | 16.12 | 22.4025 | 32.571412 | 16.28 | 24.2943 | 32.6893519 | 16.02 | 23.6508 |
| 32.4534722 | 16.11 | 22.5268 | 32.5715278 | 16.28 | 23.5082 | 32.6894676 | 16.02 | 23.5836 |
| 32.453588 | 16.12 | 22.6536 | 32.5716435 | 16.27 | 24.0951 | 32.6895833 | 16.05 | 24.1488 |
| 32.4537037 | 16.11 | 22.61 | 32.5717593 | 16.27 | 23.4445 | 32.6896991 | 16.05 | 24.0365 |
| 32.4538194 | 16.11 | 22.751 | 32.571875 | 16.27 | 24.5034 | 32.6898148 | 16.05 | 24.1855 |
| 32.4539352 | 16.1 | 22.8116 | 32.5719907 | 16.28 | 25.1005 | 32.6899306 | 16.07 | 24.3129 |
| 32.4540509 | 16.1 | 22.7194 | 32.5721065 | 16.28 | 25.1375 | 32.6900463 | 16.07 | 24.3559 |
| 32.4541667 | 16.1 | 22.7318 | 32.5722222 | 16.3 | 25.0511 | 32.690162 | 16.05 | 24.1544 |
| 32.4542824 | 16.11 | 22.9851 | 32.572338 | 16.28 | 24.2799 | 32.6902778 | 16.05 | 24.0309 |
| 32.4543982 | 16.1 | 22.7492 | 32.5724537 | 16.3 | 25.6224 | 32.6903935 | 16.04 | 23.9395 |
| 32.4545139 | 16.1 | 22.9274 | 32.5725694 | 16.3 | 25.632 | 32.6905093 | 16.04 | 23.9506 |
| 32.4546296 | 16.11 | 23.4133 | 32.5726852 | 16.3 | 25.7743 | 32.690625 | 16.04 | 23.9756 |
| 32.4547454 | 16.11 | 23.722 | 32.5728009 | 16.3 | 25.8656 | 32.6907407 | 16.05 | 23.9835 |
| 32.4548611 | 16.12 | 24.7731 | 32.5729167 | 16.3 | 24.0263 | 32.6908565 | 16.04 | 23.9895 |
| 32.4549769 | 16.14 | 24.8235 | 32.5730324 | 16.3 | 20.4216 | 32.6909722 | 16.04 | 23.854 |
| 32.4550926 | 16.14 | 25.1239 | 32.5731482 | 16.28 | 23.1026 | 32.691088 | 16.04 | 23.8238 |
| 32.4552083 | 16.14 | 25.3065 | 32.5732639 | 16.3 | 23.7954 | 32.6912037 | 16.04 | 23.791 |
| 32.4553241 | 16.14 | 25.3003 | 32.5733796 | 16.3 | 25.9808 | 32.6913194 | 16.04 | 23.791 |
| 32.4554398 | 16.14 | 25.344 | 32.5734954 | 16.3 | 25.6031 | 32.6914352 | 16.04 | 23.8788 |
| 32.4555556 | 16.15 | 26.2554 | 32.5736111 | 16.28 | 25.5935 | 32.6915509 | 16.04 | 23.8733 |
| 32.4556713 | 16.17 | 26.4012 | 32.5737269 | 16.3 | 26.3801 | 32.6916667 | 16.04 | 23.8458 |
| 32.455787 | 16.17 | 26.4285 | 32.5738426 | 16.3 | 26.493 | 32.6917824 | 16.04 | 23.7093 |
| 32.4559028 | 16.17 | 26.2625 | 32.5739583 | 16.3 | 26.5758 | 32.6918982 | 16.04 | 23.7038 |
| 32.4560185 | 16.15 | 26.4042 | 32.5740741 | 16.3 | 25.1775 | 32.6920139 | 16.02 | 23.7212 |
| 32.4561343 | 16.17 | 26.5828 | 32.5741898 | 16.3 | 23.9619 | 32.6921296 | 16.02 | 23.7701 |
| 32.45625 | 16.17 | 26.6277 | 32.5743056 | 16.28 | 24.9082 | 32.6922454 | 16.01 | 23.8363 |
| 32.4563657 | 16.18 | 26.7113 | 32.5744213 | 16.3 | 25.5328 | 32.6923611 | 16.04 | 23.887 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4564815 | 16.17 | 26.1452 | 32.574537 | 16.3 | 25.5647 | 32.6924769 | 16.02 | 23.8852 |
| 32.4565972 | 16.15 | 25.495 | 32.5746528 | 16.3 | 25.1713 | 32.6925926 | 16.02 | 23.6023 |
| 32.456713 | 16.17 | 26.4866 | 32.5747685 | 16.3 | 20.8477 | 32.6927083 | 16.01 | 23.6352 |
| 32.4568287 | 16.17 | 26.5759 | 32.5748843 | 16.3 | 25.299 | 32.6928241 | 16.02 | 23.5702 |
| 32.4569444 | 16.17 | 26.6832 | 32.575 | 16.3 | 24.9503 | 32.6929398 | 16.01 | 23.6083 |
| 32.4570602 | 16.18 | 26.6453 | 32.5751157 | 16.28 | 25.7839 | 32.6930556 | 16.02 | 23.6238 |
| 32.4571759 | 16.18 | 26.6383 | 32.5752315 | 16.3 | 25.5137 | 32.6931713 | 16.02 | 23.5434 |
| 32.4572917 | 16.18 | 26.6557 | 32.5753472 | 16.3 | 24.2879 | 32.693287 | 16.01 | 23.4376 |
| 32.4574074 | 16.17 | 26.4694 | 32.575463 | 16.3 | 23.3473 | 32.6934028 | 16.02 | 23.5621 |
| 32.4575232 | 16.15 | 25.514 | 32.5755787 | 16.28 | 23.3141 | 32.6935185 | 16.01 | 23.3848 |
| 32.4576389 | 16.15 | 25.8777 | 32.5756944 | 16.28 | 23.7112 | 32.6936343 | 16 | 23.1872 |
| 32.4577546 | 16.15 | 26.3432 | 32.5758102 | 16.3 | 22.2636 | 32.69375 | 16.01 | 23.1943 |
| 32.4578704 | 16.17 | 26.4558 | 32.5759259 | 16.3 | 23.443 | 32.6938657 | 16.01 | 23.2202 |
| 32.4579861 | 16.17 | 26.0026 | 32.5760417 | 16.3 | 23.8894 | 32.6939815 | 16 | 23.1228 |
| 32.4581019 | 16.17 | 26.6971 | 32.5761574 | 16.28 | 22.9054 | 32.6940972 | 16.01 | 23.3009 |
| 32.4582176 | 16.17 | 26.6139 | 32.5762732 | 16.3 | 22.2112 | 32.694213 | 16.01 | 23.3717 |
| 32.4583333 | 16.17 | 26.6693 | 32.5763889 | 16.3 | 22.3043 | 32.6943287 | 16 | 23.1691 |
| 32.4584491 | 16.17 | 26.0654 | 32.5765046 | 16.28 | 22.2057 | 32.6944444 | 15.98 | 23.2689 |
| 32.4585648 | 16.14 | 24.6569 | 32.5766204 | 16.28 | 21.3607 | 32.6945602 | 16 | 23.1614 |
| 32.4586806 | 16.15 | 24.9377 | 32.5767361 | 16.28 | 21.2628 | 32.6946759 | 16.02 | 23.5702 |
| 32.4587963 | 16.17 | 26.3469 | 32.5768519 | 16.3 | 22.7678 | 32.6947917 | 16.01 | 23.3927 |
| 32.458912 | 16.15 | 25.7445 | 32.5769676 | 16.3 | 24.2678 | 32.6949074 | 16.01 | 23.4323 |
| 32.4590278 | 16.18 | 26.5968 | 32.5770833 | 16.3 | 24.1478 | 32.6950232 | 16.02 | 23.2014 |
| 32.4591435 | 16.17 | 25.4191 | 32.5771991 | 16.3 | 24.0968 | 32.6951389 | 16 | 23.0306 |
| 32.4592593 | 16.2 | 26.6389 | 32.5773148 | 16.3 | 23.4991 | 32.6952546 | 16 | 23.1305 |
| 32.459375 | 16.2 | 26.5628 | 32.5774306 | 16.3 | 23.973 | 32.6953704 | 15.98 | 23.1678 |
| 32.4594907 | 16.15 | 24.7248 | 32.5775463 | 16.3 | 26.8025 | 32.6954861 | 16.01 | 23.3848 |
| 32.4596065 | 16.14 | 24.1395 | 32.577662 | 16.31 | 23.1996 | 32.6956019 | 16.01 | 23.3717 |
| 32.4597222 | 16.11 | 23.0745 | 32.5777778 | 16.3 | 25.193 | 32.6957176 | 16.01 | 23.3743 |
| 32.459838 | 16.11 | 23.5868 | 32.5778935 | 16.3 | 22.459 | 32.6958333 | 16.02 | 23.4318 |
| 32.4599537 | 16.12 | 23.82 | 32.5780093 | 16.3 | 24.4355 | 32.6959491 | 16.02 | 23.4928 |
| 32.4600694 | 16.15 | 24.701 | 32.578125 | 16.3 | 21.5797 | 32.6960648 | 16.01 | 23.6163 |
| 32.4601852 | 16.17 | 25.6512 | 32.5782407 | 16.3 | 24.9169 | 32.6961806 | 16.01 | 23.6083 |
| 32.4603009 | 16.15 | 25.1207 | 32.5783565 | 16.3 | 20.7589 | 32.6962963 | 16.01 | 23.5761 |
| 32.4604167 | 16.17 | 25.325 | 32.5784722 | 16.3 | 23.3367 | 32.696412 | 16.01 | 23.5573 |
| 32.4605324 | 16.15 | 24.6389 | 32.578588 | 16.3 | 22.978 | 32.6965278 | 16.01 | 23.5226 |
| 32.4606482 | 16.14 | 24.2703 | 32.5787037 | 16.31 | 25.82 | 32.6966435 | 16 | 23.4912 |
| 32.4607639 | 16.14 | 24.1934 | 32.5788194 | 16.3 | 25.324 | 32.6967593 | 16 | 23.367 |
| 32.4608796 | 16.14 | 24.0495 | 32.5789352 | 16.3 | 23.5799 | 32.696875 | 16.01 | 23.3218 |
| 32.4609954 | 16.11 | 22.9216 | 32.5790509 | 16.3 | 23.001 | 32.6969907 | 16 | 23.3094 |
| 32.4611111 | 16.14 | 24.1537 | 32.5791667 | 16.3 | 25.2334 | 32.6971065 | 16 | 23.2833 |
| 32.4612269 | 16.15 | 24.7754 | 32.5792824 | 16.3 | 23.4965 | 32.6972222 | 16 | 23.2833 |
| 32.4613426 | 16.15 | 24.7069 | 32.5793982 | 16.3 | 22.5642 | 32.697338 | 16 | 23.2937 |
| 32.4614583 | 16.15 | 24.5947 | 32.5795139 | 16.3 | 22.7829 | 32.6974537 | 16 | 23.4567 |
| 32.4615741 | 16.12 | 23.7843 | 32.5796296 | 16.3 | 25.9181 | 32.6975694 | 16 | 23.3277 |
| 32.4616898 | 16.14 | 24.7667 | 32.5797454 | 16.3 | 25.8329 | 32.6976852 | 16 | 23.2183 |
| 32.4618056 | 16.15 | 25.0075 | 32.5798611 | 16.3 | 23.4536 | 32.6978009 | 15.98 | 23.173 |
| 32.4619213 | 16.14 | 24.953 | 32.5799769 | 16.3 | 25.703 | 32.6979167 | 15.98 | 23.1859 |
| 32.462037 | 16.15 | 24.9075 | 32.5800926 | 16.3 | 22.6631 | 32.6980324 | 15.98 | 23.0601 |
| 32.4621528 | 16.12 | 24.2482 | 32.5802083 | 16.3 | 21.9367 | 32.6981482 | 15.98 | 23.0473 |
| 32.4622685 | 16.17 | 25.664 | 32.5803241 | 16.28 | 22.9716 | 32.6982639 | 15.98 | 22.9407 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.4623843 | 16.12 | 24.3599 | 32.5804398 | 16.3 | 23.0808 | 32.6983796 | 15.95 | 22.9656 |
| 32.4625 | 16.12 | 24.1037 | 32.5805556 | 16.3 | 22.1827 | 32.6984954 | 15.97 | 23.0658 |
| 32.4626157 | 16.15 | 25.9465 | 32.5806713 | 16.3 | 22.7228 | 32.6986111 | 15.98 | 23.0856 |
| 32.4627315 | 16.17 | 25.4601 | 32.580787 | 16.31 | 23.817 | 32.6987269 | 15.98 | 23.0269 |
| 32.4628472 | 16.18 | 25.8583 | 32.5809028 | 16.31 | 25.9117 | 32.6988426 | 15.98 | 23.0601 |
| 32.462963 | 16.18 | 26.7252 | 32.5810185 | 16.3 | 23.1195 | 32.6989583 | 15.97 | 22.8936 |
| 32.4630787 | 16.21 | 27.4684 | 32.5811343 | 16.3 | 23.9702 | 32.6990741 | 15.97 | 22.9541 |
| 32.4631944 | 16.21 | 27.6913 | 32.58125 | 16.3 | 24.0629 | 32.6991898 | 16 | 23.226 |
| 32.4633102 | 16.22 | 27.8311 | 32.5813657 | 16.31 | 21.6686 | 32.6993056 | 15.98 | 22.9054 |
| 32.4634259 | 16.22 | 27.8879 | 32.5814815 | 16.31 | 20.4962 | 32.6994213 | 15.97 | 23.0276 |
| 32.4635417 | 16.24 | 28.1034 | 32.5815972 | 16.31 | 19.7552 | 32.699537 | 15.97 | 22.9844 |
| 32.4636574 | 16.22 | 27.8273 | 32.581713 | 16.31 | 19.6355 | 32.6996528 | 16 | 23.3172 |
| 32.4637732 | 16.21 | 27.5053 | 32.5818287 | 16.3 | 23.117 | 32.6997685 | 15.98 | 22.9609 |
| 32.4638889 | 16.24 | 27.8853 | 32.5819444 | 16.3 | 23.9451 | 32.6998843 | 15.97 | 22.8559 |
| 32.4640046 | 16.24 | 28.0457 | 32.5820602 | 16.3 | 25.1992 | 32.7 | 15.97 | 22.9112 |
| 32.4641204 | 16.24 | 28.115 | 32.5821759 | 16.3 | 24.0601 | 32.7001157 | 15.97 | 22.9414 |
| 32.4642361 | 16.24 | 28.1652 | 32.5822917 | 16.31 | 23.1371 | 32.7002315 | 15.98 | 22.9964 |
| 32.4643519 | 16.24 | 28.1073 | 32.5824074 | 16.31 | 21.4965 | 32.7003472 | 16.01 | 23.6029 |
| 32.4644676 | 16.22 | 27.8879 | 32.5825232 | 16.31 | 22.1796 | 32.700463 | 15.97 | 23.1659 |
| 32.4645833 | 16.22 | 27.7782 | 32.5826389 | 16.31 | 23.8281 | 32.7005787 | 15.98 | 23.1988 |
| 32.4646991 | 16.24 | 28.1034 | 32.5827546 | 16.3 | 24.0545 | 32.7006944 | 15.98 | 23.2611 |
| 32.4648148 | 16.24 | 28.0996 | 32.5828704 | 16.3 | 23.1273 | 32.7008102 | 15.98 | 23.3577 |
| 32.4649306 | 16.24 | 28.1614 | 32.5829861 | 16.3 | 20.9709 | 32.7009259 | 16 | 23.4567 |
| 32.4650463 | 16.25 | 28.1157 | 32.5831019 | 16.3 | 20.4634 | 32.7010417 | 16 | 23.5232 |
| 32.465162 | 16.25 | 28.1776 | 32.5832176 | 16.3 | 22.8965 | 32.7011574 | 16 | 23.4886 |
| 32.4652778 | 16.24 | 28.173 | 32.5833333 | 16.3 | 23.7871 | 32.7012732 | 16 | 23.5019 |
| 32.4653935 | 16.24 | 27.9538 | 32.5834491 | 16.3 | 22.1213 | 32.7013889 | 15.98 | 23.2637 |
| 32.4655093 | 16.25 | 28.0272 | 32.5835648 | 16.3 | 22.1071 | 32.7015046 | 15.98 | 23.1112 |
| 32.465625 | 16.22 | 27.6209 | 32.5836806 | 16.3 | 23.7624 | 32.7016204 | 15.98 | 23.1421 |
| 32.4657407 | 16.24 | 28.0227 | 32.5837963 | 16.3 | 22.7353 | 32.7017361 | 15.97 | 23.0149 |
| 32.4658565 | 16.24 | 27.9806 | 32.583912 | 16.3 | 22.5421 | 32.7018519 | 15.95 | 22.8549 |
| 32.4659722 | 16.22 | 27.5428 | 32.5840278 | 16.3 | 22.1543 | 32.7019676 | 15.95 | 23.2734 |
| 32.466088 | 16.24 | 28.115 | 32.5841435 | 16.3 | 21.9391 | 32.7020833 | 15.98 | 23.2949 |
| 32.4662037 | 16.24 | 27.7907 | 32.5842593 | 16.3 | 22.7428 | 32.7021991 | 15.95 | 23.0646 |
| 32.4663194 | 16.22 | 27.6582 | 32.584375 | 16.3 | 22.0227 | 32.7023148 | 15.95 | 22.885 |
| 32.4664352 | 16.22 | 27.3551 | 32.5844907 | 16.31 | 20.8675 | 32.7024306 | 15.95 | 22.8 |
| 32.4665509 | 16.21 | 26.754 | 32.5846065 | 16.31 | 19.837 | 32.7025463 | 15.94 | 22.4892 |
| 32.4666667 | 16.22 | 27.4948 | 32.5847222 | 16.3 | 19.8158 | 32.702662 | 15.94 | 22.5961 |
| 32.4667824 | 16.22 | 27.2713 | 32.584838 | 16.31 | 20.1272 | 32.7027778 | 15.94 | 22.6377 |
| 32.4668982 | 16.22 | 27.3369 | 32.5849537 | 16.31 | 19.5845 | 32.7028935 | 15.95 | 22.6418 |
| 32.4670139 | 16.22 | 27.1231 | 32.5850694 | 16.31 | 22.6425 | 32.7030093 | 15.94 | 22.6548 |
| 32.4671296 | 16.21 | 26.8664 | 32.5851852 | 16.31 | 20.0964 | 32.703125 | 15.95 | 22.8549 |
| 32.4672454 | 16.21 | 26.994 | 32.5853009 | 16.31 | 19.7589 | 32.7032407 | 15.95 | 22.8799 |
| 32.4673611 | 16.2 | 26.7153 | 32.5854167 | 16.31 | 21.83 | 32.7033565 | 15.95 | 22.9025 |
| 32.4674769 | 16.2 | 26.6979 | 32.5855324 | 16.31 | 19.5681 | 32.7034722 | 15.95 | 22.9833 |
| 32.4675926 | 16.21 | 26.7436 | 32.5856482 | 16.3 | 20.794 | 32.703588 | 15.95 | 22.9782 |
| 32.4677083 | 16.21 | 26.9442 | 32.5857639 | 16.31 | 20.9259 | 32.7037037 | 15.94 | 22.709 |
| 32.4678241 | 16.21 | 26.9833 | 32.5858796 | 16.31 | 22.4 | 32.7038194 | 15.95 | 22.7206 |
| 32.4679398 | 16.21 | 27.1948 | 32.5859954 | 16.3 | 21.3916 | 32.7039352 | 16.01 | 24.1251 |
| 32.4680556 | 16.21 | 26.754 | 32.5861111 | 16.3 | 21.6425 | 32.7040509 | 15.95 | 22.7033 |
| 32.4681713 | 16.21 | 26.877 | 32.5862269 | 16.3 | 22.5029 | 32.7041667 | 15.94 | 22.3667 |

32.468287	16.21	26.9159

**Appendix C3: Composite and Grab Chemistry data**

| ID | Certified SRM CASS4 [ µg/L ] | Certified SRM CASS2 [ µg/L ] |
|---|---|---|
| | 0.592 | 0.675 |

| | |
|---|---|
| **SDB FSW Mean** | 0.334 |
| **SDB FSW Std. Dev.** | 0.239 |
| **Limit Of Detection** | 0.72 |
| **Limit Of Reporting** | 2.39 |
| **Number of Blanks** | 22 |

| | |
|---|---|
| **Mean Recovery CASS 2** | 90 |
| **Std. Dev. CASS 2** | 13 |
| **Number of CASS 2** | 5 |

Spike 1

| **Filt DrEx-115-Comp-PC2-010216 Run Spike** | |
|---|---|
| **Spike conc** | 1.22 |
| **Measured Conc** | 1.26 |
| **Percent Recovery** | **103** |

Spike 2

| **Total DrEx-115-Comp-PC2-010216 Run Spike** | |
|---|---|
| **Spike conc** | 1.21 |
| **Measured Conc** | 1.23 |
| **Percent Recovery** | **102** |

| ICP MS Sample ID | Sample ID | Cu [μg/L] | Std Dev Cu [μg/L] |
|---|---|---|---|
| Pre Storm | Filtered Pre Storm | 4.26 | |
| EB | | | |
| Grab | Filt DrEx-GRAB-Comp-PC2-010216 | 2.91 | |
| Grab Duplicate | Filt DrEx-GRAB Dup-Comp-PC2-010216 | 3.05 | |
| MS | | | |
| MSD | | | |
| Drifter 106 | Filt DrEx-106-Comp-PC2-010216 | 4.80 | |
| Drifter 107 | Filt DrEx-107-Comp-PC2-010216 | 4.60 | |
| Drifter 108 | Filt DrEx-108-Comp-PC2-010216 | 3.77 | |
| Drifter 109 | Filt DrEx-109-Comp-PC2-010216 | 4.32 | |
| Drifter 110 | Filt DrEx-110-Comp-PC2-010216 | 3.71 | |
| Drifter 111 | Filt DrEx-111-Comp-PC2-010216 Run Dup | 4.16 | 0.095 |
| Drifter 112 | Filt DrEx-112-Comp-PC2-010216 | 4.14 | |
| Drifter 113 | Filt DrEx-113-Comp-PC2-010216 | 3.68 | |
| Drifter 114 | Filt DrEx-114-Comp-PC2-010216 | 3.48 | |
| Drifter 115 | Filt DrEx-115-Comp-PC2-010216 | 4.25 | |
| | | | |
| Pre Storm | Total Pre Storm | 3.67 | |
| EB | | | |
| Grab | Total DrEx-GRAB-Comp-PC2-010216 | 9.23 | |
| Grab Duplicate | Total DrEx-GRAB Dup-Comp-PC2-010216 | 9.12 | |
| MS | | | |
| MSD | | | |
| Drifter 106 | Total DrEx-106-Comp-PC2-010216 | 7.29 | |
| Drifter 107 | Total DrEx-107-Comp-PC2-010216 | 9.56 | |
| Drifter 108 | Total DrEx-108-Comp-PC2-010216 | 8.39 | |
| Drifter 109 | Total DrEx-109-Comp-PC2-010216 | 44.10 | |
| Drifter 110 | Total DrEx-110-Comp-PC2-010216 | 6.96 | |
| Drifter 111 | Total DrEx-111-Comp-PC2-010216 Run Dup | 8.54 | 0.34 |
| Drifter 112 | Total DrEx-112-Comp-PC2-010216 | 7.08 | |
| Drifter 113 | Total DrEx-113-Comp-PC2-010216 | 7.23 | |
| Drifter 114 | Total DrEx-114-Comp-PC2-010216 | 10.23 | |
| Drifter 115 | Total DrEx-115-Comp-PC2-010216 | 6.24 | |

Units = ng/mL

| | | %Rec TMX | %Rec 209 | Det Limit | Report Limit | 1 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|
| DrEx-106-Comp-PC2-013116 | 6020201-1 | 53.0 | 91.50 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| DrEx-107-Comp-PC2-013116 | 2 | 59.0 | 92.50 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| DrEx-108-Comp-PC2-013116 | 3 | 55.0 | 88.00 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| DrEx-110-Comp-PC2-013116 | 4 | 55.5 | 98.50 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| DrEx-111-Comp-PC2-013116 | 5 | 59.5 | 81.50 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| DrEx-112-Comp-PC2-013116 | 6 | 55.0 | 89.50 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| DrEx-113-Comp-PC2-013116 | 7 | 58.5 | 86.50 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| DrEx-114-Comp-PC2-013116 | 8 | 52.0 | 86.00 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| DrEx-115-Comp-PC2-013116 | 9 | 55.5 | 80.00 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| DrEx-Grab-Comp-PC2-013116 | 13 | 64.5 | 102.0 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| | B | 67.5 | 95.50 | 0.00033 | 0.001 | ND | ND | ND | ND | ND |
| | BS %Rec | 64.0 | 127.00 | | | | | | 77.0 | |
| | MS %Rec | 62.5 | 79.00 | | | | | | 87.0 | |
| | MSD %Rec | 62.0 | 83.50 | | | | | | 88.7 | |

| 7 | 8 | 9 | 10 | 12 | 13 | 14 | 15/16 | 17 | 18 | 19 | 20/33 | 22 |
|---|---|---|----|----|----|----|-------|----|----|----|-------|----|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | 75.0 | | | |
| | | | | | | | | | 59.7 | | | |
| | | | | | | | | | 60.3 | | | |

| 24 | 25 | 26 | 27 | 28/31 | 29 | 32 | 34 | 35 | 37 | 40 | 41 | 42 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | 78.7 | | | | | | | | |
| | | | | 74.3 | | | | | | | | |
| | | | | 74.7 | | | | | | | | |

| 44 | 45 | 46 | 47 | 48 | 49 | 51 | 52 | 53 | 54 | 56 | 59 | 60 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 89.0 |  |  |  |  |  |  | 86.7 |  |  |  |  |  |
| 89.3 |  |  |  |  |  |  | 78.7 |  |  |  |  |  |
| 89.0 |  |  |  |  |  |  | 78.7 |  |  |  |  |  |

| 63 | 64 | 66 | 67/100 | 69 | 70 | 71 | 73 | 74 | 75 | 77 | 81/117 | 82 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 104.7 | | | | | | | | | | |
| | | 94.0 | | | | | | | | | | |
| | | 94.0 | | | | | | | | | | |

| 83 | 84 | 85 | 87/115 | 90/101 | 91 | 92 | 93 | 95 | 97 | 99 | 103 | 104 |
|----|----|----|--------|--------|----|----|----|----|----|----|-----|-----|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | 95.3 | 114.3 | | | | | | | | |
| | | | 88.3 | 91.0 | | | | | | | | |
| | | | 87.0 | 89.7 | | | | | | | | |

| 105 | 107 | 110 | 114 | 118 | 119 | 122 | 123 | 124 | 126/129 | 128 | 130 | 131 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | **0.0027** | ND | ND | ND | ND | ND | **0.0019** | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 79.0 | | | | | | | | | | |
| | | 63.7 | | | | | | | | | | |
| | | 62.7 | | | | | | | | | | |

| 132/153 | 134 | 135 | 136 | 137 | 138/163/164 | 141 | 144 | 146 | 149/147 | 151 | 154 | 156/157 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| **0.0034** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 129.0 | | | | | 148.0 | 136.0 | | | | 114.3 | | |
| 88.7 | | | | | 95.3 | 101.3 | | | | 98.7 | | |
| 82.7 | | | | | 94.3 | 96.0 | | | | 96.3 | | |

| 158 | 165 | 167 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

| 179 | 180 | 183 | 184 | 185 | 187 | 189 | 190 | 191 | 193 | 194 | 195 | 196 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | **0.0015** | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 161.0 | 149.3 | | | 136.0 | | | | | | | |
| | 95.7 | 93.7 | | | 92.3 | | | | | | | |
| | 94.7 | 93.0 | | | 90.3 | | | | | | | |

| 197 | 199 | 200 | 201 | 202 | 203 | 205 | 206 | 207 | 208 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
|  |  |  |  |  |  |  |  |  |  |
| ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
|  |  |  |  |  |  |  | 151.0 |  |  |
|  |  |  |  |  |  |  | 90.3 |  |  |
|  |  |  |  |  |  |  | 92.3 |  |  |

| Sample ID | Filter no. | Sample volume (mL) | Filter/sample wt. (g) | Filter tare (g) | Particle wt. (g) | TSS (mg.L) |
|---|---|---|---|---|---|---|
| DrEx-106 0105 | 1 | 525 | 0.4705 | 0.4649 | 0.0056 | 10.7 |
| DrEx-107 0105 | 2 | 478 | 0.4718 | 0.4664 | 0.0054 | 11.3 |
| DrEx-108 0105 | 3 | 515 | 0.4851 | 0.4685 | 0.0166 | 32.2 |
| DrEx-110 0105 | 6 | 500 | 0.476 | 0.4669 | 0.0091 | 18.2 |
| DrEx-111 0105 | 7 | 531 | 0.4768 | 0.4704 | 0.0064 | 12.1 |
| DrEx-112 0105 | 8 | 525 | 0.477 | 0.4713 | 0.0057 | 10.9 |
| DrEx-114 0105 | 4 | 442 | 0.4802 | 0.4671 | 0.0131 | 29.6 |
| DrEx-EB 0105 | 5 | 513 | 0.4695 | 0.4693 | 0.0002 | 0.4 |
| DrEx-Grab 0105 | 9 | 505 | 0.5575 | 0.4685 | 0.089 | 176.2 |
| DrEx-Grab-DUP 0105 | 10 | 508 | 0.658 | 0.4671 | 0.1909 | 375.8 |
| DrEx-Mesc GR1 0105 | 11 | 663 | 0.5043 | 0.461 | 0.0433 | 65.3 |
| DrEx-Mesc GR2 0105 | 12 | 327 | 0.6547 | 0.4694 | 0.1853 | 566.7 |
| Blank 0105 | 13 | 750 | 0.4652 | 0.4651 | 1E-04 | 0.1 |

**USACE ERDC-EP-C**
**3909 Halls Ferry Road**
**Vicksburg, MS 39180-6199**

27 April 2016

Bart Chadwick

Navy -- SPAWAR

Environmental Science and Applied System Branch, 536(

San Diego, CA 92152

RE: Drifting Exposure

Enclosed are the results of analyses for samples received by the laboratory on 02-Feb-2016. The samples associated with this report will be held for 90 days from the date of this report. The raw data associated with this report will be held for 5 years from the date of this report. If you need us to hold onto the samples or the data longer then these specified times, you will need to notify us in writing at least 30 days before the expiration dates. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dale Rosado, Ph. D.

Chemist

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 5360! | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick    27-Apr-2016 |

## WORK ORDER SUMMARY

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date of Work Order |
|---|---|---|---|---|
| DrEX-106-Comp-PC2-013116 | 6020201-01 | Water | 31-Jan-2016 | 02-Feb-2016 |
| DrEX-107-Comp-PC2-013116 | 6020201-02 | Water | 31-Jan-2016 | 02-Feb-2016 |
| DrEX-108-Comp-PC2-013116 | 6020201-03 | Water | 31-Jan-2016 | 02-Feb-2016 |
| DrEX-110-Comp-PC2-013116 | 6020201-04 | Water | 31-Jan-2016 | 02-Feb-2016 |
| DrEX-111-Comp-PC2-013116 | 6020201-05 | Water | 31-Jan-2016 | 02-Feb-2016 |
| DrEX-112-Comp-PC2-013116 | 6020201-06 | Water | 31-Jan-2016 | 02-Feb-2016 |
| DrEX-113-Comp-PC2-013116 | 6020201-07 | Water | 31-Jan-2016 | 02-Feb-2016 |
| DrEX-114-Comp-PC2-013116 | 6020201-08 | Water | 31-Jan-2016 | 02-Feb-2016 |
| DrEX-115-Comp-PC2-013116 | 6020201-09 | Water | 31-Jan-2016 | 02-Feb-2016 |
| DrEX-Grab-PC2-013116 | 6020201-13 | Water | 31-Jan-2016 | 02-Feb-2016 |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 5360: | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## Case Narrative

No issues were experienced during the analysis of Work Order 6020201 unless specified below.

| Navy -- SPAWAR | Project: Drifting Exposure | |
| --- | --- | --- |
| Environmental Science and Applied System Branch, 5360! | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

### Notes and Definitions

U           Analyte included in the analysis, but not detected

RPD-06      RPD exceeds acceptance limit.

Q           Value is outside of acceptance limits.

J           Detected but below the Reporting Limit; therefore, result is an estimated concentration.

DET         Analyte DETECTED

ND          Analyte NOT DETECTED at or above the reporting limit

NR          Not Reported

dry         Sample results reported on a dry weight basis

RPD         Relative Percent Difference

| Navy -- SPAWAR | Project:  Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager:  Bart Chadwick | 27-Apr-2016 |

## DrEX-106-Comp-PC2-013116

### 6020201-01 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

#### ERDC-EL-EP-C

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.00908** | | *45.4 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0109** | | *54.5 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

### DrEX-106-Comp-PC2-013116

**6020201-01 (Water)**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

**ERDC-EL-EP-C**

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0108** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Pyrene** | **0.0110** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| *Surrogate: 2-Fluorobiphenyl* | **0.45** | | *75.2 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.37** | | *62.0 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-107-Comp-PC2-013116

### 6020201-02 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

### ERDC-EL-EP-C

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.0114** | | *57.0 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0129** | | *64.5 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | |
| San Diego CA, 92152 | Project Manager: Bart Chadwick |

**Reported:**
27-Apr-2016

## DrEX-107-Comp-PC2-013116
### 6020201-02 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | ERDC-EL-EP-C | | | | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Chrysene** | **0.0115** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0189** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Phenanthrene** | **0.0186** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Pyrene** | **0.0168** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| *Surrogate: 2-Fluorobiphenyl* | **0.48** | | *80.3 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.37** | | *61.8 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-108-Comp-PC2-013116

### 6020201-03 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

**ERDC-EL-EP-C**

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.0108** | | *54.0 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0122** | | *61.0 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 5360? | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-108-Comp-PC2-013116

### 6020201-03 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | ERDC-EL-EP-C | | | | | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0163** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Phenanthrene** | **0.0141** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Pyrene** | **0.0162** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| *Surrogate: 2-Fluorobiphenyl* | **0.41** | | *69.0 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.52** | | *86.2 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-110-Comp-PC2-013116

### 6020201-04 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Organochlorine Pesticides by EPA Method 8081A** | | | | | | | | |
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.0118** | | *59.0 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0126** | | *63.0 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-110-Comp-PC2-013116

### 6020201-04 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | ERDC-EL-EP-C | | | | | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Chrysene** | **0.00890** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0141** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Phenanthrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Pyrene** | **0.0165** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| *Surrogate: 2-Fluorobiphenyl* | **0.45** | | *74.7 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.51** | | *85.3 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53605 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-111-Comp-PC2-013116
### 6020201-05 (Water)

### ERDC-EL-EP-C

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.0117** | | *58.5 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0128** | | *64.0 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-111-Comp-PC2-013116

### 6020201-05 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | ERDC-EL-EP-C | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Benzo (a) anthracene** | **0.00876** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Chrysene** | **0.0118** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0346** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Phenanthrene** | **0.0361** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| **Pyrene** | **0.0241** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| *Surrogate: 2-Fluorobiphenyl* | **0.43** | | *71.0 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.59** | | *98.3 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-112-Comp-PC2-013116

### 6020201-06 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

### ERDC-EL-EP-C

#### Organochlorine Pesticides by EPA Method 8081A

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.0102** | | *51.0 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0139** | | *69.5 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
| --- | --- | --- |
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-112-Comp-PC2-013116

### 6020201-06 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | **ERDC-EL-EP-C** | | | | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Chrysene** | **0.00837** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0181** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Naphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Phenanthrene** | **0.0145** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Pyrene** | **0.0154** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| *Surrogate: 2-Fluorobiphenyl* | **0.44** | | *72.5 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.59** | | *98.8 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53605 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-113-Comp-PC2-013116

### 6020201-07 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | **ERDC-EL-EP-C** | | | | | |
| **Organochlorine Pesticides by EPA Method 8081A** | | | | | | | | |
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.0102** | | *51.0 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0121** | | *60.5 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 5360? | **Reported:** |
| San Diego CA, 92152 | 27-Apr-2016 |
| | Project Manager: Bart Chadwick |

## DrEX-113-Comp-PC2-013116

### 6020201-07 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | **ERDC-EL-EP-C** | | | | | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **2-Methylnaphthalene** | **0.00855** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Acenaphthene** | **0.0116** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0127** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Naphthalene** | **0.0169** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Phenanthrene** | **0.0128** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Pyrene** | **0.0129** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| *Surrogate: 2-Fluorobiphenyl* | **0.44** | | *73.8 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.32** | | *52.8 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Page 17 of 31

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-114-Comp-PC2-013116

### 6020201-08 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | | | ERDC-EL-EP-C | | |

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.0122** | | *61.0 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0138** | | *69.0 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick |
| | 27-Apr-2016 |

## DrEX-114-Comp-PC2-013116
### 6020201-08 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | ERDC-EL-EP-C | | | | |

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **1-Methylnaphthalene** | **0.0112** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **2-Methylnaphthalene** | **0.0175** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Acenaphthene** | **0.0276** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Anthracene** | **0.00964** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Benzo (a) anthracene** | **0.00748** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Benzo (b) fluoranthene** | **0.00988** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Benzo (g,h,i) perylene** | **0.00891** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Chrysene** | **0.0139** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0392** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| **Fluorene** | **0.0163** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Naphthalene** | **0.0367** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| **Phenanthrene** | **0.0384** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| **Pyrene** | **0.0325** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| *Surrogate: 2-Fluorobiphenyl* | **0.46** | | *76.5 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.40** | | *67.0 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-115-Comp-PC2-013116

### 6020201-09 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.0104** | | *52.0 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0146** | | *73.0 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 5360? | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick |
| | 27-Apr-2016 |

## DrEX-115-Comp-PC2-013116

### 6020201-09 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

### ERDC-EL-EP-C

**Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (b) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (g,h,i) perylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Chrysene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0108** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Naphthalene** | **0.0111** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Phenanthrene** | **0.00856** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Pyrene** | **0.00822** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| *Surrogate: 2-Fluorobiphenyl* | **0.44** | | *73.3 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.47** | | *79.0 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## DrEX-Grab-PC2-013116

### 6020201-13 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |

**Organochlorine Pesticides by EPA Method 8081A**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | 04-Feb-2016 | 18-Apr-2016 | EPA 8081A | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | **0.0126** | | *63.0 %* | *25-140* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |
| *Surrogate: Decachlorobiphenyl* | **0.0152** | | *76.0 %* | *45-135* | *04-Feb-2016* | *18-Apr-2016* | *EPA 8081A* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: Drifting Exposure |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | 27-Apr-2016 |
| | Project Manager: Bart Chadwick | |

## DrEX-Grab-PC2-013116
### 6020201-13 (Water)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring** | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| 2-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Benzo (a) anthracene** | **0.00800** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Benzo (b) fluoranthene** | **0.0108** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Benzo (g,h,i) perylene** | **0.0199** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Benzo (k) fluoranthene** | **0.00918** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Chrysene** | **0.0183** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Fluoranthene** | **0.0321** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Indeno (1,2,3-cd) pyrene** | **0.00938** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| Naphthalene | ND | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | U |
| **Phenanthrene** | **0.00955** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | J |
| **Pyrene** | **0.0334** | 0.00700 | 0.0200 | ug/L | 04-Feb-2016 | 30-Mar-2016 | EPA 8270C | |
| *Surrogate: 2-Fluorobiphenyl* | **0.47** | | *78.2 %* | *45-110* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |
| *Surrogate: Terphenyl-dl4* | **0.42** | | *70.8 %* | *40-125* | *04-Feb-2016* | *30-Mar-2016* | *EPA 8270C* | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | | |
|---|---|---|---|
| Navy -- SPAWAR | | Project: Drifting Exposure | |
| Environmental Science and Applied System Branch, 53603 | | | **Reported:** |
| San Diego CA, 92152 | | Project Manager: Bart Chadwick | 27-Apr-2016 |

### Organochlorine Pesticides by EPA Method 8081A - Quality Control

### ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B602036 - EPA 3520C** | | | | | | | | | | | |
| **Blank (B602036-BLK1)** | | | | | Prepared: 04-Feb-2016 Analyzed: 18-Apr-2016 | | | | | | |
| 2,4´-DDD | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| 2,4´-DDE | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| 2,4´-DDT | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| 4,4´-DDD | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| 4,4´-DDE | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| 4,4´-DDT | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Aldrin | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| alpha-BHC | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| alpha-Chlordane | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| beta-BHC | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| delta-BHC | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Dieldrin | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endosulfan I | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endosulfan II | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endosulfan sulfate | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endrin | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endrin aldehyde | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Endrin ketone | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| gamma-BHC (Lindane) | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| gamma-Chlordane | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Heptachlor | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Heptachlor epoxide | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Methoxychlor | ND | 0.00030 | 0.001 | ug/L | | | | | | | U |
| Toxaphene | ND | 0.00030 | 0.050 | ug/L | | | | | | | U |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.0110* | | | ug/L | *0.02000* | | *55.0* | *25-140* | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0127* | | | ug/L | *0.02000* | | *63.5* | *45-135* | | | |
| **LCS (B602036-BS1)** | | | | | Prepared: 04-Feb-2016 Analyzed: 18-Apr-2016 | | | | | | |
| 2,4´-DDD | 0.030 | 0.00030 | 0.001 | ug/L | 0.03750 | | 80.3 | 50-125 | | | |
| 2,4´-DDE | 0.021 | 0.00030 | 0.001 | ug/L | 0.03750 | | 56.5 | 50-125 | | | |
| 2,4´-DDT | 0.030 | 0.00030 | 0.001 | ug/L | 0.03750 | | 80.8 | 50-125 | | | |
| 4,4´-DDD | 0.027 | 0.00030 | 0.001 | ug/L | 0.03000 | | 89.3 | 50-125 | | | |
| 4,4´-DDE | 0.024 | 0.00030 | 0.001 | ug/L | 0.03000 | | 78.3 | 50-125 | | | |
| 4,4´-DDT | 0.026 | 0.00030 | 0.001 | ug/L | 0.03000 | | 85.7 | 50-125 | | | |
| Aldrin | 0.019 | 0.00030 | 0.001 | ug/L | 0.03000 | | 62.7 | 50-125 | | | |
| alpha-BHC | 0.018 | 0.00030 | 0.001 | ug/L | 0.03000 | | 61.7 | 50-125 | | | |
| alpha-Chlordane | 0.017 | 0.00030 | 0.001 | ug/L | 0.03000 | | 55.3 | 50-125 | | | |
| beta-BHC | 0.020 | 0.00030 | 0.001 | ug/L | 0.03000 | | 65.0 | 50-125 | | | |
| delta-BHC | 0.010 | 0.00030 | 0.001 | ug/L | 0.01200 | | 83.3 | 50-125 | | | |
| Dieldrin | 0.024 | 0.00030 | 0.001 | ug/L | 0.03000 | | 78.3 | 50-125 | | | |
| Endosulfan I | 0.022 | 0.00030 | 0.001 | ug/L | 0.03000 | | 74.7 | 50-125 | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

### Organochlorine Pesticides by EPA Method 8081A - Quality Control

### ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B602036 - EPA 3520C** | | | | | | | | | | | |
| **LCS (B602036-BS1)** | | | | | Prepared: 04-Feb-2016 Analyzed: 18-Apr-2016 | | | | | | |
| Endosulfan II | 0.026 | 0.00030 | 0.001 | ug/L | 0.03000 | | 85.0 | 50-125 | | | |
| Endosulfan sulfate | 0.024 | 0.00030 | 0.001 | ug/L | 0.03000 | | 78.3 | 50-125 | | | |
| Endrin | 0.026 | 0.00030 | 0.001 | ug/L | 0.03000 | | 87.7 | 50-125 | | | |
| Endrin aldehyde | 0.020 | 0.00030 | 0.001 | ug/L | 0.03000 | | 66.0 | 50-125 | | | |
| Endrin ketone | 0.025 | 0.00030 | 0.001 | ug/L | 0.03000 | | 82.0 | 50-125 | | | |
| gamma-BHC (Lindane) | 0.018 | 0.00030 | 0.001 | ug/L | 0.03000 | | 60.7 | 50-125 | | | |
| gamma-Chlordane | 0.022 | 0.00030 | 0.001 | ug/L | 0.03000 | | 71.7 | 50-125 | | | |
| Heptachlor | 0.020 | 0.00030 | 0.001 | ug/L | 0.03000 | | 66.7 | 50-125 | | | |
| Heptachlor epoxide | 0.021 | 0.00030 | 0.001 | ug/L | 0.03000 | | 70.7 | 50-125 | | | |
| Methoxychlor | 0.027 | 0.00030 | 0.001 | ug/L | 0.03000 | | 90.0 | 50-125 | | | |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.00965* | | | *ug/L* | *0.02000* | | *48.2* | *25-140* | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0146* | | | *ug/L* | *0.02000* | | *73.0* | *45-135* | | | |
| **Matrix Spike (B602036-MS1)** | | **Source: 6020201-01** | | | Prepared: 04-Feb-2016 Analyzed: 18-Apr-2016 | | | | | | |
| 2,4´-DDD | 0.065 | 0.00060 | 0.002 | ug/L | 0.07500 | ND | 87.2 | 50-125 | | | |
| 2,4´-DDE | 0.058 | 0.00060 | 0.002 | ug/L | 0.07500 | ND | 77.9 | 50-125 | | | |
| 2,4´-DDT | 0.050 | 0.00060 | 0.002 | ug/L | 0.07500 | ND | 67.2 | 50-125 | | | |
| 4,4´-DDD | 0.057 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 95.7 | 50-125 | | | |
| 4,4´-DDE | 0.047 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 79.0 | 50-125 | | | |
| 4,4´-DDT | 0.038 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 64.0 | 50-125 | | | |
| Aldrin | 0.038 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 63.3 | 50-125 | | | |
| alpha-BHC | 0.042 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 69.7 | 50-125 | | | |
| alpha-Chlordane | 0.041 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 69.0 | 50-125 | | | |
| beta-BHC | 0.044 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 72.7 | 50-125 | | | |
| delta-BHC | 0.023 | 0.00060 | 0.002 | ug/L | 0.02400 | ND | 95.0 | 50-125 | | | |
| Dieldrin | 0.047 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 77.7 | 50-125 | | | |
| Endosulfan I | 0.043 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 72.0 | 50-125 | | | |
| Endosulfan II | 0.047 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 78.7 | 50-125 | | | |
| Endosulfan sulfate | 0.041 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 69.0 | 50-125 | | | |
| Endrin | 0.053 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 89.0 | 50-125 | | | |
| Endrin aldehyde | 0.040 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 66.0 | 50-125 | | | |
| Endrin ketone | 0.045 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 75.0 | 50-125 | | | |
| gamma-BHC (Lindane) | 0.039 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 65.3 | 50-125 | | | |
| gamma-Chlordane | 0.043 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 72.0 | 50-125 | | | |
| Heptachlor | 0.042 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 70.0 | 50-125 | | | |
| Heptachlor epoxide | 0.042 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 69.3 | 50-125 | | | |
| Methoxychlor | 0.042 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 70.0 | 50-125 | | | |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.0200* | | | *ug/L* | *0.04000* | | *49.9* | *25-140* | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0278* | | | *ug/L* | *0.04000* | | *69.5* | *45-135* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

## ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B602036 - EPA 3520C** | | | | | | | | | | | |
| **Matrix Spike Dup (B602036-MSD1)** | | **Source: 6020201-01** | | | Prepared: 04-Feb-2016 Analyzed: 18-Apr-2016 | | | | | | |
| 2,4´-DDD | 0.054 | 0.00060 | 0.002 | ug/L | 0.07500 | ND | 72.3 | 50-125 | 18.7 | 30 | |
| 2,4´-DDE | 0.047 | 0.00060 | 0.002 | ug/L | 0.07500 | ND | 62.1 | 50-125 | 22.5 | 30 | |
| 2,4´-DDT | 0.046 | 0.00060 | 0.002 | ug/L | 0.07500 | ND | 61.9 | 50-125 | 8.26 | 30 | |
| 4,4´-DDD | 0.050 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 83.3 | 50-125 | 13.8 | 30 | |
| 4,4´-DDE | 0.046 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 77.3 | 50-125 | 2.13 | 30 | |
| 4,4´-DDT | 0.040 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 66.0 | 50-125 | 3.08 | 30 | |
| Aldrin | 0.036 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 60.0 | 50-125 | 5.41 | 30 | |
| alpha-BHC | 0.040 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 67.0 | 50-125 | 3.90 | 30 | |
| alpha-Chlordane | 0.040 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 66.7 | 50-125 | 3.44 | 30 | |
| beta-BHC | 0.039 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 65.0 | 50-125 | 11.1 | 30 | |
| delta-BHC | 0.021 | 0.00060 | 0.002 | ug/L | 0.02400 | ND | 86.7 | 50-125 | 9.17 | 30 | |
| Dieldrin | 0.042 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 70.0 | 50-125 | 10.4 | 30 | |
| Endosulfan I | 0.076 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 127 | 50-125 | 55.3 | 30 | Q, RPD-06 |
| Endosulfan II | 0.041 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 69.0 | 50-125 | 13.1 | 30 | |
| Endosulfan sulfate | 0.043 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 72.3 | 50-125 | 4.72 | 30 | |
| Endrin | 0.047 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 79.0 | 50-125 | 11.9 | 30 | |
| Endrin aldehyde | 0.037 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 61.3 | 50-125 | 7.33 | 30 | |
| Endrin ketone | 0.075 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 124 | 50-125 | 49.5 | 30 | RPD-06 |
| gamma-BHC (Lindane) | 0.039 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 65.7 | 50-125 | 0.509 | 30 | |
| gamma-Chlordane | 0.040 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 66.0 | 50-125 | 8.70 | 30 | |
| Heptachlor | 0.044 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 72.7 | 50-125 | 3.74 | 30 | |
| Heptachlor epoxide | 0.040 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 67.0 | 50-125 | 3.42 | 30 | |
| Methoxychlor | 0.046 | 0.00060 | 0.002 | ug/L | 0.06000 | ND | 76.0 | 50-125 | 8.22 | 30 | |
| *Surrogate: 2,4,5,6 Tetrachloro-m-xylene* | *0.0212* | | | *ug/L* | *0.04000* | | *53.0* | *25-140* | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0316* | | | *ug/L* | *0.04000* | | *79.0* | *45-135* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

## ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B602036 - EPA 3520C** | | | | | | | | | | | |
| **Blank (B602036-BLK1)** | | | | | Prepared: 04-Feb-2016 Analyzed: 30-Mar-2016 | | | | | | |
| 1-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Acenaphthene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Acenaphthylene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Anthracene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Benzo (a) anthracene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Benzo (a) pyrene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Benzo (b) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Benzo (g,h,i) perylene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Benzo (k) fluoranthene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Chrysene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Dibenz (a,h) anthracene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Fluoranthene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Fluorene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Naphthalene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Phenanthrene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| Pyrene | ND | 0.00700 | 0.0200 | ug/L | | | | | | | U |
| *Surrogate: 2-Fluorobiphenyl* | *0.48* | | | *ug/L* | *0.6000* | | *80.2* | *45-110* | | | |
| *Surrogate: Terphenyl-dl4* | *0.53* | | | *ug/L* | *0.6000* | | *88.2* | *40-125* | | | |
| **LCS (B602036-BS2)** | | | | | Prepared: 04-Feb-2016 Analyzed: 30-Mar-2016 | | | | | | |
| 1-Methylnaphthalene | 0.69 | 0.00700 | 0.0200 | ug/L | 1.000 | | 68.9 | 40-105 | | | |
| 2-Methylnaphthalene | 0.74 | 0.00700 | 0.0200 | ug/L | 1.000 | | 73.7 | 40-105 | | | |
| Acenaphthene | 0.72 | 0.00700 | 0.0200 | ug/L | 1.000 | | 72.1 | 40-110 | | | |
| Acenaphthylene | 0.72 | 0.00700 | 0.0200 | ug/L | 1.000 | | 72.4 | 40-105 | | | |
| Anthracene | 0.72 | 0.00700 | 0.0200 | ug/L | 1.000 | | 72.1 | 50-110 | | | |
| Benzo (a) anthracene | 0.89 | 0.00700 | 0.0200 | ug/L | 1.000 | | 88.6 | 50-110 | | | |
| Benzo (a) pyrene | 0.93 | 0.00700 | 0.0200 | ug/L | 1.000 | | 93.3 | 50-120 | | | |
| Benzo (b) fluoranthene | 1.0 | 0.00700 | 0.0200 | ug/L | 1.000 | | 103 | 45-120 | | | |
| Benzo (g,h,i) perylene | 0.93 | 0.00700 | 0.0200 | ug/L | 1.000 | | 92.9 | 40-125 | | | |
| Benzo (k) fluoranthene | 0.98 | 0.00700 | 0.0200 | ug/L | 1.000 | | 97.9 | 45-125 | | | |
| Chrysene | 0.88 | 0.00700 | 0.0200 | ug/L | 1.000 | | 88.3 | 50-110 | | | |
| Dibenz (a,h) anthracene | 1.1 | 0.00700 | 0.0200 | ug/L | 1.000 | | 108 | 40-125 | | | |
| Fluoranthene | 0.74 | 0.00700 | 0.0200 | ug/L | 1.000 | | 74.0 | 50-125 | | | |
| Fluorene | 0.70 | 0.00700 | 0.0200 | ug/L | 1.000 | | 69.5 | 50-110 | | | |
| Indeno (1,2,3-cd) pyrene | 1.0 | 0.00700 | 0.0200 | ug/L | 1.000 | | 102 | 45-125 | | | |
| Naphthalene | 0.70 | 0.00700 | 0.0200 | ug/L | 1.000 | | 69.9 | 40-105 | | | |
| Phenanthrene | 0.65 | 0.00700 | 0.0200 | ug/L | 1.000 | | 65.2 | 50-125 | | | |
| Pyrene | 0.80 | 0.00700 | 0.0200 | ug/L | 1.000 | | 80.5 | 45-130 | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

### Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

### ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B602036 - EPA 3520C** | | | | | | | | | | | |
| **LCS (B602036-BS2)** | | | | | Prepared: 04-Feb-2016 Analyzed: 30-Mar-2016 | | | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *0.46* | | | *ug/L* | *0.6000* | | *76.8* | *45-110* | | | |
| *Surrogate: Terphenyl-dl4* | *0.37* | | | *ug/L* | *0.6000* | | *61.2* | *40-125* | | | |
| **Matrix Spike (B602036-MS2)** | | **Source: 6020201-02** | | | Prepared: 04-Feb-2016 Analyzed: 30-Mar-2016 | | | | | | |
| 1-Methylnaphthalene | 1.29 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 64.6 | 40-105 | | | |
| 2-Methylnaphthalene | 1.41 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 70.4 | 40-105 | | | |
| Acenaphthene | 1.41 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 70.3 | 40-110 | | | |
| Acenaphthylene | 1.47 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 73.3 | 40-105 | | | |
| Anthracene | 1.62 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 81.0 | 50-110 | | | |
| Benzo (a) anthracene | 1.95 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 97.4 | 50-110 | | | |
| Benzo (a) pyrene | 1.93 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 96.5 | 50-120 | | | |
| Benzo (b) fluoranthene | 1.82 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 91.0 | 45-120 | | | |
| Benzo (g,h,i) perylene | 1.90 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 94.8 | 40-125 | | | |
| Benzo (k) fluoranthene | 1.81 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 90.7 | 45-125 | | | |
| Chrysene | 1.68 | 0.0140 | 0.0400 | ug/L | 2.000 | 0.0115 | 83.8 | 50-110 | | | |
| Dibenz (a,h) anthracene | 1.98 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 99.1 | 40-125 | | | |
| Fluoranthene | 1.92 | 0.0140 | 0.0400 | ug/L | 2.000 | 0.0189 | 95.3 | 50-125 | | | |
| Fluorene | 1.55 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 77.6 | 50-110 | | | |
| Indeno (1,2,3-cd) pyrene | 2.04 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 102 | 45-125 | | | |
| Naphthalene | 1.26 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 63.2 | 40-100 | | | |
| Phenanthrene | 1.66 | 0.0140 | 0.0400 | ug/L | 2.000 | 0.0186 | 82.3 | 50-125 | | | |
| Pyrene | 1.63 | 0.0140 | 0.0400 | ug/L | 2.000 | 0.0168 | 80.8 | 50-130 | | | |
| *Surrogate: 2-Fluorobiphenyl* | *0.86* | | | *ug/L* | *1.200* | | *72.0* | *45-110* | | | |
| *Surrogate: Terphenyl-dl4* | *1.2* | | | *ug/L* | *1.200* | | *96.0* | *40-125* | | | |
| **Matrix Spike Dup (B602036-MSD2)** | | **Source: 6020201-02** | | | Prepared: 04-Feb-2016 Analyzed: 30-Mar-2016 | | | | | | |
| 1-Methylnaphthalene | 1.43 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 71.6 | 40-105 | 10.3 | 30 | |
| 2-Methylnaphthalene | 1.52 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 75.9 | 40-105 | 7.52 | 30 | |
| Acenaphthene | 1.49 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 74.3 | 40-110 | 5.53 | 30 | |
| Acenaphthylene | 1.53 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 76.7 | 40-105 | 4.53 | 30 | |
| Anthracene | 1.53 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 76.4 | 50-110 | 5.84 | 30 | |
| Benzo (a) anthracene | 2.23 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 112 | 50-110 | 13.5 | 30 | Q |
| Benzo (a) pyrene | 2.02 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 101 | 50-120 | 4.66 | 30 | |
| Benzo (b) fluoranthene | 2.08 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 104 | 45-120 | 13.5 | 30 | |
| Benzo (g,h,i) perylene | 1.91 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 95.6 | 40-125 | 0.840 | 30 | |
| Benzo (k) fluoranthene | 1.82 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 90.8 | 45-125 | 0.110 | 30 | |
| Chrysene | 1.80 | 0.0140 | 0.0400 | ug/L | 2.000 | 0.0115 | 90.1 | 50-110 | 7.25 | 30 | |
| Dibenz (a,h) anthracene | 2.16 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 108 | 40-125 | 8.41 | 30 | |
| Fluoranthene | 1.57 | 0.0140 | 0.0400 | ug/L | 2.000 | 0.0189 | 77.6 | 50-125 | 20.3 | 30 | |
| Fluorene | 1.46 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 73.1 | 50-110 | 5.97 | 30 | |
| Indeno (1,2,3-cd) pyrene | 2.14 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 107 | 45-125 | 4.69 | 30 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: Drifting Exposure | |
|---|---|---|
| Environmental Science and Applied System Branch, 5360? | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Bart Chadwick | 27-Apr-2016 |

## Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

### ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B602036 - EPA 3520C** | | | | | | | | | | | |
| **Matrix Spike Dup (B602036-MSD2)** | | **Source: 6020201-02** | | | Prepared: 04-Feb-2016 Analyzed: 30-Mar-2016 | | | | | | |
| Naphthalene | 1.42 | 0.0140 | 0.0400 | ug/L | 2.000 | ND | 70.8 | 40-100 | 11.3 | 30 | |
| Phenanthrene | 1.67 | 0.0140 | 0.0400 | ug/L | 2.000 | 0.0186 | 82.6 | 50-125 | 0.360 | 30 | |
| Pyrene | 1.88 | 0.0140 | 0.0400 | ug/L | 2.000 | 0.0168 | 93.3 | 50-130 | 14.2 | 30 | |
| *Surrogate: 2-Fluorobiphenyl* | *0.88* | | | *ug/L* | *1.200* | | *73.2* | *45-110* | | | |
| *Surrogate: Terphenyl-dl4* | *0.80* | | | *ug/L* | *1.200* | | *66.8* | *40-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

SPAWAR SYSTEMS CENTER PACIFIC
ADVANCED SYSTEMS & APPLIED SCIENCES DIVISION
ENERGY AND ENVIRONMENTAL SUSTAINABILITY
BRANCH, CODE 7176
53475 STROTHE ROAD
SAN DIEGO, CA 92152-5000

Systems Center
PACIFIC

SPAWAR

**Chain of Custody Record**

Date: **1-Feb-2016**
Page: 1 of 2

**Project Title/Project Number:** ESTCP Drifting Exposure (DrEx) System DemVal

**Project PI:** Dr. D. Bart Chadwick

**Remarks/Air Bill Tracking №:** FEDEX priority overnight -

**Contact:** Ernie Arias

**Sampler(s): (Signature)** Ernie Arias (Code 7175)

**Contact Tel:** (619) 553-3579

**Tel:** 619-553-3579

**Fax:** 619-553-6305

**Email:** ernie.arias@navy.mil

**Special Instructions/Comments:** Water samples; kept dark & cold (4°C)

Special instructions handwritten note: DrEx-109: SAMPLE BAG PUNCTURED, INSUFFI-CIENT SAMPLE VOLUME, EA 02/01/16 (ERNIE ARIAS) NO EQUIP BLANK (EB) SAMPLE

| Field Sample Identification | Date Collected | № of containers | Matrix | Type | Pres. | PCB congeners [8082A / 3510] | PAHs [8270D / 3510] | Pesticides [8081B / 3535] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Requested Analyses | | | | |
| DrEx-106-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-107-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-108-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-109-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x̶ | x̶ | x̶ | EA 02/01/16 | |
| DrEx-110-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-111-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-112-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-113-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-114-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-115-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-Grab-MS-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-Grab-MSD-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-Grab-DUP-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-Grab-Comp-PC2-013116 | 01-31-2016 | 2 | Water | Comp | none | x | x | x | | |
| DrEx-EB-Comp-PC2-013116 | 01-31-2016 | 2̶ | Water̶ | Comp̶ | none̶ | x̶ | x̶ | x̶ | EA 02/01/16 | |

**Relinquished by:** Ernie Arias
(Signature)
**Date:** 2/1/2016
**Time:** 1030

**Received by:** Ernie Arias
(Signature)
**Date:** 2/2/16
**Time:** 15:00

# Items for Project Manager Review

| LabNumber | Analysis | Analyte | Exception |
| --- | --- | --- | --- |

**Appendix C4: DGT Chemistry**

ORANGE CELLS ARE FOR INPUTING PARAMETERS
Step 1: Enter the deployment and recovery date and time - this will auto-calculate the exposure period in seconds. (t)

Step 2: Enter the average temperature during the deployment in whole #'s - this will determine the Diffusion Coefficient for each metal.

Step 3: Enter the Volume of HNO3 added to resin gel during acidification step. (VHNO3)

Step 4: Enter the Sample IDs and Concentration of metal as measured by ICP-MS in the nitric acid elution. (Ce)

Step 5. Enter the thickness of the diffusive gel layer. (Δg)

Step 6. Enter the exposure area as found on the container in which DGTs are delivered in. (A)

The Green Highlighted cells are the final DGT concentration for each metal in µg/L (there is a 1000x multiplier to covert from µg/ml to µg/L).

| | Sample ID | 1a. Deployment Date/Time | 1b. Collection Date/Time | Exposure (sec) | 4. Ce - Concentration of metals in the Nitric Acid elution solution As measured by ICP-MS | | | | | | | | | |
| | | | | | As | Ag | Al | Cd | Cr | Cu | Fe | Mn | Ni | Pb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 106 A 0.8 2D | 1/31/16 8:27 | 1/31/16 15:36 | 25740 | | | | 7.27 | | 5.22 | | | 4.18 | 1.78 |
| 106 | 106 B 0.8 2D | 1/31/16 8:27 | 1/31/16 15:36 | 25740 | | | | 7.29 | | 5.47 | | | 3.31 | 1.53 |
| 107 | 107 A 0.8 2D | 1/31/16 8:55 | 1/31/16 16:09 | 26040 | | | | 7.33 | | 3.96 | | | 3.16 | 1.49 |
| 107 | 107 B 0.8 2D Run Duplicate | 1/31/16 8:55 | 1/31/16 16:09 | 26040 | | | | 7.34 | | 3.11 | | | 2.74 | 1.40 |
| 108 | 108 A 0.8 2D | 1/31/16 9:00 | 1/31/16 15:41 | 24060 | | | | 7.63 | | 5.07 | | | 3.45 | 1.72 |
| 108 | 108 B 0.8 2D | 1/31/16 9:00 | 1/31/16 15:41 | 24060 | | | | 7.66 | | 7.90 | | | 3.31 | 1.87 |
| 109 | 109 A 0.8 2D | 1/31/16 9:21 | 1/31/16 16:48 | 26820 | | | | 7.76 | | 4.45 | | | 5.38 | 4.65 |
| 109 | 109 B 0.8 2D | 1/31/16 9:21 | 1/31/16 16:48 | 26820 | | | | 7.90 | | 2.84 | | | 1.84 | 1.50 |
| 110 | 110 A 0.8 2D | 1/31/16 8:40 | 1/31/16 16:23 | 27780 | | | | 8.09 | | 7.18 | | | 4.97 | 4.02 |
| 110 | 110 B 0.8 2D | 1/31/16 8:40 | 1/31/16 16:23 | 27780 | | | | 8.58 | | 8.44 | | | 4.26 | 1.76 |
| 111 | 111 A 0.8 2D | 1/31/16 9:13 | 1/31/16 16:04 | 24660 | | | | 8.01 | | 7.08 | | | 3.25 | 2.28 |
| 111 | 111 B 0.8 2D | 1/31/16 9:13 | 1/31/16 16:04 | 24660 | | | | 7.98 | | 4.61 | | | 3.74 | 2.17 |
| 112 | 112 A 0.8 2D | 1/31/16 8:48 | 1/31/16 16:45 | 28620 | | | | 8.05 | | 10.53 | | | 3.82 | 1.53 |
| 112 | 112 B 0.8 2D | 1/31/16 8:48 | 1/31/16 16:45 | 28620 | | | | 8.12 | | 7.80 | | | 3.65 | 1.92 |
| 113 | 113 A 0.8 2D | 1/31/16 8:28 | 1/31/16 15:56 | 26880 | | | | 8.13 | | 4.39 | | | 3.00 | 1.19 |
| 113 | 113 B 0.8 2D | 1/31/16 8:28 | 1/31/16 15:56 | 26880 | | | | 8.26 | | 5.47 | | | 3.13 | 2.08 |
| 114 | 114 A 0.8 2D | 1/31/16 9:08 | 1/31/16 16:40 | 27120 | | | | 8.25 | | 3.86 | | | 4.16 | 2.03 |
| 114 | 114 B 0.8 2D | 1/31/16 9:08 | 1/31/16 16:40 | 27120 | | | | 8.28 | | 4.59 | | | 3.89 | 1.42 |
| 115 | 115 A 0.8 2D | 1/31/16 8:24 | 1/31/16 16:54 | 30600 | | | | 8.48 | | 7.37 | | | 5.27 | 1.75 |
| 115 | 115 B 0.8 2D | 1/31/16 8:24 | 1/31/16 16:54 | 30600 | | | | 8.57 | | 7.79 | | | 6.00 | 1.59 |
| 106 | 106 0.4 2D | 1/31/16 8:27 | 1/31/16 15:36 | 25740 | | | | 6.83 | | 10.12 | | | 7.45 | 2.85 |
| 107 | 107 0.4 2D | 1/31/16 8:55 | 1/31/16 16:09 | 26040 | | | | 6.60 | | 7.79 | | | 4.63 | 2.65 |
| 108 | 108 0.4 2D | 1/31/16 9:00 | 1/31/16 15:41 | 24060 | | | | 6.57 | | 6.77 | | | 3.48 | 2.55 |
| 109 | 109 0.4 2D | 1/31/16 9:21 | 1/31/16 16:48 | 26820 | | | | 6.69 | | 7.22 | | | 6.41 | 2.00 |
| 110 | 110 0.4 2D | 1/31/16 8:40 | 1/31/16 16:23 | 27780 | | | | 6.74 | | 6.51 | | | 3.96 | 1.84 |
| 111 | 111 0.4 2D | 1/31/16 9:13 | 1/31/16 16:04 | 24660 | | | | 6.99 | | 8.65 | | | 3.84 | 2.09 |
| 112 | 112 0.4 2D | 1/31/16 8:48 | 1/31/16 16:45 | 28620 | | | | 7.05 | | 10.65 | | | 2.98 | 1.91 |
| 113 | 113 0.4 2D | 1/31/16 8:28 | 1/31/16 15:56 | 26880 | | | | 6.92 | | 6.24 | | | 2.72 | 1.74 |
| 114 | 114 0.4 2D | 1/31/16 9:08 | 1/31/16 16:40 | 27120 | | | | 12.20 | | 12.68 | | | 5.76 | 3.37 |
| 115 | 115 0.4 2D | 1/31/16 8:24 | 1/31/16 16:54 | 30600 | | | | 7.50 | | 10.41 | | | 4.23 | 2.25 |

**3. V$_{HNO3}$ - Volume of HNO$_3$ added to resin gel during acidification step (mL):** | **1.0** | **0.001**

**V$_{gel}$ - Volume of the resin gel (typically 0.16ml = 0.00016L)** | **0.16** | **0.00016**

**D - Diffusio**

*fe* - elution factor for each metal (pulled from table to right) | -

**A - ex**

| | 0.8 | 0.984 | 0.947 | 0.987 | 0.973 | 0.977 | 0.808 | 0.983 | 0.935 | 0.974 | 0.963 | | | | | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

M - Mass of metal in the resin gel
M = Ce(V$_{HNO3}$ + V$_{gel}$)/*fe*

5. Δg - thickness of the diffusive gel (typically 0.8mm) | converted to cm | **Final Δg** PLUS the thickness of the filter membrane (typically 0.14mm):

| Zn | As | Ag | Al | Cd | Cr | Cu | Fe | Mn | Ni | Pb | Zn | | | | | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38.09 | | | | 0.0085 | | 0.0062 | | | 0.01 | 0.0021 | 0.05 | | 0.8 | 0.08 | 0.094 | |
| 36.87 | | | | 0.0086 | | 0.0065 | | | 0.00 | 0.0018 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 37.09 | | | | 0.0086 | | 0.0047 | | | 0.00 | 0.0018 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 35.71 | | | | 0.0086 | | 0.0037 | | | 0.00 | 0.0017 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 36.46 | | | | 0.0090 | | 0.0060 | | | 0.00 | 0.0021 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 38.29 | | | | 0.0090 | | 0.0094 | | | 0.00 | 0.0022 | 0.05 | | 0.8 | 0.08 | 0.094 | |
| 62.37 | | | | 0.0091 | | 0.0053 | | | 0.01 | 0.0055 | 0.08 | | 0.8 | 0.08 | 0.094 | |
| 34.84 | | | | 0.0093 | | 0.0034 | | | 0.00 | 0.0018 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 59.16 | | | | 0.0095 | | 0.0085 | | | 0.01 | 0.0048 | 0.07 | | 0.8 | 0.08 | 0.094 | |
| 39.58 | | | | 0.0101 | | 0.0100 | | | 0.01 | 0.0021 | 0.05 | | 0.8 | 0.08 | 0.094 | |
| 43.71 | | | | 0.0094 | | 0.0084 | | | 0.00 | 0.0027 | 0.05 | | 0.8 | 0.08 | 0.094 | |
| 36.63 | | | | 0.0094 | | 0.0055 | | | 0.00 | 0.0026 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 37.28 | | | | 0.0095 | | 0.0125 | | | 0.00 | 0.0018 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 35.03 | | | | 0.0095 | | 0.0093 | | | 0.00 | 0.0023 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 34.56 | | | | 0.0095 | | 0.0052 | | | 0.00 | 0.0014 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 36.05 | | | | 0.0097 | | 0.0065 | | | 0.00 | 0.0025 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 34.80 | | | | 0.0097 | | 0.0046 | | | 0.01 | 0.0024 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 34.56 | | | | 0.0097 | | 0.0055 | | | 0.00 | 0.0017 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 35.77 | | | | 0.0100 | | 0.0088 | | | 0.01 | 0.0021 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| 33.91 | | | | 0.0101 | | 0.0093 | | | 0.01 | 0.0019 | 0.04 | | 0.8 | 0.08 | 0.094 | |
| | | | | | | | | | | | | | | | | |
| 41.56 | | | | 0.0080 | | 0.0120 | | | 0.01 | 0.0034 | 0.05 | | 0.4 | 0.04 | 0.054 | |
| 38.63 | | | | 0.0078 | | 0.0093 | | | 0.01 | 0.0032 | 0.05 | | 0.4 | 0.04 | 0.054 | |
| 39.57 | | | | 0.0077 | | 0.0080 | | | 0.00 | 0.0030 | 0.05 | | 0.4 | 0.04 | 0.054 | |
| 39.70 | | | | 0.0079 | | 0.0086 | | | 0.01 | 0.0024 | 0.05 | | 0.4 | 0.04 | 0.054 | |
| 39.19 | | | | 0.0079 | | 0.0077 | | | 0.00 | 0.0022 | 0.05 | | 0.4 | 0.04 | 0.054 | |
| 40.44 | | | | 0.0082 | | 0.0103 | | | 0.00 | 0.0025 | 0.05 | | 0.4 | 0.04 | 0.054 | |
| 40.91 | | | | 0.0083 | | 0.0126 | | | 0.00 | 0.0023 | 0.05 | | 0.4 | 0.04 | 0.054 | |
| 37.39 | | | | 0.0081 | | 0.0074 | | | 0.00 | 0.0021 | 0.05 | | 0.4 | 0.04 | 0.054 | |
| 51.30 | | | | 0.0143 | | 0.0151 | | | 0.01 | 0.0040 | 0.06 | | 0.4 | 0.04 | 0.054 | |
| 40.65 | | | | 0.0088 | | 0.0124 | | | 0.01 | 0.0027 | 0.05 | | 0.4 | 0.04 | 0.054 | |

| | | | | 2. Average Temperature of Deployment (°C) | | | 16 | Average & STd Dev | 16.09 | 0.24 |

...on coefficient of metal in the resin gel (temperature and metal specific) - this is pulled from a look up caluclation in columns AC:AM row 6.

-

...posure area (see window size as labeled on container of DGTs when received; typically 3.14 or 2.54cm$^2$):

2.54

| 10.92 | 3.68 | 4.72 | 3.91 | 4.82 | 4.73 | 4.52 | 4.47 | 6.21 | 4.7 |

$C_{DGT}$ - Concentration of metal measured by DGT (µg/L)

$C_{DGT} = M\Delta g/(DtA)*1000$

| Ag | Al | Cd | Cr | Cu | Fe | Mn | Ni | Pb | Zn |
|----|----|------|----|------|----|----|------|------|-------|
| | | 2.60 | | 1.85 | | | 1.67 | 0.49 | 14.04 |
| | | 2.61 | | 1.94 | | | 1.32 | 0.42 | 13.59 |
| | | 2.59 | | 1.39 | | | 1.25 | 0.40 | 13.51 |
| | | 2.60 | | 1.09 | | | 1.08 | 0.38 | 13.01 |
| | | 2.92 | | 1.92 | | | 1.47 | 0.51 | 14.37 |
| | | 2.93 | | 2.99 | | | 1.41 | 0.55 | 15.10 |
| | | 2.66 | | 1.51 | | | 2.06 | 1.23 | 22.06 |
| | | 2.72 | | 0.97 | | | 0.70 | 0.40 | 12.32 |
| | | 2.68 | | 2.36 | | | 1.84 | 1.03 | 20.20 |
| | | 2.84 | | 2.77 | | | 1.57 | 0.45 | 13.51 |
| | | 2.99 | | 2.62 | | | 1.35 | 0.66 | 16.81 |
| | | 2.98 | | 1.70 | | | 1.56 | 0.62 | 14.09 |
| | | 2.59 | | 3.35 | | | 1.37 | 0.38 | 12.36 |
| | | 2.62 | | 2.48 | | | 1.31 | 0.48 | 11.61 |
| | | 2.79 | | 1.49 | | | 1.15 | 0.31 | 12.19 |
| | | 2.83 | | 1.85 | | | 1.20 | 0.55 | 12.72 |
| | | 2.80 | | 1.30 | | | 1.57 | 0.53 | 12.17 |
| | | 2.81 | | 1.54 | | | 1.47 | 0.37 | 12.09 |
| | | 2.55 | | 2.20 | | | 1.77 | 0.41 | 11.09 |
| | | 2.58 | | 2.32 | | | 2.01 | 0.37 | 10.51 |
| | | | | | | | | | |
| | | 1.40 | | 2.06 | | | 1.71 | 0.45 | 8.80 |
| | | 1.34 | | 1.57 | | | 1.05 | 0.42 | 8.08 |
| | | 1.45 | | 1.47 | | | 0.85 | 0.43 | 8.96 |
| | | 1.32 | | 1.41 | | | 1.41 | 0.30 | 8.06 |
| | | 1.28 | | 1.23 | | | 0.84 | 0.27 | 7.69 |
| | | 1.50 | | 1.84 | | | 0.92 | 0.35 | 8.94 |
| | | 1.30 | | 1.95 | | | 0.61 | 0.27 | 7.79 |
| | | 1.36 | | 1.22 | | | 0.60 | 0.26 | 7.58 |
| | | 2.38 | | 2.45 | | | 1.25 | 0.51 | 10.31 |
| | | 1.30 | | 1.78 | | | 0.82 | 0.30 | 7.24 |

**Appendix C5: SPME Chemistry**

See Appendix B5 for complete SPME results for both the January 5-6 and Feb 1, 2016 events.

**Appendix C6: Toxicity Data**

See Appendix B6 for complete toxicity results for both the January 5-6 and Feb 1, 2016 events.

**Appendix C7: GPS validation data**

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 106 | 2.6 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 09:35:51am | New | Point_ge |
| drift 106 | 2.0 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 10:46:28am | New | Point_ge |
| drift 106 | 3.0 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:26:29am | New | Point_ge |
| drift 106 | 2.6 | 1.6 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:07:12pm | New | Point_ge |
| drift 106 | 2.2 | 1.4 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 01:05:34pm | New | Point_ge |
| drift 106 | 1.8 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 02:56:27pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.491 | 0.074 | 0.035 | 0.085085 | 32.673710120 | -117.116057889 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.556 | 0.073 | 0.044 | 0.202563 | 32.672531579 | -117.117609973 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.745 | 0.116 | 0.058 | 0.184344 | 32.672558169 | -117.117707888 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.649 | 0.078 | 0.041 | 0.056606 | 32.672794187 | -117.117352839 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.825 | 0.069 | 0.043 | 0.068973 | 32.672778158 | -117.117809657 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.850 | 0.086 | 0.055 | 0.147784 | 32.673580800 | -117.116386057 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 4 | 1/31/2016 08:35:51 | 32.673721 | -117.116081 | 2.480883493 |
| 16 | 1/31/2016 09:46:28 | 32.67254333 | -117.1176267 | 2.037379455 |
| 26 | 1/31/2016 10:26:29 | 32.67252333 | -117.11772 | 4.02680332 |
| 37 | 1/31/2016 11:07:12 | 32.67275 | -117.11736 | 4.946096497 |
| 49 | 1/31/2016 12:05:34 | 32.67278667 | -117.11776 | 4.752224053 |
| 56 | 1/31/2016 13:56:27 | 32.67357667 | -117.1164533 | 6.326842058 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 107 | 2.3 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 09:59:38am | New | Point_ge |
| drift 107 | 2.0 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:03:51am | New | Point_ge |
| drift 107 | 3.0 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:30:52am | New | Point_ge |
| drift 107 | 2.6 | 1.6 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:06:35pm | New | Point_ge |
| drift 107 | 1.9 | 1.1 | Postprocessed Carrier Float | GeoXH 6000 (cm) | 1/31/2016 | 12:42:08pm | New | Point_ge |
| drift 107 | 2.4 | 1.4 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 01:09:01pm | New | Point_ge |
| drift 107 | 1.8 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 02:53:09pm | New | Point_ge |
| drift 107 | 2.1 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 03:02:30pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.626 | 0.063 | 0.036 | 0.139403 | 32.673916570 | -117.116010854 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.659 | 0.057 | 0.034 | 0.117247 | 32.673139370 | -117.116502164 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.621 | 0.079 | 0.043 | 0.055074 | 32.673082124 | -117.116267939 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.715 | 0.079 | 0.043 | 0.054550 | 32.673031956 | -117.116091304 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.758 | 0.086 | 0.059 | 0.033837 | 32.673044026 | -117.116126265 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.812 | 0.088 | 0.055 | 0.193560 | 32.672985942 | -117.116192975 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.727 | 0.073 | 0.045 | 0.105479 | 32.673798889 | -117.116030465 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.868 | 0.071 | 0.045 | 0.150228 | 32.673942833 | -117.115933533 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 8 | 1/31/2016 08:59:38 | 32.67396 | -117.1160133 | 4.821939296 |
| 19 | 1/31/2016 10:03:51 | 32.67313667 | -117.1164533 | 4.589896609 |
| 29 | 1/31/2016 10:30:52 | 32.67309667 | -117.1163067 | 3.974406918 |
| 40 | 1/31/2016 11:06:35 | 32.67302333 | -117.1161333 | 4.056480356 |
| 41 | 1/31/2016 11:42:08 | 32.67302 | -117.1162 | 7.411509911 |
| 50 | 1/31/2016 12:09:01 | 32.67299667 | -117.1162533 | 5.784920625 |
| 58 | 1/31/2016 13:53:09 | 32.67384 | -117.1160133 | 4.834038561 |
| 59 | 1/31/2016 14:02:30 | 32.67393667 | -117.1159467 | 1.40895669 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 108 | 1.8 | 0.9 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 10:15:57am | New | Point_ge |
| drift 108 | 1.6 | 0.8 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:02:28am | New | Point_ge |
| drift 108 | 2.9 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:36:28am | New | Point_ge |
| drift 108 | 1.9 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:50:02pm | New | Point_ge |
| drift 108 | 2.5 | 1.5 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 02:50:22pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.659 | 0.086 | 0.048 | 0.103857 | 32.673970492 | -117.115980297 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.681 | 0.058 | 0.035 | 0.149771 | 32.673863535 | -117.115965624 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.609 | 0.085 | 0.042 | 0.087060 | 32.673942143 | -117.116214388 |
| DRIFT STORM2.cor | 8 | 8 | SPAWAR Mapping | 0.751 | 0.062 | 0.047 | 0.105079 | 32.673683498 | -117.115877906 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.864 | 0.057 | 0.039 | 0.112123 | 32.673543498 | -117.116129059 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 9 | 1/31/2016 09:15:57 | 32.67399 | -117.1159333 | 4.907564387 |
| 22 | 1/31/2016 10:02:28 | 32.6739 | -117.1159867 | 4.499866849 |
| 30 | 1/31/2016 10:36:28 | 32.67396667 | -117.1162 | 3.036063101 |
| 43 | 1/31/2016 11:50:02 | 32.67376 | -117.1159467 | 10.65706273 |
| 57 | 1/31/2016 13:50:22 | 32.67354667 | -117.1161333 | 0.533117134 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 109 | 2.6 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 10:22:31am | New | Point_ge |
| drift 109 | 2.0 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 10:59:16am | New | Point_ge |
| drift 109 | 2.0 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:38:45am | New | Point_ge |
| drift 109 | 2.6 | 1.6 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:54:47pm | New | Point_ge |
| drift 109 | 6.1 | 3.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 03:03:19pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.636 | 0.067 | 0.043 | 0.077332 | 32.674064230 | -117.115946023 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.561 | 0.074 | 0.045 | 0.055557 | 32.673719689 | -117.116077005 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.698 | 0.145 | 0.085 | 0.098656 | 32.674003996 | -117.116058384 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.684 | 0.084 | 0.054 | 0.104282 | 32.673926505 | -117.116264746 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.912 | 0.071 | 0.043 | 0.223463 | 32.674101252 | -117.115873250 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 12 | 1/31/2016 09:22:31 | 32.67409 | -117.1159867 | 4.764468491 |
| 20 | 1/31/2016 09:59:16 | 32.67375 | -117.1160533 | 4.028529456 |
| 32 | 1/31/2016 10:38:45 | 32.67399 | -117.1160667 | 1.735703923 |
| 46 | 1/31/2016 11:54:47 | 32.67396667 | -117.11628 | 4.678040413 |
| 60 | 1/31/2016 14:03:19 | 32.67408 | -117.11592 | 4.978179869 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---------|----------|----------|-----------|-----------|----------|----------|------------|-----------|
| drift 110 | 2.7 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 09:53:27am | New | Point_ge |
| drift 110 | 2.0 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:04:22am | New | Point_ge |
| drift 110 | 1.9 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:34:06am | New | Point_ge |
| drift 110 | 2.6 | 1.6 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:02:27pm | New | Point_ge |
| drift 110 | 2.6 | 1.6 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:50:21pm | New | Point_ge |
| drift 110 | 2.8 | 2.1 | Postprocessed Carrier Float | GeoXH 6000 (cm) | 1/31/2016 | 02:47:40pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.469 | 0.067 | 0.035 | 0.102495 | 32.673933501 | -117.115996089 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.642 | 0.070 | 0.040 | 0.055258 | 32.672971493 | -117.116695642 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.706 | 0.091 | 0.046 | 0.164790 | 32.672768968 | -117.116700939 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.850 | 0.079 | 0.043 | 0.135316 | 32.672719856 | -117.116566028 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.800 | 0.081 | 0.056 | 0.085342 | 32.672886540 | -117.116582570 |
| DRIFT STORM2.cor | 8 | 8 | SPAWAR Mapping | 0.700 | 0.513 | 0.104 | 0.160782 | 32.672674607 | -117.116726807 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 6 | 1/31/2016 08:53:27 | 32.67393667 | -117.116 | 0.507755942 |
| 17 | 1/31/2016 10:04:22 | 32.67298333 | -117.11672 | 2.635125887 |
| 28 | 1/31/2016 10:34:06 | 32.67278667 | -117.1167333 | 3.617256971 |
| 39 | 1/31/2016 11:02:27 | 32.67273 | -117.1166 | 3.379170955 |
| 42 | 1/31/2016 11:50:21 | 32.67284667 | -117.1165733 | 4.505969888 |
| 54 | 1/31/2016 13:47:40 | 32.67267 | -117.11676 | 3.154995441 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 111 | 2.0 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 10:17:13am | New | Point_ge |
| drift 111 | 2.2 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:04:07am | New | Point_ge |
| drift 111 | 3.2 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:34:36am | New | Point_ge |
| drift 111 | 6.0 | 2.2 | Postprocessed Code | GeoXH 6000 (cm) | 1/31/2016 | 11:39:21am | New | Point_ge |
| drift 111 | 1.7 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:51:05pm | New | Point_ge |
| drift 111 | 1.8 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 03:02:45pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|----------|-----------|----------|------------|------------|-----------|-----------|---------|----------|-----------|
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.774 | 0.065 | 0.043 | 0.120554 | 32.674018189 | -117.115964927 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.685 | 0.067 | 0.040 | 0.095585 | 32.673758507 | -117.115935383 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.798 | 0.095 | 0.044 | 0.060403 | 32.674073517 | -117.116161438 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.397 | 0.161 | 0.063 | 0.002073 | 32.673962870 | -117.116122875 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.710 | 0.057 | 0.043 | 0.138049 | 32.673918004 | -117.115935744 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.754 | 0.073 | 0.050 | 0.059621 | 32.674246974 | -117.115941518 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 11 | 1/31/2016 09:17:13 | 32.67403667 | -117.1159733 | 2.195609958 |
| 21 | 1/31/2016 10:04:07 | 32.67381333 | -117.11592 | 6.249020361 |
| 31 | 1/31/2016 10:34:36 | 32.67400333 | -117.11608 | 10.90533224 |
| 33 | 1/31/2016 10:39:21 | 32.67395333 | -117.1161067 | 1.851955887 |
| 44 | 1/31/2016 11:51:05 | 32.67393 | -117.116 | 6.172000525 |
| 62 | 1/31/2016 14:02:45 | 32.67426667 | -117.1159333 | 2.314890043 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 112 | 2.0 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 10:58:09am | New | Point_ge |
| drift 112 | 2.2 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:27:40am | New | Point_ge |
| drift 112 | 2.6 | 1.6 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:01:37pm | New | Point_ge |
| drift 112 | 2.0 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 02:48:19pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.574 | 0.060 | 0.036 | 0.153012 | 32.672944566 | -117.116700407 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.680 | 0.087 | 0.043 | 0.168427 | 32.672707904 | -117.116733411 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.838 | 0.078 | 0.042 | 0.072064 | 32.672640894 | -117.116830001 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.823 | 0.080 | 0.049 | 0.072640 | 32.672807568 | -117.116683917 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 18 | 1/31/2016 09:58:09 | 32.67296667 | -117.11672 | 3.063388087 |
| 27 | 1/31/2016 10:27:40 | 32.67274333 | -117.1167467 | 4.121092326 |
| 38 | 1/31/2016 11:01:37 | 32.67264667 | -117.11684 | 1.135523982 |
| 55 | 1/31/2016 13:48:19 | 32.6728 | -117.1167333 | 4.710401159 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---------|----------|----------|-----------|-----------|----------|----------|------------|-----------|
| drift 113 | 2.6 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 09:37:37am | New | Point_ge |
| drift 113 | 2.3 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 10:50:06am | New | Point_ge |
| drift 113 | 1.9 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:25:08am | New | Point_ge |
| drift 113 | 2.5 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:03:16pm | New | Point_ge |
| drift 113 | 2.1 | 1.1 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 01:08:55pm | New | Point_ge |
| drift 113 | 1.8 | 0.9 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 02:52:28pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.652 | 0.081 | 0.038 | 0.100216 | 32.673751769 | -117.116058191 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.583 | 0.071 | 0.043 | 0.180983 | 32.672501508 | -117.117556274 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.688 | 0.103 | 0.050 | 0.367495 | 32.672413258 | -117.117593400 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.434 | 0.077 | 0.040 | 0.159216 | 32.672525421 | -117.117607735 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.791 | 0.075 | 0.047 | 0.130529 | 32.672288025 | -117.118520775 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.901 | 0.055 | 0.035 | 0.064237 | 32.672976613 | -117.117534796 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 5 | 1/31/2016 08:37:37 | 32.67375034 | -117.1160853 | 2.547635071 |
| 15 | 1/31/2016 09:50:06 | 32.67259 | -117.1174667 | 12.92082114 |
| 25 | 1/31/2016 10:25:08 | 32.6724 | -117.1176133 | 2.378524809 |
| 36 | 1/31/2016 11:03:16 | 32.6725 | -117.1176 | 2.9110126 |
| 48 | 1/31/2016 12:08:55 | 32.67231333 | -117.11852 | 2.807601185 |
| 52 | 1/31/2016 13:52:28 | 32.67297667 | -117.1175733 | 3.614632193 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---------|----------|----------|-----------|-----------|----------|----------|------------|-----------|
| drift 114 | 1.8 | 0.9 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 10:17:33am | New | Point_ge |
| drift 114 | 2.0 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:06:09am | New | Point_ge |
| drift 114 | 3.6 | 1.5 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:40:18am | New | Point_ge |
| drift 114 | 1.7 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 12:57:23pm | New | Point_ge |
| drift 114 | 1.8 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 03:09:47pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.627 | 0.065 | 0.044 | 0.065975 | 32.674010426 | -117.115971599 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.717 | 0.067 | 0.039 | 0.087109 | 32.673848201 | -117.115999789 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.741 | 0.101 | 0.057 | 0.100944 | 32.674099258 | -117.115969620 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.861 | 0.058 | 0.043 | 0.080401 | 32.673916248 | -117.116332836 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.806 | 0.072 | 0.043 | 0.156103 | 32.674191215 | -117.115907256 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 10 | 1/31/2016 09:17:33 | 32.67404333 | -117.1159733 | 3.653002642 |
| 23 | 1/31/2016 10:06:09 | 32.67389333 | -117.116 | 5.005153966 |
| 34 | 1/31/2016 10:40:18 | 32.67411 | -117.1159867 | 1.99389409 |
| 45 | 1/31/2016 11:57:23 | 32.67395 | -117.1163467 | 3.96147702 |
| 61 | 1/31/2016 14:09:47 | 32.67416333 | -117.1159467 | 4.819245704 |

| Comment | Max_PDOP | Max_HDOP | Corr_Type | Rcvr_Type | GPS_Date | GPS_Time | Update_Sta | Feat_Name |
|---|---|---|---|---|---|---|---|---|
| drift 115 | 2.6 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 09:35:57am | New | Point_ge |
| drift 115 | 2.7 | 1.2 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 10:29:19am | New | Point_ge |
| drift 115 | 1.9 | 0.9 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:24:14am | New | Point_ge |
| drift 115 | 2.5 | 1.3 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 11:58:04am | New | Point_ge |
| drift 115 | 1.8 | 1.0 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 01:05:49pm | New | Point_ge |
| drift 115 | 1.8 | 0.9 | Postprocessed Carrier Fixed | GeoXH 6000 (cm) | 1/31/2016 | 02:46:23pm | New | Point_ge |

| Datafile | Unfilt_Pos | Filt_Pos | Data_Dicti | GNSS_Heigh | Vert_Prec | Horz_Prec | Std_Dev | Latitude | Longitude |
|---|---|---|---|---|---|---|---|---|---|
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.540 | 0.072 | 0.033 | 0.195399 | 32.673647861 | -117.116130877 |
| DRIFT STORM2.cor | 10 | 10 | SPAWAR Mapping | 0.697 | 0.068 | 0.043 | 4.159418 | 32.672483764 | -117.117599783 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.694 | 0.095 | 0.046 | 0.172081 | 32.672247345 | -117.118159057 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.321 | 0.078 | 0.040 | 0.132016 | 32.672230933 | -117.118119241 |
| DRIFT STORM2.cor | 6 | 6 | SPAWAR Mapping | 0.848 | 0.067 | 0.040 | 0.082438 | 32.671913819 | -117.118943733 |
| DRIFT STORM2.cor | 7 | 7 | SPAWAR Mapping | 0.863 | 0.053 | 0.034 | 0.130632 | 32.672778660 | -117.117744616 |

| Point_ID | Date-Time | Drifter Lat | Drifter Long | Delta |
|---|---|---|---|---|
| 3 | 1/31/2016 08:35:57 | 32.673698 | -117.1162587 | 13.21218446 |
| 13 | 1/31/2016 09:29:19 | 32.67249333 | -117.1176 | 1.061421315 |
| 24 | 1/31/2016 10:24:14 | 32.67223333 | -117.1181867 | 3.020078606 |
| 35 | 1/31/2016 10:58:04 | 32.67226 | -117.11812 | 3.224277087 |
| 47 | 1/31/2016 12:05:49 | 32.67194333 | -117.1189067 | 4.774966588 |
| 53 | 1/31/2016 13:46:23 | 32.67277667 | -117.1177867 | 3.950351991 |

**Appendix D:  DPS Mar 12-13, 2016 Oscar Pier Event Data**

**Appendix D1: GPS Data**

GPS data files are too large to include in printed format. Data are available from PI upon request.

**Appendix D2. Winch Data**

DPS1-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deplo | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 8:01 | 72.3342014 | Deployment begins | | 1 | | | | | | | | | | | |
| 3/12/2016 8:01 | 72.3343750 | Deploying | | 2 | 15 | 0.91 | 0 | 0.02 | 8.05 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 8:02 | 72.3347222 | Deploying | | 2 | 45 | 0.91 | 0 | 0.03 | 8 | 0 | 0 | 0 | -4 | -5 | -3 | -5 |
| 3/12/2016 8:02 | 72.3350694 | Deploying | | 2 | 75 | 0.91 | 0 | 0.05 | 8.03 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 8:03 | 72.3354167 | Deploying | | 2 | 105 | 0.91 | 0 | 0.07 | 8.05 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:03 | 72.3357639 | Deploying | | 2 | 135 | 0.91 | 0 | 0.08 | 8.05 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:04 | 72.3361111 | Deploying | | 2 | 165 | 0.91 | 0 | 0.1 | 8.06 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:04 | 72.3364583 | Deploying | | 2 | 195 | 0.91 | 0 | 0.12 | 8.06 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:05 | 72.3368056 | Deploying | | 2 | 225 | 0.91 | 0 | 0.14 | 8.1 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:05 | 72.3371528 | Deploying | | 2 | 255 | 0.91 | 0 | 0.15 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:06 | 72.3375000 | Deploying | | 2 | 285 | 0.91 | 0 | 0.17 | 8.08 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:06 | 72.3378472 | Deploying | | 2 | 315 | 0.92 | 0 | 0.19 | 8.06 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 8:07 | 72.3381944 | Deploying | | 2 | 345 | 0.91 | 0 | 0.2 | 8.06 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:07 | 72.3385417 | Deploying | | 2 | 375 | 0.91 | 0 | 0.22 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:08 | 72.3388889 | Deploying | | 2 | 405 | 0.92 | 0 | 0.24 | 8.06 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:08 | 72.3392361 | Deploying | | 2 | 435 | 0.91 | 0 | 0.25 | 8.05 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:09 | 72.3395833 | Deploying | | 2 | 465 | 0.91 | 0 | 0.27 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:09 | 72.3399306 | Deploying | | 2 | 495 | 0.91 | 0 | 0.29 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:10 | 72.3402778 | Deploying | | 2 | 525 | 0.91 | 0 | 0.31 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:10 | 72.3406250 | Deploying | | 2 | 555 | 0.91 | 0 | 0.32 | 8.06 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:11 | 72.3409722 | Deploying | | 2 | 585 | 0.92 | 0 | 0.34 | 8.03 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:11 | 72.3413194 | Deploying | | 2 | 615 | 0.92 | 0 | 0.36 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:12 | 72.3416667 | Deploying | | 2 | 645 | 0.92 | 0 | 0.37 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:12 | 72.3420139 | Deploying | | 2 | 675 | 0.92 | 0 | 0.39 | 8.08 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:13 | 72.3423611 | Deploying | | 2 | 705 | 0.91 | 0 | 0.41 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:13 | 72.3427083 | Deploying | | 2 | 735 | 0.92 | 0 | 0.42 | 8.05 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:14 | 72.3430556 | Deploying | | 2 | 765 | 0.91 | 0 | 0.44 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:14 | 72.3434028 | Deploying | | 2 | 795 | 0.92 | 0 | 0.46 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:15 | 72.3437500 | Deploying | | 2 | 825 | 0.92 | 0 | 0.48 | 8.06 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:15 | 72.3440972 | Deploying | | 2 | 855 | 0.91 | 0 | 0.49 | 8.08 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:16 | 72.3444444 | Deploying | | 2 | 885 | 0.91 | 0 | 0.51 | 8.06 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:16 | 72.3447917 | Deploying | | 2 | 915 | 0.9 | 0 | 0.53 | 8.03 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:17 | 72.3451389 | Deploying | | 2 | 945 | 0.92 | 0 | 0.54 | 8.05 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:17 | 72.3454861 | Deploying | | 2 | 975 | 0.91 | 0 | 0.56 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:18 | 72.3458333 | Deploying | | 2 | 1005 | 0.92 | 0 | 0.58 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:18 | 72.3461806 | Deploying | | 2 | 1035 | 0.91 | 0 | 0.59 | 8.05 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 8:19 | 72.3465278 | Deploying | | 2 | 1065 | 0.92 | 0 | 0.61 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:19 | 72.3468750 | Deploying | | 2 | 1095 | 0.91 | 0 | 0.63 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:20 | 72.3472222 | Deploying | | 2 | 1125 | 0.91 | 0 | 0.65 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:20 | 72.3475694 | Deploying | | 2 | 1155 | 0.91 | 0 | 0.66 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:21 | 72.3479167 | Deploying | | 2 | 1185 | 0.91 | 0 | 0.68 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:21 | 72.3482639 | Deploying | | 2 | 1215 | 0.92 | 0 | 0.7 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:22 | 72.3486111 | Deploying | | 2 | 1245 | 0.91 | 0 | 0.71 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:22 | 72.3489583 | Deploying | | 2 | 1275 | 0.91 | 0 | 0.73 | 8.06 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:23 | 72.3493056 | Deploying | | 2 | 1305 | 0.91 | 0 | 0.75 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:23 | 72.3496528 | Deploying | | 2 | 1335 | 0.91 | 0 | 0.76 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:24 | 72.3500000 | Deploying | | 2 | 1365 | 0.92 | 0 | 0.78 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:24 | 72.3503472 | Deploying | | 2 | 1395 | 0.92 | 0 | 0.8 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:25 | 72.3506944 | Deploying | | 2 | 1425 | 0.91 | 0 | 0.82 | 8.06 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:25 | 72.3510417 | Deploying | | 2 | 1455 | 0.92 | 0 | 0.83 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:26 | 72.3513889 | Deploying | | 2 | 1485 | 0.92 | 0 | 0.85 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:26 | 72.3517361 | Deploying | | 2 | 1515 | 0.92 | 0 | 0.87 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |

| Date/Time | Value Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 8:27 | 72.3520833 Deploying | 2 | 1545 | 0.92 | 0 | 0.88 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:27 | 72.3524306 Deploying | 2 | 1575 | 0.92 | 0 | 0.9 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:28 | 72.3527778 Deploying | 2 | 1605 | 0.92 | 0 | 0.92 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:28 | 72.3531250 Deploying | 2 | 1635 | 0.92 | 0 | 0.93 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:29 | 72.3534722 Deploying | 2 | 1665 | 0.91 | 0 | 0.95 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:29 | 72.3538194 Deploying | 2 | 1695 | 0.92 | 0 | 0.97 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:29 | 72.3541435 Winding down 1596 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:30 | 72.3541667 Deploying | 2 | 1725 | 0.93 | 0.06 | 0.99 | 7.98 | 1992 | 1455 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:30 | 72.3545139 Deploying | 2 | 1755 | 0.97 | 0.06 | 1 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:31 | 72.3548611 Deploying | 2 | 1785 | 0.97 | 0.06 | 1.02 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:31 | 72.3551389 Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:31 | 72.3552083 Deploying | 2 | 1815 | 0.99 | 0.11 | 1.04 | 8.03 | 2007 | 1478 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 8:32 | 72.3555556 Deploying | 2 | 1845 | 1.04 | 0.11 | 1.05 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:32 | 72.3559028 Deploying | 2 | 1875 | 1.04 | 0.11 | 1.07 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:33 | 72.3562500 Deploying | 2 | 1905 | 1.04 | 0.11 | 1.09 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:33 | 72.3565856 Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:33 | 72.3565972 Deploying | 2 | 1935 | 1.04 | 0.18 | 1.1 | 8.03 | 2056 | 1479 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:34 | 72.3569444 Deploying | 2 | 1965 | 1.1 | 0.18 | 1.12 | 8.03 | 2056 | 7 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:34 | 72.3572917 Deploying | 2 | 1995 | 1.1 | 0.18 | 1.14 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:35 | 72.3576389 Deploying | 2 | 2025 | 1.1 | 0.18 | 1.16 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:35 | 72.3578588 Winding down 1544 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:35 | 72.3579861 Deploying | 2 | 2055 | 1.12 | 0.23 | 1.17 | 8.02 | 2017 | 1485 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 8:36 | 72.3583333 Deploying | 2 | 2085 | 1.17 | 0.23 | 1.19 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:36 | 72.3586806 Deploying | 2 | 2115 | 1.17 | 0.23 | 1.21 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:37 | 72.3590278 Deploying | 2 | 2145 | 1.16 | 0.23 | 1.22 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:37 | 72.3590625 Winding down 1542 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:37 | 72.3593750 Deploying | 2 | 2175 | 1.23 | 0.29 | 1.24 | 8.02 | 2043 | 1489 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:38 | 72.3597222 Deploying | 2 | 2205 | 1.24 | 0.29 | 1.26 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:38 | 72.3600694 Deploying | 2 | 2235 | 1.24 | 0.29 | 1.27 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:39 | 72.3604167 Deploying | 2 | 2265 | 1.23 | 0.29 | 1.29 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:39 | 72.3605903 Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:39 | 72.3607639 Deploying | 2 | 2295 | 1.27 | 0.35 | 1.31 | 8.02 | 2023 | 1496 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:40 | 72.3611111 Deploying | 2 | 2325 | 1.3 | 0.35 | 1.33 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:40 | 72.3614583 Deploying | 2 | 2355 | 1.3 | 0.35 | 1.34 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:41 | 72.3618056 Deploying | 2 | 2385 | 1.31 | 0.35 | 1.36 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:41 | 72.3619676 Winding down 1498 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:41 | 72.3621528 Deploying | 2 | 2415 | 1.34 | 0.41 | 1.38 | 8 | 2027 | 1475 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:42 | 72.3625000 Deploying | 2 | 2445 | 1.37 | 0.41 | 1.39 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:42 | 72.3628472 Deploying | 2 | 2475 | 1.37 | 0.41 | 1.41 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:43 | 72.3631944 Deploying | 2 | 2505 | 1.38 | 0.41 | 1.43 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:43 | 72.3633333 Winding down 1470 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:43 | 72.3635417 Deploying | 2 | 2535 | 1.41 | 0.46 | 1.44 | 8.03 | 2039 | 1505 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:44 | 72.3638889 Deploying | 2 | 2565 | 1.44 | 0.46 | 1.46 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:44 | 72.3642361 Deploying | 2 | 2595 | 1.44 | 0.46 | 1.48 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:45 | 72.3645833 Deploying | 2 | 2625 | 1.43 | 0.46 | 1.5 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:45 | 72.3646759 Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:45 | 72.3649306 Deploying | 2 | 2655 | 1.49 | 0.53 | 1.51 | 8.02 | 2017 | 1480 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:46 | 72.3652778 Deploying | 2 | 2685 | 1.51 | 0.53 | 1.53 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:46 | 72.3656250 Deploying | 2 | 2715 | 1.52 | 0.53 | 1.55 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:47 | 72.3659722 Deploying | 2 | 2745 | 1.51 | 0.53 | 1.56 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:47 | 72.3660764 Winding down 1502 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:47 | 72.3663194 Deploying | 2 | 2775 | 1.56 | 0.59 | 1.58 | 8.02 | 2055 | 1497 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:48 | 72.3666667 Deploying | 2 | 2805 | 1.57 | 0.59 | 1.6 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 8:48 | 72.3670139 Deploying | 2 | 2835 | 1.57 | 0.59 | 1.61 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:49 | 72.3673611 Deploying | 2 | 2865 | 1.57 | 0.59 | 1.63 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:49 | 72.3675000 Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:49 | 72.3677083 Deploying | 2 | 2895 | 1.61 | 0.65 | 1.65 | 8.05 | 2112 | 1500 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:50 | 72.3680556 Deploying | 2 | 2925 | 1.65 | 0.65 | 1.67 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:50 | 72.3684028 Deploying | 2 | 2955 | 1.64 | 0.65 | 1.68 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:51 | 72.3687500 Deploying | 2 | 2985 | 1.64 | 0.65 | 1.7 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:51 | 72.3687500 Winding down 1400 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:51 | 72.3690972 Deploying | 2 | 3015 | 1.7 | 0.7 | 1.72 | 8.05 | 1934 | 1478 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:52 | 72.3694444 Deploying | 2 | 3045 | 1.71 | 0.7 | 1.73 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:52 | 72.3697917 Deploying | 2 | 3075 | 1.71 | 0.7 | 1.75 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:53 | 72.3701389 Deploying | 2 | 3105 | 1.71 | 0.7 | 1.77 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:53 | 72.3702431 Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:53 | 72.3704861 Deploying | 2 | 3135 | 1.76 | 0.76 | 1.78 | 8.03 | 2019 | 1485 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:54 | 72.3708333 Deploying | 2 | 3165 | 1.78 | 0.76 | 1.8 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:54 | 72.3711806 Deploying | 2 | 3195 | 1.78 | 0.76 | 1.82 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:55 | 72.3715278 Deploying | 2 | 3225 | 1.77 | 0.76 | 1.84 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:55 | 72.3715625 Winding down 1667 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:55 | 72.3718750 Deploying | 2 | 3255 | 1.84 | 0.83 | 1.85 | 8.02 | 2166 | 1491 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:56 | 72.3722222 Deploying | 2 | 3285 | 1.84 | 0.83 | 1.87 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:56 | 72.3725694 Deploying | 2 | 3315 | 1.86 | 0.83 | 1.89 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:57 | 72.3729167 Deploying | 2 | 3345 | 1.86 | 0.83 | 1.9 | 8.05 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:57 | 72.3732292 Winding down 1782 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:57 | 72.3732639 Deploying | 2 | 3375 | 1.85 | 0.89 | 1.92 | 8.05 | 2019 | 1494 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 8:58 | 72.3736111 Deploying | 2 | 3405 | 1.91 | 0.89 | 1.94 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:58 | 72.3739583 Deploying | 2 | 3435 | 1.92 | 0.89 | 1.95 | 8 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 8:59 | 72.3743056 Deploying | 2 | 3465 | 1.92 | 0.89 | 1.97 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 8:59 | 72.3745718 Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 8:59 | 72.3746528 Deploying | 2 | 3495 | 1.94 | 0.95 | 1.99 | 8.02 | 2153 | 1499 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:00 | 72.3750000 Deploying | 2 | 3525 | 1.99 | 0.95 | 2.01 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:00 | 72.3753472 Deploying | 2 | 3555 | 1.99 | 0.95 | 2.02 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:01 | 72.3756944 Deploying | 2 | 3585 | 1.99 | 0.95 | 2.04 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:01 | 72.3759954 Winding down 1343 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:01 | 72.3760417 Deploying | 2 | 3615 | 2.01 | 1 | 2.06 | 8.03 | 1986 | 1466 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 9:02 | 72.3763889 Deploying | 2 | 3645 | 2.05 | 1 | 2.07 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:02 | 72.3767361 Deploying | 2 | 3675 | 2.05 | 1 | 2.09 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:03 | 72.3770833 Deploying | 2 | 3705 | 2.05 | 1 | 2.11 | 8.02 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:03 | 72.3772222 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:03 | 72.3774306 Deploying | 2 | 3735 | 2.09 | 1.06 | 2.12 | 8.05 | 1964 | 1476 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:04 | 72.3777778 Deploying | 2 | 3765 | 2.12 | 1.06 | 2.14 | 8.03 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:04 | 72.3781250 Deploying | 2 | 3795 | 2.13 | 1.06 | 2.16 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:05 | 72.3784722 Deploying | 2 | 3825 | 2.13 | 1.06 | 2.18 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:05 | 72.3788079 Winding down 1885 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:05 | 72.3788194 Deploying | 2 | 3855 | 2.12 | 1.14 | 2.19 | 8.02 | 2143 | 1483 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 9:06 | 72.3791667 Deploying | 2 | 3885 | 2.2 | 1.14 | 2.21 | 8.02 | 2143 | 6 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:06 | 72.3795139 Deploying | 2 | 3915 | 2.2 | 1.14 | 2.23 | 8.05 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 3/12/2016 9:07 | 72.3798611 Deploying | 2 | 3945 | 2.2 | 1.14 | 2.24 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:07 | 72.3802083 Deploying | 2 | 3975 | 2.21 | 1.14 | 2.26 | 8.02 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:07 | 72.3802894 Winding down 1624 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:08 | 72.3805556 Deploying | 2 | 4005 | 2.25 | 1.2 | 2.28 | 8.02 | 1905 | 1469 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:08 | 72.3809028 Deploying | 2 | 4035 | 2.28 | 1.2 | 2.29 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:09 | 72.3812500 Deploying | 2 | 4065 | 2.27 | 1.2 | 2.31 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:09 | 72.3815972 Deploying | 2 | 4095 | 2.27 | 1.2 | 2.33 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 9:09 | 72.3817014 Winding down 1477 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:10 | 72.3819444 Deploying | 2 | 4125 | 2.32 | 1.25 | 2.35 | 8.03 | 2024 | 1487 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:10 | 72.3822917 Deploying | 2 | 4155 | 2.35 | 1.25 | 2.36 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:11 | 72.3826389 Deploying | 2 | 4185 | 2.34 | 1.25 | 2.38 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:11 | 72.3829861 Deploying | 2 | 4215 | 2.34 | 1.25 | 2.4 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:11 | 72.3831134 Winding down 1630 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:12 | 72.3833333 Deploying | 2 | 4245 | 2.38 | 1.31 | 2.41 | 8 | 2005 | 1479 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:12 | 72.3836806 Deploying | 2 | 4275 | 2.41 | 1.31 | 2.43 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:13 | 72.3840278 Deploying | 2 | 4305 | 2.41 | 1.31 | 2.45 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:13 | 72.3843750 Deploying | 2 | 4335 | 2.41 | 1.31 | 2.46 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:13 | 72.3845023 Winding down 1505 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:14 | 72.3847222 Deploying | 2 | 4365 | 2.45 | 1.37 | 2.48 | 8.03 | 2175 | 1488 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:14 | 72.3850694 Deploying | 2 | 4395 | 2.48 | 1.37 | 2.5 | 8.03 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:15 | 72.3854167 Deploying | 2 | 4425 | 2.48 | 1.37 | 2.52 | 8.02 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:15 | 72.3857639 Deploying | 2 | 4455 | 2.48 | 1.37 | 2.53 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:15 | 72.3859259 Winding down 1473 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:16 | 72.3861111 Deploying | 2 | 4485 | 2.51 | 1.43 | 2.55 | 8 | 1959 | 1468 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:16 | 72.3864583 Deploying | 2 | 4515 | 2.54 | 1.43 | 2.57 | 8 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:17 | 72.3868056 Deploying | 2 | 4545 | 2.54 | 1.43 | 2.58 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:17 | 72.3871528 Deploying | 2 | 4575 | 2.54 | 1.43 | 2.6 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:17 | 72.3872106 Winding down 1645 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:18 | 72.3875000 Deploying | 2 | 4605 | 2.6 | 1.49 | 2.62 | 8 | 1949 | 1480 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:18 | 72.3878472 Deploying | 2 | 4635 | 2.62 | 1.49 | 2.63 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:19 | 72.3881944 Deploying | 2 | 4665 | 2.62 | 1.49 | 2.65 | 8 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 9:19 | 72.3885417 Deploying | 2 | 4695 | 2.62 | 1.49 | 2.67 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:19 | 72.3887847 Winding down 1622 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:20 | 72.3888889 Deploying | 2 | 4725 | 2.64 | 1.55 | 2.69 | 8.02 | 1959 | 1480 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:20 | 72.3892361 Deploying | 2 | 4755 | 2.68 | 1.55 | 2.7 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:21 | 72.3895833 Deploying | 2 | 4785 | 2.69 | 1.55 | 2.72 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:21 | 72.3899306 Deploying | 2 | 4815 | 2.69 | 1.55 | 2.74 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:21 | 72.3902431 Winding down 1632 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:22 | 72.3902778 Deploying | 2 | 4845 | 2.69 | 1.61 | 2.75 | 8.02 | 2006 | 1488 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 9:22 | 72.3906250 Deploying | 2 | 4875 | 2.76 | 1.61 | 2.77 | 8.02 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 3/12/2016 9:23 | 72.3909722 Deploying | 2 | 4905 | 2.76 | 1.61 | 2.79 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:23 | 72.3913194 Deploying | 2 | 4935 | 2.76 | 1.61 | 2.8 | 8 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:24 | 72.3916667 Deploying | 2 | 4965 | 2.76 | 1.61 | 2.82 | 8.02 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:24 | 72.3917361 Winding down 1560 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:24 | 72.3920139 Deploying | 2 | 4995 | 2.81 | 1.67 | 2.84 | 8.02 | 2015 | 1489 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:25 | 72.3923611 Deploying | 2 | 5025 | 2.82 | 1.67 | 2.86 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:25 | 72.3927083 Deploying | 2 | 5055 | 2.82 | 1.67 | 2.87 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:25 | 72.3929051 Winding down 1415 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:26 | 72.3930556 Deploying | 2 | 5085 | 2.85 | 1.73 | 2.89 | 8.02 | 2004 | 1498 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:26 | 72.3934028 Deploying | 2 | 5115 | 2.89 | 1.73 | 2.91 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:27 | 72.3937500 Deploying | 2 | 5145 | 2.89 | 1.73 | 2.92 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:27 | 72.3940972 Deploying | 2 | 5175 | 2.89 | 1.73 | 2.94 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:27 | 72.3943634 Winding down 1650 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:28 | 72.3944444 Deploying | 2 | 5205 | 2.91 | 1.79 | 2.96 | 8.02 | 2031 | 1505 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:28 | 72.3947917 Deploying | 2 | 5235 | 2.97 | 1.79 | 2.97 | 8.02 | 0 | 0 | 0 | -2 | -4 | -3 | -4 |
| 3/12/2016 9:29 | 72.3951389 Deploying | 2 | 5265 | 2.97 | 1.79 | 2.99 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:29 | 72.3954861 Deploying | 2 | 5295 | 2.97 | 1.79 | 3.01 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:30 | 72.3958333 Deploying | 2 | 5325 | 2.96 | 1.79 | 3.03 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:30 | 72.3959259 Winding down 1763 ticks | 3 | | | | | | | | | | | | | |
| 3/12/2016 9:30 | 72.3961806 Deploying | 2 | 5355 | 3.02 | 1.85 | 3.04 | 8 | 1964 | 1483 | 0 | -3 | -3 | -2 | -3 |

| Date | Value Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/12/2016 9:31 | 72.3965278 Deploying | 2 | 5385 | 3.04 | 1.85 | 3.06 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:31 | 72.3968750 Deploying | 2 | 5415 | 3.04 | 1.85 | 3.08 | 8 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:32 | 72.3972222 Deploying | 2 | 5445 | 3.04 | 1.85 | 3.09 | 8.02 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:32 | 72.3974306 Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:32 | 72.3975694 Deploying | 2 | 5475 | 3.07 | 1.91 | 3.11 | 8.02 | 2021 | 1495 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:33 | 72.3979167 Deploying | 2 | 5505 | 3.11 | 1.91 | 3.13 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:33 | 72.3982639 Deploying | 2 | 5535 | 3.11 | 1.91 | 3.14 | 8.02 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:34 | 72.3986111 Deploying | 2 | 5565 | 3.11 | 1.91 | 3.16 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:34 | 72.3987731 Winding down 1323 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:34 | 72.3989583 Deploying | 2 | 5595 | 3.14 | 1.96 | 3.18 | 8 | 2075 | 1509 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:35 | 72.3993056 Deploying | 2 | 5625 | 3.17 | 1.96 | 3.2 | 7.98 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 9:35 | 72.3996528 Deploying | 2 | 5655 | 3.17 | 1.96 | 3.21 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:35 | 72.3999653 Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:36 | 72.4000000 Deploying | 2 | 5685 | 3.17 | 2.03 | 3.23 | 8.02 | 2003 | 1487 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:36 | 72.4003472 Deploying | 2 | 5715 | 3.25 | 2.03 | 3.25 | 8.02 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:37 | 72.4006944 Deploying | 2 | 5745 | 3.24 | 2.03 | 3.26 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:37 | 72.4010417 Deploying | 2 | 5775 | 3.24 | 2.03 | 3.28 | 8.03 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:38 | 72.4013889 Deploying | 2 | 5805 | 3.24 | 2.03 | 3.3 | 8 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 3/12/2016 9:38 | 72.4015741 Winding down 1751 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:38 | 72.4017361 Deploying | 2 | 5835 | 3.27 | 2.09 | 3.31 | 8.02 | 2022 | 1499 | 0 | -2 | -5 | -3 | -5 |
| 3/12/2016 9:39 | 72.4020833 Deploying | 2 | 5865 | 3.31 | 2.09 | 3.33 | 8.02 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:39 | 72.4024306 Deploying | 2 | 5895 | 3.31 | 2.09 | 3.35 | 7.98 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 9:40 | 72.4027778 Deploying | 2 | 5925 | 3.31 | 2.09 | 3.37 | 8 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 3/12/2016 9:40 | 72.4029630 Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:40 | 72.4031250 Deploying | 2 | 5955 | 3.34 | 2.15 | 3.38 | 8.03 | 2028 | 1494 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:41 | 72.4034722 Deploying | 2 | 5985 | 3.38 | 2.15 | 3.4 | 7.97 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:41 | 72.4038194 Deploying | 2 | 6015 | 3.39 | 2.15 | 3.42 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:42 | 72.4041667 Deploying | 2 | 6045 | 3.39 | 2.15 | 3.43 | 7.98 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 3/12/2016 9:42 | 72.4045139 Deploying | 2 | 6075 | 3.39 | 2.15 | 3.45 | 7.98 | 0 | 0 | 0 | -2 | -4 | -3 | -4 |
| 3/12/2016 9:42 | 72.4045139 Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:43 | 72.4048611 Deploying | 2 | 6105 | 3.45 | 2.21 | 3.47 | 8 | 2004 | 1488 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:43 | 72.4052083 Deploying | 2 | 6135 | 3.46 | 2.21 | 3.48 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:44 | 72.4055556 Deploying | 2 | 6165 | 3.45 | 2.21 | 3.5 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:44 | 72.4057292 Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:44 | 72.4059028 Deploying | 2 | 6195 | 3.49 | 2.27 | 3.52 | 7.98 | 1952 | 1497 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 9:45 | 72.4062500 Deploying | 2 | 6225 | 3.53 | 2.27 | 3.54 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:45 | 72.4065972 Deploying | 2 | 6255 | 3.53 | 2.27 | 3.55 | 8 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:46 | 72.4069444 Deploying | 2 | 6285 | 3.52 | 2.27 | 3.57 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:46 | 72.4072917 Deploying | 2 | 6315 | 3.53 | 2.27 | 3.59 | 8.02 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:46 | 72.4073380 Winding down 1656 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:47 | 72.4076389 Deploying | 2 | 6345 | 3.58 | 2.34 | 3.6 | 8.02 | 2047 | 1489 | 0 | -4 | -2 | -3 | -2 |
| 3/12/2016 9:47 | 72.4079861 Deploying | 2 | 6375 | 3.6 | 2.34 | 3.62 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:48 | 72.4083333 Deploying | 2 | 6405 | 3.6 | 2.34 | 3.64 | 7.97 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 9:48 | 72.4086806 Deploying | 2 | 6435 | 3.6 | 2.34 | 3.65 | 8 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:48 | 72.4088426 Winding down 1748 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:49 | 72.4090278 Deploying | 2 | 6465 | 3.63 | 2.4 | 3.67 | 8.02 | 2004 | 1494 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:49 | 72.4093750 Deploying | 2 | 6495 | 3.67 | 2.4 | 3.69 | 8.03 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:50 | 72.4097222 Deploying | 2 | 6525 | 3.67 | 2.4 | 3.71 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:50 | 72.4100694 Deploying | 2 | 6555 | 3.67 | 2.4 | 3.72 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:50 | 72.4102315 Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:51 | 72.4104167 Deploying | 2 | 6585 | 3.71 | 2.46 | 3.74 | 8 | 2024 | 1497 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:51 | 72.4107639 Deploying | 2 | 6615 | 3.74 | 2.46 | 3.76 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:52 | 72.4111111 Deploying | 2 | 6645 | 3.74 | 2.46 | 3.77 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 9:52 | 72.4114583 Deploying | 2 | 6675 | 3.75 | 2.46 | 3.79 | 8.03 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 9:53 | 72.4118056 Deploying | 2 | 6705 | 3.74 | 2.46 | 3.81 | 8.02 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:53 | 72.4118056 Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:53 | 72.4121528 Deploying | 2 | 6735 | 3.81 | 2.52 | 3.82 | 8.02 | 2231 | 1523 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:54 | 72.4125000 Deploying | 2 | 6765 | 3.81 | 2.52 | 3.84 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:54 | 72.4128472 Deploying | 2 | 6795 | 3.81 | 2.52 | 3.86 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:55 | 72.4131944 Deploying | 2 | 6825 | 3.81 | 2.52 | 3.88 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:55 | 72.4132176 Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:55 | 72.4135417 Deploying | 2 | 6855 | 3.88 | 2.58 | 3.89 | 8.02 | 2198 | 1501 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:56 | 72.4138889 Deploying | 2 | 6885 | 3.89 | 2.58 | 3.91 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:56 | 72.4142361 Deploying | 2 | 6915 | 3.89 | 2.58 | 3.93 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:57 | 72.4145833 Deploying | 2 | 6945 | 3.88 | 2.58 | 3.94 | 7.98 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 9:57 | 72.4147685 Winding down 1751 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:57 | 72.4149306 Deploying | 2 | 6975 | 3.92 | 2.65 | 3.96 | 7.98 | 2078 | 1498 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 9:58 | 72.4152778 Deploying | 2 | 7005 | 3.96 | 2.65 | 3.98 | 8 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 9:58 | 72.4156250 Deploying | 2 | 7035 | 3.96 | 2.65 | 3.99 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:59 | 72.4159722 Deploying | 2 | 7065 | 3.95 | 2.65 | 4.01 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 9:59 | 72.4161111 Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:59 | 72.4163194 Deploying | 2 | 7095 | 4 | 2.71 | 4.03 | 8 | 2038 | 1498 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:00 | 72.4166667 Deploying | 2 | 7125 | 4.04 | 2.71 | 4.05 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:00 | 72.4170139 Deploying | 2 | 7155 | 4.03 | 2.71 | 4.06 | 8 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 3/12/2016 10:01 | 72.4173611 Deploying | 2 | 7185 | 4.04 | 2.71 | 4.08 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:01 | 72.4177083 Deploying | 2 | 7215 | 4.03 | 2.71 | 4.1 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:01 | 72.4177431 Winding down 1642 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:02 | 72.4180556 Deploying | 2 | 7245 | 4.1 | 2.77 | 4.11 | 8.02 | 2020 | 1483 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:02 | 72.4184028 Deploying | 2 | 7275 | 4.11 | 2.77 | 4.13 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:03 | 72.4187500 Deploying | 2 | 7305 | 4.1 | 2.77 | 4.15 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:03 | 72.4190856 Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:03 | 72.4190972 Deploying | 2 | 7335 | 4.1 | 2.83 | 4.16 | 7.98 | 2022 | 1498 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 10:04 | 72.4194444 Deploying | 2 | 7365 | 4.18 | 2.83 | 4.18 | 8 | 2022 | 3 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:04 | 72.4197917 Deploying | 2 | 7395 | 4.18 | 2.83 | 4.2 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:05 | 72.4201389 Deploying | 2 | 7425 | 4.18 | 2.83 | 4.22 | 8 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 10:05 | 72.4204861 Deploying | 2 | 7455 | 4.18 | 2.83 | 4.23 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:05 | 72.4206944 Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:06 | 72.4208333 Deploying | 2 | 7485 | 4.2 | 2.89 | 4.25 | 7.98 | 2042 | 1503 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:06 | 72.4211806 Deploying | 2 | 7515 | 4.24 | 2.89 | 4.27 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:07 | 72.4215278 Deploying | 2 | 7545 | 4.25 | 2.89 | 4.28 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:07 | 72.4218750 Deploying | 2 | 7575 | 4.25 | 2.89 | 4.3 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:07 | 72.4220602 Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:08 | 72.4222222 Deploying | 2 | 7605 | 4.28 | 2.95 | 4.32 | 8 | 2049 | 1494 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:08 | 72.4225694 Deploying | 2 | 7635 | 4.32 | 2.95 | 4.33 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:09 | 72.4229167 Deploying | 2 | 7665 | 4.32 | 2.95 | 4.35 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:09 | 72.4232639 Deploying | 2 | 7695 | 4.32 | 2.95 | 4.37 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:09 | 72.4235532 Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:10 | 72.4236111 Deploying | 2 | 7725 | 4.33 | 3.01 | 4.39 | 8 | 2133 | 1505 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 10:10 | 72.4239583 Deploying | 2 | 7755 | 4.4 | 3.01 | 4.4 | 8.02 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:11 | 72.4243056 Deploying | 2 | 7785 | 4.38 | 3.01 | 4.42 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:11 | 72.4246528 Deploying | 2 | 7815 | 4.39 | 3.01 | 4.44 | 7.98 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 10:12 | 72.4250000 Deploying | 2 | 7845 | 4.39 | 3.01 | 4.45 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:12 | 72.4250694 Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:12 | 72.4253472 Deploying | 2 | 7875 | 4.44 | 3.07 | 4.47 | 7.97 | 1987 | 1510 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 10:13 | 72.4256944 Deploying | 2 | 7905 | 4.46 | 3.07 | 4.49 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:13 | 72.4260417 Deploying | 2 | 7935 | 4.46 | 3.07 | 4.5 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |

| Date/Time | Value | Status | | col1 | col2 | col3 | col4 | col5 | col6 | col7 | col8 | col9 | col10 | col11 | col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 10:13 | 72.4263542 | Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:14 | 72.4263889 | Deploying | 2 | 7965 | 4.46 | 3.13 | 4.52 | 8 | 2209 | 1517 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:14 | 72.4267361 | Deploying | 2 | 7995 | 4.54 | 3.13 | 4.54 | 8 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:15 | 72.4270833 | Deploying | 2 | 8025 | 4.53 | 3.13 | 4.56 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:15 | 72.4274306 | Deploying | 2 | 8055 | 4.53 | 3.13 | 4.57 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:16 | 72.4277778 | Deploying | 2 | 8085 | 4.53 | 3.13 | 4.59 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:16 | 72.4278472 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:16 | 72.4281250 | Deploying | 2 | 8115 | 4.58 | 3.19 | 4.61 | 7.98 | 2044 | 1478 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:17 | 72.4284722 | Deploying | 2 | 8145 | 4.6 | 3.19 | 4.62 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:17 | 72.4288194 | Deploying | 2 | 8175 | 4.6 | 3.19 | 4.64 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:18 | 72.4291667 | Deploying | 2 | 8205 | 4.6 | 3.19 | 4.66 | 7.97 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 10:18 | 72.4292130 | Winding down 1681 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:18 | 72.4295139 | Deploying | 2 | 8235 | 4.66 | 3.26 | 4.67 | 7.98 | 2005 | 1510 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:19 | 72.4298611 | Deploying | 2 | 8265 | 4.67 | 3.26 | 4.69 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:19 | 72.4302083 | Deploying | 2 | 8295 | 4.67 | 3.26 | 4.71 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:20 | 72.4305556 | Deploying | 2 | 8325 | 4.67 | 3.26 | 4.73 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:20 | 72.4307523 | Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:20 | 72.4309028 | Deploying | 2 | 8355 | 4.7 | 3.31 | 4.74 | 7.98 | 2067 | 1506 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:21 | 72.4312500 | Deploying | 2 | 8385 | 4.73 | 3.31 | 4.76 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:21 | 72.4315972 | Deploying | 2 | 8415 | 4.74 | 3.31 | 4.78 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:22 | 72.4319444 | Deploying | 2 | 8445 | 4.73 | 3.31 | 4.79 | 8 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 10:22 | 72.4320370 | Winding down 1563 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:22 | 72.4322917 | Deploying | 2 | 8475 | 4.79 | 3.37 | 4.81 | 7.98 | 2022 | 1511 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:23 | 72.4326389 | Deploying | 2 | 8505 | 4.81 | 3.37 | 4.83 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:23 | 72.4329861 | Deploying | 2 | 8535 | 4.8 | 3.37 | 4.84 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:24 | 72.4333333 | Deploying | 2 | 8565 | 4.82 | 3.37 | 4.86 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:24 | 72.4336343 | Winding down 1743 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:24 | 72.4336806 | Deploying | 2 | 8595 | 4.81 | 3.44 | 4.88 | 7.98 | 1995 | 1487 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 10:25 | 72.4340278 | Deploying | 2 | 8625 | 4.88 | 3.44 | 4.9 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:25 | 72.4343750 | Deploying | 2 | 8655 | 4.88 | 3.44 | 4.91 | 8 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 10:26 | 72.4347222 | Deploying | 2 | 8685 | 4.88 | 3.44 | 4.93 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:26 | 72.4349653 | Winding down 1597 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:26 | 72.4350694 | Deploying | 2 | 8715 | 4.9 | 3.5 | 4.95 | 7.95 | 2131 | 1503 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 10:27 | 72.4354167 | Deploying | 2 | 8745 | 4.95 | 3.5 | 4.96 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:27 | 72.4357639 | Deploying | 2 | 8775 | 4.96 | 3.5 | 4.98 | 7.95 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:28 | 72.4361111 | Deploying | 2 | 8805 | 4.96 | 3.5 | 5 | 7.98 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 10:28 | 72.4364583 | Deploying | 2 | 8835 | 4.96 | 3.5 | 5.01 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:28 | 72.4365972 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:29 | 72.4368056 | Deploying | 2 | 8865 | 5 | 3.56 | 5.03 | 7.98 | 2041 | 1504 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:29 | 72.4371528 | Deploying | 2 | 8895 | 5.02 | 3.56 | 5.05 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:30 | 72.4375000 | Deploying | 2 | 8925 | 5.03 | 3.56 | 5.07 | 7.95 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:30 | 72.4378472 | Deploying | 2 | 8955 | 5.02 | 3.56 | 5.08 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:30 | 72.4379514 | Winding down 1777 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:31 | 72.4381944 | Deploying | 2 | 8985 | 5.08 | 3.62 | 5.1 | 7.97 | 2060 | 1512 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:31 | 72.4385417 | Deploying | 2 | 9015 | 5.1 | 3.62 | 5.12 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:32 | 72.4388889 | Deploying | 2 | 9045 | 5.11 | 3.62 | 5.13 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:32 | 72.4392361 | Deploying | 2 | 9075 | 5.1 | 3.62 | 5.15 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:32 | 72.4395718 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:33 | 72.4395833 | Deploying | 2 | 9105 | 5.1 | 3.69 | 5.17 | 7.97 | 2147 | 1521 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 10:33 | 72.4399306 | Deploying | 2 | 9135 | 5.17 | 3.69 | 5.18 | 7.97 | 2147 | 9 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:34 | 72.4402778 | Deploying | 2 | 9165 | 5.18 | 3.69 | 5.2 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:34 | 72.4406250 | Deploying | 2 | 9195 | 5.18 | 3.69 | 5.22 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:35 | 72.4409722 | Deploying | 2 | 9225 | 5.17 | 3.69 | 5.24 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 10:35 | 72.4409838 Winding down 1664 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:35 | 72.4413194 Deploying | 2 | 9255 | 5.26 | 3.75 | 5.25 | 7.97 | 2071 | 1516 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 10:36 | 72.4416667 Deploying | 2 | 9285 | 5.26 | 3.75 | 5.27 | 7.94 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:36 | 72.4420139 Deploying | 2 | 9315 | 5.25 | 3.75 | 5.29 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:37 | 72.4423611 Deploying | 2 | 9345 | 5.25 | 3.75 | 5.3 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:37 | 72.4426042 Winding down 1472 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:37 | 72.4427083 Deploying | 2 | 9375 | 5.28 | 3.81 | 5.32 | 7.97 | 2077 | 1525 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:38 | 72.4430556 Deploying | 2 | 9405 | 5.32 | 3.81 | 5.34 | 7.98 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 10:38 | 72.4434028 Deploying | 2 | 9435 | 5.32 | 3.81 | 5.35 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:39 | 72.4437500 Deploying | 2 | 9465 | 5.32 | 3.81 | 5.37 | 7.95 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:39 | 72.4439583 Winding down 1430 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:39 | 72.4440972 Deploying | 2 | 9495 | 5.35 | 3.86 | 5.39 | 8 | 2064 | 1509 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:40 | 72.4444444 Deploying | 2 | 9525 | 5.39 | 3.86 | 5.41 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:40 | 72.4447917 Deploying | 2 | 9555 | 5.38 | 3.86 | 5.42 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:40 | 72.4451273 Winding down 1460 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:41 | 72.4451389 Deploying | 2 | 9585 | 5.38 | 3.92 | 5.44 | 7.95 | 2101 | 1519 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:41 | 72.4454861 Deploying | 2 | 9615 | 5.45 | 3.92 | 5.46 | 7.98 | 2101 | 4 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:42 | 72.4458333 Deploying | 2 | 9645 | 5.45 | 3.92 | 5.47 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:42 | 72.4461806 Deploying | 2 | 9675 | 5.45 | 3.92 | 5.49 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:43 | 72.4465278 Deploying | 2 | 9705 | 5.46 | 3.92 | 5.51 | 7.98 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 10:43 | 72.4468056 Winding down 1740 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:43 | 72.4468750 Deploying | 2 | 9735 | 5.46 | 3.98 | 5.52 | 7.97 | 2024 | 1499 | 0 | -4 | -1 | -2 | -1 |
| 3/12/2016 10:44 | 72.4472222 Deploying | 2 | 9765 | 5.53 | 3.98 | 5.54 | 7.98 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 10:44 | 72.4475694 Deploying | 2 | 9795 | 5.53 | 3.98 | 5.56 | 7.97 | 0 | 0 | 0 | -2 | -4 | -3 | -4 |
| 3/12/2016 10:45 | 72.4479167 Deploying | 2 | 9825 | 5.52 | 3.98 | 5.58 | 7.94 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:45 | 72.4481597 Winding down 1497 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:45 | 72.4482639 Deploying | 2 | 9855 | 5.55 | 4.04 | 5.59 | 7.97 | 1951 | 1479 | 0 | -2 | -4 | -3 | -4 |
| 3/12/2016 10:46 | 72.4486111 Deploying | 2 | 9885 | 5.59 | 4.04 | 5.61 | 7.97 | 0 | 0 | 0 | -2 | -4 | -3 | -4 |
| 3/12/2016 10:46 | 72.4489583 Deploying | 2 | 9915 | 5.6 | 4.04 | 5.63 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:47 | 72.4493056 Deploying | 2 | 9945 | 5.59 | 4.04 | 5.64 | 7.97 | 0 | 0 | 0 | -2 | -4 | -3 | -4 |
| 3/12/2016 10:47 | 72.4496528 Deploying | 2 | 9975 | 5.6 | 4.04 | 5.66 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:47 | 72.4497338 Winding down 1774 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:48 | 72.4500000 Deploying | 2 | 10005 | 5.65 | 4.11 | 5.68 | 7.95 | 1977 | 1469 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 10:48 | 72.4503472 Deploying | 2 | 10035 | 5.67 | 4.11 | 5.69 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:49 | 72.4506944 Deploying | 2 | 10065 | 5.67 | 4.11 | 5.71 | 7.97 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 3/12/2016 10:49 | 72.4509722 Winding down 1390 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:49 | 72.4510417 Deploying | 2 | 10095 | 5.68 | 4.16 | 5.73 | 7.98 | 2115 | 1496 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:50 | 72.4513889 Deploying | 2 | 10125 | 5.73 | 4.16 | 5.75 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:50 | 72.4517361 Deploying | 2 | 10155 | 5.73 | 4.16 | 5.76 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:51 | 72.4520833 Deploying | 2 | 10185 | 5.73 | 4.16 | 5.78 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:51 | 72.4523495 Winding down 1550 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:51 | 72.4524306 Deploying | 2 | 10215 | 5.74 | 4.22 | 5.8 | 7.98 | 1994 | 1497 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 10:52 | 72.4527778 Deploying | 2 | 10245 | 5.79 | 4.22 | 5.81 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:52 | 72.4531250 Deploying | 2 | 10275 | 5.79 | 4.22 | 5.83 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:53 | 72.4534722 Deploying | 2 | 10305 | 5.8 | 4.22 | 5.85 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:53 | 72.4537269 Winding down 1586 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:53 | 72.4538194 Deploying | 2 | 10335 | 5.82 | 4.28 | 5.86 | 7.95 | 2011 | 1490 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 10:54 | 72.4541667 Deploying | 2 | 10365 | 5.86 | 4.28 | 5.88 | 7.97 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 10:54 | 72.4545139 Deploying | 2 | 10395 | 5.87 | 4.28 | 5.9 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:55 | 72.4548611 Deploying | 2 | 10425 | 5.87 | 4.28 | 5.92 | 7.97 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 10:55 | 72.4551852 Winding down 1646 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:55 | 72.4552083 Deploying | 2 | 10455 | 5.87 | 4.34 | 5.93 | 7.94 | 2060 | 1496 | 0 | -2 | -4 | -3 | -4 |
| 3/12/2016 10:56 | 72.4555556 Deploying | 2 | 10485 | 5.94 | 4.34 | 5.95 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 10:56 | 72.4559028 Deploying | 2 | 10515 | 5.94 | 4.34 | 5.97 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:57 | 72.4562500 Deploying | 2 | 10545 | 5.94 | 4.34 | 5.98 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:57 | 72.4565972 Deploying | 2 | 10575 | 5.94 | 4.34 | 6 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:58 | 72.4566898 Winding down 1713 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:58 | 72.4569444 Deploying | 2 | 10605 | 5.98 | 4.41 | 6.02 | 7.98 | 2005 | 1467 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:58 | 72.4572917 Deploying | 2 | 10635 | 6 | 4.41 | 6.03 | 7.94 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 10:59 | 72.4576389 Deploying | 2 | 10665 | 6 | 4.41 | 6.05 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 10:59 | 72.4578472 Winding down 1505 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:59 | 72.4579861 Deploying | 2 | 10695 | 6.04 | 4.46 | 6.07 | 7.95 | 2033 | 1497 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:00 | 72.4583333 Deploying | 2 | 10725 | 6.09 | 4.46 | 6.09 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 11:00 | 72.4586806 Deploying | 2 | 10755 | 6.09 | 4.46 | 6.1 | 7.95 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:01 | 72.4590278 Deploying | 2 | 10785 | 6.09 | 4.46 | 6.12 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:01 | 72.4593750 Deploying | 2 | 10815 | 6.09 | 4.46 | 6.14 | 8 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:01 | 72.4596644 Winding down 1504 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:02 | 72.4597222 Deploying | 2 | 10845 | 6.1 | 4.52 | 6.15 | 7.97 | 2044 | 1508 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:02 | 72.4600694 Deploying | 2 | 10875 | 6.14 | 4.52 | 6.17 | 7.94 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 11:03 | 72.4604167 Deploying | 2 | 10905 | 6.14 | 4.52 | 6.19 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:03 | 72.4606481 Winding down 1508 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:03 | 72.4607639 Deploying | 2 | 10935 | 6.16 | 4.58 | 6.2 | 7.94 | 2058 | 1511 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:04 | 72.4611111 Deploying | 2 | 10965 | 6.2 | 4.58 | 6.22 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 11:04 | 72.4614583 Deploying | 2 | 10995 | 6.21 | 4.58 | 6.24 | 7.95 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 3/12/2016 11:05 | 72.4618056 Deploying | 2 | 11025 | 6.2 | 4.58 | 6.26 | 7.95 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:05 | 72.4620718 Winding down 1775 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:05 | 72.4621528 Deploying | 2 | 11055 | 6.22 | 4.65 | 6.27 | 7.97 | 2071 | 1499 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:06 | 72.4625000 Deploying | 2 | 11085 | 6.28 | 4.65 | 6.29 | 7.94 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 11:06 | 72.4628472 Deploying | 2 | 11115 | 6.29 | 4.65 | 6.31 | 7.95 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 11:07 | 72.4631944 Deploying | 2 | 11145 | 6.28 | 4.65 | 6.32 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:07 | 72.4635301 Winding down 1610 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:07 | 72.4635417 Deploying | 2 | 11175 | 6.28 | 4.71 | 6.34 | 7.95 | 2211 | 1511 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 11:08 | 72.4638889 Deploying | 2 | 11205 | 6.36 | 4.71 | 6.36 | 7.97 | 2211 | 6 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 11:08 | 72.4642361 Deploying | 2 | 11235 | 6.36 | 4.71 | 6.37 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:09 | 72.4645833 Deploying | 2 | 11265 | 6.35 | 4.71 | 6.39 | 7.98 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:09 | 72.4649306 Deploying | 2 | 11295 | 6.35 | 4.71 | 6.41 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 11:09 | 72.4649769 Winding down 1506 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:10 | 72.4652778 Deploying | 2 | 11325 | 6.41 | 4.76 | 6.43 | 7.94 | 2198 | 1525 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:10 | 72.4656250 Deploying | 2 | 11355 | 6.43 | 4.76 | 6.44 | 7.98 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 11:11 | 72.4659722 Deploying | 2 | 11385 | 6.42 | 4.76 | 6.46 | 7.95 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:11 | 72.4663194 Deploying | 2 | 11415 | 6.42 | 4.76 | 6.48 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:11 | 72.4664236 Winding down 1477 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:12 | 72.4666667 Deploying | 2 | 11445 | 6.47 | 4.82 | 6.49 | 7.98 | 2067 | 1516 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:12 | 72.4670139 Deploying | 2 | 11475 | 6.49 | 4.82 | 6.51 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:13 | 72.4673611 Deploying | 2 | 11505 | 6.49 | 4.82 | 6.53 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 11:13 | 72.4677083 Deploying | 2 | 11535 | 6.49 | 4.82 | 6.54 | 7.98 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 11:13 | 72.4679051 Winding down 1690 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:14 | 72.4680556 Deploying | 2 | 11565 | 6.52 | 4.88 | 6.56 | 8 | 2137 | 1524 | 0 | -2 | -4 | -3 | -4 |
| 3/12/2016 11:14 | 72.4684028 Deploying | 2 | 11595 | 6.57 | 4.88 | 6.58 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:15 | 72.4687500 Deploying | 2 | 11625 | 6.57 | 4.88 | 6.6 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:15 | 72.4690972 Deploying | 2 | 11655 | 6.57 | 4.88 | 6.61 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 11:15 | 72.4694213 Winding down 1496 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:16 | 72.4694444 Deploying | 2 | 11685 | 6.57 | 4.94 | 6.63 | 7.89 | 2048 | 1525 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:16 | 72.4697917 Deploying | 2 | 11715 | 6.63 | 4.94 | 6.65 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:17 | 72.4701389 Deploying | 2 | 11745 | 6.63 | 4.94 | 6.66 | 7.97 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 3/12/2016 11:17 | 72.4704861 Deploying | 2 | 11775 | 6.63 | 4.94 | 6.68 | 7.95 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |

| Date | Time | Event | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 11:17 | 72.4707292 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:18 | 72.4708333 | Deploying | 2 | 11805 | 6.65 | 5 | 6.7 | 7.97 | 2229 | 1522 | 0 | -4 | -3 | -2 | -3 |
| 3/12/2016 11:18 | 72.4711806 | Deploying | 2 | 11835 | 6.7 | 5 | 6.71 | 7.98 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 3/12/2016 11:19 | 72.4715278 | Deploying | 2 | 11865 | 6.71 | 5 | 6.73 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 11:19 | 72.4718750 | Deploying | 2 | 11895 | 6.7 | 5 | 6.75 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 11:19 | 72.4721991 | Winding down 1621 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:20 | 72.4722222 | Deploying | 2 | 11925 | 6.7 | 5.07 | 6.77 | 7.89 | 2168 | 1531 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 11:20 | 72.4725694 | Deploying | 2 | 11955 | 6.77 | 5.07 | 6.78 | 7.97 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 3/12/2016 11:21 | 72.4729167 | Deploying | 2 | 11985 | 6.77 | 5.07 | 6.8 | 7.95 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 11:21 | 72.4732639 | Deploying | 2 | 12015 | 6.78 | 5.07 | 6.82 | 7.97 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 3/12/2016 11:22 | 72.4736111 | Deploying | 2 | 12045 | 6.78 | 5.07 | 6.83 | 7.95 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 3/12/2016 11:22 | 72.4737963 | Winding down 1851 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:22 | 72.4739583 | Deploying | 2 | 12075 | 6.81 | 5.14 | 6.85 | 7.95 | 2147 | 1532 | 1 | 10 | 11 | 15 | 11 |
| 3/12/2016 11:22 | 72.4742245 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/12/2016 11:22 | 72.4742245 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/12/2016 11:22 | 72.4742593 | Winding up 1800 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:22 | 72.4742824 | Winding up 3025 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:23 | 72.4743056 | Rewinding | 5 | 12098 | 6.84 | 4.95 | 6.7 | 7.7 | 1153 | 862 | | | | | |
| 3/12/2016 11:23 | 72.4743287 | Winding up 5200 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:23 | 72.4743981 | Winding up 7800 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:23 | 72.4744907 | Winding up 9750 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:23 | 72.4746065 | Winding up 9600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:23 | 72.4746528 | Rewinding | 5 | 12098 | 6.28 | 3.72 | 5.95 | 7.73 | 1153 | 267 | | | | | |
| 3/12/2016 11:23 | 72.4747222 | Winding up 7975 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:23 | 72.4748264 | Winding up 6075 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:23 | 72.4749074 | Winding up 4600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:23 | 72.4749653 | Winding up 3750 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4750000 | Rewinding | 5 | 12098 | 5.3 | 2.87 | 5.2 | 7.73 | 1151 | 855 | | | | | |
| 3/12/2016 11:24 | 72.4750116 | Winding up 3025 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4750579 | Winding up 2300 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4750926 | Winding up 1850 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4751157 | Winding up 1650 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4751389 | Winding up 1375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4752662 | Winding up 1275 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4752894 | Winding up 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4753125 | Winding up 1800 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4753356 | Winding up 2075 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4753472 | Rewinding | 5 | 12098 | 4.51 | 2.23 | 4.45 | 7.9 | 1158 | 872 | | | | | |
| 3/12/2016 11:24 | 72.4753704 | Winding up 2525 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4754051 | Winding up 3000 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4754514 | Winding up 3500 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4754977 | Winding up 4225 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4755556 | Winding up 4700 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4756134 | Winding up 4475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:24 | 72.4756713 | Winding up 3900 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:25 | 72.4756944 | Rewinding | 5 | 12098 | 3.82 | 1.24 | 3.7 | 7.65 | 1154 | 863 | | | | | |
| 3/12/2016 11:25 | 72.4757176 | Winding up 3350 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:25 | 72.4757639 | Winding up 2800 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:25 | 72.4757986 | Winding up 2375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:25 | 72.4758333 | Winding up 1825 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:25 | 72.4758565 | Winding up 1450 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:25 | 72.4760185 | Winding up 1350 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:25 | 72.4760417 | Rewinding | 5 | 12098 | 2.99 | 0.74 | 2.95 | 7.63 | 1157 | 862 | | | | | |

| Date/Time | Value | Event | Col | N | A | B | C | D | E | F |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 11:25 | 72.4760417 | Winding up 1700 ticks | 3 | | | | | | | |
| 3/12/2016 11:25 | 72.4760648 | Winding up 2050 ticks | 3 | | | | | | | |
| 3/12/2016 11:25 | 72.4760995 | Winding up 2625 ticks | 3 | | | | | | | |
| 3/12/2016 11:25 | 72.4761343 | Winding up 3200 ticks | 3 | | | | | | | |
| 3/12/2016 11:25 | 72.4761806 | Winding up 4075 ticks | 3 | | | | | | | |
| 3/12/2016 11:25 | 72.4762384 | Winding up 5075 ticks | 3 | | | | | | | |
| 3/12/2016 11:25 | 72.4763079 | Winding up 5700 ticks | 3 | | | | | | | |
| 3/12/2016 11:25 | 72.4763773 | Winding up 5450 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4763889 | Rewinding | 5 | 12098 | 2.39 | -0.39 | 2.2 | 7.89 | 1155 | 882 |
| 3/12/2016 11:26 | 72.4764468 | Winding up 4800 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4765046 | Winding up 4075 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4765625 | Winding up 3150 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4766088 | Winding up 2500 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4766435 | Winding up 2050 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4766782 | Winding up 1575 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4767361 | Rewinding | 5 | 12098 | 1.47 | -1.07 | 1.45 | 7.87 | 1155 | 204 |
| 3/12/2016 11:26 | 72.4768056 | Winding up 1275 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4768287 | Winding up 1500 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4768519 | Winding up 1775 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4768750 | Winding up 2075 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4769097 | Winding up 2525 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4769444 | Winding up 3200 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4769907 | Winding up 4425 ticks | 3 | | | | | | | |
| 3/12/2016 11:26 | 72.4770486 | Winding up 6425 ticks | 3 | | | | | | | |
| 3/12/2016 11:27 | 72.4770833 | Rewinding | 5 | 12098 | 0.98 | -1.94 | 0.7 | 6.84 | 1171 | 1165 |
| 3/12/2016 11:27 | 72.4771296 | Winding up 9475 ticks | 3 | | | | | | | |
| 3/12/2016 11:27 | 72.4772454 | Winding up 14800 ticks | 3 | | | | | | | |
| 3/12/2016 11:27 | 72.4774190 | Winding up 24275 ticks | 3 | | | | | | | |
| 3/12/2016 11:27 | 72.4774306 | Rewinding | 5 | 12098 | 0.92 | -3.76 | -0.05 | 7.75 | 1122 | 1100 |
| 3/12/2016 11:27 | 72.4777083 | Winding up 39900 ticks | 3 | | | | | | | |
| 3/12/2016 11:28 | 72.4777778 | Rewinding | 5 | 12098 | 0.93 | -5.25 | -0.8 | 6.83 | 1002 | 1000 |
| 3/12/2016 11:28 | 72.4781250 | Rewinding | 5 | 12098 | 0.92 | -5.25 | -1.55 | 6.89 | 974 | 962 |
| 3/12/2016 11:28 | 72.4781713 | Winding up 64875 ticks | 3 | | | | | | | |
| 3/12/2016 11:29 | 72.4784722 | Rewinding | 5 | 12098 | 0.92 | -7.66 | -2.3 | 6.92 | 1003 | 979 |
| 3/12/2016 11:29 | 72.4788194 | Rewinding | 5 | 12098 | 0.92 | -7.66 | -3.05 | 6.89 | 1003 | 900 |
| 3/12/2016 11:29 | 72.4789236 | Winding up 105500 ticks | 3 | | | | | | | |
| 3/12/2016 11:30 | 72.4791667 | Rewinding | 5 | 12098 | 0.92 | -11.55 | -3.8 | 6.87 | 1003 | 886 |
| 3/12/2016 11:30 | 72.4795139 | Rewinding | 5 | 12098 | 0.91 | -11.55 | -4.55 | 6.89 | 973 | 882 |
| 3/12/2016 11:31 | 72.4798611 | Rewinding | 5 | 12098 | 0.91 | -11.55 | -5.3 | 6.89 | 973 | 871 |
| 3/12/2016 11:31 | 72.4801505 | Winding up 171400 ticks | 3 | | | | | | | |
| 3/12/2016 11:31 | 72.4802083 | Rewinding | 5 | 12098 | 0.91 | -17.8 | -6.05 | 6.84 | 973 | 861 |
| 3/12/2016 11:32 | 72.4805556 | Rewinding | 5 | 12098 | 0.91 | -17.8 | -6.8 | 6.87 | 856 | 854 |
| 3/12/2016 11:32 | 72.4809028 | Rewinding | 5 | 12098 | 0.91 | -17.8 | -7.55 | 6.89 | 856 | 846 |
| 3/12/2016 11:33 | 72.4812500 | Rewinding | 5 | 12098 | 0.91 | -17.8 | -8.3 | 6.9 | 856 | 841 |
| 3/12/2016 11:33 | 72.4815972 | Rewinding | 5 | 12098 | 0.91 | -17.8 | -9.05 | 6.92 | 856 | 834 |
| 3/12/2016 11:34 | 72.4819444 | Rewinding | 5 | 12098 | 0.91 | -17.8 | -9.8 | 6.89 | 856 | 828 |
| 3/12/2016 11:34 | 72.4821412 | Winding up 278900 ticks | 3 | | | | | | | |
| 3/12/2016 11:34 | 72.4822917 | Rewinding | 5 | 12098 | 0.91 | -27.77 | -10.55 | 6.92 | 856 | 825 |
| 3/12/2016 11:35 | 72.4826389 | Rewinding | 5 | 12098 | 0.91 | -27.77 | -11.3 | 6.9 | 818 | 817 |
| 3/12/2016 11:35 | 72.4829861 | Rewinding | 5 | 12098 | 0.9 | -27.77 | -12.05 | 6.9 | 818 | 816 |
| 3/12/2016 11:36 | 72.4833333 | Rewinding | 5 | 12098 | 0.91 | -27.77 | -12.8 | 6.94 | 818 | 814 |
| 3/12/2016 11:36 | 72.4836806 | Rewinding | 5 | 12098 | 0.91 | -27.77 | -13.55 | 6.9 | 818 | 812 |
| 3/12/2016 11:37 | 72.4840278 | Rewinding | 5 | 12098 | 0.91 | -27.77 | -14.3 | 6.89 | 818 | 810 |

| 3/12/2016 11:37 | 72.4843750 Rewinding | 5 | 12098 | 0.9 | -27.77 | -15.05 | 6.9 | 818 | 806 |
|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 11:38 | 72.4847222 Rewinding | 5 | 12098 | 0.9 | -27.77 | -15.8 | 6.95 | 818 | 802 |
| 3/12/2016 11:38 | 72.4850694 Rewinding | 5 | 12098 | 0.9 | -27.77 | -16.55 | 6.95 | 818 | 797 |
| 3/12/2016 11:38 | 72.4853704 Winding up 453300 ticks | 3 | | | | | | | |
| 3/12/2016 11:39 | 72.4854167 Rewinding | 5 | 12098 | 0.91 | -43.45 | -17.3 | 6.95 | 818 | 795 |
| 3/12/2016 11:39 | 72.4857639 Rewinding | 5 | 12098 | 0.89 | -43.45 | -18.05 | 6.95 | 788 | 787 |
| 3/12/2016 11:40 | 72.4861111 Rewinding | 5 | 12098 | 0.9 | -43.45 | -18.8 | 6.97 | 788 | 786 |
| 3/12/2016 11:40 | 72.4864583 Rewinding | 5 | 12098 | 0.9 | -43.45 | -19.55 | 6.95 | 789 | 788 |
| 3/12/2016 11:41 | 72.4868056 Rewinding | 5 | 12098 | 0.9 | -43.45 | -20.3 | 6.98 | 789 | 785 |
| 3/12/2016 11:41 | 72.4871528 Rewinding | 5 | 12098 | 0.86 | -43.45 | -21.05 | 6.95 | 789 | 781 |
| 3/12/2016 11:41 | 72.4873148 Winding up 547175 ticks | 3 | | | | | | | |
| 3/12/2016 11:42 | 72.4875000 Rewinding | 5 | 12098 | -0.05 | -52.19 | -21.8 | 6.95 | 877 | 873 |
| 3/12/2016 11:42 | 72.4878472 Rewinding | 5 | 12098 | -0.14 | -52.19 | -22.55 | 6.95 | 877 | 780 |
| 3/12/2016 11:43 | 72.4881944 Rewinding | 5 | 12098 | -0.12 | -52.19 | -23.3 | 6.98 | 877 | 777 |
| 3/12/2016 11:43 | 72.4885417 Rewinding | 5 | 12098 | -0.14 | -52.19 | -24.05 | 6.98 | 877 | 775 |
| 3/12/2016 11:44 | 72.4888889 Rewinding | 5 | 12098 | -0.13 | -52.19 | -24.8 | 7.02 | 877 | 769 |
| 3/12/2016 11:44 | 72.4892361 Rewinding | 5 | 12098 | -0.13 | -52.19 | -25.55 | 7.02 | 877 | 765 |
| 3/12/2016 11:45 | 72.4895833 Rewinding | 5 | 12098 | -0.14 | -52.19 | -26.3 | 7.03 | 877 | 760 |
| 3/12/2016 11:45 | 72.4899306 Rewinding | 5 | 12098 | -0.13 | -52.19 | -27.05 | 7.02 | 877 | 753 |
| 3/12/2016 11:46 | 72.4902778 Rewinding | 5 | 12098 | -0.13 | -52.19 | -27.8 | 7.03 | 877 | 738 |
| 3/12/2016 11:46 | 72.4906250 Rewinding | 5 | 12098 | -0.13 | -52.19 | -28.55 | 7.02 | 877 | 746 |
| 3/12/2016 11:47 | 72.4909722 Rewinding | 5 | 12098 | -0.13 | -52.19 | -29.3 | 7 | 877 | 753 |
| 3/12/2016 11:47 | 72.4913194 Rewinding | 5 | 12098 | -0.14 | -52.19 | -30.05 | 7.03 | 877 | 744 |
| 3/12/2016 11:48 | 72.4916667 Rewinding | 5 | 12098 | -0.13 | -52.19 | -30.8 | 7.03 | 877 | 742 |
| 3/12/2016 11:48 | 72.4920139 Rewinding | 5 | 12098 | -0.13 | -52.19 | -31.55 | 7.03 | 877 | 741 |
| 3/12/2016 11:49 | 72.4923611 Rewinding | 5 | 12098 | -0.14 | -52.19 | -32.3 | 7.02 | 877 | 743 |
| 3/12/2016 11:49 | 72.4927083 Rewinding | 5 | 12098 | -0.14 | -52.19 | -33.05 | 7.05 | 877 | 747 |
| 3/12/2016 11:50 | 72.4930556 Rewinding | 5 | 12098 | -0.14 | -52.19 | -33.8 | 7.03 | 877 | 742 |
| 3/12/2016 11:50 | 72.4934028 Rewinding | 5 | 12098 | -0.14 | -52.19 | -34.55 | 7.05 | 877 | 745 |
| 3/12/2016 11:50 | 72.4936574 Winding up 874650 ticks | 3 | | | | | | | |
| 3/12/2016 11:51 | 72.4937500 Rewinding | 5 | 12098 | -0.14 | -79.91 | -35.3 | 7.05 | 877 | 739 |
| 3/12/2016 11:51 | 72.4940972 Rewinding | 5 | 12098 | -0.14 | -79.91 | -36.05 | 7.03 | 753 | 750 |
| 3/12/2016 11:52 | 72.4944444 Rewinding | 5 | 12098 | -0.13 | -79.91 | -36.8 | 7.05 | 753 | 740 |
| 3/12/2016 11:52 | 72.4947917 Rewinding | 5 | 12098 | -0.14 | -79.91 | -37.55 | 7.08 | 753 | 734 |
| 3/12/2016 11:53 | 72.4951389 Rewinding | 5 | 12098 | -0.14 | -79.91 | -38.3 | 7.05 | 757 | 754 |
| 3/12/2016 11:53 | 72.4954861 Rewinding | 5 | 12098 | -0.14 | -79.91 | -39.05 | 7.08 | 757 | 751 |
| 3/12/2016 11:54 | 72.4958333 Rewinding | 5 | 12098 | -0.14 | -79.91 | -39.8 | 7.06 | 757 | 748 |
| 3/12/2016 11:54 | 72.4961806 Rewinding | 5 | 12098 | -0.13 | -79.91 | -40.55 | 7.06 | 757 | 744 |
| 3/12/2016 11:55 | 72.4965278 Rewinding | 5 | 12098 | -0.13 | -79.91 | -41.3 | 7.08 | 757 | 741 |
| 3/12/2016 11:55 | 72.4968750 Rewinding | 5 | 12098 | -0.14 | -79.91 | -42.05 | 7.1 | 757 | 739 |
| 3/12/2016 11:56 | 72.4972222 Rewinding | 5 | 12098 | -0.14 | -79.91 | -42.8 | 7.1 | 757 | 735 |
| 3/12/2016 11:56 | 72.4975694 Rewinding | 5 | 12098 | -0.14 | -79.91 | -43.55 | 7.06 | 757 | 731 |
| 3/12/2016 11:57 | 72.4979167 Rewinding | 5 | 12098 | -0.13 | -79.91 | -44.3 | 7.08 | 757 | 743 |
| 3/12/2016 11:57 | 72.4982639 Rewinding | 5 | 12098 | -0.13 | -79.91 | -45.05 | 7.1 | 757 | 743 |
| 3/12/2016 11:58 | 72.4986111 Rewinding | 5 | 12098 | -0.13 | -79.91 | -45.8 | 7.08 | 757 | 741 |
| 3/12/2016 11:58 | 72.4989583 Rewinding | 5 | 12098 | -0.13 | -79.91 | -46.55 | 7.1 | 757 | 741 |
| 3/12/2016 11:59 | 72.4993056 Rewinding | 5 | 12098 | -0.14 | -79.91 | -47.3 | 7.13 | 757 | 738 |
| 3/12/2016 11:59 | 72.4996528 Rewinding | 5 | 12098 | -0.14 | -79.91 | -48.05 | 7.1 | 757 | 739 |
| 3/12/2016 12:00 | 72.5000000 Rewinding | 5 | 12098 | -0.13 | -79.91 | -48.8 | 7.13 | 757 | 735 |
| 3/12/2016 12:00 | 72.5003472 Rewinding | 5 | 12098 | -0.14 | -79.91 | -49.55 | 7.08 | 757 | 732 |
| 3/12/2016 12:01 | 72.5006944 Rewinding | 5 | 12098 | -0.14 | -79.91 | -50.3 | 7.1 | 757 | 738 |
| 3/12/2016 12:01 | 72.5010417 Rewinding | 5 | 12098 | -0.13 | -79.91 | -51.05 | 7.1 | 757 | 736 |
| 3/12/2016 12:02 | 72.5013889 Rewinding | 5 | 12098 | -0.14 | -79.91 | -51.8 | 7.08 | 757 | 737 |

| 3/12/2016 12:02 | 72.5017361 Rewinding | 5 | 12098 | -0.13 | -79.91 | -52.55 | 7.08 | 757 | 738 |
|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 12:03 | 72.5020833 Rewinding | 5 | 12098 | -0.14 | -79.91 | -53.3 | 7.11 | 757 | 738 |
| 3/12/2016 12:03 | 72.5024306 Rewinding | 5 | 12098 | -0.15 | -79.91 | -54.05 | 7.13 | 757 | 737 |
| 3/12/2016 12:04 | 72.5027778 Rewinding | 5 | 12098 | -0.14 | -79.91 | -54.8 | 7.1 | 757 | 724 |
| 3/12/2016 12:04 | 72.5031250 Rewinding | 5 | 12098 | -0.15 | -79.91 | -55.55 | 7.11 | 757 | 730 |
| 3/12/2016 12:05 | 72.5034722 Rewinding | 5 | 12098 | -0.16 | -79.91 | -56.3 | 7.13 | 757 | 718 |
| 3/12/2016 12:05 | 72.5037847 Winding up 1421300 ticks | 3 | | | | | | | |
| 3/12/2016 12:05 | 72.5038194 Rewinding | 5 | 12098 | -0.15 | -119.83 | -57.05 | 7.06 | 757 | 718 |
| 3/12/2016 12:06 | 72.5041667 Rewinding | 5 | 12098 | -0.15 | -119.83 | -57.8 | 7.14 | 742 | 730 |
| 3/12/2016 12:06 | 72.5045139 Rewinding | 5 | 12098 | -0.15 | -119.83 | -58.55 | 7.11 | 742 | 719 |

DPS1-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:00 | 72.8333333 | Deployment begins | | 1 | | | | | | | | | | | |
| 3/12/2016 20:00 | 72.8333333 | Waiting to start | | 5 | battery 7.90V | | | | | | | | | | |
| 3/12/2016 20:00 | 72.8336806 | Deploying | | 2 | 30 | 0.88 | 0 | 0.02 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:01 | 72.8340278 | Deploying | | 2 | 60 | 0.88 | 0 | 0.04 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:01 | 72.8343750 | Deploying | | 2 | 90 | 0.88 | 0 | 0.06 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:02 | 72.8347222 | Deploying | | 2 | 120 | 0.88 | 0 | 0.08 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:02 | 72.8350694 | Deploying | | 2 | 150 | 0.88 | 0 | 0.09 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:03 | 72.8354167 | Deploying | | 2 | 180 | 0.88 | 0 | 0.11 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:03 | 72.8357639 | Deploying | | 2 | 210 | 0.88 | 0 | 0.13 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:04 | 72.8361111 | Deploying | | 2 | 240 | 0.88 | 0 | 0.14 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:04 | 72.8364583 | Deploying | | 2 | 270 | 0.88 | 0 | 0.16 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:05 | 72.8368056 | Deploying | | 2 | 300 | 0.88 | 0 | 0.18 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:05 | 72.8371528 | Deploying | | 2 | 330 | 0.88 | 0 | 0.19 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:06 | 72.8375000 | Deploying | | 2 | 360 | 0.88 | 0 | 0.21 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:06 | 72.8378472 | Deploying | | 2 | 390 | 0.88 | 0 | 0.23 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:07 | 72.8381944 | Deploying | | 2 | 420 | 0.88 | 0 | 0.25 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:07 | 72.8385417 | Deploying | | 2 | 450 | 0.89 | 0 | 0.26 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:08 | 72.8388889 | Deploying | | 2 | 480 | 0.88 | 0 | 0.28 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:08 | 72.8392361 | Deploying | | 2 | 510 | 0.89 | 0 | 0.3 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:09 | 72.8395833 | Deploying | | 2 | 540 | 0.88 | 0 | 0.31 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:09 | 72.8399306 | Deploying | | 2 | 570 | 0.88 | 0 | 0.33 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:10 | 72.8402778 | Deploying | | 2 | 600 | 0.88 | 0 | 0.35 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:10 | 72.8406250 | Deploying | | 2 | 630 | 0.88 | 0 | 0.36 | 7.87 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:11 | 72.8409722 | Deploying | | 2 | 660 | 0.89 | 0 | 0.38 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:11 | 72.8413194 | Deploying | | 2 | 690 | 0.88 | 0 | 0.4 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:12 | 72.8416667 | Deploying | | 2 | 720 | 0.88 | 0 | 0.42 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:12 | 72.8420139 | Deploying | | 2 | 750 | 0.89 | 0 | 0.43 | 7.87 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:13 | 72.8423611 | Deploying | | 2 | 780 | 0.88 | 0 | 0.45 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:13 | 72.8427083 | Deploying | | 2 | 810 | 0.88 | 0 | 0.47 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:14 | 72.8430556 | Deploying | | 2 | 840 | 0.88 | 0 | 0.48 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:14 | 72.8434028 | Deploying | | 2 | 870 | 0.88 | 0 | 0.5 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:15 | 72.8437500 | Deploying | | 2 | 900 | 0.88 | 0 | 0.52 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:15 | 72.8440972 | Deploying | | 2 | 930 | 0.88 | 0 | 0.53 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:16 | 72.8444444 | Deploying | | 2 | 960 | 0.88 | 0 | 0.55 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:16 | 72.8447917 | Deploying | | 2 | 990 | 0.89 | 0 | 0.57 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:17 | 72.8451389 | Deploying | | 2 | 1020 | 0.89 | 0 | 0.59 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:17 | 72.8454861 | Deploying | | 2 | 1050 | 0.88 | 0 | 0.6 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:18 | 72.8458333 | Deploying | | 2 | 1080 | 0.88 | 0 | 0.62 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:18 | 72.8461806 | Deploying | | 2 | 1110 | 0.88 | 0 | 0.64 | 7.89 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:19 | 72.8465278 | Deploying | | 2 | 1140 | 0.88 | 0 | 0.65 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:19 | 72.8468750 | Deploying | | 2 | 1170 | 0.88 | 0 | 0.67 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:20 | 72.8472222 | Deploying | | 2 | 1200 | 0.89 | 0 | 0.69 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:20 | 72.8475694 | Deploying | | 2 | 1230 | 0.89 | 0 | 0.7 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:21 | 72.8479167 | Deploying | | 2 | 1260 | 0.88 | 0 | 0.72 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:21 | 72.8482639 | Deploying | | 2 | 1290 | 0.89 | 0 | 0.74 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:22 | 72.8486111 | Deploying | | 2 | 1320 | 0.88 | 0 | 0.76 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:22 | 72.8489583 | Deploying | | 2 | 1350 | 0.89 | 0 | 0.77 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:23 | 72.8493056 | Deploying | | 2 | 1380 | 0.89 | 0 | 0.79 | 7.89 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:23 | 72.8496528 | Deploying | | 2 | 1410 | 0.88 | 0 | 0.81 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:24 | 72.8500000 | Deploying | | 2 | 1440 | 0.89 | 0 | 0.82 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:24 | 72.8503472 | Deploying | | 2 | 1470 | 0.88 | 0 | 0.84 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:25 | 72.8506944 | Deploying | | 2 | 1500 | 0.88 | 0 | 0.86 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:25 | 72.8510417 | Deploying | | 2 | 1530 | 0.88 | 0 | 0.87 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

| Date/Time | Value | Status | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:26 | 72.8513889 | Deploying | 2 | 1560 | 0.89 | 0 | 0.89 | 7.89 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:26 | 72.8517361 | Deploying | 2 | 1590 | 0.88 | 0 | 0.91 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:27 | 72.8520833 | Deploying | 2 | 1620 | 0.89 | 0 | 0.93 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:27 | 72.8524306 | Deploying | 2 | 1650 | 0.88 | 0 | 0.94 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:27 | 72.8525579 | Winding down 1818 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:28 | 72.8527778 | Deploying | 2 | 1680 | 0.92 | 0.07 | 0.96 | 7.92 | 2016 | 1469 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:28 | 72.8531250 | Deploying | 2 | 1710 | 0.95 | 0.07 | 0.98 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:29 | 72.8534722 | Deploying | 2 | 1740 | 0.96 | 0.07 | 0.99 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:29 | 72.8538194 | Deploying | 2 | 1770 | 0.96 | 0.07 | 1.01 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:29 | 72.8540394 | Winding down 1706 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:30 | 72.8541667 | Deploying | 2 | 1800 | 0.98 | 0.13 | 1.03 | 7.9 | 1919 | 1454 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:30 | 72.8545139 | Deploying | 2 | 1830 | 1.04 | 0.13 | 1.04 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:31 | 72.8548611 | Deploying | 2 | 1860 | 1.03 | 0.13 | 1.06 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:31 | 72.8552083 | Deploying | 2 | 1890 | 1.03 | 0.13 | 1.08 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:31 | 72.8554398 | Winding down 1470 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:32 | 72.8555556 | Deploying | 2 | 1920 | 1.05 | 0.19 | 1.1 | 7.9 | 2023 | 1512 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:32 | 72.8559028 | Deploying | 2 | 1950 | 1.09 | 0.19 | 1.11 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:33 | 72.8562500 | Deploying | 2 | 1980 | 1.1 | 0.19 | 1.13 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:33 | 72.8565972 | Deploying | 2 | 2010 | 1.09 | 0.19 | 1.15 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:33 | 72.8568403 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:34 | 72.8569444 | Deploying | 2 | 2040 | 1.12 | 0.25 | 1.16 | 7.9 | 2040 | 1478 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:34 | 72.8572917 | Deploying | 2 | 2070 | 1.16 | 0.25 | 1.18 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:35 | 72.8576389 | Deploying | 2 | 2100 | 1.15 | 0.25 | 1.2 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:35 | 72.8579861 | Deploying | 2 | 2130 | 1.16 | 0.25 | 1.21 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:35 | 72.8581019 | Winding down 1404 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:36 | 72.8583333 | Deploying | 2 | 2160 | 1.2 | 0.3 | 1.23 | 7.9 | 2047 | 1485 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:36 | 72.8586806 | Deploying | 2 | 2190 | 1.23 | 0.3 | 1.25 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:37 | 72.8590278 | Deploying | 2 | 2220 | 1.23 | 0.3 | 1.27 | 7.89 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:37 | 72.8593750 | Deploying | 2 | 2250 | 1.23 | 0.3 | 1.28 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:37 | 72.8595023 | Winding down 1593 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:38 | 72.8597222 | Deploying | 2 | 2280 | 1.27 | 0.36 | 1.3 | 7.9 | 2043 | 1487 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:38 | 72.8600694 | Deploying | 2 | 2310 | 1.29 | 0.36 | 1.32 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:39 | 72.8604167 | Deploying | 2 | 2340 | 1.28 | 0.36 | 1.33 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:39 | 72.8606250 | Winding down 1392 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:39 | 72.8607639 | Deploying | 2 | 2370 | 1.31 | 0.41 | 1.35 | 7.92 | 2059 | 1481 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:40 | 72.8611111 | Deploying | 2 | 2400 | 1.35 | 0.41 | 1.37 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:40 | 72.8614583 | Deploying | 2 | 2430 | 1.35 | 0.41 | 1.38 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:41 | 72.8618056 | Deploying | 2 | 2460 | 1.35 | 0.41 | 1.4 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:41 | 72.8621065 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:41 | 72.8621528 | Deploying | 2 | 2490 | 1.36 | 0.48 | 1.42 | 7.86 | 1967 | 1491 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:42 | 72.8625000 | Deploying | 2 | 2520 | 1.42 | 0.48 | 1.44 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:42 | 72.8628472 | Deploying | 2 | 2550 | 1.42 | 0.48 | 1.45 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:43 | 72.8631944 | Deploying | 2 | 2580 | 1.41 | 0.48 | 1.47 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:43 | 72.8632639 | Winding down 1497 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:43 | 72.8635417 | Deploying | 2 | 2610 | 1.47 | 0.54 | 1.49 | 7.9 | 1989 | 1500 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:44 | 72.8638889 | Deploying | 2 | 2640 | 1.48 | 0.54 | 1.5 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:44 | 72.8642361 | Deploying | 2 | 2670 | 1.48 | 0.54 | 1.52 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:45 | 72.8645833 | Deploying | 2 | 2700 | 1.48 | 0.54 | 1.54 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:45 | 72.8648032 | Winding down 1731 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:45 | 72.8649306 | Deploying | 2 | 2730 | 1.51 | 0.6 | 1.55 | 7.87 | 1999 | 1500 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:46 | 72.8652778 | Deploying | 2 | 2760 | 1.55 | 0.6 | 1.57 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:46 | 72.8656250 | Deploying | 2 | 2790 | 1.55 | 0.6 | 1.59 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:47 | 72.8659722 | Deploying | 2 | 2820 | 1.55 | 0.6 | 1.61 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:47 | 72.8661227 | Winding down 1446 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:47 | 72.8663194 | Deploying | 2 | 2850 | 1.59 | 0.66 | 1.62 | 7.9 | 2098 | 1508 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:48 | 72.8666667 | Deploying | 2 | 2880 | 1.62 | 0.66 | 1.64 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:48 | 72.8670139 | Deploying | 2 | 2910 | 1.62 | 0.66 | 1.66 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:49 | 72.8673611 | Deploying | 2 | 2940 | 1.62 | 0.66 | 1.67 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:49 | 72.8675926 | Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:49 | 72.8677083 | Deploying | 2 | 2970 | 1.64 | 0.72 | 1.69 | 7.89 | 2021 | 1492 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:50 | 72.8680556 | Deploying | 2 | 3000 | 1.69 | 0.72 | 1.71 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:50 | 72.8684028 | Deploying | 2 | 3030 | 1.69 | 0.72 | 1.72 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:51 | 72.8687500 | Deploying | 2 | 3060 | 1.7 | 0.72 | 1.74 | 7.89 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:51 | 72.8690509 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8690972 | Deploying | 2 | 3090 | 1.7 | 0.78 | 1.76 | 7.9 | 2042 | 1517 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:52 | 72.8694444 | Deploying | 2 | 3120 | 1.75 | 0.78 | 1.78 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:52 | 72.8697917 | Deploying | 2 | 3150 | 1.76 | 0.78 | 1.79 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:53 | 72.8701389 | Deploying | 2 | 3180 | 1.76 | 0.78 | 1.81 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:53 | 72.8704398 | Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:53 | 72.8704861 | Deploying | 2 | 3210 | 1.77 | 0.84 | 1.83 | 7.89 | 2080 | 1515 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:54 | 72.8708333 | Deploying | 2 | 3240 | 1.83 | 0.84 | 1.84 | 7.86 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:54 | 72.8711806 | Deploying | 2 | 3270 | 1.83 | 0.84 | 1.86 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:55 | 72.8715278 | Deploying | 2 | 3300 | 1.83 | 0.84 | 1.88 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:55 | 72.8718171 | Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:55 | 72.8718750 | Deploying | 2 | 3330 | 1.84 | 0.9 | 1.89 | 7.87 | 2057 | 1513 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:56 | 72.8722222 | Deploying | 2 | 3360 | 1.9 | 0.9 | 1.91 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:56 | 72.8725694 | Deploying | 2 | 3390 | 1.89 | 0.9 | 1.93 | 7.89 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:57 | 72.8729167 | Deploying | 2 | 3420 | 1.89 | 0.9 | 1.95 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:57 | 72.8729861 | Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:57 | 72.8732639 | Deploying | 2 | 3450 | 1.95 | 0.95 | 1.96 | 7.87 | 2069 | 1497 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:58 | 72.8736111 | Deploying | 2 | 3480 | 1.96 | 0.95 | 1.98 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:58 | 72.8739583 | Deploying | 2 | 3510 | 1.96 | 0.95 | 2 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:59 | 72.8743056 | Deploying | 2 | 3540 | 1.96 | 0.95 | 2.01 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:59 | 72.8745255 | Winding down 1706 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:59 | 72.8746528 | Deploying | 2 | 3570 | 1.98 | 1.02 | 2.03 | 7.89 | 2067 | 1511 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:00 | 72.8750000 | Deploying | 2 | 3600 | 2.03 | 1.02 | 2.05 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:00 | 72.8753472 | Deploying | 2 | 3630 | 2.03 | 1.02 | 2.06 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:01 | 72.8756944 | Deploying | 2 | 3660 | 2.02 | 1.02 | 2.08 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:01 | 72.8758565 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:01 | 72.8760417 | Deploying | 2 | 3690 | 2.07 | 1.08 | 2.1 | 7.9 | 2243 | 1520 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:02 | 72.8763889 | Deploying | 2 | 3720 | 2.1 | 1.08 | 2.12 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:02 | 72.8767361 | Deploying | 2 | 3750 | 2.1 | 1.08 | 2.13 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:03 | 72.8770833 | Deploying | 2 | 3780 | 2.1 | 1.08 | 2.15 | 7.87 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:03 | 72.8773495 | Winding down 1438 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:03 | 72.8774306 | Deploying | 2 | 3810 | 2.12 | 1.14 | 2.17 | 7.9 | 2047 | 1508 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:04 | 72.8777778 | Deploying | 2 | 3840 | 2.16 | 1.14 | 2.18 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:04 | 72.8781250 | Deploying | 2 | 3870 | 2.17 | 1.14 | 2.2 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:05 | 72.8784722 | Deploying | 2 | 3900 | 2.16 | 1.14 | 2.22 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:05 | 72.8786806 | Winding down 1792 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:05 | 72.8788194 | Deploying | 2 | 3930 | 2.19 | 1.21 | 2.23 | 7.87 | 2157 | 1509 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:06 | 72.8791667 | Deploying | 2 | 3960 | 2.23 | 1.21 | 2.25 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:06 | 72.8795139 | Deploying | 2 | 3990 | 2.24 | 1.21 | 2.27 | 7.87 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 21:07 | 72.8798611 | Deploying | 2 | 4020 | 2.24 | 1.21 | 2.29 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:07 | 72.8801157 | Winding down 1524 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:07 | 72.8802083 | Deploying | 2 | 4050 | 2.26 | 1.26 | 2.3 | 7.89 | 2045 | 1493 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:08 | 72.8805556 | Deploying | 2 | 4080 | 2.31 | 1.26 | 2.32 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:08 | 72.8809028 | Deploying | 2 | 4110 | 2.3 | 1.26 | 2.34 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:09 | 72.8812500 | Deploying | 2 | 4140 | 2.3 | 1.26 | 2.35 | 7.87 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

| Date | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 21:09 | 72.8813542 | Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:09 | 72.8815972 | Deploying | 2 | 4170 | 2.34 | 1.32 | 2.37 | 7.86 | 1943 | 1512 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:10 | 72.8819444 | Deploying | 2 | 4200 | 2.36 | 1.32 | 2.39 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:10 | 72.8822917 | Deploying | 2 | 4230 | 2.35 | 1.32 | 2.4 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:10 | 72.8825926 | Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:11 | 72.8826389 | Deploying | 2 | 4260 | 2.37 | 1.38 | 2.42 | 7.86 | 2047 | 1500 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:11 | 72.8829861 | Deploying | 2 | 4290 | 2.43 | 1.38 | 2.44 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:12 | 72.8833333 | Deploying | 2 | 4320 | 2.42 | 1.38 | 2.46 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:12 | 72.8836806 | Deploying | 2 | 4350 | 2.42 | 1.38 | 2.47 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:12 | 72.8839468 | Winding down 1588 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:13 | 72.8840278 | Deploying | 2 | 4380 | 2.43 | 1.44 | 2.49 | 7.87 | 2073 | 1525 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:13 | 72.8843750 | Deploying | 2 | 4410 | 2.5 | 1.44 | 2.51 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:14 | 72.8847222 | Deploying | 2 | 4440 | 2.49 | 1.44 | 2.52 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:14 | 72.8850694 | Deploying | 2 | 4470 | 2.5 | 1.44 | 2.54 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:15 | 72.8854167 | Deploying | 2 | 4500 | 2.49 | 1.44 | 2.56 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:15 | 72.8854167 | Winding down 1687 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:15 | 72.8857639 | Deploying | 2 | 4530 | 2.56 | 1.5 | 2.57 | 7.87 | 2024 | 1498 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:16 | 72.8861111 | Deploying | 2 | 4560 | 2.55 | 1.5 | 2.59 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:16 | 72.8864583 | Deploying | 2 | 4590 | 2.56 | 1.5 | 2.61 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:16 | 72.8867477 | Winding down 1691 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:17 | 72.8868056 | Deploying | 2 | 4620 | 2.57 | 1.56 | 2.63 | 7.84 | 2021 | 1498 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:17 | 72.8871528 | Deploying | 2 | 4650 | 2.63 | 1.56 | 2.64 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:18 | 72.8875000 | Deploying | 2 | 4680 | 2.64 | 1.56 | 2.66 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:18 | 72.8878472 | Deploying | 2 | 4710 | 2.63 | 1.56 | 2.68 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:18 | 72.8881250 | Winding down 1502 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:19 | 72.8881944 | Deploying | 2 | 4740 | 2.65 | 1.62 | 2.69 | 7.87 | 2080 | 1495 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:19 | 72.8885417 | Deploying | 2 | 4770 | 2.69 | 1.62 | 2.71 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:20 | 72.8888889 | Deploying | 2 | 4800 | 2.7 | 1.62 | 2.73 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:20 | 72.8892361 | Deploying | 2 | 4830 | 2.69 | 1.62 | 2.74 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:20 | 72.8894560 | Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:21 | 72.8895833 | Deploying | 2 | 4860 | 2.71 | 1.68 | 2.76 | 7.89 | 1998 | 1503 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:21 | 72.8899306 | Deploying | 2 | 4890 | 2.77 | 1.68 | 2.78 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:22 | 72.8902778 | Deploying | 2 | 4920 | 2.77 | 1.68 | 2.8 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:22 | 72.8906250 | Deploying | 2 | 4950 | 2.77 | 1.68 | 2.81 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:22 | 72.8909606 | Winding down 1598 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:23 | 72.8909722 | Deploying | 2 | 4980 | 2.77 | 1.74 | 2.83 | 7.87 | 2027 | 1515 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:23 | 72.8913194 | Deploying | 2 | 5010 | 2.83 | 1.74 | 2.85 | 7.87 | 2027 | 9 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:24 | 72.8916667 | Deploying | 2 | 5040 | 2.83 | 1.74 | 2.86 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:24 | 72.8920139 | Deploying | 2 | 5070 | 2.83 | 1.74 | 2.88 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:24 | 72.8922106 | Winding down 1528 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:25 | 72.8923611 | Deploying | 2 | 5100 | 2.86 | 1.8 | 2.9 | 7.89 | 2081 | 1505 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:25 | 72.8927083 | Deploying | 2 | 5130 | 2.89 | 1.8 | 2.91 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:26 | 72.8930556 | Deploying | 2 | 5160 | 2.9 | 1.8 | 2.93 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:26 | 72.8934028 | Deploying | 2 | 5190 | 2.89 | 1.8 | 2.95 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:26 | 72.8935995 | Winding down 1728 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:27 | 72.8937500 | Deploying | 2 | 5220 | 2.93 | 1.87 | 2.97 | 7.89 | 2003 | 1512 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:27 | 72.8940972 | Deploying | 2 | 5250 | 2.97 | 1.87 | 2.98 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:28 | 72.8944444 | Deploying | 2 | 5280 | 2.98 | 1.87 | 3 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:28 | 72.8947917 | Deploying | 2 | 5310 | 2.97 | 1.87 | 3.02 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:29 | 72.8951389 | Deploying | 2 | 5340 | 2.97 | 1.87 | 3.03 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:29 | 72.8951620 | Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:29 | 72.8954861 | Deploying | 2 | 5370 | 3.04 | 1.93 | 3.05 | 7.84 | 2051 | 1508 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:30 | 72.8958333 | Deploying | 2 | 5400 | 3.04 | 1.93 | 3.07 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:30 | 72.8961806 | Deploying | 2 | 5430 | 3.04 | 1.93 | 3.08 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | State | | Col | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 21:30 | 72.8965162 | Winding down 1448 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:31 | 72.8965278 | Deploying | 2 | 5460 | 3.04 | 1.99 | 3.1 | 7.86 | 2074 | 1534 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:31 | 72.8968750 | Deploying | 2 | 5490 | 3.11 | 1.99 | 3.12 | 7.86 | 2074 | 12 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:32 | 72.8972222 | Deploying | 2 | 5520 | 3.11 | 1.99 | 3.14 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:32 | 72.8975694 | Deploying | 2 | 5550 | 3.1 | 1.99 | 3.15 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:32 | 72.8978588 | Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:33 | 72.8979167 | Deploying | 2 | 5580 | 3.11 | 2.05 | 3.17 | 7.87 | 2028 | 1506 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:33 | 72.8982639 | Deploying | 2 | 5610 | 3.17 | 2.05 | 3.19 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:34 | 72.8986111 | Deploying | 2 | 5640 | 3.17 | 2.05 | 3.2 | 7.87 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 21:34 | 72.8989583 | Deploying | 2 | 5670 | 3.17 | 2.05 | 3.22 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:34 | 72.8991667 | Winding down 1392 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:35 | 72.8993056 | Deploying | 2 | 5700 | 3.2 | 2.1 | 3.24 | 7.87 | 2020 | 1513 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:35 | 72.8996528 | Deploying | 2 | 5730 | 3.23 | 2.1 | 3.25 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:36 | 72.9000000 | Deploying | 2 | 5760 | 3.23 | 2.1 | 3.27 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 21:36 | 72.9003472 | Deploying | 2 | 5790 | 3.23 | 2.1 | 3.29 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:36 | 72.9005556 | Winding down 1642 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:37 | 72.9006944 | Deploying | 2 | 5820 | 3.26 | 2.16 | 3.31 | 7.84 | 2071 | 1504 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:37 | 72.9010417 | Deploying | 2 | 5850 | 3.3 | 2.16 | 3.32 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:38 | 72.9013889 | Deploying | 2 | 5880 | 3.3 | 2.16 | 3.34 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:38 | 72.9017014 | Winding down 1395 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:38 | 72.9017361 | Deploying | 2 | 5910 | 3.3 | 2.22 | 3.36 | 7.9 | 2051 | 1509 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:39 | 72.9020833 | Deploying | 2 | 5940 | 3.36 | 2.22 | 3.37 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:39 | 72.9024306 | Deploying | 2 | 5970 | 3.35 | 2.22 | 3.39 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:40 | 72.9027778 | Deploying | 2 | 6000 | 3.36 | 2.22 | 3.41 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:40 | 72.9031250 | Deploying | 2 | 6030 | 3.36 | 2.22 | 3.42 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:40 | 72.9031481 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:41 | 72.9034722 | Deploying | 2 | 6060 | 3.42 | 2.28 | 3.44 | 7.84 | 2087 | 1498 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:41 | 72.9038194 | Deploying | 2 | 6090 | 3.43 | 2.28 | 3.46 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:42 | 72.9041667 | Deploying | 2 | 6120 | 3.43 | 2.28 | 3.48 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:42 | 72.9043634 | Winding down 1603 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:42 | 72.9045139 | Deploying | 2 | 6150 | 3.46 | 2.34 | 3.49 | 7.86 | 2170 | 1520 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:43 | 72.9048611 | Deploying | 2 | 6180 | 3.5 | 2.34 | 3.51 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:43 | 72.9052083 | Deploying | 2 | 6210 | 3.49 | 2.34 | 3.53 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:44 | 72.9055556 | Deploying | 2 | 6240 | 3.5 | 2.34 | 3.54 | 7.87 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 21:44 | 72.9059028 | Deploying | 2 | 6270 | 3.49 | 2.34 | 3.56 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:44 | 72.9059144 | Winding down 1776 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:45 | 72.9062500 | Deploying | 2 | 6300 | 3.58 | 2.41 | 3.58 | 7.84 | 2005 | 1517 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 21:45 | 72.9065972 | Deploying | 2 | 6330 | 3.57 | 2.41 | 3.59 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:46 | 72.9069444 | Deploying | 2 | 6360 | 3.58 | 2.41 | 3.61 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:46 | 72.9072917 | Deploying | 2 | 6390 | 3.58 | 2.41 | 3.63 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:46 | 72.9075347 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:47 | 72.9076389 | Deploying | 2 | 6420 | 3.59 | 2.47 | 3.65 | 7.86 | 2169 | 1505 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:47 | 72.9079861 | Deploying | 2 | 6450 | 3.64 | 2.47 | 3.66 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:48 | 72.9083333 | Deploying | 2 | 6480 | 3.64 | 2.47 | 3.68 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:48 | 72.9086806 | Deploying | 2 | 6510 | 3.64 | 2.47 | 3.7 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:48 | 72.9087500 | Winding down 1597 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:49 | 72.9090278 | Deploying | 2 | 6540 | 3.7 | 2.53 | 3.71 | 7.86 | 2029 | 1506 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 21:49 | 72.9093750 | Deploying | 2 | 6570 | 3.71 | 2.53 | 3.73 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:50 | 72.9097222 | Deploying | 2 | 6600 | 3.71 | 2.53 | 3.75 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:50 | 72.9100694 | Deploying | 2 | 6630 | 3.71 | 2.53 | 3.76 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:50 | 72.9101968 | Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:51 | 72.9104167 | Deploying | 2 | 6660 | 3.75 | 2.59 | 3.78 | 7.86 | 2112 | 1518 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:51 | 72.9107639 | Deploying | 2 | 6690 | 3.77 | 2.59 | 3.8 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:52 | 72.9111111 | Deploying | 2 | 6720 | 3.78 | 2.59 | 3.82 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 21:52 | 72.9114583 Deploying | 2 | 6750 | 3.78 | 2.59 | 3.83 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:52 | 72.9116204 Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:53 | 72.9118056 Deploying | 2 | 6780 | 3.82 | 2.65 | 3.85 | 7.86 | 2216 | 1539 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:53 | 72.9121528 Deploying | 2 | 6810 | 3.85 | 2.65 | 3.87 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:54 | 72.9125000 Deploying | 2 | 6840 | 3.85 | 2.65 | 3.88 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:54 | 72.9128472 Deploying | 2 | 6870 | 3.85 | 2.65 | 3.9 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:54 | 72.9130093 Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:55 | 72.9131944 Deploying | 2 | 6900 | 3.88 | 2.72 | 3.92 | 7.86 | 2039 | 1509 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:55 | 72.9135417 Deploying | 2 | 6930 | 3.92 | 2.72 | 3.93 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:56 | 72.9138889 Deploying | 2 | 6960 | 3.92 | 2.72 | 3.95 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:56 | 72.9142361 Deploying | 2 | 6990 | 3.92 | 2.72 | 3.97 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:56 | 72.9144444 Winding down 1542 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:57 | 72.9145833 Deploying | 2 | 7020 | 3.94 | 2.77 | 3.99 | 7.87 | 2038 | 1502 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:57 | 72.9149306 Deploying | 2 | 7050 | 4 | 2.77 | 4 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:58 | 72.9152778 Deploying | 2 | 7080 | 3.98 | 2.77 | 4.02 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:58 | 72.9156250 Deploying | 2 | 7110 | 3.98 | 2.77 | 4.04 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:58 | 72.9158102 Winding down 1714 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:59 | 72.9159722 Deploying | 2 | 7140 | 4.01 | 2.84 | 4.05 | 7.86 | 2027 | 1496 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:59 | 72.9163194 Deploying | 2 | 7170 | 4.05 | 2.84 | 4.07 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:00 | 72.9166667 Deploying | 2 | 7200 | 4.06 | 2.84 | 4.09 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:00 | 72.9170139 Deploying | 2 | 7230 | 4.06 | 2.84 | 4.1 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:00 | 72.9173495 Winding down 1748 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:01 | 72.9173611 Deploying | 2 | 7260 | 4.05 | 2.91 | 4.12 | 7.84 | 2031 | 1511 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:01 | 72.9177083 Deploying | 2 | 7290 | 4.13 | 2.91 | 4.14 | 7.87 | 2031 | 10 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:02 | 72.9180556 Deploying | 2 | 7320 | 4.13 | 2.91 | 4.16 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:02 | 72.9184028 Deploying | 2 | 7350 | 4.13 | 2.91 | 4.17 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:02 | 72.9187269 Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:03 | 72.9187500 Deploying | 2 | 7380 | 4.13 | 2.96 | 4.19 | 7.79 | 2061 | 1523 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:03 | 72.9190972 Deploying | 2 | 7410 | 4.19 | 2.96 | 4.21 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:04 | 72.9194444 Deploying | 2 | 7440 | 4.19 | 2.96 | 4.22 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:04 | 72.9197917 Deploying | 2 | 7470 | 4.2 | 2.96 | 4.24 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:05 | 72.9201389 Deploying | 2 | 7500 | 4.19 | 2.96 | 4.26 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:05 | 72.9201968 Winding down 1783 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:05 | 72.9204861 Deploying | 2 | 7530 | 4.25 | 3.03 | 4.27 | 7.86 | 2219 | 1528 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:06 | 72.9208333 Deploying | 2 | 7560 | 4.27 | 3.03 | 4.29 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:06 | 72.9211806 Deploying | 2 | 7590 | 4.27 | 3.03 | 4.31 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:07 | 72.9215278 Deploying | 2 | 7620 | 4.27 | 3.03 | 4.33 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:07 | 72.9216204 Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:07 | 72.9218750 Deploying | 2 | 7650 | 4.32 | 3.09 | 4.34 | 7.87 | 2039 | 1528 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:08 | 72.9222222 Deploying | 2 | 7680 | 4.35 | 3.09 | 4.36 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:08 | 72.9225694 Deploying | 2 | 7710 | 4.34 | 3.09 | 4.38 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:09 | 72.9229167 Deploying | 2 | 7740 | 4.34 | 3.09 | 4.39 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:09 | 72.9231829 Winding down 1688 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:09 | 72.9232639 Deploying | 2 | 7770 | 4.36 | 3.15 | 4.41 | 7.87 | 2010 | 1502 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:10 | 72.9236111 Deploying | 2 | 7800 | 4.41 | 3.15 | 4.43 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:10 | 72.9239583 Deploying | 2 | 7830 | 4.41 | 3.15 | 4.44 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:11 | 72.9243056 Deploying | 2 | 7860 | 4.41 | 3.15 | 4.46 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:11 | 72.9245023 Winding down 1503 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:11 | 72.9246528 Deploying | 2 | 7890 | 4.44 | 3.21 | 4.48 | 7.86 | 2029 | 1512 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:12 | 72.9250000 Deploying | 2 | 7920 | 4.47 | 3.21 | 4.5 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:12 | 72.9253472 Deploying | 2 | 7950 | 4.47 | 3.21 | 4.51 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:13 | 72.9256944 Deploying | 2 | 7980 | 4.47 | 3.21 | 4.53 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:13 | 72.9257639 Winding down 1572 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:13 | 72.9260417 Deploying | 2 | 8010 | 4.53 | 3.27 | 4.55 | 7.84 | 2063 | 1523 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:14 | 72.9263889 | Deploying | 2 | 8040 | 4.54 | 3.27 | 4.56 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:14 | 72.9267361 | Deploying | 2 | 8070 | 4.55 | 3.27 | 4.58 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:15 | 72.9270833 | Deploying | 2 | 8100 | 4.55 | 3.27 | 4.6 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:15 | 72.9273148 | Winding down 1820 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:15 | 72.9274306 | Deploying | 2 | 8130 | 4.57 | 3.34 | 4.61 | 7.83 | 2034 | 1521 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:16 | 72.9277778 | Deploying | 2 | 8160 | 4.62 | 3.34 | 4.63 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:16 | 72.9281250 | Deploying | 2 | 8190 | 4.61 | 3.34 | 4.65 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:17 | 72.9284722 | Deploying | 2 | 8220 | 4.61 | 3.34 | 4.67 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:17 | 72.9285880 | Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:17 | 72.9288194 | Deploying | 2 | 8250 | 4.66 | 3.4 | 4.68 | 7.87 | 2033 | 1508 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:18 | 72.9291667 | Deploying | 2 | 8280 | 4.69 | 3.4 | 4.7 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:18 | 72.9295139 | Deploying | 2 | 8310 | 4.68 | 3.4 | 4.72 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:19 | 72.9298611 | Deploying | 2 | 8340 | 4.68 | 3.4 | 4.73 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:19 | 72.9301389 | Winding down 1627 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:19 | 72.9302083 | Deploying | 2 | 8370 | 4.7 | 3.46 | 4.75 | 7.86 | 2078 | 1527 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:20 | 72.9305556 | Deploying | 2 | 8400 | 4.75 | 3.46 | 4.77 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:20 | 72.9309028 | Deploying | 2 | 8430 | 4.74 | 3.46 | 4.78 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:21 | 72.9312500 | Deploying | 2 | 8460 | 4.75 | 3.46 | 4.8 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:21 | 72.9314468 | Winding down 1703 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:21 | 72.9315972 | Deploying | 2 | 8490 | 4.78 | 3.52 | 4.82 | 7.86 | 2245 | 1544 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:22 | 72.9319444 | Deploying | 2 | 8520 | 4.82 | 3.52 | 4.84 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:22 | 72.9322917 | Deploying | 2 | 8550 | 4.82 | 3.52 | 4.85 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:23 | 72.9326389 | Deploying | 2 | 8580 | 4.82 | 3.52 | 4.87 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:23 | 72.9329051 | Winding down 1538 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:23 | 72.9329861 | Deploying | 2 | 8610 | 4.83 | 3.58 | 4.89 | 7.87 | 2073 | 1508 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:24 | 72.9333333 | Deploying | 2 | 8640 | 4.88 | 3.58 | 4.9 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:24 | 72.9336806 | Deploying | 2 | 8670 | 4.88 | 3.58 | 4.92 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:25 | 72.9340278 | Deploying | 2 | 8700 | 4.88 | 3.58 | 4.94 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:25 | 72.9340625 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:25 | 72.9343750 | Deploying | 2 | 8730 | 4.94 | 3.64 | 4.95 | 7.87 | 2068 | 1524 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:26 | 72.9347222 | Deploying | 2 | 8760 | 4.95 | 3.64 | 4.97 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:26 | 72.9350694 | Deploying | 2 | 8790 | 4.95 | 3.64 | 4.99 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:27 | 72.9354167 | Deploying | 2 | 8820 | 4.95 | 3.64 | 5.01 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:27 | 72.9355903 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:27 | 72.9357639 | Deploying | 2 | 8850 | 4.98 | 3.7 | 5.02 | 7.84 | 2093 | 1520 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:28 | 72.9361111 | Deploying | 2 | 8880 | 5.02 | 3.7 | 5.04 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:28 | 72.9364583 | Deploying | 2 | 8910 | 5.02 | 3.7 | 5.06 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:29 | 72.9368056 | Deploying | 2 | 8940 | 5.01 | 3.7 | 5.07 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:29 | 72.9369097 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:29 | 72.9371528 | Deploying | 2 | 8970 | 5.07 | 3.76 | 5.09 | 7.86 | 2146 | 1520 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:30 | 72.9375000 | Deploying | 2 | 9000 | 5.09 | 3.76 | 5.11 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:30 | 72.9378472 | Deploying | 2 | 9030 | 5.08 | 3.76 | 5.12 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:31 | 72.9381944 | Deploying | 2 | 9060 | 5.09 | 3.76 | 5.14 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:31 | 72.9383102 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:31 | 72.9385417 | Deploying | 2 | 9090 | 5.13 | 3.83 | 5.16 | 7.84 | 2226 | 1542 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:32 | 72.9388889 | Deploying | 2 | 9120 | 5.16 | 3.83 | 5.18 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:32 | 72.9392361 | Deploying | 2 | 9150 | 5.15 | 3.83 | 5.19 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:33 | 72.9395833 | Deploying | 2 | 9180 | 5.16 | 3.83 | 5.21 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:33 | 72.9397685 | Winding down 1464 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:33 | 72.9399306 | Deploying | 2 | 9210 | 5.19 | 3.88 | 5.23 | 7.83 | 2112 | 1530 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:34 | 72.9402778 | Deploying | 2 | 9240 | 5.21 | 3.88 | 5.24 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:34 | 72.9406250 | Deploying | 2 | 9270 | 5.21 | 3.88 | 5.26 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:34 | 72.9409259 | Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:35 | 72.9409722 | Deploying | 2 | 9300 | 5.22 | 3.94 | 5.28 | 7.84 | 2044 | 1539 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value/Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:35 | 72.9413194 Deploying | 2 | 9330 | 5.28 | 3.94 | 5.29 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:36 | 72.9416667 Deploying | 2 | 9360 | 5.28 | 3.94 | 5.31 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:36 | 72.9420139 Deploying | 2 | 9390 | 5.28 | 3.94 | 5.33 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:36 | 72.9423264 Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:37 | 72.9423611 Deploying | 2 | 9420 | 5.29 | 4 | 5.35 | 7.84 | 2023 | 1511 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:37 | 72.9427083 Deploying | 2 | 9450 | 5.34 | 4 | 5.36 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:38 | 72.9430556 Deploying | 2 | 9480 | 5.35 | 4 | 5.38 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:38 | 72.9434028 Deploying | 2 | 9510 | 5.34 | 4 | 5.4 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:38 | 72.9435880 Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:39 | 72.9437500 Deploying | 2 | 9540 | 5.38 | 4.06 | 5.41 | 7.84 | 2050 | 1537 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:39 | 72.9440972 Deploying | 2 | 9570 | 5.41 | 4.06 | 5.43 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:40 | 72.9444444 Deploying | 2 | 9600 | 5.42 | 4.06 | 5.45 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:40 | 72.9447917 Deploying | 2 | 9630 | 5.41 | 4.06 | 5.46 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:40 | 72.9450231 Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:41 | 72.9451389 Deploying | 2 | 9660 | 5.44 | 4.11 | 5.48 | 7.86 | 2057 | 1538 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:41 | 72.9454861 Deploying | 2 | 9690 | 5.48 | 4.11 | 5.5 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:42 | 72.9458333 Deploying | 2 | 9720 | 5.48 | 4.11 | 5.52 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:42 | 72.9461806 Deploying | 2 | 9750 | 5.48 | 4.11 | 5.53 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:42 | 72.9463773 Winding down 1703 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:43 | 72.9465278 Deploying | 2 | 9780 | 5.5 | 4.18 | 5.55 | 7.84 | 2043 | 1531 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:43 | 72.9468750 Deploying | 2 | 9810 | 5.55 | 4.18 | 5.57 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:44 | 72.9472222 Deploying | 2 | 9840 | 5.55 | 4.18 | 5.58 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:44 | 72.9475694 Deploying | 2 | 9870 | 5.54 | 4.18 | 5.6 | 7.83 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 22:44 | 72.9476620 Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:45 | 72.9479167 Deploying | 2 | 9900 | 5.6 | 4.24 | 5.62 | 7.86 | 2150 | 1521 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:45 | 72.9482639 Deploying | 2 | 9930 | 5.61 | 4.24 | 5.63 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:46 | 72.9486111 Deploying | 2 | 9960 | 5.61 | 4.24 | 5.65 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:46 | 72.9489583 Deploying | 2 | 9990 | 5.61 | 4.24 | 5.67 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:46 | 72.9490625 Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:47 | 72.9493056 Deploying | 2 | 10020 | 5.66 | 4.29 | 5.69 | 7.84 | 2086 | 1527 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:47 | 72.9496528 Deploying | 2 | 10050 | 5.66 | 4.29 | 5.7 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:48 | 72.9500000 Deploying | 2 | 10080 | 5.67 | 4.29 | 5.72 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:48 | 72.9501852 Winding down 1314 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:48 | 72.9503472 Deploying | 2 | 10110 | 5.7 | 4.34 | 5.74 | 7.84 | 2027 | 1506 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:49 | 72.9506944 Deploying | 2 | 10140 | 5.73 | 4.34 | 5.75 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:49 | 72.9510417 Deploying | 2 | 10170 | 5.73 | 4.34 | 5.77 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:50 | 72.9513889 Deploying | 2 | 10200 | 5.73 | 4.34 | 5.79 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:50 | 72.9515162 Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:50 | 72.9517361 Deploying | 2 | 10230 | 5.77 | 4.4 | 5.8 | 7.84 | 2057 | 1536 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:51 | 72.9520833 Deploying | 2 | 10260 | 5.79 | 4.4 | 5.82 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:51 | 72.9524306 Deploying | 2 | 10290 | 5.8 | 4.4 | 5.84 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:52 | 72.9527778 Deploying | 2 | 10320 | 5.79 | 4.4 | 5.86 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:52 | 72.9528472 Winding down 1572 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:52 | 72.9531250 Deploying | 2 | 10350 | 5.85 | 4.46 | 5.87 | 7.84 | 2071 | 1527 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:53 | 72.9534722 Deploying | 2 | 10380 | 5.86 | 4.46 | 5.89 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:53 | 72.9538194 Deploying | 2 | 10410 | 5.86 | 4.46 | 5.91 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:54 | 72.9541667 Deploying | 2 | 10440 | 5.86 | 4.46 | 5.92 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:54 | 72.9541667 Winding down 1562 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:54 | 72.9545139 Deploying | 2 | 10470 | 5.93 | 4.52 | 5.94 | 7.84 | 2162 | 1537 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:55 | 72.9548611 Deploying | 2 | 10500 | 5.94 | 4.52 | 5.96 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:55 | 72.9552083 Deploying | 2 | 10530 | 5.94 | 4.52 | 5.97 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:56 | 72.9555556 Deploying | 2 | 10560 | 5.93 | 4.52 | 5.99 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:56 | 72.9555787 Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:56 | 72.9559028 Deploying | 2 | 10590 | 5.99 | 4.58 | 6.01 | 7.84 | 2049 | 1511 | 0 | 0 | 0 | 0 | 0 |

| Date | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:57 | 72.9562500 | Deploying | 2 | 10620 | 6 | 4.58 | 6.03 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:57 | 72.9565972 | Deploying | 2 | 10650 | 6 | 4.58 | 6.04 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:57 | 72.9568750 | Winding down 1477 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:58 | 72.9569444 | Deploying | 2 | 10680 | 6.01 | 4.64 | 6.06 | 7.87 | 2013 | 1519 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:58 | 72.9572917 | Deploying | 2 | 10710 | 6.07 | 4.64 | 6.08 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:59 | 72.9576389 | Deploying | 2 | 10740 | 6.06 | 4.64 | 6.09 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:59 | 72.9579861 | Deploying | 2 | 10770 | 6.07 | 4.64 | 6.11 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:00 | 72.9583333 | Deploying | 2 | 10800 | 6.07 | 4.64 | 6.13 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:00 | 72.9584144 | Winding down 1711 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:00 | 72.9586806 | Deploying | 2 | 10830 | 6.11 | 4.71 | 6.14 | 7.86 | 2082 | 1530 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:01 | 72.9590278 | Deploying | 2 | 10860 | 6.13 | 4.71 | 6.16 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:01 | 72.9593750 | Deploying | 2 | 10890 | 6.14 | 4.71 | 6.18 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:02 | 72.9597222 | Deploying | 2 | 10920 | 6.13 | 4.71 | 6.2 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:02 | 72.9597338 | Winding down 1701 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:02 | 72.9600694 | Deploying | 2 | 10950 | 6.2 | 4.77 | 6.21 | 7.83 | 2217 | 1535 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:03 | 72.9604167 | Deploying | 2 | 10980 | 6.21 | 4.77 | 6.23 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:03 | 72.9607639 | Deploying | 2 | 11010 | 6.22 | 4.77 | 6.25 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:04 | 72.9611111 | Deploying | 2 | 11040 | 6.22 | 4.77 | 6.26 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:04 | 72.9614468 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:04 | 72.9614583 | Deploying | 2 | 11070 | 6.22 | 4.83 | 6.28 | 7.84 | 2047 | 1509 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:05 | 72.9618056 | Deploying | 2 | 11100 | 6.27 | 4.83 | 6.3 | 7.81 | 2047 | 8 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:05 | 72.9621528 | Deploying | 2 | 11130 | 6.27 | 4.83 | 6.31 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:05 | 72.9624769 | Winding down 1334 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:06 | 72.9625000 | Deploying | 2 | 11160 | 6.28 | 4.88 | 6.33 | 7.78 | 2066 | 1522 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:06 | 72.9628472 | Deploying | 2 | 11190 | 6.33 | 4.88 | 6.35 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:07 | 72.9631944 | Deploying | 2 | 11220 | 6.32 | 4.88 | 6.37 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:07 | 72.9635417 | Deploying | 2 | 11250 | 6.32 | 4.88 | 6.38 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:07 | 72.9637500 | Winding down 1817 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:08 | 72.9638889 | Deploying | 2 | 11280 | 6.35 | 4.95 | 6.4 | 7.86 | 2037 | 1511 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:08 | 72.9642361 | Deploying | 2 | 11310 | 6.39 | 4.95 | 6.42 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:09 | 72.9645833 | Deploying | 2 | 11340 | 6.4 | 4.95 | 6.43 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:09 | 72.9649306 | Deploying | 2 | 11370 | 6.4 | 4.95 | 6.45 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:09 | 72.9650000 | Winding down 1422 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:10 | 72.9652778 | Deploying | 2 | 11400 | 6.43 | 5 | 6.47 | 7.83 | 2077 | 1527 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:10 | 72.9656250 | Deploying | 2 | 11430 | 6.45 | 5 | 6.48 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:11 | 72.9659722 | Deploying | 2 | 11460 | 6.45 | 5 | 6.5 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:11 | 72.9661574 | Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:11 | 72.9663194 | Deploying | 2 | 11490 | 6.48 | 5.06 | 6.52 | 7.83 | 2219 | 1532 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:12 | 72.9666667 | Deploying | 2 | 11520 | 6.52 | 5.06 | 6.54 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:12 | 72.9670139 | Deploying | 2 | 11550 | 6.52 | 5.06 | 6.55 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:13 | 72.9673611 | Deploying | 2 | 11580 | 6.52 | 5.06 | 6.57 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:13 | 72.9676042 | Winding down 1685 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:13 | 72.9677083 | Deploying | 2 | 11610 | 6.54 | 5.13 | 6.59 | 7.83 | 2022 | 1494 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:14 | 72.9680556 | Deploying | 2 | 11640 | 6.59 | 5.13 | 6.6 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:14 | 72.9684028 | Deploying | 2 | 11670 | 6.59 | 5.13 | 6.62 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:15 | 72.9687500 | Deploying | 2 | 11700 | 6.59 | 5.13 | 6.64 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:15 | 72.9690162 | Winding down 1613 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:15 | 72.9690972 | Deploying | 2 | 11730 | 6.6 | 5.19 | 6.65 | 7.84 | 2056 | 1508 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:16 | 72.9694444 | Deploying | 2 | 11760 | 6.65 | 5.19 | 6.67 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:16 | 72.9697917 | Deploying | 2 | 11790 | 6.66 | 5.19 | 6.69 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:17 | 72.9701389 | Deploying | 2 | 11820 | 6.67 | 5.19 | 6.71 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:17 | 72.9704861 | Deploying | 2 | 11850 | 6.67 | 5.19 | 6.72 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:17 | 72.9705671 | Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:18 | 72.9708333 | Deploying | 2 | 11880 | 6.71 | 5.25 | 6.74 | 7.84 | 2170 | 1529 | 0 | 0 | 0 | 0 | 0 |

| Date | Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 | 23:18 | 72.9711806 | Deploying | 2 | 11910 | 6.73 | 5.25 | 6.76 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:19 | 72.9715278 | Deploying | 2 | 11940 | 6.73 | 5.25 | 6.77 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:19 | 72.9718287 | Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:19 | 72.9718750 | Deploying | 2 | 11970 | 6.73 | 5.31 | 6.79 | 7.83 | 2100 | 1500 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:20 | 72.9722222 | Deploying | 2 | 12000 | 6.79 | 5.31 | 6.81 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:20 | 72.9725694 | Deploying | 2 | 12030 | 6.79 | 5.31 | 6.82 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:21 | 72.9729167 | Deploying | 2 | 12060 | 6.78 | 5.31 | 6.84 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:21 | 72.9730440 | Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:21 | 72.9732639 | Deploying | 2 | 12090 | 6.84 | 5.37 | 6.86 | 7.86 | 2075 | 1513 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:22 | 72.9736111 | Deploying | 2 | 12120 | 6.85 | 5.37 | 6.88 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:22 | 72.9739583 | Deploying | 2 | 12150 | 6.86 | 5.37 | 6.89 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:23 | 72.9743056 | Deploying | 2 | 12180 | 6.86 | 5.37 | 6.91 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:23 | 72.9745255 | Winding down 1606 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:23 | 72.9746528 | Deploying | 2 | 12210 | 6.88 | 5.43 | 6.93 | 7.83 | 2227 | 1550 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:24 | 72.9750000 | Deploying | 2 | 12240 | 6.92 | 5.43 | 6.94 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:24 | 72.9753472 | Deploying | 2 | 12270 | 6.92 | 5.43 | 6.96 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:25 | 72.9756944 | Deploying | 2 | 12300 | 6.93 | 5.43 | 6.98 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:25 | 72.9760069 | Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:25 | 72.9760417 | Deploying | 2 | 12330 | 6.93 | 5.49 | 6.99 | 7.84 | 2132 | 1525 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:26 | 72.9763889 | Deploying | 2 | 12360 | 6.99 | 5.49 | 7.01 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:26 | 72.9767361 | Deploying | 2 | 12390 | 7 | 5.49 | 7.03 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:27 | 72.9770833 | Deploying | 2 | 12420 | 7 | 5.49 | 7.05 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:27 | 72.9771759 | Winding down 1350 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:27 | 72.9774306 | Deploying | 2 | 12450 | 7.03 | 5.55 | 7.06 | 7.83 | 2058 | 1523 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:28 | 72.9777778 | Deploying | 2 | 12480 | 7.05 | 5.55 | 7.08 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:28 | 72.9781250 | Deploying | 2 | 12510 | 7.05 | 5.55 | 7.1 | 7.79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:29 | 72.9784722 | Deploying | 2 | 12540 | 7.06 | 5.55 | 7.11 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:29 | 72.9785532 | Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:29 | 72.9788194 | Deploying | 2 | 12570 | 7.1 | 5.61 | 7.13 | 7.83 | 2090 | 1540 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:30 | 72.9791667 | Deploying | 2 | 12600 | 7.12 | 5.61 | 7.15 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:30 | 72.9795139 | Deploying | 2 | 12630 | 7.12 | 5.61 | 7.16 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:31 | 72.9798611 | Deploying | 2 | 12660 | 7.12 | 5.61 | 7.18 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:31 | 72.9798843 | Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:31 | 72.9802083 | Deploying | 2 | 12690 | 7.19 | 5.67 | 7.2 | 7.83 | 2106 | 1538 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:32 | 72.9805556 | Deploying | 2 | 12720 | 7.2 | 5.67 | 7.22 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:32 | 72.9809028 | Deploying | 2 | 12750 | 7.2 | 5.67 | 7.23 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:33 | 72.9812500 | Deploying | 2 | 12780 | 7.2 | 5.67 | 7.25 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:33 | 72.9815046 | Winding down 1849 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:33 | 72.9815972 | Deploying | 2 | 12810 | 7.21 | 5.74 | 7.27 | 7.84 | 2036 | 1518 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:34 | 72.9819444 | Deploying | 2 | 12840 | 7.27 | 5.74 | 7.28 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:34 | 72.9822917 | Deploying | 2 | 12870 | 7.27 | 5.74 | 7.3 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:35 | 72.9826389 | Deploying | 2 | 12900 | 7.28 | 5.74 | 7.32 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:35 | 72.9829861 | Deploying | 2 | 12930 | 7.28 | 5.74 | 7.33 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:35 | 72.9829977 | Winding down 1501 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:36 | 72.9833333 | Deploying | 2 | 12960 | 7.33 | 5.8 | 7.35 | 7.83 | 2055 | 1542 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:36 | 72.9836806 | Deploying | 2 | 12990 | 7.34 | 5.8 | 7.37 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:37 | 72.9840278 | Deploying | 2 | 13020 | 7.34 | 5.8 | 7.39 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:37 | 72.9842708 | Winding down 1335 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:37 | 72.9843750 | Deploying | 2 | 13050 | 7.36 | 5.85 | 7.4 | 7.83 | 2050 | 1526 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:38 | 72.9847222 | Deploying | 2 | 13080 | 7.39 | 5.85 | 7.42 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 | 23:38 | 72.9850694 | Deploying | 2 | 13110 | 7.39 | 5.85 | 7.44 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:39 | 72.9854167 | Deploying | 2 | 13140 | 7.4 | 5.85 | 7.45 | 7.79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 | 23:39 | 72.9856713 | Winding down 1824 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 23:39 | 72.9857639 | Deploying | 2 | 13170 | 7.42 | 5.92 | 7.47 | 7.81 | 2142 | 1535 | 0 | 0 | 0 | 0 | 0 |

| Date | Time | Description | State | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:40 | 72.9861111 | Deploying | 2 | 13200 | 7.47 | 5.92 | 7.49 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:40 | 72.9864583 | Deploying | 2 | 13230 | 7.47 | 5.92 | 7.5 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:41 | 72.9868056 | Deploying | 2 | 13260 | 7.48 | 5.92 | 7.52 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:41 | 72.9871065 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:41 | 72.9871528 | Deploying | 2 | 13290 | 7.48 | 5.98 | 7.54 | 7.81 | 2114 | 1547 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:42 | 72.9875000 | Deploying | 2 | 13320 | 7.54 | 5.98 | 7.56 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:42 | 72.9878472 | Deploying | 2 | 13350 | 7.53 | 5.98 | 7.57 | 7.79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:43 | 72.9881944 | Deploying | 2 | 13380 | 7.54 | 5.98 | 7.59 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:43 | 72.9885069 | Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:43 | 72.9885417 | Deploying | 2 | 13410 | 7.55 | 6.04 | 7.61 | 7.81 | 2007 | 1519 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:44 | 72.9888889 | Deploying | 2 | 13440 | 7.61 | 6.04 | 7.62 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:44 | 72.9892361 | Deploying | 2 | 13470 | 7.62 | 6.04 | 7.64 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:45 | 72.9895833 | Deploying | 2 | 13500 | 7.62 | 6.04 | 7.66 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:45 | 72.9899306 | Deploying | 2 | 13530 | 7.61 | 6.04 | 7.67 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:45 | 72.9899537 | Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:46 | 72.9902778 | Deploying | 2 | 13560 | 7.67 | 6.1 | 7.69 | 7.83 | 2046 | 1534 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:46 | 72.9906250 | Deploying | 2 | 13590 | 7.68 | 6.1 | 7.71 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:47 | 72.9909722 | Deploying | 2 | 13620 | 7.68 | 6.1 | 7.73 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:47 | 72.9912500 | Winding down 1352 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:47 | 72.9913194 | Deploying | 2 | 13650 | 7.7 | 6.15 | 7.74 | 7.79 | 2011 | 1533 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:48 | 72.9916667 | Deploying | 2 | 13680 | 7.74 | 6.15 | 7.76 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:48 | 72.9920139 | Deploying | 2 | 13710 | 7.73 | 6.15 | 7.78 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:49 | 72.9923611 | Deploying | 2 | 13740 | 7.74 | 6.15 | 7.79 | 7.81 | 0 | 0 | 1 | 0 | -2 | -9 | -2 |
| 3/12/2016 23:49 | 72.9925579 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/12/2016 23:49 | 72.9925579 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/12/2016 23:49 | 72.9925926 | Winding up 1849 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:49 | 72.9926157 | Winding up 3075 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:49 | 72.9926620 | Winding up 5124 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:49 | 72.9927083 | Rewinding | 5 | 13757 | 7.69 | 5.77 | 7.44 | 7.62 | 1116 | 858 | | | | | |
| 3/12/2016 23:49 | 72.9927315 | Winding up 7675 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:49 | 72.9928241 | Winding up 9550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:49 | 72.9929398 | Winding up 9575 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9930556 | Rewinding | 5 | 13757 | 6.98 | 4.75 | 6.69 | 7.56 | 1135 | 853 | | | | | |
| 3/12/2016 23:50 | 72.9930556 | Winding up 7850 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9931481 | Winding up 6275 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9932292 | Winding up 4650 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9932870 | Winding up 3725 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9933333 | Winding up 2950 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9933681 | Winding up 2400 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9934028 | Rewinding | 5 | 13757 | 5.99 | 3.69 | 5.94 | 7.54 | 1146 | 856 | | | | | |
| 3/12/2016 23:50 | 72.9934028 | Winding up 1825 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9934259 | Winding up 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9935995 | Winding up 1275 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9936227 | Winding up 1675 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9936458 | Winding up 2075 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9936806 | Winding up 2700 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9937153 | Winding up 3375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:51 | 72.9937500 | Rewinding | 5 | 13757 | 5.33 | 3.14 | 5.19 | 7.59 | 1137 | 865 | | | | | |
| 3/12/2016 23:51 | 72.9937616 | Winding up 4375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:51 | 72.9938194 | Winding up 5475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:51 | 72.9938889 | Winding up 6050 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:51 | 72.9939699 | Winding up 5400 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:51 | 72.9940394 | Winding up 4550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:51 | 72.9940972 | Rewinding | 5 | 13757 | 4.57 | 2.16 | 4.44 | 7.56 | 1134 | 238 | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:51 | 72.9940972 Winding up 3775 ticks | 3 | | | | | | | |
| 3/12/2016 23:51 | 72.9941435 Winding up 3200 ticks | 3 | | | | | | | |
| 3/12/2016 23:51 | 72.9941898 Winding up 2575 ticks | 3 | | | | | | | |
| 3/12/2016 23:51 | 72.9942245 Winding up 2150 ticks | 3 | | | | | | | |
| 3/12/2016 23:51 | 72.9942593 Winding up 1800 ticks | 3 | | | | | | | |
| 3/12/2016 23:51 | 72.9942824 Winding up 1600 ticks | 3 | | | | | | | |
| 3/12/2016 23:51 | 72.9943056 Winding up 1500 ticks | 3 | | | | | | | |
| 3/12/2016 23:51 | 72.9944213 Winding up 1250 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9944444 Rewinding | 5 | 13757 | 3.72 | 1.49 | 3.69 | 7.52 | 1151 | 849 |
| 3/12/2016 23:52 | 72.9944444 Winding up 1450 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9944676 Winding up 1625 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9944907 Winding up 1825 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9945139 Winding up 2100 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9945486 Winding up 2475 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9945833 Winding up 2775 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9946181 Winding up 3100 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9946644 Winding up 3500 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9947106 Winding up 3825 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9947569 Winding up 3750 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9947917 Rewinding | 5 | 13757 | 3.05 | 0.49 | 2.94 | 7.54 | 1146 | 848 |
| 3/12/2016 23:52 | 72.9948032 Winding up 3400 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9948495 Winding up 2825 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9948843 Winding up 2425 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9949190 Winding up 2075 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9949537 Winding up 1700 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9949769 Winding up 1525 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9950000 Winding up 1325 ticks | 3 | | | | | | | |
| 3/12/2016 23:52 | 72.9951273 Winding up 1325 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9951389 Rewinding | 5 | 13757 | 2.22 | -0.14 | 2.19 | 7.78 | 1146 | 848 |
| 3/12/2016 23:53 | 72.9951505 Winding up 1550 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9951736 Winding up 1900 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9951968 Winding up 2250 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9952315 Winding up 2650 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9952662 Winding up 3150 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9953125 Winding up 3650 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9953588 Winding up 4225 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9954167 Winding up 4550 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9954745 Winding up 4300 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9954861 Rewinding | 5 | 13757 | 1.58 | -1.2 | 1.44 | 7.71 | 1154 | 856 |
| 3/12/2016 23:53 | 72.9955324 Winding up 3725 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9955787 Winding up 3350 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9956250 Winding up 3100 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9956713 Winding up 3200 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9957176 Winding up 3700 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9957639 Winding up 4675 ticks | 3 | | | | | | | |
| 3/12/2016 23:53 | 72.9958218 Winding up 6350 ticks | 3 | | | | | | | |
| 3/12/2016 23:54 | 72.9958333 Rewinding | 5 | 13757 | 0.94 | -2.26 | 0.69 | 7.68 | 1164 | 1147 |
| 3/12/2016 23:54 | 72.9959028 Winding up 9750 ticks | 3 | | | | | | | |
| 3/12/2016 23:54 | 72.9960185 Winding up 16150 ticks | 3 | | | | | | | |
| 3/12/2016 23:54 | 72.9961806 Rewinding | 5 | 13757 | 0.91 | -3.23 | -0.06 | 6.84 | 1085 | 1068 |
| 3/12/2016 23:54 | 72.9962153 Winding up 26650 ticks | 3 | | | | | | | |
| 3/12/2016 23:55 | 72.9965278 Rewinding | 5 | 13757 | 0.9 | -4.22 | -0.81 | 6.83 | 1012 | 963 |
| 3/12/2016 23:55 | 72.9965278 Winding up 43375 ticks | 3 | | | | | | | |
| 3/12/2016 23:55 | 72.9968750 Rewinding | 5 | 13757 | 0.91 | -5.84 | -1.56 | 6.84 | 936 | 934 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:55 | 72.9970370 Winding up 71025 ticks | | 3 | | | | | | |
| 3/12/2016 23:56 | 72.9972222 Rewinding | | 5 | 13757 | 0.91 | -8.47 | -2.31 | 6.84 | 936 | 905 |
| 3/12/2016 23:56 | 72.9975694 Rewinding | | 5 | 13757 | 0.9 | -8.47 | -3.06 | 6.81 | 983 | 981 |
| 3/12/2016 23:56 | 72.9978704 Winding up 113975 ticks | | 3 | | | | | | |
| 3/12/2016 23:57 | 72.9979167 Rewinding | | 5 | 13757 | 0.69 | -12.67 | -3.81 | 6.83 | 983 | 889 |
| 3/12/2016 23:57 | 72.9982639 Rewinding | | 5 | 13757 | -0.14 | -12.67 | -4.56 | 6.83 | 962 | 875 |
| 3/12/2016 23:58 | 72.9986111 Rewinding | | 5 | 13757 | -0.14 | -12.67 | -5.31 | 6.79 | 962 | 869 |
| 3/12/2016 23:58 | 72.9989583 Rewinding | | 5 | 13757 | -0.14 | -12.67 | -6.06 | 6.81 | 962 | 856 |
| 3/12/2016 23:58 | 72.9992014 Winding up 161750 ticks | | 3 | | | | | | |
| 3/12/2016 23:59 | 72.9993056 Rewinding | | 5 | 13757 | -0.14 | -18.55 | -6.81 | 6.78 | 962 | 849 |
| 3/12/2016 23:59 | 72.9996528 Rewinding | | 5 | 13757 | -0.14 | -18.55 | -7.56 | 6.79 | 928 | 849 |
| 3/13/2016 0:00 | 73.0000000 Rewinding | | 5 | 13757 | -0.14 | -18.55 | -8.31 | 6.79 | 928 | 836 |
| 3/13/2016 0:00 | 73.0003472 Rewinding | | 5 | 13757 | -0.14 | -18.55 | -9.06 | 6.78 | 928 | 830 |
| 3/13/2016 0:01 | 73.0006944 Rewinding | | 5 | 13757 | -0.14 | -18.55 | -9.81 | 6.79 | 928 | 824 |
| 3/13/2016 0:01 | 73.0010417 Rewinding | | 5 | 13757 | -0.15 | -18.55 | -10.56 | 6.76 | 928 | 821 |
| 3/13/2016 0:01 | 73.0010764 Winding up 262825 ticks | | 3 | | | | | | |
| 3/13/2016 0:02 | 73.0013889 Rewinding | | 5 | 13757 | -0.14 | -27.94 | -11.31 | 6.81 | 928 | 818 |
| 3/13/2016 0:02 | 73.0017361 Rewinding | | 5 | 13757 | -0.14 | -27.94 | -12.06 | 6.79 | 807 | 806 |
| 3/13/2016 0:03 | 73.0020833 Rewinding | | 5 | 13757 | -0.14 | -27.94 | -12.81 | 6.76 | 812 | 810 |
| 3/13/2016 0:03 | 73.0024306 Rewinding | | 5 | 13757 | -0.13 | -27.94 | -13.56 | 6.75 | 812 | 803 |
| 3/13/2016 0:04 | 73.0027778 Rewinding | | 5 | 13757 | -0.14 | -27.94 | -14.31 | 6.78 | 812 | 802 |
| 3/13/2016 0:04 | 73.0031250 Rewinding | | 5 | 13757 | -0.13 | -27.94 | -15.06 | 6.76 | 812 | 802 |
| 3/13/2016 0:05 | 73.0034722 Rewinding | | 5 | 13757 | -0.13 | -27.94 | -15.81 | 6.78 | 812 | 800 |
| 3/13/2016 0:05 | 73.0038194 Rewinding | | 5 | 13757 | -0.14 | -27.94 | -16.56 | 6.79 | 812 | 797 |
| 3/13/2016 0:05 | 73.0041204 Winding up 427425 ticks | | 3 | | | | | | |
| 3/13/2016 0:06 | 73.0041667 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -17.31 | 6.78 | 812 | 791 |
| 3/13/2016 0:06 | 73.0045139 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -18.06 | 6.81 | 782 | 781 |
| 3/13/2016 0:07 | 73.0048611 Rewinding | | 5 | 13757 | -0.15 | -42.74 | -18.81 | 6.79 | 784 | 782 |
| 3/13/2016 0:07 | 73.0052083 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -19.56 | 6.78 | 787 | 785 |
| 3/13/2016 0:08 | 73.0055556 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -20.31 | 6.78 | 787 | 785 |
| 3/13/2016 0:08 | 73.0059028 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -21.06 | 6.79 | 788 | 785 |
| 3/13/2016 0:09 | 73.0062500 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -21.81 | 6.79 | 788 | 785 |
| 3/13/2016 0:09 | 73.0065972 Rewinding | | 5 | 13757 | -0.13 | -42.74 | -22.56 | 6.79 | 789 | 787 |
| 3/13/2016 0:10 | 73.0069444 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -23.31 | 6.84 | 789 | 783 |
| 3/13/2016 0:10 | 73.0072917 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -24.06 | 6.79 | 789 | 774 |
| 3/13/2016 0:11 | 73.0076389 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -24.81 | 6.79 | 789 | 771 |
| 3/13/2016 0:11 | 73.0079861 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -25.56 | 6.81 | 789 | 771 |
| 3/13/2016 0:12 | 73.0083333 Rewinding | | 5 | 13757 | -0.15 | -42.74 | -26.31 | 6.81 | 789 | 771 |
| 3/13/2016 0:12 | 73.0086806 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -27.06 | 6.79 | 789 | 773 |
| 3/13/2016 0:13 | 73.0090278 Rewinding | | 5 | 13757 | -0.14 | -42.74 | -27.81 | 6.79 | 789 | 771 |
| 3/13/2016 0:13 | 73.0090741 Winding up 695050 ticks | | 3 | | | | | | |
| 3/13/2016 0:13 | 73.0093750 Rewinding | | 5 | 13757 | -0.14 | -65.58 | -28.56 | 6.84 | 789 | 765 |
| 3/13/2016 0:14 | 73.0097222 Rewinding | | 5 | 13757 | -0.15 | -65.58 | -29.31 | 6.79 | 761 | 758 |
| 3/13/2016 0:14 | 73.0100694 Rewinding | | 5 | 13757 | -0.14 | -65.58 | -30.06 | 6.81 | 762 | 760 |
| 3/13/2016 0:15 | 73.0104167 Rewinding | | 5 | 13757 | -0.14 | -65.58 | -30.81 | 6.81 | 762 | 761 |
| 3/13/2016 0:15 | 73.0107639 Rewinding | | 5 | 13757 | -0.15 | -65.58 | -31.56 | 6.83 | 762 | 759 |
| 3/13/2016 0:16 | 73.0111111 Rewinding | | 5 | 13757 | -0.14 | -65.58 | -32.31 | 6.84 | 762 | 752 |
| 3/13/2016 0:16 | 73.0114583 Rewinding | | 5 | 13757 | -0.14 | -65.58 | -33.06 | 6.83 | 762 | 751 |
| 3/13/2016 0:17 | 73.0118056 Rewinding | | 5 | 13757 | -0.14 | -65.58 | -33.81 | 6.83 | 762 | 749 |
| 3/13/2016 0:17 | 73.0121528 Rewinding | | 5 | 13757 | -0.15 | -65.58 | -34.56 | 6.83 | 762 | 749 |
| 3/13/2016 0:18 | 73.0125000 Rewinding | | 5 | 13757 | -0.14 | -65.58 | -35.31 | 6.84 | 762 | 747 |
| 3/13/2016 0:18 | 73.0128472 Rewinding | | 5 | 13757 | -0.13 | -65.58 | -36.06 | 6.86 | 762 | 747 |
| 3/13/2016 0:19 | 73.0131944 Rewinding | | 5 | 13757 | -0.13 | -65.58 | -36.81 | 6.81 | 762 | 748 |
| 3/13/2016 0:19 | 73.0135417 Rewinding | | 5 | 13757 | -0.14 | -65.58 | -37.56 | 6.86 | 762 | 749 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:20 | 73.0138889 | Rewinding | 5 | 13757 | -0.14 | -65.58 | -38.31 | 6.84 | 762 | 749 |
| 3/13/2016 0:20 | 73.0142361 | Rewinding | 5 | 13757 | -0.14 | -65.58 | -39.06 | 6.86 | 762 | 751 |
| 3/13/2016 0:21 | 73.0145833 | Rewinding | 5 | 13757 | -0.14 | -65.58 | -39.81 | 6.84 | 762 | 748 |
| 3/13/2016 0:21 | 73.0149306 | Rewinding | 5 | 13757 | -0.15 | -65.58 | -40.56 | 6.84 | 762 | 744 |
| 3/13/2016 0:22 | 73.0152778 | Rewinding | 5 | 13757 | -0.15 | -65.58 | -41.31 | 6.83 | 762 | 745 |
| 3/13/2016 0:22 | 73.0153588 | Manual stop | 5 | | | | | | |
| 3/13/2016 0:22 | 73.0153588 | State 1 (IDLE) | 5 | | | | | | |

DPS1-3

| Timestamp | Julian Date | State/even | Code | Elapsed | Pressure D | Line Deplo | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 2:40 | 73.1111111 | Deploymer | 1 | | | | | | | | | | | | |
| 3/13/2016 2:40 | 73.1114583 | Deploying | 2 | 30 | 0.87 | 0 | 0.02 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:41 | 73.1118056 | Deploying | 2 | 60 | 0.87 | 0 | 0.04 | 7.68 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:41 | 73.1121528 | Deploying | 2 | 90 | 0.87 | 0 | 0.06 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:42 | 73.1125000 | Deploying | 2 | 120 | 0.87 | 0 | 0.08 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:42 | 73.1128472 | Deploying | 2 | 150 | 0.88 | 0 | 0.09 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:43 | 73.1131944 | Deploying | 2 | 180 | 0.87 | 0 | 0.11 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:43 | 73.1135417 | Deploying | 2 | 210 | 0.87 | 0 | 0.13 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:44 | 73.1138889 | Deploying | 2 | 240 | 0.87 | 0 | 0.14 | 7.68 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:44 | 73.1142361 | Deploying | 2 | 270 | 0.87 | 0 | 0.16 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:45 | 73.1145833 | Deploying | 2 | 300 | 0.87 | 0 | 0.18 | 7.68 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:45 | 73.1149306 | Deploying | 2 | 330 | 0.87 | 0 | 0.19 | 7.68 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 2:46 | 73.1152778 | Deploying | 2 | 360 | 0.87 | 0 | 0.21 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:46 | 73.1156250 | Deploying | 2 | 390 | 0.87 | 0 | 0.23 | 7.68 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:47 | 73.1159722 | Deploying | 2 | 420 | 0.87 | 0 | 0.25 | 7.68 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:47 | 73.1163194 | Deploying | 2 | 450 | 0.86 | 0 | 0.26 | 7.7 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:48 | 73.1166667 | Deploying | 2 | 480 | 0.87 | 0 | 0.28 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:48 | 73.1170139 | Deploying | 2 | 510 | 0.87 | 0 | 0.3 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:49 | 73.1173611 | Deploying | 2 | 540 | 0.87 | 0 | 0.31 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:49 | 73.1177083 | Deploying | 2 | 570 | 0.87 | 0 | 0.33 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:50 | 73.1180556 | Deploying | 2 | 600 | 0.87 | 0 | 0.35 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:50 | 73.1184028 | Deploying | 2 | 630 | 0.87 | 0 | 0.36 | 7.68 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:51 | 73.1187500 | Deploying | 2 | 660 | 0.88 | 0 | 0.38 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:51 | 73.1190972 | Deploying | 2 | 690 | 0.87 | 0 | 0.4 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:52 | 73.1194444 | Deploying | 2 | 720 | 0.87 | 0 | 0.42 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:52 | 73.1197917 | Deploying | 2 | 750 | 0.87 | 0 | 0.43 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:53 | 73.1201389 | Deploying | 2 | 780 | 0.87 | 0 | 0.45 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:53 | 73.1204861 | Deploying | 2 | 810 | 0.88 | 0 | 0.47 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:54 | 73.1208333 | Deploying | 2 | 840 | 0.87 | 0 | 0.48 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:54 | 73.1211806 | Deploying | 2 | 870 | 0.88 | 0 | 0.5 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:55 | 73.1215278 | Deploying | 2 | 900 | 0.87 | 0 | 0.52 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:55 | 73.1218750 | Deploying | 2 | 930 | 0.88 | 0 | 0.53 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:56 | 73.1222222 | Deploying | 2 | 960 | 0.87 | 0 | 0.55 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:56 | 73.1225694 | Deploying | 2 | 990 | 0.87 | 0 | 0.57 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:57 | 73.1229167 | Deploying | 2 | 1020 | 0.88 | 0 | 0.59 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:57 | 73.1232639 | Deploying | 2 | 1050 | 0.87 | 0 | 0.6 | 7.7 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:58 | 73.1236111 | Deploying | 2 | 1080 | 0.87 | 0 | 0.62 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:58 | 73.1239583 | Deploying | 2 | 1110 | 0.87 | 0 | 0.64 | 7.68 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:59 | 73.1243056 | Deploying | 2 | 1140 | 0.87 | 0 | 0.65 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:59 | 73.1246528 | Deploying | 2 | 1170 | 0.87 | 0 | 0.67 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:00 | 73.1250000 | Deploying | 2 | 1200 | 0.87 | 0 | 0.69 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:00 | 73.1253472 | Deploying | 2 | 1230 | 0.87 | 0 | 0.7 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:01 | 73.1256944 | Deploying | 2 | 1260 | 0.87 | 0 | 0.72 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |

| 3/13/2016 3:01 | 73.1260417 | Deploying | 2 | 1290 | 0.87 | 0 | 0.74 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 3:02 | 73.1263889 | Deploying | 2 | 1320 | 0.87 | 0 | 0.76 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:02 | 73.1267361 | Deploying | 2 | 1350 | 0.87 | 0 | 0.77 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:03 | 73.1270833 | Deploying | 2 | 1380 | 0.87 | 0 | 0.79 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:03 | 73.1274306 | Deploying | 2 | 1410 | 0.87 | 0 | 0.81 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:04 | 73.1277778 | Deploying | 2 | 1440 | 0.87 | 0 | 0.82 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:04 | 73.1281250 | Deploying | 2 | 1470 | 0.87 | 0 | 0.84 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:05 | 73.1284722 | Deploying | 2 | 1500 | 0.87 | 0 | 0.86 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:05 | 73.1288194 | Deploying | 2 | 1530 | 0.87 | 0 | 0.87 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:06 | 73.1291667 | Deploying | 2 | 1560 | 0.87 | 0 | 0.89 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:06 | 73.1295139 | Deploying | 2 | 1590 | 0.86 | 0 | 0.91 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:07 | 73.1298611 | Deploying | 2 | 1620 | 0.87 | 0 | 0.93 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:07 | 73.1299074 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:07 | 73.1302083 | Deploying | 2 | 1650 | 0.92 | 0.06 | 0.94 | 7.65 | 1837 | 1428 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:08 | 73.1305556 | Deploying | 2 | 1680 | 0.94 | 0.06 | 0.96 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:08 | 73.1309028 | Deploying | 2 | 1710 | 0.93 | 0.06 | 0.98 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:09 | 73.1312500 | Deploying | 2 | 1740 | 0.94 | 0.06 | 0.99 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:09 | 73.1313194 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:09 | 73.1315972 | Deploying | 2 | 1770 | 0.98 | 0.12 | 1.01 | 7.63 | 2120 | 1504 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:10 | 73.1319444 | Deploying | 2 | 1800 | 1 | 0.12 | 1.03 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:10 | 73.1322917 | Deploying | 2 | 1830 | 1 | 0.12 | 1.04 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:11 | 73.1326389 | Deploying | 2 | 1860 | 1 | 0.12 | 1.06 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:11 | 73.1327083 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:11 | 73.1329861 | Deploying | 2 | 1890 | 1.06 | 0.18 | 1.08 | 7.63 | 2112 | 1516 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:12 | 73.1333333 | Deploying | 2 | 1920 | 1.08 | 0.18 | 1.1 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:12 | 73.1336806 | Deploying | 2 | 1950 | 1.08 | 0.18 | 1.11 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:13 | 73.1340278 | Deploying | 2 | 1980 | 1.08 | 0.18 | 1.13 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:13 | 73.1342014 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:13 | 73.1343750 | Deploying | 2 | 2010 | 1.11 | 0.24 | 1.15 | 7.65 | 2032 | 1501 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:14 | 73.1347222 | Deploying | 2 | 2040 | 1.13 | 0.24 | 1.16 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:14 | 73.1350694 | Deploying | 2 | 2070 | 1.14 | 0.24 | 1.18 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:15 | 73.1354167 | Deploying | 2 | 2100 | 1.14 | 0.24 | 1.2 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:15 | 73.1355556 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:15 | 73.1357639 | Deploying | 2 | 2130 | 1.18 | 0.3 | 1.21 | 7.65 | 2094 | 1510 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:16 | 73.1361111 | Deploying | 2 | 2160 | 1.21 | 0.3 | 1.23 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:16 | 73.1364583 | Deploying | 2 | 2190 | 1.21 | 0.3 | 1.25 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:17 | 73.1368056 | Deploying | 2 | 2220 | 1.21 | 0.3 | 1.27 | 7.68 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:17 | 73.1368171 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:17 | 73.1371528 | Deploying | 2 | 2250 | 1.27 | 0.35 | 1.28 | 7.63 | 2070 | 1515 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 3:18 | 73.1375000 | Deploying | 2 | 2280 | 1.27 | 0.35 | 1.3 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:18 | 73.1378472 | Deploying | 2 | 2310 | 1.27 | 0.35 | 1.32 | 7.62 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 3:18 | 73.1381019 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:19 | 73.1381944 | Deploying | 2 | 2340 | 1.28 | 0.41 | 1.33 | 7.65 | 2014 | 1504 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 3:19 | 73.1385417 | Deploying | 2 | 2370 | 1.34 | 0.41 | 1.35 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 3:20 | 73.1388889 | Deploying | 2 | 2400 | 1.34 | 0.41 | 1.37 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:20 | 73.1392361 | Deploying | 2 | 2430 | 1.33 | 0.41 | 1.38 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:20 | 73.1393750 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:21 | 73.1395833 | Deploying | 2 | 2460 | 1.37 | 0.47 | 1.4 | 7.65 | 2087 | 1539 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:21 | 73.1399306 | Deploying | 2 | 2490 | 1.41 | 0.47 | 1.42 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:22 | 73.1402778 | Deploying | 2 | 2520 | 1.41 | 0.47 | 1.44 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:22 | 73.1406250 | Deploying | 2 | 2550 | 1.4 | 0.47 | 1.45 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:22 | 73.1409491 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:23 | 73.1409722 | Deploying | 2 | 2580 | 1.41 | 0.53 | 1.47 | 7.63 | 2039 | 1518 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:23 | 73.1413194 | Deploying | 2 | 2610 | 1.48 | 0.53 | 1.49 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:24 | 73.1416667 | Deploying | 2 | 2640 | 1.46 | 0.53 | 1.5 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:24 | 73.1420139 | Deploying | 2 | 2670 | 1.47 | 0.53 | 1.52 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:24 | 73.1421528 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:25 | 73.1423611 | Deploying | 2 | 2700 | 1.51 | 0.59 | 1.54 | 7.67 | 2181 | 1552 | 0 | -3 | -1 | -1 | -1 |
| 3/13/2016 3:25 | 73.1427083 | Deploying | 2 | 2730 | 1.53 | 0.59 | 1.55 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:26 | 73.1430556 | Deploying | 2 | 2760 | 1.53 | 0.59 | 1.57 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:26 | 73.1434028 | Deploying | 2 | 2790 | 1.54 | 0.59 | 1.59 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:26 | 73.1436227 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:27 | 73.1437500 | Deploying | 2 | 2820 | 1.56 | 0.64 | 1.61 | 7.63 | 2052 | 1535 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:27 | 73.1440972 | Deploying | 2 | 2850 | 1.61 | 0.64 | 1.62 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:28 | 73.1444444 | Deploying | 2 | 2880 | 1.6 | 0.64 | 1.64 | 7.67 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:28 | 73.1447917 | Deploying | 2 | 2910 | 1.6 | 0.64 | 1.66 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:28 | 73.1448843 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:29 | 73.1451389 | Deploying | 2 | 2940 | 1.65 | 0.7 | 1.67 | 7.63 | 2075 | 1533 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:29 | 73.1454861 | Deploying | 2 | 2970 | 1.67 | 0.7 | 1.69 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:30 | 73.1458333 | Deploying | 2 | 3000 | 1.66 | 0.7 | 1.71 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:30 | 73.1461806 | Deploying | 2 | 3030 | 1.66 | 0.7 | 1.72 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:30 | 73.1462847 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:31 | 73.1465278 | Deploying | 2 | 3060 | 1.71 | 0.76 | 1.74 | 7.63 | 2232 | 1561 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:31 | 73.1468750 | Deploying | 2 | 3090 | 1.74 | 0.76 | 1.76 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:32 | 73.1472222 | Deploying | 2 | 3120 | 1.74 | 0.76 | 1.78 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:32 | 73.1475694 | Deploying | 2 | 3150 | 1.74 | 0.76 | 1.79 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:32 | 73.1476968 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:33 | 73.1479167 | Deploying | 2 | 3180 | 1.77 | 0.82 | 1.81 | 7.65 | 2119 | 1524 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:33 | 73.1482639 | Deploying | 2 | 3210 | 1.79 | 0.82 | 1.83 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:34 | 73.1486111 | Deploying | 2 | 3240 | 1.81 | 0.82 | 1.84 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:34 | 73.1489583 | Deploying | 2 | 3270 | 1.8 | 0.82 | 1.86 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:34 | 73.1490278 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:35 | 73.1493056 | Deploying | 2 | 3300 | 1.86 | 0.89 | 1.88 | 7.63 | 2117 | 1541 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:35 | 73.1496528 | Deploying | 2 | 3330 | 1.88 | 0.89 | 1.89 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:36 | 73.1500000 | Deploying | 2 | 3360 | 1.88 | 0.89 | 1.91 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:36 | 73.1503472 | Deploying | 2 | 3390 | 1.88 | 0.89 | 1.93 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:36 | 73.1506250 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:37 | 73.1506944 | Deploying | 2 | 3420 | 1.89 | 0.95 | 1.95 | 7.67 | 2073 | 1530 | 0 | -2 | -2 | -2 | -2 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 3:37 | 73.1510417 | Deploying | 2 | 3450 | 1.95 | 0.95 | 1.96 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:38 | 73.1513889 | Deploying | 2 | 3480 | 1.95 | 0.95 | 1.98 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:38 | 73.1517361 | Deploying | 2 | 3510 | 1.95 | 0.95 | 2 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:38 | 73.1520718 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:39 | 73.1520833 | Deploying | 2 | 3540 | 1.95 | 1.01 | 2.01 | 7.65 | 2190 | 1510 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:39 | 73.1524306 | Deploying | 2 | 3570 | 2.02 | 1.01 | 2.03 | 7.63 | 2190 | 8 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:40 | 73.1527778 | Deploying | 2 | 3600 | 2.02 | 1.01 | 2.05 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:40 | 73.1531250 | Deploying | 2 | 3630 | 2.03 | 1.01 | 2.06 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:41 | 73.1534722 | Deploying | 2 | 3660 | 2.01 | 1.01 | 2.08 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:41 | 73.1535185 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:41 | 73.1538194 | Deploying | 2 | 3690 | 2.09 | 1.08 | 2.1 | 7.63 | 2104 | 1547 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:42 | 73.1541667 | Deploying | 2 | 3720 | 2.1 | 1.08 | 2.12 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:42 | 73.1545139 | Deploying | 2 | 3750 | 2.1 | 1.08 | 2.13 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:43 | 73.1548611 | Deploying | 2 | 3780 | 2.1 | 1.08 | 2.15 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:43 | 73.1550579 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:43 | 73.1552083 | Deploying | 2 | 3810 | 2.13 | 1.14 | 2.17 | 7.65 | 2142 | 1566 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:44 | 73.1555556 | Deploying | 2 | 3840 | 2.17 | 1.14 | 2.18 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:44 | 73.1559028 | Deploying | 2 | 3870 | 2.16 | 1.14 | 2.2 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:45 | 73.1562500 | Deploying | 2 | 3900 | 2.16 | 1.14 | 2.22 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:45 | 73.1564005 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:45 | 73.1565972 | Deploying | 2 | 3930 | 2.2 | 1.19 | 2.23 | 7.62 | 2120 | 1550 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:46 | 73.1569444 | Deploying | 2 | 3960 | 2.22 | 1.19 | 2.25 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:46 | 73.1572917 | Deploying | 2 | 3990 | 2.23 | 1.19 | 2.27 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:47 | 73.1576389 | Deploying | 2 | 4020 | 2.23 | 1.19 | 2.29 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:47 | 73.1577431 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:47 | 73.1579861 | Deploying | 2 | 4050 | 2.27 | 1.25 | 2.3 | 7.62 | 2175 | 1523 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:48 | 73.1583333 | Deploying | 2 | 4080 | 2.3 | 1.25 | 2.32 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:48 | 73.1586806 | Deploying | 2 | 4110 | 2.3 | 1.25 | 2.34 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:49 | 73.1590278 | Deploying | 2 | 4140 | 2.3 | 1.25 | 2.35 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:49 | 73.1590972 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:49 | 73.1593750 | Deploying | 2 | 4170 | 2.34 | 1.31 | 2.37 | 7.63 | 2050 | 1543 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 3:50 | 73.1597222 | Deploying | 2 | 4200 | 2.36 | 1.31 | 2.39 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:50 | 73.1600694 | Deploying | 2 | 4230 | 2.36 | 1.31 | 2.4 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:51 | 73.1604167 | Deploying | 2 | 4260 | 2.36 | 1.31 | 2.42 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:51 | 73.1604630 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:51 | 73.1607639 | Deploying | 2 | 4290 | 2.42 | 1.38 | 2.44 | 7.62 | 2123 | 1538 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:52 | 73.1611111 | Deploying | 2 | 4320 | 2.43 | 1.38 | 2.46 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:52 | 73.1614583 | Deploying | 2 | 4350 | 2.43 | 1.38 | 2.47 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:52 | 73.1617940 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 3:53 | 73.1618056 | Deploying | 2 | 4380 | 2.43 | 1.43 | 2.49 | 7.62 | 2107 | 1530 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:53 | 73.1621528 | Deploying | 2 | 4410 | 2.49 | 1.43 | 2.51 | 7.65 | 2107 | 7 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:54 | 73.1625000 | Deploying | 2 | 4440 | 2.49 | 1.43 | 2.52 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:54 | 73.1628472 | Deploying | 2 | 4470 | 2.49 | 1.43 | 2.54 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:55 | 73.1631944 | Deploying | 2 | 4500 | 2.5 | 1.43 | 2.56 | 7.62 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |

| Date/Time | Value | Status | Code | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 3:55 | 73.1632292 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 3:55 | 73.1635417 | Deploying | 2 | 4530 | 2.55 | 1.49 | 2.57 | 7.6 | 2054 | 1517 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:56 | 73.1638889 | Deploying | 2 | 4560 | 2.56 | 1.49 | 2.59 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:56 | 73.1642361 | Deploying | 2 | 4590 | 2.56 | 1.49 | 2.61 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:56 | 73.1643866 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 3:57 | 73.1645833 | Deploying | 2 | 4620 | 2.6 | 1.55 | 2.63 | 7.62 | 2051 | 1526 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 3:57 | 73.1649306 | Deploying | 2 | 4650 | 2.62 | 1.55 | 2.64 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:58 | 73.1652778 | Deploying | 2 | 4680 | 2.63 | 1.55 | 2.66 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:58 | 73.1656250 | Deploying | 2 | 4710 | 2.63 | 1.55 | 2.68 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 3:58 | 73.1659028 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 3:59 | 73.1659722 | Deploying | 2 | 4740 | 2.64 | 1.61 | 2.69 | 7.59 | 2023 | 1509 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 3:59 | 73.1663194 | Deploying | 2 | 4770 | 2.69 | 1.61 | 2.71 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:00 | 73.1666667 | Deploying | 2 | 4800 | 2.69 | 1.61 | 2.73 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:00 | 73.1670139 | Deploying | 2 | 4830 | 2.69 | 1.61 | 2.74 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:00 | 73.1670833 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:01 | 73.1673611 | Deploying | 2 | 4860 | 2.74 | 1.67 | 2.76 | 7.63 | 2018 | 1511 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:01 | 73.1677083 | Deploying | 2 | 4890 | 2.75 | 1.67 | 2.78 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:02 | 73.1680556 | Deploying | 2 | 4920 | 2.76 | 1.67 | 2.8 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:02 | 73.1684028 | Deploying | 2 | 4950 | 2.76 | 1.67 | 2.81 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:02 | 73.1686690 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:03 | 73.1687500 | Deploying | 2 | 4980 | 2.77 | 1.73 | 2.83 | 7.62 | 2090 | 1515 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:03 | 73.1690972 | Deploying | 2 | 5010 | 2.82 | 1.73 | 2.85 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:04 | 73.1694444 | Deploying | 2 | 5040 | 2.82 | 1.73 | 2.86 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:04 | 73.1697917 | Deploying | 2 | 5070 | 2.82 | 1.73 | 2.88 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:04 | 73.1698380 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:05 | 73.1701389 | Deploying | 2 | 5100 | 2.88 | 1.79 | 2.9 | 7.65 | 2022 | 1483 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:05 | 73.1704861 | Deploying | 2 | 5130 | 2.89 | 1.79 | 2.91 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:06 | 73.1708333 | Deploying | 2 | 5160 | 2.89 | 1.79 | 2.93 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:06 | 73.1711227 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:06 | 73.1711806 | Deploying | 2 | 5190 | 2.89 | 1.85 | 2.95 | 7.63 | 2076 | 1503 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:07 | 73.1715278 | Deploying | 2 | 5220 | 2.96 | 1.85 | 2.97 | 7.65 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:07 | 73.1718750 | Deploying | 2 | 5250 | 2.96 | 1.85 | 2.98 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:08 | 73.1722222 | Deploying | 2 | 5280 | 2.96 | 1.85 | 3 | 7.62 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 4:08 | 73.1725694 | Deploying | 2 | 5310 | 2.95 | 1.85 | 3.02 | 7.62 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:08 | 73.1726389 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:09 | 73.1729167 | Deploying | 2 | 5340 | 3.01 | 1.91 | 3.03 | 7.63 | 2024 | 1508 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:09 | 73.1732639 | Deploying | 2 | 5370 | 3.02 | 1.91 | 3.05 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:10 | 73.1736111 | Deploying | 2 | 5400 | 3.03 | 1.91 | 3.07 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:10 | 73.1739583 | Deploying | 2 | 5430 | 3.02 | 1.91 | 3.08 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:10 | 73.1739583 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:11 | 73.1743056 | Deploying | 2 | 5460 | 3.09 | 1.97 | 3.1 | 7.63 | 2061 | 1500 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:11 | 73.1746528 | Deploying | 2 | 5490 | 3.09 | 1.97 | 3.12 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:12 | 73.1750000 | Deploying | 2 | 5520 | 3.1 | 1.97 | 3.14 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:12 | 73.1753472 | Deploying | 2 | 5550 | 3.1 | 1.97 | 3.15 | 7.6 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:12 | 73.1754051 Winding dc | 3 | | | | | | | | | | | | | |
| 3/13/2016 4:13 | 73.1756944 Deploying | 2 | 5580 | 3.15 | 2.03 | 3.17 | 7.6 | 2095 | 1506 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 4:13 | 73.1760417 Deploying | 2 | 5610 | 3.16 | 2.03 | 3.19 | 7.62 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:14 | 73.1763889 Deploying | 2 | 5640 | 3.16 | 2.03 | 3.2 | 7.62 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:14 | 73.1767361 Deploying | 2 | 5670 | 3.15 | 2.03 | 3.22 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:14 | 73.1767708 Winding dc | 3 | | | | | | | | | | | | | |
| 3/13/2016 4:15 | 73.1770833 Deploying | 2 | 5700 | 3.23 | 2.1 | 3.24 | 7.63 | 2073 | 1524 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:15 | 73.1774306 Deploying | 2 | 5730 | 3.23 | 2.1 | 3.25 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:16 | 73.1777778 Deploying | 2 | 5760 | 3.22 | 2.1 | 3.27 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:16 | 73.1779977 Winding dc | 3 | | | | | | | | | | | | | |
| 3/13/2016 4:16 | 73.1781250 Deploying | 2 | 5790 | 3.25 | 2.15 | 3.29 | 7.62 | 1964 | 1497 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:17 | 73.1784722 Deploying | 2 | 5820 | 3.28 | 2.15 | 3.31 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:17 | 73.1788194 Deploying | 2 | 5850 | 3.29 | 2.15 | 3.32 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:18 | 73.1791667 Deploying | 2 | 5880 | 3.29 | 2.15 | 3.34 | 7.62 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:18 | 73.1793866 Winding dc | 3 | | | | | | | | | | | | | |
| 3/13/2016 4:18 | 73.1795139 Deploying | 2 | 5910 | 3.31 | 2.21 | 3.36 | 7.62 | 2013 | 1506 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:19 | 73.1798611 Deploying | 2 | 5940 | 3.36 | 2.21 | 3.37 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:19 | 73.1802083 Deploying | 2 | 5970 | 3.36 | 2.21 | 3.39 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:20 | 73.1805556 Deploying | 2 | 6000 | 3.36 | 2.21 | 3.41 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:20 | 73.1808796 Winding dc | 3 | | | | | | | | | | | | | |
| 3/13/2016 4:20 | 73.1809028 Deploying | 2 | 6030 | 3.36 | 2.27 | 3.42 | 7.56 | 2094 | 1507 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:21 | 73.1812500 Deploying | 2 | 6060 | 3.43 | 2.27 | 3.44 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:21 | 73.1815972 Deploying | 2 | 6090 | 3.44 | 2.27 | 3.46 | 7.62 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:22 | 73.1819444 Deploying | 2 | 6120 | 3.43 | 2.27 | 3.48 | 7.62 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 4:22 | 73.1821991 Winding dc | 3 | | | | | | | | | | | | | |
| 3/13/2016 4:22 | 73.1822917 Deploying | 2 | 6150 | 3.44 | 2.33 | 3.49 | 7.63 | 2195 | 1534 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:23 | 73.1826389 Deploying | 2 | 6180 | 3.48 | 2.33 | 3.51 | 7.6 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 4:23 | 73.1829861 Deploying | 2 | 6210 | 3.49 | 2.33 | 3.53 | 7.6 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 4:24 | 73.1833333 Deploying | 2 | 6240 | 3.49 | 2.33 | 3.54 | 7.62 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 4:24 | 73.1834144 Winding dc | 3 | | | | | | | | | | | | | |
| 3/13/2016 4:24 | 73.1836806 Deploying | 2 | 6270 | 3.54 | 2.39 | 3.56 | 7.62 | 2107 | 1507 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:25 | 73.1840278 Deploying | 2 | 6300 | 3.56 | 2.39 | 3.58 | 7.63 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:25 | 73.1843750 Deploying | 2 | 6330 | 3.56 | 2.39 | 3.59 | 7.62 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:26 | 73.1847222 Deploying | 2 | 6360 | 3.56 | 2.39 | 3.61 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:26 | 73.1849769 Winding dc | 3 | | | | | | | | | | | | | |
| 3/13/2016 4:26 | 73.1850694 Deploying | 2 | 6390 | 3.57 | 2.46 | 3.63 | 7.62 | 2037 | 1533 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:27 | 73.1854167 Deploying | 2 | 6420 | 3.62 | 2.46 | 3.65 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:27 | 73.1857639 Deploying | 2 | 6450 | 3.62 | 2.46 | 3.66 | 7.63 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 4:27 | 73.1860880 Winding dc | 3 | | | | | | | | | | | | | |
| 3/13/2016 4:28 | 73.1861111 Deploying | 2 | 6480 | 3.63 | 2.51 | 3.68 | 7.57 | 2107 | 1532 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:28 | 73.1864583 Deploying | 2 | 6510 | 3.69 | 2.51 | 3.7 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:29 | 73.1868056 Deploying | 2 | 6540 | 3.69 | 2.51 | 3.71 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:29 | 73.1871528 Deploying | 2 | 6570 | 3.69 | 2.51 | 3.73 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:30 | 73.1875000 Deploying | 2 | 6600 | 3.7 | 2.51 | 3.75 | 7.59 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:30 | 73.1878472 | Deploying | 2 | 6630 | 3.7 | 2.51 | 3.76 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:30 | 73.1878472 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 4:31 | 73.1881944 | Deploying | 2 | 6660 | 3.76 | 2.58 | 3.78 | 7.6 | 2065 | 1513 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:31 | 73.1885417 | Deploying | 2 | 6690 | 3.77 | 2.58 | 3.8 | 7.62 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:32 | 73.1888889 | Deploying | 2 | 6720 | 3.76 | 2.58 | 3.82 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:32 | 73.1889931 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 4:32 | 73.1892361 | Deploying | 2 | 6750 | 3.81 | 2.63 | 3.83 | 7.62 | 2033 | 1521 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 4:33 | 73.1895833 | Deploying | 2 | 6780 | 3.83 | 2.63 | 3.85 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:33 | 73.1899306 | Deploying | 2 | 6810 | 3.83 | 2.63 | 3.87 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:34 | 73.1902778 | Deploying | 2 | 6840 | 3.83 | 2.63 | 3.88 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:34 | 73.1905324 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 4:34 | 73.1906250 | Deploying | 2 | 6870 | 3.84 | 2.7 | 3.9 | 7.6 | 2155 | 1506 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:35 | 73.1909722 | Deploying | 2 | 6900 | 3.91 | 2.7 | 3.92 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:35 | 73.1913194 | Deploying | 2 | 6930 | 3.91 | 2.7 | 3.93 | 7.59 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:36 | 73.1916667 | Deploying | 2 | 6960 | 3.91 | 2.7 | 3.95 | 7.62 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:36 | 73.1919560 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 4:36 | 73.1920139 | Deploying | 2 | 6990 | 3.91 | 2.77 | 3.97 | 7.62 | 2072 | 1514 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:37 | 73.1923611 | Deploying | 2 | 7020 | 3.98 | 2.77 | 3.99 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:37 | 73.1927083 | Deploying | 2 | 7050 | 3.98 | 2.77 | 4 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:38 | 73.1930556 | Deploying | 2 | 7080 | 3.97 | 2.77 | 4.02 | 7.63 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:38 | 73.1933565 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 4:38 | 73.1934028 | Deploying | 2 | 7110 | 3.99 | 2.82 | 4.04 | 7.62 | 2179 | 1501 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:39 | 73.1937500 | Deploying | 2 | 7140 | 4.04 | 2.82 | 4.05 | 7.62 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:39 | 73.1940972 | Deploying | 2 | 7170 | 4.05 | 2.82 | 4.07 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:40 | 73.1944444 | Deploying | 2 | 7200 | 4.04 | 2.82 | 4.09 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:40 | 73.1947569 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 4:40 | 73.1947917 | Deploying | 2 | 7230 | 4.05 | 2.88 | 4.1 | 7.6 | 2098 | 1519 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:41 | 73.1951389 | Deploying | 2 | 7260 | 4.1 | 2.88 | 4.12 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:41 | 73.1954861 | Deploying | 2 | 7290 | 4.1 | 2.88 | 4.14 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:42 | 73.1958333 | Deploying | 2 | 7320 | 4.1 | 2.88 | 4.16 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:42 | 73.1959375 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 4:42 | 73.1961806 | Deploying | 2 | 7350 | 4.14 | 2.94 | 4.17 | 7.6 | 2070 | 1514 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:43 | 73.1965278 | Deploying | 2 | 7380 | 4.17 | 2.94 | 4.19 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:43 | 73.1968750 | Deploying | 2 | 7410 | 4.18 | 2.94 | 4.21 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:44 | 73.1972222 | Deploying | 2 | 7440 | 4.17 | 2.94 | 4.22 | 7.62 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:44 | 73.1975000 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 4:44 | 73.1975694 | Deploying | 2 | 7470 | 4.18 | 3 | 4.24 | 7.59 | 2137 | 1509 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:45 | 73.1979167 | Deploying | 2 | 7500 | 4.25 | 3 | 4.26 | 7.59 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:45 | 73.1982639 | Deploying | 2 | 7530 | 4.25 | 3 | 4.27 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:46 | 73.1986111 | Deploying | 2 | 7560 | 4.24 | 3 | 4.29 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:46 | 73.1988079 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 4:46 | 73.1989583 | Deploying | 2 | 7590 | 4.27 | 3.06 | 4.31 | 7.59 | 2105 | 1518 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:47 | 73.1993056 | Deploying | 2 | 7620 | 4.31 | 3.06 | 4.33 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:47 | 73.1996528 | Deploying | 2 | 7650 | 4.31 | 3.06 | 4.34 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:48 | 73.2000000 | Deploying | 2 | 7680 | 4.3 | 3.06 | 4.36 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:48 | 73.2002083 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:48 | 73.2003472 | Deploying | 2 | 7710 | 4.33 | 3.13 | 4.38 | 7.6 | 2091 | 1529 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:49 | 73.2006944 | Deploying | 2 | 7740 | 4.38 | 3.13 | 4.39 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:49 | 73.2010417 | Deploying | 2 | 7770 | 4.38 | 3.13 | 4.41 | 7.59 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/13/2016 4:50 | 73.2013889 | Deploying | 2 | 7800 | 4.39 | 3.13 | 4.43 | 7.59 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/13/2016 4:50 | 73.2017361 | Deploying | 2 | 7830 | 4.38 | 3.13 | 4.44 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:50 | 73.2018403 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:51 | 73.2020833 | Deploying | 2 | 7860 | 4.43 | 3.19 | 4.46 | 7.6 | 2062 | 1526 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:51 | 73.2024306 | Deploying | 2 | 7890 | 4.45 | 3.19 | 4.48 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:52 | 73.2027778 | Deploying | 2 | 7920 | 4.44 | 3.19 | 4.5 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:52 | 73.2029167 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:52 | 73.2031250 | Deploying | 2 | 7950 | 4.48 | 3.25 | 4.51 | 7.59 | 2068 | 1518 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:53 | 73.2034722 | Deploying | 2 | 7980 | 4.51 | 3.25 | 4.53 | 7.6 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 4:53 | 73.2038194 | Deploying | 2 | 8010 | 4.52 | 3.25 | 4.55 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 4:54 | 73.2041667 | Deploying | 2 | 8040 | 4.51 | 3.25 | 4.56 | 7.57 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 4:54 | 73.2044676 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:54 | 73.2045139 | Deploying | 2 | 8070 | 4.52 | 3.31 | 4.58 | 7.62 | 2038 | 1518 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 4:55 | 73.2048611 | Deploying | 2 | 8100 | 4.57 | 3.31 | 4.6 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:55 | 73.2052083 | Deploying | 2 | 8130 | 4.58 | 3.31 | 4.61 | 7.59 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:56 | 73.2055556 | Deploying | 2 | 8160 | 4.57 | 3.31 | 4.63 | 7.59 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:56 | 73.2056250 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:56 | 73.2059028 | Deploying | 2 | 8190 | 4.63 | 3.37 | 4.65 | 7.6 | 2031 | 1513 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:57 | 73.2062500 | Deploying | 2 | 8220 | 4.65 | 3.37 | 4.67 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:57 | 73.2065972 | Deploying | 2 | 8250 | 4.65 | 3.37 | 4.68 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:58 | 73.2069444 | Deploying | 2 | 8280 | 4.65 | 3.37 | 4.7 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:58 | 73.2070486 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 4:58 | 73.2072917 | Deploying | 2 | 8310 | 4.69 | 3.43 | 4.72 | 7.59 | 2057 | 1517 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 4:59 | 73.2076389 | Deploying | 2 | 8340 | 4.71 | 3.43 | 4.73 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 4:59 | 73.2079861 | Deploying | 2 | 8370 | 4.71 | 3.43 | 4.75 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:00 | 73.2083333 | Deploying | 2 | 8400 | 4.72 | 3.43 | 4.77 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:00 | 73.2085069 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:00 | 73.2086806 | Deploying | 2 | 8430 | 4.75 | 3.49 | 4.78 | 7.59 | 2001 | 1511 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 5:01 | 73.2090278 | Deploying | 2 | 8460 | 4.78 | 3.49 | 4.8 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:01 | 73.2093750 | Deploying | 2 | 8490 | 4.78 | 3.49 | 4.82 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:02 | 73.2097222 | Deploying | 2 | 8520 | 4.77 | 3.49 | 4.84 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:02 | 73.2098264 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:02 | 73.2100694 | Deploying | 2 | 8550 | 4.83 | 3.55 | 4.85 | 7.56 | 2016 | 1528 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:03 | 73.2104167 | Deploying | 2 | 8580 | 4.85 | 3.55 | 4.87 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:03 | 73.2107639 | Deploying | 2 | 8610 | 4.86 | 3.55 | 4.89 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:04 | 73.2111111 | Deploying | 2 | 8640 | 4.85 | 3.55 | 4.9 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:04 | 73.2112963 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:04 | 73.2114583 | Deploying | 2 | 8670 | 4.88 | 3.61 | 4.92 | 7.59 | 2129 | 1527 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:05 | 73.2118056 | Deploying | 2 | 8700 | 4.91 | 3.61 | 4.94 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:05 | 73.2121528 | Deploying | 2 | 8730 | 4.92 | 3.61 | 4.95 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:06 | 73.2125000 | Deploying | 2 | 8760 | 4.91 | 3.61 | 4.97 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:06 | 73.2126389 | Winding dc | 3 | | | | | | | | | | | |
| 3/13/2016 5:06 | 73.2128472 | Deploying | 2 | 8790 | 4.96 | 3.68 | 4.99 | 7.6 | 2060 | 1528 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:07 | 73.2131944 | Deploying | 2 | 8820 | 4.99 | 3.68 | 5.01 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:07 | 73.2135417 | Deploying | 2 | 8850 | 4.99 | 3.68 | 5.02 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:08 | 73.2138889 | Deploying | 2 | 8880 | 4.99 | 3.68 | 5.04 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:08 | 73.2141667 | Winding dc | 3 | | | | | | | | | | | |
| 3/13/2016 5:08 | 73.2142361 | Deploying | 2 | 8910 | 5 | 3.74 | 5.06 | 7.6 | 2026 | 1527 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:09 | 73.2145833 | Deploying | 2 | 8940 | 5.06 | 3.74 | 5.07 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:09 | 73.2149306 | Deploying | 2 | 8970 | 5.06 | 3.74 | 5.09 | 7.59 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:10 | 73.2152778 | Deploying | 2 | 9000 | 5.05 | 3.74 | 5.11 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:10 | 73.2154167 | Winding dc | 3 | | | | | | | | | | | |
| 3/13/2016 5:10 | 73.2156250 | Deploying | 2 | 9030 | 5.1 | 3.8 | 5.12 | 7.6 | 2205 | 1534 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:11 | 73.2159722 | Deploying | 2 | 9060 | 5.13 | 3.8 | 5.14 | 7.59 | 0 | 0 | 0 | -1 | -4 | -2 | -4 |
| 3/13/2016 5:11 | 73.2163194 | Deploying | 2 | 9090 | 5.13 | 3.8 | 5.16 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:12 | 73.2166667 | Deploying | 2 | 9120 | 5.13 | 3.8 | 5.18 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:12 | 73.2169907 | Winding dc | 3 | | | | | | | | | | | |
| 3/13/2016 5:12 | 73.2170139 | Deploying | 2 | 9150 | 5.13 | 3.86 | 5.19 | 7.54 | 2236 | 1566 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:13 | 73.2173611 | Deploying | 2 | 9180 | 5.2 | 3.86 | 5.21 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 5:13 | 73.2177083 | Deploying | 2 | 9210 | 5.19 | 3.86 | 5.23 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:14 | 73.2180556 | Deploying | 2 | 9240 | 5.2 | 3.86 | 5.24 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:14 | 73.2183449 | Winding dc | 3 | | | | | | | | | | | |
| 3/13/2016 5:14 | 73.2184028 | Deploying | 2 | 9270 | 5.21 | 3.92 | 5.26 | 7.57 | 2152 | 1535 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:15 | 73.2187500 | Deploying | 2 | 9300 | 5.26 | 3.92 | 5.28 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:15 | 73.2190972 | Deploying | 2 | 9330 | 5.27 | 3.92 | 5.29 | 7.59 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 5:16 | 73.2194444 | Deploying | 2 | 9360 | 5.26 | 3.92 | 5.31 | 7.57 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 5:16 | 73.2196991 | Winding dc | 3 | | | | | | | | | | | |
| 3/13/2016 5:16 | 73.2197917 | Deploying | 2 | 9390 | 5.28 | 3.98 | 5.33 | 7.59 | 2140 | 1527 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:17 | 73.2201389 | Deploying | 2 | 9420 | 5.33 | 3.98 | 5.35 | 7.6 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 5:17 | 73.2204861 | Deploying | 2 | 9450 | 5.34 | 3.98 | 5.36 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:18 | 73.2208333 | Deploying | 2 | 9480 | 5.34 | 3.98 | 5.38 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:18 | 73.2211806 | Deploying | 2 | 9510 | 5.33 | 3.98 | 5.4 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 5:18 | 73.2212269 | Winding dc | 3 | | | | | | | | | | | |
| 3/13/2016 5:19 | 73.2215278 | Deploying | 2 | 9540 | 5.38 | 4.05 | 5.41 | 7.59 | 2042 | 1523 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:19 | 73.2218750 | Deploying | 2 | 9570 | 5.4 | 4.05 | 5.43 | 7.56 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 5:20 | 73.2222222 | Deploying | 2 | 9600 | 5.4 | 4.05 | 5.45 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 5:20 | 73.2225579 | Winding dc | 3 | | | | | | | | | | | |
| 3/13/2016 5:20 | 73.2225694 | Deploying | 2 | 9630 | 5.4 | 4.11 | 5.46 | 7.57 | 2037 | 1515 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:21 | 73.2229167 | Deploying | 2 | 9660 | 5.47 | 4.11 | 5.48 | 7.56 | 2037 | 5 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:21 | 73.2232639 | Deploying | 2 | 9690 | 5.47 | 4.11 | 5.5 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:22 | 73.2236111 | Deploying | 2 | 9720 | 5.46 | 4.11 | 5.52 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:22 | 73.2239005 | Winding dc | 3 | | | | | | | | | | | |
| 3/13/2016 5:22 | 73.2239583 | Deploying | 2 | 9750 | 5.48 | 4.17 | 5.53 | 7.59 | 2043 | 1508 | 0 | -3 | -2 | -2 | -2 |

| Date/Time | Value | Status | Code | N1 | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:23 | 73.2243056 | Deploying | 2 | 9780 | 5.53 | 4.17 | 5.55 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:23 | 73.2246528 | Deploying | 2 | 9810 | 5.53 | 4.17 | 5.57 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:24 | 73.2250000 | Deploying | 2 | 9840 | 5.52 | 4.17 | 5.58 | 7.57 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 5:24 | 73.2251273 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:24 | 73.2253472 | Deploying | 2 | 9870 | 5.57 | 4.23 | 5.6 | 7.59 | 2031 | 1515 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:25 | 73.2256944 | Deploying | 2 | 9900 | 5.6 | 4.23 | 5.62 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:25 | 73.2260417 | Deploying | 2 | 9930 | 5.6 | 4.23 | 5.63 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:26 | 73.2263889 | Deploying | 2 | 9960 | 5.61 | 4.23 | 5.65 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:26 | 73.2266898 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:26 | 73.2267361 | Deploying | 2 | 9990 | 5.61 | 4.29 | 5.67 | 7.59 | 2115 | 1526 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 5:27 | 73.2270833 | Deploying | 2 | 10020 | 5.67 | 4.29 | 5.69 | 7.6 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:27 | 73.2274306 | Deploying | 2 | 10050 | 5.67 | 4.29 | 5.7 | 7.56 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 5:28 | 73.2277778 | Deploying | 2 | 10080 | 5.67 | 4.29 | 5.72 | 7.57 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 5:28 | 73.2280208 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:28 | 73.2281250 | Deploying | 2 | 10110 | 5.69 | 4.35 | 5.74 | 7.59 | 2032 | 1514 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:29 | 73.2284722 | Deploying | 2 | 10140 | 5.74 | 4.35 | 5.75 | 7.57 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 5:29 | 73.2288194 | Deploying | 2 | 10170 | 5.74 | 4.35 | 5.77 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:30 | 73.2291667 | Deploying | 2 | 10200 | 5.74 | 4.35 | 5.79 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:30 | 73.2295139 | Deploying | 2 | 10230 | 5.75 | 4.35 | 5.8 | 7.57 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 5:30 | 73.2295139 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:31 | 73.2298611 | Deploying | 2 | 10260 | 5.8 | 4.41 | 5.82 | 7.59 | 2011 | 1513 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:31 | 73.2302083 | Deploying | 2 | 10290 | 5.81 | 4.41 | 5.84 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:32 | 73.2305556 | Deploying | 2 | 10320 | 5.8 | 4.41 | 5.86 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:32 | 73.2307755 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:32 | 73.2309028 | Deploying | 2 | 10350 | 5.83 | 4.47 | 5.87 | 7.56 | 2200 | 1531 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:33 | 73.2312500 | Deploying | 2 | 10380 | 5.86 | 4.47 | 5.89 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:33 | 73.2315972 | Deploying | 2 | 10410 | 5.87 | 4.47 | 5.91 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:34 | 73.2319444 | Deploying | 2 | 10440 | 5.87 | 4.47 | 5.92 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:34 | 73.2320718 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:34 | 73.2322917 | Deploying | 2 | 10470 | 5.91 | 4.54 | 5.94 | 7.57 | 2064 | 1530 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:35 | 73.2326389 | Deploying | 2 | 10500 | 5.94 | 4.54 | 5.96 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:35 | 73.2329861 | Deploying | 2 | 10530 | 5.94 | 4.54 | 5.97 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:36 | 73.2333333 | Deploying | 2 | 10560 | 5.94 | 4.54 | 5.99 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:36 | 73.2335995 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:36 | 73.2336806 | Deploying | 2 | 10590 | 5.96 | 4.59 | 6.01 | 7.57 | 2034 | 1515 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 5:37 | 73.2340278 | Deploying | 2 | 10620 | 6 | 4.59 | 6.03 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:37 | 73.2343750 | Deploying | 2 | 10650 | 6 | 4.59 | 6.04 | 7.6 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 5:38 | 73.2347222 | Deploying | 2 | 10680 | 6.01 | 4.59 | 6.06 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:38 | 73.2349074 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 5:38 | 73.2350694 | Deploying | 2 | 10710 | 6.03 | 4.66 | 6.08 | 7.57 | 2130 | 1535 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:39 | 73.2354167 | Deploying | 2 | 10740 | 6.08 | 4.66 | 6.09 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:39 | 73.2357639 | Deploying | 2 | 10770 | 6.08 | 4.66 | 6.11 | 7.57 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 5:40 | 73.2361111 | Deploying | 2 | 10800 | 6.08 | 4.66 | 6.13 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:40 | 73.2363657 | Winding do | 3 | | | | | | | | | | | | |

| Date | Value | Status | | Col | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:40 | 73.2364583 | Deploying | 2 | 10830 | 6.09 | 4.72 | 6.14 | 7.57 | 2057 | 1521 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:41 | 73.2368056 | Deploying | 2 | 10860 | 6.14 | 4.72 | 6.16 | 7.6 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:41 | 73.2371528 | Deploying | 2 | 10890 | 6.14 | 4.72 | 6.18 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:42 | 73.2375000 | Deploying | 2 | 10920 | 6.14 | 4.72 | 6.2 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:42 | 73.2376736 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 5:42 | 73.2378472 | Deploying | 2 | 10950 | 6.18 | 4.79 | 6.21 | 7.57 | 1976 | 1495 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:43 | 73.2381944 | Deploying | 2 | 10980 | 6.22 | 4.79 | 6.23 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:43 | 73.2385417 | Deploying | 2 | 11010 | 6.22 | 4.79 | 6.25 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:44 | 73.2388889 | Deploying | 2 | 11040 | 6.22 | 4.79 | 6.26 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:44 | 73.2392361 | Deploying | 2 | 11070 | 6.22 | 4.79 | 6.28 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:44 | 73.2393171 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 5:45 | 73.2395833 | Deploying | 2 | 11100 | 6.27 | 4.85 | 6.3 | 7.59 | 1983 | 1502 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:45 | 73.2399306 | Deploying | 2 | 11130 | 6.29 | 4.85 | 6.31 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:46 | 73.2402778 | Deploying | 2 | 11160 | 6.29 | 4.85 | 6.33 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:46 | 73.2406250 | Deploying | 2 | 11190 | 6.29 | 4.85 | 6.35 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:46 | 73.2406250 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 5:47 | 73.2409722 | Deploying | 2 | 11220 | 6.35 | 4.91 | 6.37 | 7.57 | 2088 | 1497 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:47 | 73.2413194 | Deploying | 2 | 11250 | 6.35 | 4.91 | 6.38 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:48 | 73.2416667 | Deploying | 2 | 11280 | 6.35 | 4.91 | 6.4 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:48 | 73.2419444 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 5:48 | 73.2420139 | Deploying | 2 | 11310 | 6.37 | 4.97 | 6.42 | 7.56 | 2011 | 1503 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:49 | 73.2423611 | Deploying | 2 | 11340 | 6.41 | 4.97 | 6.43 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:49 | 73.2427083 | Deploying | 2 | 11370 | 6.41 | 4.97 | 6.45 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:50 | 73.2430556 | Deploying | 2 | 11400 | 6.42 | 4.97 | 6.47 | 7.59 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 5:50 | 73.2432407 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 5:50 | 73.2434028 | Deploying | 2 | 11430 | 6.44 | 5.03 | 6.48 | 7.59 | 2116 | 1529 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:51 | 73.2437500 | Deploying | 2 | 11460 | 6.48 | 5.03 | 6.5 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:51 | 73.2440972 | Deploying | 2 | 11490 | 6.47 | 5.03 | 6.52 | 7.57 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 5:51 | 73.2443750 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 5:52 | 73.2444444 | Deploying | 2 | 11520 | 6.49 | 5.08 | 6.54 | 7.57 | 2190 | 1528 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:52 | 73.2447917 | Deploying | 2 | 11550 | 6.54 | 5.08 | 6.55 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:53 | 73.2451389 | Deploying | 2 | 11580 | 6.54 | 5.08 | 6.57 | 7.57 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/13/2016 5:53 | 73.2454861 | Deploying | 2 | 11610 | 6.54 | 5.08 | 6.59 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:54 | 73.2458333 | Deploying | 2 | 11640 | 6.54 | 5.08 | 6.6 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:54 | 73.2459144 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 5:54 | 73.2461806 | Deploying | 2 | 11670 | 6.59 | 5.14 | 6.62 | 7.57 | 2091 | 1529 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:55 | 73.2465278 | Deploying | 2 | 11700 | 6.61 | 5.14 | 6.64 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:55 | 73.2468750 | Deploying | 2 | 11730 | 6.61 | 5.14 | 6.65 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:55 | 73.2471991 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 5:56 | 73.2472222 | Deploying | 2 | 11760 | 6.62 | 5.2 | 6.67 | 7.51 | 2052 | 1505 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 5:56 | 73.2475694 | Deploying | 2 | 11790 | 6.67 | 5.2 | 6.69 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:57 | 73.2479167 | Deploying | 2 | 11820 | 6.67 | 5.2 | 6.71 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:57 | 73.2482639 | Deploying | 2 | 11850 | 6.67 | 5.2 | 6.72 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:57 | 73.2484606 | Winding dc | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:58 | 73.2486111 | Deploying | 2 | 11880 | 6.7 | 5.26 | 6.74 | 7.57 | 1989 | 1465 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:58 | 73.2489583 | Deploying | 2 | 11910 | 6.73 | 5.26 | 6.76 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 5:59 | 73.2493056 | Deploying | 2 | 11940 | 6.73 | 5.26 | 6.77 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:59 | 73.2496528 | Deploying | 2 | 11970 | 6.74 | 5.26 | 6.79 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 5:59 | 73.2497222 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:00 | 73.2500000 | Deploying | 2 | 12000 | 6.79 | 5.31 | 6.81 | 7.56 | 2003 | 1505 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:00 | 73.2503472 | Deploying | 2 | 12030 | 6.79 | 5.31 | 6.82 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:01 | 73.2506944 | Deploying | 2 | 12060 | 6.79 | 5.31 | 6.84 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:01 | 73.2510417 | Deploying | 2 | 12090 | 6.79 | 5.31 | 6.86 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:01 | 73.2510532 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:02 | 73.2513889 | Deploying | 2 | 12120 | 6.86 | 5.38 | 6.88 | 7.59 | 2035 | 1492 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:02 | 73.2517361 | Deploying | 2 | 12150 | 6.86 | 5.38 | 6.89 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:03 | 73.2520833 | Deploying | 2 | 12180 | 6.86 | 5.38 | 6.91 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:03 | 73.2524306 | Deploying | 2 | 12210 | 6.87 | 5.38 | 6.93 | 7.6 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:03 | 73.2525579 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:04 | 73.2527778 | Deploying | 2 | 12240 | 6.9 | 5.44 | 6.94 | 7.54 | 2021 | 1518 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:04 | 73.2531250 | Deploying | 2 | 12270 | 6.93 | 5.44 | 6.96 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:05 | 73.2534722 | Deploying | 2 | 12300 | 6.93 | 5.44 | 6.98 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:05 | 73.2536806 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:05 | 73.2538194 | Deploying | 2 | 12330 | 6.96 | 5.49 | 6.99 | 7.57 | 2108 | 1506 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:06 | 73.2541667 | Deploying | 2 | 12360 | 6.99 | 5.49 | 7.01 | 7.56 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 6:06 | 73.2545139 | Deploying | 2 | 12390 | 6.99 | 5.49 | 7.03 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:07 | 73.2548611 | Deploying | 2 | 12420 | 6.99 | 5.49 | 7.05 | 7.57 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 6:07 | 73.2550926 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:07 | 73.2552083 | Deploying | 2 | 12450 | 7.01 | 5.55 | 7.06 | 7.57 | 2080 | 1532 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:08 | 73.2555556 | Deploying | 2 | 12480 | 7.06 | 5.55 | 7.08 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:08 | 73.2559028 | Deploying | 2 | 12510 | 7.06 | 5.55 | 7.1 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:09 | 73.2562500 | Deploying | 2 | 12540 | 7.06 | 5.55 | 7.11 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:09 | 73.2563889 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:09 | 73.2565972 | Deploying | 2 | 12570 | 7.1 | 5.62 | 7.13 | 7.56 | 2080 | 1531 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:10 | 73.2569444 | Deploying | 2 | 12600 | 7.13 | 5.62 | 7.15 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:10 | 73.2572917 | Deploying | 2 | 12630 | 7.13 | 5.62 | 7.16 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:11 | 73.2576389 | Deploying | 2 | 12660 | 7.13 | 5.62 | 7.18 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:11 | 73.2578819 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:11 | 73.2579861 | Deploying | 2 | 12690 | 7.16 | 5.68 | 7.2 | 7.57 | 2105 | 1531 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:12 | 73.2583333 | Deploying | 2 | 12720 | 7.2 | 5.68 | 7.22 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:12 | 73.2586806 | Deploying | 2 | 12750 | 7.21 | 5.68 | 7.23 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:13 | 73.2590278 | Deploying | 2 | 12780 | 7.19 | 5.68 | 7.25 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:13 | 73.2592130 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:13 | 73.2593750 | Deploying | 2 | 12810 | 7.22 | 5.74 | 7.27 | 7.56 | 2006 | 1514 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 6:14 | 73.2597222 | Deploying | 2 | 12840 | 7.27 | 5.74 | 7.28 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:14 | 73.2600694 | Deploying | 2 | 12870 | 7.27 | 5.74 | 7.3 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:15 | 73.2604167 | Deploying | 2 | 12900 | 7.27 | 5.74 | 7.32 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:15 | 73.2607176 | Winding dc | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:15 | 73.2607639 | Deploying | 2 | 12930 | 7.28 | 5.81 | 7.33 | 7.57 | 2042 | 1519 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:16 | 73.2611111 | Deploying | 2 | 12960 | 7.34 | 5.81 | 7.35 | 7.57 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 6:16 | 73.2614583 | Deploying | 2 | 12990 | 7.34 | 5.81 | 7.37 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:17 | 73.2618056 | Deploying | 2 | 13020 | 7.34 | 5.81 | 7.39 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:17 | 73.2620833 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:17 | 73.2621528 | Deploying | 2 | 13050 | 7.35 | 5.86 | 7.4 | 7.56 | 2079 | 1532 | 0 | -3 | -1 | -1 | -1 |
| 3/13/2016 6:18 | 73.2625000 | Deploying | 2 | 13080 | 7.4 | 5.86 | 7.42 | 7.54 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 6:18 | 73.2628472 | Deploying | 2 | 13110 | 7.4 | 5.86 | 7.44 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:19 | 73.2631944 | Deploying | 2 | 13140 | 7.4 | 5.86 | 7.45 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 6:19 | 73.2633218 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:19 | 73.2635417 | Deploying | 2 | 13170 | 7.44 | 5.92 | 7.47 | 7.6 | 2098 | 1516 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:20 | 73.2638889 | Deploying | 2 | 13200 | 7.47 | 5.92 | 7.49 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:20 | 73.2642361 | Deploying | 2 | 13230 | 7.47 | 5.92 | 7.5 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:21 | 73.2645833 | Deploying | 2 | 13260 | 7.47 | 5.92 | 7.52 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 6:21 | 73.2648032 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:21 | 73.2649306 | Deploying | 2 | 13290 | 7.49 | 5.99 | 7.54 | 7.57 | 2147 | 1525 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:22 | 73.2652778 | Deploying | 2 | 13320 | 7.53 | 5.99 | 7.56 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:22 | 73.2656250 | Deploying | 2 | 13350 | 7.53 | 5.99 | 7.57 | 7.56 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 6:23 | 73.2659722 | Deploying | 2 | 13380 | 7.54 | 5.99 | 7.59 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:23 | 73.2662153 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:23 | 73.2663194 | Deploying | 2 | 13410 | 7.55 | 6.05 | 7.61 | 7.57 | 2046 | 1522 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:24 | 73.2666667 | Deploying | 2 | 13440 | 7.61 | 6.05 | 7.62 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:24 | 73.2670139 | Deploying | 2 | 13470 | 7.61 | 6.05 | 7.64 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:25 | 73.2673611 | Deploying | 2 | 13500 | 7.61 | 6.05 | 7.66 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:25 | 73.2676389 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:25 | 73.2677083 | Deploying | 2 | 13530 | 7.62 | 6.11 | 7.67 | 7.54 | 2053 | 1522 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:26 | 73.2680556 | Deploying | 2 | 13560 | 7.67 | 6.11 | 7.69 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:26 | 73.2684028 | Deploying | 2 | 13590 | 7.67 | 6.11 | 7.71 | 7.56 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 6:27 | 73.2687500 | Deploying | 2 | 13620 | 7.67 | 6.11 | 7.73 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:27 | 73.2687963 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:27 | 73.2690972 | Deploying | 2 | 13650 | 7.72 | 6.17 | 7.74 | 7.56 | 2076 | 1534 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:28 | 73.2694444 | Deploying | 2 | 13680 | 7.73 | 6.17 | 7.76 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:28 | 73.2697917 | Deploying | 2 | 13710 | 7.73 | 6.17 | 7.78 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:29 | 73.2701389 | Deploying | 2 | 13740 | 7.73 | 6.17 | 7.79 | 7.59 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 6:29 | 73.2701736 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:29 | 73.2704861 | Deploying | 2 | 13770 | 7.8 | 6.23 | 7.81 | 7.59 | 2053 | 1527 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:30 | 73.2708333 | Deploying | 2 | 13800 | 7.8 | 6.23 | 7.83 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:30 | 73.2711806 | Deploying | 2 | 13830 | 7.8 | 6.23 | 7.84 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 6:30 | 73.2715162 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 6:31 | 73.2715278 | Deploying | 2 | 13860 | 7.8 | 6.29 | 7.86 | 7.56 | 2069 | 1520 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:31 | 73.2718750 | Deploying | 2 | 13890 | 7.87 | 6.29 | 7.88 | 7.59 | 2069 | 15 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:32 | 73.2722222 | Deploying | 2 | 13920 | 7.86 | 6.29 | 7.9 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:32 | 73.2725694 | Deploying | 2 | 13950 | 7.86 | 6.29 | 7.91 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:32 | 73.2728588 | Winding dc | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:33 | 73.2729167 | Deploying | 2 | 13980 | 7.87 | 6.35 | 7.93 | 7.54 | 2037 | 1514 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:33 | 73.2732639 | Deploying | 2 | 14010 | 7.94 | 6.35 | 7.95 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:34 | 73.2736111 | Deploying | 2 | 14040 | 7.93 | 6.35 | 7.96 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 6:34 | 73.2739583 | Deploying | 2 | 14070 | 7.94 | 6.35 | 7.98 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:35 | 73.2743056 | Deploying | 2 | 14100 | 7.93 | 6.35 | 8 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:35 | 73.2743171 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 6:35 | 73.2746528 | Deploying | 2 | 14130 | 8 | 6.42 | 8.01 | 7.57 | 2054 | 1513 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 6:36 | 73.2750000 | Deploying | 2 | 14160 | 8.01 | 6.42 | 8.03 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:36 | 73.2753472 | Deploying | 2 | 14190 | 8.01 | 6.42 | 8.05 | 7.56 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 6:37 | 73.2756944 | Deploying | 2 | 14220 | 8.01 | 6.42 | 8.07 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:37 | 73.2758449 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 6:37 | 73.2760417 | Deploying | 2 | 14250 | 8.04 | 6.48 | 8.08 | 7.54 | 2145 | 1538 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:38 | 73.2763889 | Deploying | 2 | 14280 | 8.08 | 6.48 | 8.1 | 7.56 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 6:38 | 73.2767361 | Deploying | 2 | 14310 | 8.08 | 6.48 | 8.12 | 7.54 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/13/2016 6:39 | 73.2770833 | Deploying | 2 | 14340 | 8.07 | 6.48 | 8.13 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:39 | 73.2771875 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 6:39 | 73.2774306 | Deploying | 2 | 14370 | 8.12 | 6.54 | 8.15 | 7.56 | 2046 | 1505 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:40 | 73.2777778 | Deploying | 2 | 14400 | 8.15 | 6.54 | 8.17 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:40 | 73.2781250 | Deploying | 2 | 14430 | 8.14 | 6.54 | 8.18 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:41 | 73.2784722 | Deploying | 2 | 14460 | 8.15 | 6.54 | 8.2 | 7.57 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 6:41 | 73.2786111 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 6:41 | 73.2788194 | Deploying | 2 | 14490 | 8.19 | 6.6 | 8.22 | 7.56 | 2036 | 1516 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:42 | 73.2791667 | Deploying | 2 | 14520 | 8.22 | 6.6 | 8.24 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:42 | 73.2795139 | Deploying | 2 | 14550 | 8.21 | 6.6 | 8.25 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:43 | 73.2798611 | Deploying | 2 | 14580 | 8.22 | 6.6 | 8.27 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:43 | 73.2800579 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 6:43 | 73.2802083 | Deploying | 2 | 14610 | 8.25 | 6.67 | 8.29 | 7.57 | 1999 | 1513 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:44 | 73.2805556 | Deploying | 2 | 14640 | 8.29 | 6.67 | 8.3 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:44 | 73.2809028 | Deploying | 2 | 14670 | 8.29 | 6.67 | 8.32 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:45 | 73.2812500 | Deploying | 2 | 14700 | 8.3 | 6.67 | 8.34 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:45 | 73.2815972 | Deploying | 2 | 14730 | 8.29 | 6.67 | 8.35 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:45 | 73.2817014 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 6:46 | 73.2819444 | Deploying | 2 | 14760 | 8.34 | 6.74 | 8.37 | 7.57 | 2110 | 1528 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:46 | 73.2822917 | Deploying | 2 | 14790 | 8.36 | 6.74 | 8.39 | 7.59 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:47 | 73.2826389 | Deploying | 2 | 14820 | 8.37 | 6.74 | 8.41 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:47 | 73.2829861 | Deploying | 2 | 14850 | 8.36 | 6.74 | 8.42 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:47 | 73.2830324 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 6:48 | 73.2833333 | Deploying | 2 | 14880 | 8.42 | 6.8 | 8.44 | 7.54 | 2123 | 1538 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:48 | 73.2836806 | Deploying | 2 | 14910 | 8.44 | 6.8 | 8.46 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:49 | 73.2840278 | Deploying | 2 | 14940 | 8.44 | 6.8 | 8.47 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:49 | 73.2843750 | Deploying | 2 | 14970 | 8.43 | 6.8 | 8.49 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:49 | 73.2845602 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 6:50 | 73.2847222 | Deploying | 2 | 15000 | 8.47 | 6.86 | 8.51 | 7.59 | 2051 | 1532 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 6:50 | 73.2850694 | Deploying | 2 | 15030 | 8.5 | 6.86 | 8.52 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:51 | 73.2854167 | Deploying | 2 | 15060 | 8.5 | 6.86 | 8.54 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:51 | 73.2857639 | Deploying | 2 | 15090 | 8.51 | 6.86 | 8.56 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:51 | 73.2860648 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 6:52 | 73.2861111 | Deploying | 2 | 15120 | 8.51 | 6.93 | 8.58 | 7.56 | 2017 | 1509 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:52 | 73.2864583 | Deploying | 2 | 15150 | 8.58 | 6.93 | 8.59 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:53 | 73.2868056 | Deploying | 2 | 15180 | 8.58 | 6.93 | 8.61 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:53 | 73.2871528 | Deploying | 2 | 15210 | 8.59 | 6.93 | 8.63 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:53 | 73.2874653 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 6:54 | 73.2875000 | Deploying | 2 | 15240 | 8.59 | 6.98 | 8.64 | 7.57 | 2099 | 1522 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:54 | 73.2878472 | Deploying | 2 | 15270 | 8.64 | 6.98 | 8.66 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:55 | 73.2881944 | Deploying | 2 | 15300 | 8.64 | 6.98 | 8.68 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:55 | 73.2885417 | Deploying | 2 | 15330 | 8.64 | 6.98 | 8.69 | 7.6 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 6:55 | 73.2887153 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 6:56 | 73.2888889 | Deploying | 2 | 15360 | 8.67 | 7.04 | 8.71 | 7.54 | 2228 | 1538 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:56 | 73.2892361 | Deploying | 2 | 15390 | 8.71 | 7.04 | 8.73 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:57 | 73.2895833 | Deploying | 2 | 15420 | 8.71 | 7.04 | 8.75 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:57 | 73.2899306 | Deploying | 2 | 15450 | 8.71 | 7.04 | 8.76 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:57 | 73.2901157 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 6:58 | 73.2902778 | Deploying | 2 | 15480 | 8.74 | 7.11 | 8.78 | 7.54 | 2047 | 1514 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 6:58 | 73.2906250 | Deploying | 2 | 15510 | 8.78 | 7.11 | 8.8 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:59 | 73.2909722 | Deploying | 2 | 15540 | 8.78 | 7.11 | 8.81 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 6:59 | 73.2913194 | Deploying | 2 | 15570 | 8.79 | 7.11 | 8.83 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:00 | 73.2916667 | Deploying | 2 | 15600 | 8.78 | 7.11 | 8.85 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:00 | 73.2917477 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 7:00 | 73.2920139 | Deploying | 2 | 15630 | 8.84 | 7.19 | 8.86 | 7.57 | 2049 | 1514 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:01 | 73.2923611 | Deploying | 2 | 15660 | 8.88 | 7.19 | 8.88 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:01 | 73.2927083 | Deploying | 2 | 15690 | 8.87 | 7.19 | 8.9 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:02 | 73.2930556 | Deploying | 2 | 15720 | 8.87 | 7.19 | 8.92 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:02 | 73.2933681 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 7:02 | 73.2934028 | Deploying | 2 | 15750 | 8.87 | 7.25 | 8.93 | 7.57 | 2202 | 1534 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:03 | 73.2937500 | Deploying | 2 | 15780 | 8.93 | 7.25 | 8.95 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:03 | 73.2940972 | Deploying | 2 | 15810 | 8.94 | 7.25 | 8.97 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:04 | 73.2944444 | Deploying | 2 | 15840 | 8.95 | 7.25 | 8.98 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:04 | 73.2947917 | Deploying | 2 | 15870 | 8.94 | 7.25 | 9 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:04 | 73.2948958 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 7:05 | 73.2951389 | Deploying | 2 | 15900 | 8.99 | 7.31 | 9.02 | 7.52 | 2027 | 1507 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:05 | 73.2954861 | Deploying | 2 | 15930 | 9.01 | 7.31 | 9.03 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:06 | 73.2958333 | Deploying | 2 | 15960 | 9.01 | 7.31 | 9.05 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:06 | 73.2961806 | Deploying | 2 | 15990 | 9.01 | 7.31 | 9.07 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:06 | 73.2963426 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 7:07 | 73.2965278 | Deploying | 2 | 16020 | 9.05 | 7.37 | 9.09 | 7.56 | 2008 | 1506 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:07 | 73.2968750 | Deploying | 2 | 16050 | 9.08 | 7.37 | 9.1 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:08 | 73.2972222 | Deploying | 2 | 16080 | 9.08 | 7.37 | 9.12 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:08 | 73.2975694 | Deploying | 2 | 16110 | 9.08 | 7.37 | 9.14 | 7.54 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 7:08 | 73.2976042 | Winding d | 3 | | | | | | | | | | |
| 3/13/2016 7:09 | 73.2979167 | Deploying | 2 | 16140 | 9.14 | 7.43 | 9.15 | 7.57 | 2065 | 1527 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:09 | 73.2982639 | Deploying | 2 | 16170 | 9.14 | 7.43 | 9.17 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:10 | 73.2986111 | Deploying | 2 | 16200 | 9.14 | 7.43 | 9.19 | 7.56 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 7:10 | 73.2989468 | Winding d | 3 | | | | | | | | | | |
| 3/13/2016 7:10 | 73.2989583 | Deploying | 2 | 16230 | 9.14 | 7.49 | 9.2 | 7.56 | 2039 | 1521 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:11 | 73.2993056 | Deploying | 2 | 16260 | 9.22 | 7.49 | 9.22 | 7.56 | 2039 | 2 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:11 | 73.2996528 | Deploying | 2 | 16290 | 9.22 | 7.49 | 9.24 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:12 | 73.3000000 | Deploying | 2 | 16320 | 9.22 | 7.49 | 9.26 | 7.59 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:12 | 73.3003472 | Deploying | 2 | 16350 | 9.22 | 7.49 | 9.27 | 7.51 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:12 | 73.3005208 | Winding d | 3 | | | | | | | | | | |
| 3/13/2016 7:13 | 73.3006944 | Deploying | 2 | 16380 | 9.25 | 7.55 | 9.29 | 7.57 | 2030 | 1496 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:13 | 73.3010417 | Deploying | 2 | 16410 | 9.28 | 7.55 | 9.31 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:14 | 73.3013889 | Deploying | 2 | 16440 | 9.29 | 7.55 | 9.32 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:14 | 73.3017361 | Deploying | 2 | 16470 | 9.29 | 7.55 | 9.34 | 7.54 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 7:14 | 73.3018634 | Winding d | 3 | | | | | | | | | | |
| 3/13/2016 7:15 | 73.3020833 | Deploying | 2 | 16500 | 9.32 | 7.61 | 9.36 | 7.56 | 2089 | 1508 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:15 | 73.3024306 | Deploying | 2 | 16530 | 9.36 | 7.61 | 9.37 | 7.56 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/13/2016 7:16 | 73.3027778 | Deploying | 2 | 16560 | 9.36 | 7.61 | 9.39 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:16 | 73.3031250 | Deploying | 2 | 16590 | 9.36 | 7.61 | 9.41 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:16 | 73.3033449 | Winding d | 3 | | | | | | | | | | |
| 3/13/2016 7:17 | 73.3034722 | Deploying | 2 | 16620 | 9.38 | 7.68 | 9.43 | 7.56 | 2039 | 1502 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:17 | 73.3038194 | Deploying | 2 | 16650 | 9.42 | 7.68 | 9.44 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:18 | 73.3041667 | Deploying | 2 | 16680 | 9.42 | 7.68 | 9.46 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:18 | 73.3045139 | Deploying | 2 | 16710 | 9.42 | 7.68 | 9.48 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:18 | 73.3047222 | Winding d | 3 | | | | | | | | | | |
| 3/13/2016 7:19 | 73.3048611 | Deploying | 2 | 16740 | 9.45 | 7.74 | 9.49 | 7.57 | 2067 | 1504 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:19 | 73.3052083 | Deploying | 2 | 16770 | 9.5 | 7.74 | 9.51 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:20 | 73.3055556 | Deploying | 2 | 16800 | 9.5 | 7.74 | 9.53 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:20 | 73.3059028 | Deploying | 2 | 16830 | 9.5 | 7.74 | 9.54 | 7.52 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:21 | 73.3062500 | Deploying | 2 | 16860 | 9.5 | 7.74 | 9.56 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:21 | 73.3062847 | Winding d | 3 | | | | | | | | | | |
| 3/13/2016 7:21 | 73.3065972 | Deploying | 2 | 16890 | 9.56 | 7.8 | 9.58 | 7.56 | 2003 | 1495 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:22 | 73.3069444 | Deploying | 2 | 16920 | 9.57 | 7.8 | 9.6 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:22 | 73.3072917 | Deploying | 2 | 16950 | 9.57 | 7.8 | 9.61 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:23 | 73.3076389 | Deploying | 2 | 16980 | 9.57 | 7.8 | 9.63 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:23 | 73.3076620 | Winding d | 3 | | | | | | | | | | |
| 3/13/2016 7:23 | 73.3079861 | Deploying | 2 | 17010 | 9.63 | 7.87 | 9.65 | 7.56 | 2178 | 1516 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:24 | 73.3083333 | Deploying | 2 | 17040 | 9.64 | 7.87 | 9.66 | 7.56 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 7:24 | 73.3086806 | Deploying | 2 | 17070 | 9.64 | 7.87 | 9.68 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:25 | 73.3090278 | Deploying | 2 | 17100 | 9.64 | 7.87 | 9.7 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:25 | 73.3090625 | Winding d | 3 | | | | | | | | | | |
| 3/13/2016 7:25 | 73.3093750 | Deploying | 2 | 17130 | 9.71 | 7.93 | 9.71 | 7.52 | 2037 | 1524 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:26 | 73.3097222 | Deploying | 2 | 17160 | 9.72 | 7.93 | 9.73 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 7:26 | 73.3100694 | Deploying | 2 | 17190 | 9.71 | 7.93 | 9.75 | 7.52 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:27 | 73.3104167 | Deploying | 2 | 17220 | 9.71 | 7.93 | 9.77 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:27 | 73.3105208 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:27 | 73.3107639 | Deploying | 2 | 17250 | 9.75 | 7.99 | 9.78 | 7.54 | 2057 | 1525 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 7:28 | 73.3111111 | Deploying | 2 | 17280 | 9.77 | 7.99 | 9.8 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:28 | 73.3114583 | Deploying | 2 | 17310 | 9.77 | 7.99 | 9.82 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:29 | 73.3118056 | Deploying | 2 | 17340 | 9.77 | 7.99 | 9.83 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:29 | 73.3118519 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:29 | 73.3121528 | Deploying | 2 | 17370 | 9.84 | 8.05 | 9.85 | 7.54 | 2106 | 1555 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:30 | 73.3125000 | Deploying | 2 | 17400 | 9.84 | 8.05 | 9.87 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:30 | 73.3128472 | Deploying | 2 | 17430 | 9.86 | 8.05 | 9.88 | 7.56 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 7:31 | 73.3131944 | Deploying | 2 | 17460 | 9.85 | 8.05 | 9.9 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:31 | 73.3135417 | Deploying | 2 | 17490 | 9.85 | 8.05 | 9.92 | 7.54 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 7:31 | 73.3135417 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:32 | 73.3138889 | Deploying | 2 | 17520 | 9.92 | 8.12 | 9.94 | 7.54 | 2091 | 1513 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:32 | 73.3142361 | Deploying | 2 | 17550 | 9.92 | 8.12 | 9.95 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:33 | 73.3145833 | Deploying | 2 | 17580 | 9.92 | 8.12 | 9.97 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:33 | 73.3148843 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:33 | 73.3149306 | Deploying | 2 | 17610 | 9.94 | 8.18 | 9.99 | 7.54 | 2132 | 1553 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:34 | 73.3152778 | Deploying | 2 | 17640 | 9.98 | 8.18 | 10 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:34 | 73.3156250 | Deploying | 2 | 17670 | 9.99 | 8.18 | 10.02 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:35 | 73.3159722 | Deploying | 2 | 17700 | 9.99 | 8.18 | 10.04 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:35 | 73.3163194 | Deploying | 2 | 17730 | 9.99 | 8.18 | 10.05 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:35 | 73.3163773 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:36 | 73.3166667 | Deploying | 2 | 17760 | 10.05 | 8.24 | 10.07 | 7.57 | 2063 | 1532 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:36 | 73.3170139 | Deploying | 2 | 17790 | 10.06 | 8.24 | 10.09 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:37 | 73.3173611 | Deploying | 2 | 17820 | 10.06 | 8.24 | 10.11 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:37 | 73.3177083 | Deploying | 2 | 17850 | 10.06 | 8.24 | 10.12 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:37 | 73.3177662 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:38 | 73.3180556 | Deploying | 2 | 17880 | 10.12 | 8.3 | 10.14 | 7.57 | 2049 | 1519 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:38 | 73.3184028 | Deploying | 2 | 17910 | 10.14 | 8.3 | 10.16 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:39 | 73.3187500 | Deploying | 2 | 17940 | 10.14 | 8.3 | 10.17 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:39 | 73.3190972 | Deploying | 2 | 17970 | 10.13 | 8.3 | 10.19 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:39 | 73.3192477 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:40 | 73.3194444 | Deploying | 2 | 18000 | 10.17 | 8.37 | 10.21 | 7.54 | 2023 | 1516 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:40 | 73.3197917 | Deploying | 2 | 18030 | 10.21 | 8.37 | 10.22 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:41 | 73.3201389 | Deploying | 2 | 18060 | 10.21 | 8.37 | 10.24 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:41 | 73.3204861 | Deploying | 2 | 18090 | 10.21 | 8.37 | 10.26 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:41 | 73.3206944 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:42 | 73.3208333 | Deploying | 2 | 18120 | 10.24 | 8.42 | 10.28 | 7.56 | 2049 | 1532 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:42 | 73.3211806 | Deploying | 2 | 18150 | 10.27 | 8.42 | 10.29 | 7.56 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 7:43 | 73.3215278 | Deploying | 2 | 18180 | 10.28 | 8.42 | 10.31 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:43 | 73.3218750 | Deploying | 2 | 18210 | 10.27 | 8.42 | 10.33 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:43 | 73.3220833 | Winding dc | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 7:44 | 73.3222222 | Deploying | 2 | 18240 | 10.31 | 8.48 | 10.34 | 7.54 | 2080 | 1544 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 7:44 | 73.3225694 | Deploying | 2 | 18270 | 10.34 | 8.48 | 10.36 | 7.56 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 7:45 | 73.3229167 | Deploying | 2 | 18300 | 10.34 | 8.48 | 10.38 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:45 | 73.3232639 | Deploying | 2 | 18330 | 10.34 | 8.48 | 10.39 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:45 | 73.3235880 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:46 | 73.3236111 | Deploying | 2 | 18360 | 10.34 | 8.55 | 10.41 | 7.49 | 2093 | 1539 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 7:46 | 73.3239583 | Deploying | 2 | 18390 | 10.42 | 8.55 | 10.43 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:47 | 73.3243056 | Deploying | 2 | 18420 | 10.42 | 8.55 | 10.45 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:47 | 73.3246528 | Deploying | 2 | 18450 | 10.41 | 8.55 | 10.46 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:47 | 73.3248958 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:48 | 73.3250000 | Deploying | 2 | 18480 | 10.44 | 8.61 | 10.48 | 7.54 | 2116 | 1533 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 7:48 | 73.3253472 | Deploying | 2 | 18510 | 10.48 | 8.61 | 10.5 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:49 | 73.3256944 | Deploying | 2 | 18540 | 10.49 | 8.61 | 10.51 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:49 | 73.3260417 | Deploying | 2 | 18570 | 10.49 | 8.61 | 10.53 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:50 | 73.3263889 | Deploying | 2 | 18600 | 10.49 | 8.61 | 10.55 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:50 | 73.3265741 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:50 | 73.3267361 | Deploying | 2 | 18630 | 10.52 | 8.67 | 10.56 | 7.56 | 2104 | 1551 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:51 | 73.3270833 | Deploying | 2 | 18660 | 10.56 | 8.67 | 10.58 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:51 | 73.3274306 | Deploying | 2 | 18690 | 10.55 | 8.67 | 10.6 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:51 | 73.3276620 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:52 | 73.3277778 | Deploying | 2 | 18720 | 10.57 | 8.74 | 10.62 | 7.56 | 2253 | 1550 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:52 | 73.3281250 | Deploying | 2 | 18750 | 10.63 | 8.74 | 10.63 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:53 | 73.3284722 | Deploying | 2 | 18780 | 10.63 | 8.74 | 10.65 | 7.54 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 7:53 | 73.3288194 | Deploying | 2 | 18810 | 10.62 | 8.74 | 10.67 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:54 | 73.3291667 | Deploying | 2 | 18840 | 10.63 | 8.74 | 10.68 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:54 | 73.3293171 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:54 | 73.3295139 | Deploying | 2 | 18870 | 10.66 | 8.8 | 10.7 | 7.56 | 2192 | 1525 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:55 | 73.3298611 | Deploying | 2 | 18900 | 10.7 | 8.8 | 10.72 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:55 | 73.3302083 | Deploying | 2 | 18930 | 10.69 | 8.8 | 10.73 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:56 | 73.3305556 | Deploying | 2 | 18960 | 10.7 | 8.8 | 10.75 | 7.59 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:56 | 73.3306134 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:56 | 73.3309028 | Deploying | 2 | 18990 | 10.75 | 8.86 | 10.77 | 7.57 | 2216 | 1544 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:57 | 73.3312500 | Deploying | 2 | 19020 | 10.76 | 8.86 | 10.79 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:57 | 73.3315972 | Deploying | 2 | 19050 | 10.76 | 8.86 | 10.8 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:58 | 73.3319444 | Deploying | 2 | 19080 | 10.76 | 8.86 | 10.82 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 7:58 | 73.3320718 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 7:58 | 73.3322917 | Deploying | 2 | 19110 | 10.81 | 8.92 | 10.84 | 7.56 | 2023 | 1526 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 7:59 | 73.3326389 | Deploying | 2 | 19140 | 10.84 | 8.92 | 10.85 | 7.52 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 7:59 | 73.3329861 | Deploying | 2 | 19170 | 10.84 | 8.92 | 10.87 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:00 | 73.3333333 | Deploying | 2 | 19200 | 10.84 | 8.92 | 10.89 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:00 | 73.3335764 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:00 | 73.3336806 | Deploying | 2 | 19230 | 10.85 | 8.99 | 10.9 | 7.56 | 2027 | 1524 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 8:01 | 73.3340278 | Deploying | 2 | 19260 | 10.9 | 8.99 | 10.92 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:01 | 73.3343750 | Deploying | 2 | 19290 | 10.9 | 8.99 | 10.94 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:02 | 73.3347222 | Deploying | 2 | 19320 | 10.9 | 8.99 | 10.96 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:02 | 73.3348611 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:02 | 73.3350694 | Deploying | 2 | 19350 | 10.95 | 9.05 | 10.97 | 7.54 | 2075 | 1523 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 8:03 | 73.3354167 | Deploying | 2 | 19380 | 10.97 | 9.05 | 10.99 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:03 | 73.3357639 | Deploying | 2 | 19410 | 10.97 | 9.05 | 11.01 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:04 | 73.3361111 | Deploying | 2 | 19440 | 10.97 | 9.05 | 11.02 | 7.52 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:04 | 73.3363194 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:04 | 73.3364583 | Deploying | 2 | 19470 | 10.99 | 9.11 | 11.04 | 7.52 | 2209 | 1544 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:05 | 73.3368056 | Deploying | 2 | 19500 | 11.03 | 9.11 | 11.06 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:05 | 73.3371528 | Deploying | 2 | 19530 | 11.03 | 9.11 | 11.07 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:06 | 73.3375000 | Deploying | 2 | 19560 | 11.04 | 9.11 | 11.09 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:06 | 73.3375463 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:06 | 73.3378472 | Deploying | 2 | 19590 | 11.09 | 9.17 | 11.11 | 7.54 | 2092 | 1515 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:07 | 73.3381944 | Deploying | 2 | 19620 | 11.1 | 9.17 | 11.13 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:07 | 73.3385417 | Deploying | 2 | 19650 | 11.1 | 9.17 | 11.14 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:08 | 73.3388889 | Deploying | 2 | 19680 | 11.1 | 9.17 | 11.16 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:08 | 73.3389352 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:08 | 73.3392361 | Deploying | 2 | 19710 | 11.15 | 9.22 | 11.18 | 7.57 | 2090 | 1534 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:09 | 73.3395833 | Deploying | 2 | 19740 | 11.15 | 9.22 | 11.19 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:09 | 73.3399306 | Deploying | 2 | 19770 | 11.16 | 9.22 | 11.21 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:09 | 73.3400926 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:10 | 73.3402778 | Deploying | 2 | 19800 | 11.19 | 9.28 | 11.23 | 7.56 | 2033 | 1531 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:10 | 73.3406250 | Deploying | 2 | 19830 | 11.21 | 9.28 | 11.24 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:11 | 73.3409722 | Deploying | 2 | 19860 | 11.21 | 9.28 | 11.26 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:11 | 73.3412037 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:11 | 73.3413194 | Deploying | 2 | 19890 | 11.24 | 9.34 | 11.28 | 7.54 | 2116 | 1562 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:12 | 73.3416667 | Deploying | 2 | 19920 | 11.29 | 9.34 | 11.3 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:12 | 73.3420139 | Deploying | 2 | 19950 | 11.28 | 9.34 | 11.31 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:13 | 73.3423611 | Deploying | 2 | 19980 | 11.29 | 9.34 | 11.33 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:13 | 73.3427083 | Deploying | 2 | 20010 | 11.28 | 9.34 | 11.35 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:13 | 73.3428241 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:14 | 73.3430556 | Deploying | 2 | 20040 | 11.33 | 9.41 | 11.36 | 7.54 | 2068 | 1538 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:14 | 73.3434028 | Deploying | 2 | 20070 | 11.36 | 9.41 | 11.38 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:15 | 73.3437500 | Deploying | 2 | 20100 | 11.36 | 9.41 | 11.4 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:15 | 73.3440972 | Deploying | 2 | 20130 | 11.37 | 9.41 | 11.41 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:15 | 73.3441667 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:16 | 73.3444444 | Deploying | 2 | 20160 | 11.41 | 9.46 | 11.43 | 7.56 | 2063 | 1531 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:16 | 73.3447917 | Deploying | 2 | 20190 | 11.42 | 9.46 | 11.45 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:17 | 73.3451389 | Deploying | 2 | 20220 | 11.42 | 9.46 | 11.47 | 7.54 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 8:17 | 73.3454861 | Deploying | 2 | 20250 | 11.43 | 9.46 | 11.48 | 7.54 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/13/2016 8:17 | 73.3457060 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:18 | 73.3458333 | Deploying | 2 | 20280 | 11.46 | 9.51 | 11.5 | 7.54 | 2104 | 1555 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 8:18 | 73.3461806 | Deploying | 2 | 20310 | 11.48 | 9.51 | 11.52 | 7.52 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 8:19 | 73.3465278 | Deploying | 2 | 20340 | 11.49 | 9.51 | 11.53 | 7.52 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:19 | 73.3468750 | Deploying | 2 | 20370 | 11.48 | 9.51 | 11.55 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:19 | 73.3469560 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 8:20 | 73.3472222 | Deploying | 2 | 20400 | 11.54 | 9.59 | 11.57 | 7.56 | 2046 | 1529 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:20 | 73.3475694 | Deploying | 2 | 20430 | 11.57 | 9.59 | 11.58 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:21 | 73.3479167 | Deploying | 2 | 20460 | 11.57 | 9.59 | 11.6 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:21 | 73.3482639 | Deploying | 2 | 20490 | 11.57 | 9.59 | 11.62 | 7.52 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 8:21 | 73.3484954 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 8:22 | 73.3486111 | Deploying | 2 | 20520 | 11.59 | 9.65 | 11.64 | 7.54 | 2099 | 1550 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 8:22 | 73.3489583 | Deploying | 2 | 20550 | 11.63 | 9.65 | 11.65 | 7.56 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 8:23 | 73.3493056 | Deploying | 2 | 20580 | 11.63 | 9.65 | 11.67 | 7.54 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 8:23 | 73.3496528 | Deploying | 2 | 20610 | 11.63 | 9.65 | 11.69 | 7.57 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 8:23 | 73.3496875 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 8:24 | 73.3500000 | Deploying | 2 | 20640 | 11.69 | 9.71 | 11.7 | 7.56 | 2090 | 1535 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:24 | 73.3503472 | Deploying | 2 | 20670 | 11.7 | 9.71 | 11.72 | 7.52 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 8:25 | 73.3506944 | Deploying | 2 | 20700 | 11.7 | 9.71 | 11.74 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:25 | 73.3510417 | Deploying | 2 | 20730 | 11.7 | 9.71 | 11.75 | 7.56 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:25 | 73.3512731 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 8:26 | 73.3513889 | Deploying | 2 | 20760 | 11.72 | 9.77 | 11.77 | 7.56 | 2065 | 1526 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 8:26 | 73.3517361 | Deploying | 2 | 20790 | 11.77 | 9.77 | 11.79 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:27 | 73.3520833 | Deploying | 2 | 20820 | 11.77 | 9.77 | 11.81 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:27 | 73.3524306 | Deploying | 2 | 20850 | 11.77 | 9.77 | 11.82 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:27 | 73.3526389 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 8:28 | 73.3527778 | Deploying | 2 | 20880 | 11.8 | 9.83 | 11.84 | 7.52 | 2076 | 1526 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:28 | 73.3531250 | Deploying | 2 | 20910 | 11.83 | 9.83 | 11.86 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:29 | 73.3534722 | Deploying | 2 | 20940 | 11.84 | 9.83 | 11.87 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:29 | 73.3538194 | Deploying | 2 | 20970 | 11.83 | 9.83 | 11.89 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:29 | 73.3539699 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 8:30 | 73.3541667 | Deploying | 2 | 21000 | 11.88 | 9.89 | 11.91 | 7.56 | 2169 | 1576 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:30 | 73.3545139 | Deploying | 2 | 21030 | 11.9 | 9.89 | 11.92 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:31 | 73.3548611 | Deploying | 2 | 21060 | 11.91 | 9.89 | 11.94 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:31 | 73.3552083 | Deploying | 2 | 21090 | 11.9 | 9.89 | 11.96 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:31 | 73.3553704 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 8:32 | 73.3555556 | Deploying | 2 | 21120 | 11.93 | 9.95 | 11.98 | 7.56 | 2103 | 1555 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:32 | 73.3559028 | Deploying | 2 | 21150 | 11.97 | 9.95 | 11.99 | 7.57 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:33 | 73.3562500 | Deploying | 2 | 21180 | 11.98 | 9.95 | 12.01 | 7.52 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:33 | 73.3565972 | Deploying | 2 | 21210 | 11.97 | 9.95 | 12.03 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:33 | 73.3567708 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 8:34 | 73.3569444 | Deploying | 2 | 21240 | 12.01 | 10.02 | 12.04 | 7.56 | 2246 | 1585 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:34 | 73.3572917 | Deploying | 2 | 21270 | 12.04 | 10.02 | 12.06 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:35 | 73.3576389 | Deploying | 2 | 21300 | 12.04 | 10.02 | 12.08 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:35 | 73.3579861 | Deploying | 2 | 21330 | 12.05 | 10.02 | 12.09 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:35 | 73.3582523 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 8:36 | 73.3583333 | Deploying | 2 | 21360 | 12.06 | 10.07 | 12.11 | 7.54 | 2096 | 1540 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:36 | 73.3586806 | Deploying | 2 | 21390 | 12.1 | 10.07 | 12.13 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:37 | 73.3590278 | Deploying | 2 | 21420 | 12.1 | 10.07 | 12.15 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:37 | 73.3593519 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 8:37 | 73.3593750 | Deploying | 2 | 21450 | 12.1 | 10.13 | 12.16 | 7.49 | 2105 | 1534 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:38 | 73.3597222 | Deploying | 2 | 21480 | 12.18 | 10.13 | 12.18 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:38 | 73.3600694 | Deploying | 2 | 21510 | 12.17 | 10.13 | 12.2 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:39 | 73.3604167 | Deploying | 2 | 21540 | 12.18 | 10.13 | 12.21 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:39 | 73.3607639 | Deploying | 2 | 21570 | 12.17 | 10.13 | 12.23 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:39 | 73.3607755 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 8:40 | 73.3611111 | Deploying | 2 | 21600 | 12.23 | 10.19 | 12.25 | 7.54 | 2071 | 1532 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:40 | 73.3614583 | Deploying | 2 | 21630 | 12.23 | 10.19 | 12.26 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:41 | 73.3618056 | Deploying | 2 | 21660 | 12.23 | 10.19 | 12.28 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:41 | 73.3621181 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 8:41 | 73.3621528 | Deploying | 2 | 21690 | 12.25 | 10.25 | 12.3 | 7.54 | 2022 | 1542 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:42 | 73.3625000 | Deploying | 2 | 21720 | 12.3 | 10.25 | 12.32 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:42 | 73.3628472 | Deploying | 2 | 21750 | 12.3 | 10.25 | 12.33 | 7.57 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 8:43 | 73.3631944 | Deploying | 2 | 21780 | 12.3 | 10.25 | 12.35 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:43 | 73.3634954 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 8:43 | 73.3635417 | Deploying | 2 | 21810 | 12.31 | 10.31 | 12.37 | 7.54 | 2127 | 1532 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:44 | 73.3638889 | Deploying | 2 | 21840 | 12.37 | 10.31 | 12.38 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:44 | 73.3642361 | Deploying | 2 | 21870 | 12.37 | 10.31 | 12.4 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:45 | 73.3645833 | Deploying | 2 | 21900 | 12.37 | 10.31 | 12.42 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:45 | 73.3648843 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 8:45 | 73.3649306 | Deploying | 2 | 21930 | 12.38 | 10.37 | 12.43 | 7.56 | 2077 | 1539 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 8:46 | 73.3652778 | Deploying | 2 | 21960 | 12.44 | 10.37 | 12.45 | 7.57 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:46 | 73.3656250 | Deploying | 2 | 21990 | 12.44 | 10.37 | 12.47 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:47 | 73.3659722 | Deploying | 2 | 22020 | 12.42 | 10.37 | 12.49 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:47 | 73.3661458 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 8:47 | 73.3663194 | Deploying | 2 | 22050 | 12.47 | 10.43 | 12.5 | 7.56 | 2177 | 1535 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:48 | 73.3666667 | Deploying | 2 | 22080 | 12.51 | 10.43 | 12.52 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:48 | 73.3670139 | Deploying | 2 | 22110 | 12.51 | 10.43 | 12.54 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:49 | 73.3673611 | Deploying | 2 | 22140 | 12.5 | 10.43 | 12.55 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:49 | 73.3675926 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 8:49 | 73.3677083 | Deploying | 2 | 22170 | 12.53 | 10.49 | 12.57 | 7.52 | 2073 | 1537 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 8:50 | 73.3680556 | Deploying | 2 | 22200 | 12.57 | 10.49 | 12.59 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:50 | 73.3684028 | Deploying | 2 | 22230 | 12.57 | 10.49 | 12.6 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:51 | 73.3687500 | Deploying | 2 | 22260 | 12.57 | 10.49 | 12.62 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:51 | 73.3690278 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 8:51 | 73.3690972 | Deploying | 2 | 22290 | 12.58 | 10.56 | 12.64 | 7.56 | 2089 | 1549 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:52 | 73.3694444 | Deploying | 2 | 22320 | 12.64 | 10.56 | 12.66 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:52 | 73.3697917 | Deploying | 2 | 22350 | 12.64 | 10.56 | 12.67 | 7.51 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:53 | 73.3701389 | Deploying | 2 | 22380 | 12.65 | 10.56 | 12.69 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:53 | 73.3704861 | Deploying | 2 | 22410 | 12.64 | 10.56 | 12.71 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:53 | 73.3705556 | Winding d | 3 | | | | | | | | | | | | |
| 3/13/2016 8:54 | 73.3708333 | Deploying | 2 | 22440 | 12.7 | 10.62 | 12.72 | 7.52 | 2088 | 1543 | 0 | -2 | -2 | -2 | -2 |

| Date/Time | Value | Status | | Count | C1 | C2 | C3 | C4 | V1 | V2 | V3 | T1 | T2 | T3 | T4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:54 | 73.3711806 | Deploying | 2 | 22470 | 12.71 | 10.62 | 12.74 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:55 | 73.3715278 | Deploying | 2 | 22500 | 12.72 | 10.62 | 12.76 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:55 | 73.3718750 | Deploying | 2 | 22530 | 12.72 | 10.62 | 12.77 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:55 | 73.3720370 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:56 | 73.3722222 | Deploying | 2 | 22560 | 12.76 | 10.69 | 12.79 | 7.49 | 2169 | 1523 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:56 | 73.3725694 | Deploying | 2 | 22590 | 12.79 | 10.69 | 12.81 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:57 | 73.3729167 | Deploying | 2 | 22620 | 12.78 | 10.69 | 12.83 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:57 | 73.3732639 | Deploying | 2 | 22650 | 12.79 | 10.69 | 12.84 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:57 | 73.3733102 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 8:58 | 73.3736111 | Deploying | 2 | 22680 | 12.84 | 10.75 | 12.86 | 7.56 | 2043 | 1526 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:58 | 73.3739583 | Deploying | 2 | 22710 | 12.85 | 10.75 | 12.88 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 8:59 | 73.3743056 | Deploying | 2 | 22740 | 12.85 | 10.75 | 12.89 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:59 | 73.3746528 | Deploying | 2 | 22770 | 12.85 | 10.75 | 12.91 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 8:59 | 73.3746991 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:00 | 73.3750000 | Deploying | 2 | 22800 | 12.91 | 10.8 | 12.93 | 7.56 | 2239 | 1560 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:00 | 73.3753472 | Deploying | 2 | 22830 | 12.91 | 10.8 | 12.94 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:01 | 73.3756944 | Deploying | 2 | 22860 | 12.92 | 10.8 | 12.96 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:01 | 73.3760417 | Deploying | 2 | 22890 | 12.92 | 10.8 | 12.98 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:01 | 73.3760880 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:02 | 73.3763889 | Deploying | 2 | 22920 | 12.98 | 10.87 | 13 | 7.54 | 2039 | 1510 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:02 | 73.3767361 | Deploying | 2 | 22950 | 12.99 | 10.87 | 13.01 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:03 | 73.3770833 | Deploying | 2 | 22980 | 13 | 10.87 | 13.03 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:03 | 73.3774306 | Deploying | 2 | 23010 | 12.99 | 10.87 | 13.05 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:03 | 73.3775579 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:04 | 73.3777778 | Deploying | 2 | 23040 | 13.03 | 10.93 | 13.06 | 7.56 | 2062 | 1526 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:04 | 73.3781250 | Deploying | 2 | 23070 | 13.05 | 10.93 | 13.08 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:05 | 73.3784722 | Deploying | 2 | 23100 | 13.05 | 10.93 | 13.1 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:05 | 73.3787616 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:05 | 73.3788194 | Deploying | 2 | 23130 | 13.06 | 10.98 | 13.11 | 7.54 | 2090 | 1543 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:06 | 73.3791667 | Deploying | 2 | 23160 | 13.12 | 10.98 | 13.13 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:06 | 73.3795139 | Deploying | 2 | 23190 | 13.12 | 10.98 | 13.15 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:07 | 73.3798611 | Deploying | 2 | 23220 | 13.12 | 10.98 | 13.17 | 7.54 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 9:07 | 73.3801505 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:07 | 73.3802083 | Deploying | 2 | 23250 | 13.13 | 11.04 | 13.18 | 7.56 | 2056 | 1526 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:08 | 73.3805556 | Deploying | 2 | 23280 | 13.18 | 11.04 | 13.2 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:08 | 73.3809028 | Deploying | 2 | 23310 | 13.18 | 11.04 | 13.22 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:09 | 73.3812500 | Deploying | 2 | 23340 | 13.18 | 11.04 | 13.23 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:09 | 73.3814931 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:09 | 73.3815972 | Deploying | 2 | 23370 | 13.2 | 11.11 | 13.25 | 7.52 | 2188 | 1567 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:10 | 73.3819444 | Deploying | 2 | 23400 | 13.26 | 11.11 | 13.27 | 7.52 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 9:10 | 73.3822917 | Deploying | 2 | 23430 | 13.24 | 11.11 | 13.28 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:11 | 73.3826389 | Deploying | 2 | 23460 | 13.25 | 11.11 | 13.3 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:11 | 73.3827546 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:11 | 73.3829861 | Deploying | 2 | 23490 | 13.3 | 11.17 | 13.32 | 7.52 | 2068 | 1540 | 0 | -2 | -2 | -2 | -2 |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:12 | 73.3833333 | Deploying | 2 | 23520 | 13.31 | 11.17 | 13.34 | 7.51 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:12 | 73.3836806 | Deploying | 2 | 23550 | 13.31 | 11.17 | 13.35 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:13 | 73.3840278 | Deploying | 2 | 23580 | 13.32 | 11.17 | 13.37 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 9:13 | 73.3841898 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:13 | 73.3843750 | Deploying | 2 | 23610 | 13.35 | 11.22 | 13.39 | 7.54 | 2086 | 1550 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:14 | 73.3847222 | Deploying | 2 | 23640 | 13.38 | 11.22 | 13.4 | 7.52 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 9:14 | 73.3850694 | Deploying | 2 | 23670 | 13.38 | 11.22 | 13.42 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:15 | 73.3854167 | Deploying | 2 | 23700 | 13.37 | 11.22 | 13.44 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:15 | 73.3854514 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:15 | 73.3857639 | Deploying | 2 | 23730 | 13.43 | 11.29 | 13.45 | 7.52 | 2039 | 1530 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:16 | 73.3861111 | Deploying | 2 | 23760 | 13.44 | 11.29 | 13.47 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:16 | 73.3864583 | Deploying | 2 | 23790 | 13.45 | 11.29 | 13.49 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:16 | 73.3867824 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:17 | 73.3868056 | Deploying | 2 | 23820 | 13.44 | 11.35 | 13.51 | 7.46 | 2080 | 1530 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:17 | 73.3871528 | Deploying | 2 | 23850 | 13.52 | 11.35 | 13.52 | 7.51 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:18 | 73.3875000 | Deploying | 2 | 23880 | 13.51 | 11.35 | 13.54 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:18 | 73.3878472 | Deploying | 2 | 23910 | 13.51 | 11.35 | 13.56 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:19 | 73.3881944 | Deploying | 2 | 23940 | 13.52 | 11.35 | 13.57 | 7.51 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:19 | 73.3883102 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:19 | 73.3885417 | Deploying | 2 | 23970 | 13.56 | 11.41 | 13.59 | 7.54 | 2073 | 1549 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:20 | 73.3888889 | Deploying | 2 | 24000 | 13.59 | 11.41 | 13.61 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:20 | 73.3892361 | Deploying | 2 | 24030 | 13.58 | 11.41 | 13.62 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:21 | 73.3895833 | Deploying | 2 | 24060 | 13.59 | 11.41 | 13.64 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:21 | 73.3898264 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:21 | 73.3899306 | Deploying | 2 | 24090 | 13.61 | 11.48 | 13.66 | 7.52 | 2105 | 1545 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 9:22 | 73.3902778 | Deploying | 2 | 24120 | 13.65 | 11.48 | 13.68 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:22 | 73.3906250 | Deploying | 2 | 24150 | 13.66 | 11.48 | 13.69 | 7.51 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:23 | 73.3909722 | Deploying | 2 | 24180 | 13.66 | 11.48 | 13.71 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:23 | 73.3910880 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:23 | 73.3913194 | Deploying | 2 | 24210 | 13.7 | 11.53 | 13.73 | 7.52 | 2227 | 1567 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:24 | 73.3916667 | Deploying | 2 | 24240 | 13.73 | 11.53 | 13.74 | 7.54 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 9:24 | 73.3920139 | Deploying | 2 | 24270 | 13.72 | 11.53 | 13.76 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:25 | 73.3923611 | Deploying | 2 | 24300 | 13.72 | 11.53 | 13.78 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:25 | 73.3925347 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:25 | 73.3927083 | Deploying | 2 | 24330 | 13.76 | 11.59 | 13.79 | 7.54 | 2083 | 1530 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:26 | 73.3930556 | Deploying | 2 | 24360 | 13.79 | 11.59 | 13.81 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:26 | 73.3934028 | Deploying | 2 | 24390 | 13.79 | 11.59 | 13.83 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:27 | 73.3937500 | Deploying | 2 | 24420 | 13.78 | 11.59 | 13.85 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:27 | 73.3938079 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:27 | 73.3940972 | Deploying | 2 | 24450 | 13.85 | 11.66 | 13.86 | 7.54 | 2020 | 1518 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:28 | 73.3944444 | Deploying | 2 | 24480 | 13.85 | 11.66 | 13.88 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:28 | 73.3947917 | Deploying | 2 | 24510 | 13.85 | 11.66 | 13.9 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:29 | 73.3951389 | Deploying | 2 | 24540 | 13.86 | 11.66 | 13.91 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:29 | 73.3952083 | Winding dc | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:29 | 73.3954861 | Deploying | 2 | 24570 | 13.91 | 11.72 | 13.93 | 7.56 | 2039 | 1503 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:30 | 73.3958333 | Deploying | 2 | 24600 | 13.92 | 11.72 | 13.95 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:30 | 73.3961806 | Deploying | 2 | 24630 | 13.92 | 11.72 | 13.96 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:31 | 73.3965278 | Deploying | 2 | 24660 | 13.92 | 11.72 | 13.98 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:31 | 73.3966204 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 9:31 | 73.3968750 | Deploying | 2 | 24690 | 13.97 | 11.78 | 14 | 7.52 | 2031 | 1511 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:32 | 73.3972222 | Deploying | 2 | 24720 | 13.99 | 11.78 | 14.02 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:32 | 73.3975694 | Deploying | 2 | 24750 | 14 | 11.78 | 14.03 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:33 | 73.3979167 | Deploying | 2 | 24780 | 14 | 11.78 | 14.05 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:33 | 73.3980671 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 9:33 | 73.3982639 | Deploying | 2 | 24810 | 14.03 | 11.84 | 14.07 | 7.56 | 2051 | 1509 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:34 | 73.3986111 | Deploying | 2 | 24840 | 14.06 | 11.84 | 14.08 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:34 | 73.3989583 | Deploying | 2 | 24870 | 14.06 | 11.84 | 14.1 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:35 | 73.3993056 | Deploying | 2 | 24900 | 14.05 | 11.84 | 14.12 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:35 | 73.3993519 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 9:35 | 73.3996528 | Deploying | 2 | 24930 | 14.12 | 11.91 | 14.13 | 7.52 | 2198 | 1537 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:36 | 73.4000000 | Deploying | 2 | 24960 | 14.13 | 11.91 | 14.15 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:36 | 73.4003472 | Deploying | 2 | 24990 | 14.13 | 11.91 | 14.17 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:37 | 73.4006944 | Deploying | 2 | 25020 | 14.13 | 11.91 | 14.19 | 7.54 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:37 | 73.4007407 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 9:37 | 73.4010417 | Deploying | 2 | 25050 | 14.18 | 11.97 | 14.2 | 7.51 | 2000 | 1523 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:38 | 73.4013889 | Deploying | 2 | 25080 | 14.19 | 11.97 | 14.22 | 7.52 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 9:38 | 73.4017361 | Deploying | 2 | 25110 | 14.2 | 11.97 | 14.24 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:39 | 73.4020833 | Deploying | 2 | 25140 | 14.19 | 11.97 | 14.25 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:39 | 73.4021991 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 9:39 | 73.4024306 | Deploying | 2 | 25170 | 14.24 | 12.03 | 14.27 | 7.56 | 2044 | 1519 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:40 | 73.4027778 | Deploying | 2 | 25200 | 14.26 | 12.03 | 14.29 | 7.51 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:40 | 73.4031250 | Deploying | 2 | 25230 | 14.27 | 12.03 | 14.3 | 7.51 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:41 | 73.4034722 | Deploying | 2 | 25260 | 14.26 | 12.03 | 14.32 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:41 | 73.4035764 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 9:41 | 73.4038194 | Deploying | 2 | 25290 | 14.3 | 12.09 | 14.34 | 7.54 | 2209 | 1532 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:42 | 73.4041667 | Deploying | 2 | 25320 | 14.33 | 12.09 | 14.36 | 7.51 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:42 | 73.4045139 | Deploying | 2 | 25350 | 14.33 | 12.09 | 14.37 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:43 | 73.4048611 | Deploying | 2 | 25380 | 14.34 | 12.09 | 14.39 | 7.49 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:43 | 73.4049884 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 9:43 | 73.4052083 | Deploying | 2 | 25410 | 14.38 | 12.15 | 14.41 | 7.52 | 2020 | 1498 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:44 | 73.4055556 | Deploying | 2 | 25440 | 14.4 | 12.15 | 14.42 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:44 | 73.4059028 | Deploying | 2 | 25470 | 14.39 | 12.15 | 14.44 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:44 | 73.4061458 | Winding do | 3 | | | | | | | | | | | | |
| 3/13/2016 9:45 | 73.4062500 | Deploying | 2 | 25500 | 14.41 | 12.21 | 14.46 | 7.56 | 2042 | 1511 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 9:45 | 73.4065972 | Deploying | 2 | 25530 | 14.46 | 12.21 | 14.47 | 7.54 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 9:46 | 73.4069444 | Deploying | 2 | 25560 | 14.46 | 12.21 | 14.49 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:46 | 73.4072917 | Deploying | 2 | 25590 | 14.46 | 12.21 | 14.51 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:46 | 73.4075463 | Winding do | 3 | | | | | | | | | | | | |

| Date/Time | Value | State | # | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:47 | 73.4076389 | Deploying | 2 | 25620 | 14.47 | 12.27 | 14.53 | 7.52 | 1976 | 1494 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:47 | 73.4079861 | Deploying | 2 | 25650 | 14.52 | 12.27 | 14.54 | 7.54 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 9:48 | 73.4083333 | Deploying | 2 | 25680 | 14.53 | 12.27 | 14.56 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:48 | 73.4086806 | Deploying | 2 | 25710 | 14.53 | 12.27 | 14.58 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:49 | 73.4090278 | Deploying | 2 | 25740 | 14.53 | 12.27 | 14.59 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:49 | 73.4090856 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:49 | 73.4093750 | Deploying | 2 | 25770 | 14.59 | 12.34 | 14.61 | 7.54 | 2042 | 1490 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:50 | 73.4097222 | Deploying | 2 | 25800 | 14.6 | 12.34 | 14.63 | 7.51 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:50 | 73.4100694 | Deploying | 2 | 25830 | 14.6 | 12.34 | 14.64 | 7.56 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:50 | 73.4103704 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:51 | 73.4104167 | Deploying | 2 | 25860 | 14.61 | 12.39 | 14.66 | 7.54 | 2211 | 1527 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:51 | 73.4107639 | Deploying | 2 | 25890 | 14.66 | 12.39 | 14.68 | 7.52 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:52 | 73.4111111 | Deploying | 2 | 25920 | 14.66 | 12.39 | 14.7 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:52 | 73.4114583 | Deploying | 2 | 25950 | 14.66 | 12.39 | 14.71 | 7.51 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 9:52 | 73.4117014 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:53 | 73.4118056 | Deploying | 2 | 25980 | 14.68 | 12.45 | 14.73 | 7.54 | 2054 | 1509 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:53 | 73.4121528 | Deploying | 2 | 26010 | 14.72 | 12.45 | 14.75 | 7.54 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:54 | 73.4125000 | Deploying | 2 | 26040 | 14.73 | 12.45 | 14.76 | 7.52 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 9:54 | 73.4128472 | Deploying | 2 | 26070 | 14.72 | 12.45 | 14.78 | 7.56 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 9:54 | 73.4129745 | Winding dc | 3 | | | | | | | | | | | | |
| 3/13/2016 9:55 | 73.4131944 | Deploying | 2 | 26100 | 14.77 | 12.51 | 14.8 | 7.56 | 2074 | 1511 | 0 | 1 | 5 | 1 | 5 |
| 3/13/2016 9:55 | 73.4135417 | Deploying | 2 | 26130 | 14.79 | 12.51 | 14.81 | 7.52 | 0 | 0 | 0 | 4 | 7 | 6 | 7 |
| 3/13/2016 9:55 | 73.4138079 | Probe hit s | 4 | | | | | | | | | | | | |
| 3/13/2016 9:55 | 73.4138079 | State 4 (RE | 5 | | | | | | | | | | | | |
| 3/13/2016 9:55 | 73.4138310 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:55 | 73.4138542 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4138889 | Rewinding | 5 | 26153 | 14.78 | 12.37 | 14.64 | 7.32 | 1029 | 811 | | | | | |
| 3/13/2016 9:56 | 73.4138889 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4139468 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4140278 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4141319 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4142361 | Rewinding | 5 | 26153 | 14.23 | 11.24 | 13.89 | 7.29 | 1118 | 816 | | | | | |
| 3/13/2016 9:56 | 73.4142477 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4143634 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4144560 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4145370 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:57 | 73.4145833 | Rewinding | 5 | 26153 | 13.3 | 10.16 | 13.14 | 7.3 | 1133 | 830 | | | | | |
| 3/13/2016 9:57 | 73.4146065 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:57 | 73.4146644 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:57 | 73.4147106 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:57 | 73.4147569 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:57 | 73.4147917 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:57 | 73.4148264 | Winding up | 3 | | | | | | | | | | | | |
| 3/13/2016 9:57 | 73.4148611 | Winding up | 3 | | | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:57 | 73.4148843 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4149074 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4149306 Rewinding | 5 | 26153 | 12.41 | 9.21 | 12.39 | 7.27 | 1131 | 847 | |
| 3/13/2016 9:57 | 73.4149306 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4150347 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4150579 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4150810 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4151042 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4151273 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4151620 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4151968 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:57 | 73.4152315 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4152778 Rewinding | 5 | 26153 | 11.75 | 8.52 | 11.64 | 7.27 | 1141 | 854 | |
| 3/13/2016 9:58 | 73.4152778 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4153241 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4153704 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4154167 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4154630 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4155093 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4155440 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4155787 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4156134 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4156250 Rewinding | 5 | 26153 | 10.93 | 7.48 | 10.89 | 7.46 | 1140 | 865 | |
| 3/13/2016 9:58 | 73.4156366 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4156597 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4157755 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4157986 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4158218 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4158449 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4158796 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4159144 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:58 | 73.4159606 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4159722 Rewinding | 5 | 26153 | 10.26 | 6.76 | 10.14 | 7.44 | 1143 | 855 | |
| 3/13/2016 9:59 | 73.4160069 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4160648 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4161227 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4161806 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4162384 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4162847 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4163194 Rewinding | 5 | 26153 | 9.47 | 5.85 | 9.39 | 7.16 | 1134 | 831 | |
| 3/13/2016 9:59 | 73.4163310 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4163657 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4164005 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4164352 Winding up | 3 | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:59 | 73.4164583 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4164815 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4165046 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4165278 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4165509 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4166088 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4166319 Winding up | 3 | | | | | | | | |
| 3/13/2016 9:59 | 73.4166551 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4166667 Rewinding | 5 | 26153 | 8.67 | 5.06 | 8.64 | 7.41 | 1137 | 857 | |
| 3/13/2016 10:00 | 73.4166782 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4167014 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4167245 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4167477 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4167708 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4167940 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4168171 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4168403 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4168750 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4169097 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4169444 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4169792 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4170139 Rewinding | 5 | 26153 | 7.94 | 4.21 | 7.89 | 7.22 | 1137 | 198 | |
| 3/13/2016 10:00 | 73.4170139 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4170486 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4170718 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4170949 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4171181 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4171412 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4171644 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4171875 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4172106 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4172338 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4172569 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4172801 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:00 | 73.4173380 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4173611 Rewinding | 5 | 26153 | 7.17 | 3.44 | 7.14 | 7.19 | 1132 | 854 | |
| 3/13/2016 10:01 | 73.4173611 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4173843 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4174074 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4174306 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4174537 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4174769 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4175116 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4175463 Winding up | 3 | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:01 | 73.4175810 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4176157 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4176505 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4176852 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4177083 Rewinding | 5 | 26153 | 6.47 | 2.47 | 6.39 | 7.19 | 1128 | 836 | |
| 3/13/2016 10:01 | 73.4177199 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4177546 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4177894 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4178241 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4178472 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4178704 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4179861 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4180093 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:01 | 73.4180324 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4180556 Rewinding | 5 | 26153 | 5.69 | 1.86 | 5.64 | 7.22 | 1134 | 861 | |
| 3/13/2016 10:02 | 73.4180556 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4180787 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4181134 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4181481 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4181944 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4182407 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4182986 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4183565 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4184028 Rewinding | 5 | 26153 | 5 | 0.91 | 4.89 | 7.24 | 1130 | 854 | |
| 3/13/2016 10:02 | 73.4184028 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4184491 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4184954 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4185301 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4185648 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4185995 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4186227 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:02 | 73.4186458 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4187500 Rewinding | 5 | 26153 | 4.16 | 0.21 | 4.14 | 7.4 | 1119 | 838 | |
| 3/13/2016 10:03 | 73.4187616 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4187847 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4188079 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4188310 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4188657 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4189005 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4189352 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4189815 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4190278 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4190856 Winding up | 3 | | | | | | | | |
| 3/13/2016 10:03 | 73.4190972 Rewinding | 5 | 26153 | 3.52 | -0.82 | 3.39 | 7.4 | 1123 | 828 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:03 | 73.4191319 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:03 | 73.4191782 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:03 | 73.4192130 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:03 | 73.4192477 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:03 | 73.4192824 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:03 | 73.4193056 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:03 | 73.4194329 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4194444 | Rewinding | 5 | 26153 | 2.67 | -1.4 | 2.64 | 7.4 | 1122 | 857 |
| 3/13/2016 10:04 | 73.4194560 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4194792 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4195023 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4195370 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4195718 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4196065 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4196528 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4196991 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4197569 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4197917 | Rewinding | 5 | 26153 | 2.01 | -2.4 | 1.89 | 7.19 | 1133 | 852 |
| 3/13/2016 10:04 | 73.4198148 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4198611 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4198958 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4199306 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4199537 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4199769 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:04 | 73.4201157 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:05 | 73.4201389 | Rewinding | 5 | 26153 | 1.17 | -2.96 | 1.14 | 7.14 | 1127 | 227 |
| 3/13/2016 10:05 | 73.4201389 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:05 | 73.4201620 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:05 | 73.4201852 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:05 | 73.4202199 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:05 | 73.4202546 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:05 | 73.4203009 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:05 | 73.4203704 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:05 | 73.4204745 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:05 | 73.4204861 | Rewinding | 5 | 26153 | 0.91 | -4.39 | 0.39 | 7.32 | 1126 | 961 |
| 3/13/2016 10:05 | 73.4206366 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:06 | 73.4208333 | Rewinding | 5 | 26153 | 0.9 | -5.2 | -0.36 | 6.46 | 979 | 977 |
| 3/13/2016 10:06 | 73.4208912 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:06 | 73.4211806 | Rewinding | 5 | 26153 | 0.9 | -6.52 | -1.11 | 6.49 | 949 | 941 |
| 3/13/2016 10:06 | 73.4213079 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:07 | 73.4215278 | Rewinding | 5 | 26153 | 0.9 | -8.66 | -1.86 | 6.48 | 916 | 905 |
| 3/13/2016 10:07 | 73.4218750 | Rewinding | 5 | 26153 | 0.89 | -8.66 | -2.61 | 6.44 | 876 | 867 |
| 3/13/2016 10:07 | 73.4219792 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:08 | 73.4222222 | Rewinding | 5 | 26153 | 0.9 | -12.12 | -3.36 | 6.49 | 876 | 863 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:08 | 73.4225694 | Rewinding | 5 | 26153 | 0.89 | -12.12 | -4.11 | 6.51 | 846 | 844 |
| 3/13/2016 10:09 | 73.4229167 | Rewinding | 5 | 26153 | 0.9 | -12.12 | -4.86 | 6.49 | 846 | 835 |
| 3/13/2016 10:09 | 73.4230787 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:09 | 73.4232639 | Rewinding | 5 | 26153 | 0.9 | -17.71 | -5.61 | 6.46 | 846 | 826 |
| 3/13/2016 10:10 | 73.4236111 | Rewinding | 5 | 26153 | 0.9 | -17.71 | -6.36 | 6.44 | 805 | 800 |
| 3/13/2016 10:10 | 73.4239583 | Rewinding | 5 | 26153 | 0.87 | -17.71 | -7.11 | 6.43 | 805 | 795 |
| 3/13/2016 10:11 | 73.4243056 | Rewinding | 5 | 26153 | -0.1 | -17.71 | -7.86 | 6.22 | 834 | 807 |
| 3/13/2016 10:11 | 73.4246528 | Rewinding | 5 | 26153 | -0.14 | -17.71 | -8.61 | 5.22 | 834 | 766 |
| 3/13/2016 10:11 | 73.4248611 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:12 | 73.4250000 | Rewinding | 5 | 26153 | -0.15 | -25.72 | -9.36 | 5.16 | 834 | 557 |
| 3/13/2016 10:12 | 73.4253472 | Rewinding | 5 | 26153 | -0.15 | -25.72 | -10.11 | 5.13 | 697 | 606 |
| 3/13/2016 10:13 | 73.4256944 | Rewinding | 5 | 26153 | -0.15 | -25.72 | -10.86 | 5.14 | 697 | 616 |
| 3/13/2016 10:13 | 73.4260417 | Rewinding | 5 | 26153 | -0.15 | -25.72 | -11.61 | 5.16 | 697 | 623 |
| 3/13/2016 10:14 | 73.4263889 | Rewinding | 5 | 26153 | -0.15 | -25.72 | -12.36 | 5.1 | 697 | 618 |
| 3/13/2016 10:14 | 73.4267361 | Rewinding | 5 | 26153 | -0.15 | -25.72 | -13.11 | 5.14 | 697 | 619 |
| 3/13/2016 10:15 | 73.4270833 | Rewinding | 5 | 26153 | -0.15 | -25.72 | -13.86 | 5.17 | 697 | 621 |
| 3/13/2016 10:15 | 73.4274306 | Rewinding | 5 | 26153 | -0.15 | -25.72 | -14.61 | 5.21 | 697 | 612 |
| 3/13/2016 10:15 | 73.4274537 | Winding up | 3 | | | | | | | |
| 3/13/2016 10:16 | 73.4277778 | Rewinding | 5 | 26153 | -0.15 | -38.42 | -15.36 | 5.22 | 697 | 591 |
| 3/13/2016 10:16 | 73.4281250 | Rewinding | 5 | 26153 | -0.15 | -38.42 | -16.11 | 5.27 | 673 | 378 |
| 3/13/2016 10:17 | 73.4284722 | Rewinding | 5 | 26153 | -0.15 | -38.42 | -16.86 | 5.27 | 673 | 405 |
| 3/13/2016 10:17 | 73.4288194 | Rewinding | 5 | 26153 | -0.15 | -38.42 | -17.61 | 5.19 | 673 | 488 |
| 3/13/2016 10:18 | 73.4291667 | Rewinding | 5 | 26153 | -0.15 | -38.42 | -18.36 | 5.25 | 673 | 413 |
| 3/13/2016 10:18 | 73.4295139 | Rewinding | 5 | 26153 | -0.16 | -38.42 | -19.11 | 5.22 | 673 | 318 |
| 3/13/2016 10:19 | 73.4298611 | Rewinding | 5 | 26153 | -0.15 | -38.42 | -19.86 | 5.22 | 673 | 244 |
| 3/13/2016 10:19 | 73.4302083 | Rewinding | 5 | 26153 | -0.16 | -38.42 | -20.61 | 5.21 | 673 | 269 |
| 3/13/2016 10:19 | 73.4304051 | Manual sto | 5 | | | | | | | |
| 3/13/2016 10:19 | 73.4304051 | State 1 (IDI | 5 | | | | | | | |

DPS3-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 9:20 | 72.3888889 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 9:20 | 72.3892361 | Deploying | 2 | 30 | 0.92 | 0 | 0.02 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:21 | 72.3895833 | Deploying | 2 | 60 | 0.92 | 0 | 0.04 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:21 | 72.3899306 | Deploying | 2 | 90 | 0.92 | 0 | 0.06 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:22 | 72.3902778 | Deploying | 2 | 120 | 0.92 | 0 | 0.08 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:22 | 72.3906250 | Deploying | 2 | 150 | 0.92 | 0 | 0.09 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:23 | 72.3909722 | Deploying | 2 | 180 | 0.92 | 0 | 0.11 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:23 | 72.3913194 | Deploying | 2 | 210 | 0.92 | 0 | 0.13 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/12/2016 9:24 | 72.3916667 | Deploying | 2 | 240 | 0.92 | 0 | 0.14 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:24 | 72.3920139 | Deploying | 2 | 270 | 0.92 | 0 | 0.16 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:25 | 72.3923611 | Deploying | 2 | 300 | 0.92 | 0 | 0.18 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:25 | 72.3927083 | Deploying | 2 | 330 | 0.92 | 0 | 0.19 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:26 | 72.3930556 | Deploying | 2 | 360 | 0.92 | 0 | 0.21 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:26 | 72.3934028 | Deploying | 2 | 390 | 0.92 | 0 | 0.23 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:27 | 72.3937500 | Deploying | 2 | 420 | 0.92 | 0 | 0.25 | 8.17 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:27 | 72.3940972 | Deploying | 2 | 450 | 0.92 | 0 | 0.26 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:28 | 72.3944444 | Deploying | 2 | 480 | 0.92 | 0 | 0.28 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:28 | 72.3947917 | Deploying | 2 | 510 | 0.92 | 0 | 0.3 | 8.16 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:29 | 72.3951389 | Deploying | 2 | 540 | 0.92 | 0 | 0.31 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:29 | 72.3954861 | Deploying | 2 | 570 | 0.92 | 0 | 0.33 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:30 | 72.3958333 | Deploying | 2 | 600 | 0.92 | 0 | 0.35 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:30 | 72.3961806 | Deploying | 2 | 630 | 0.92 | 0 | 0.36 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:31 | 72.3965278 | Deploying | 2 | 660 | 0.93 | 0 | 0.38 | 8.14 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/12/2016 9:31 | 72.3968750 | Deploying | 2 | 690 | 0.93 | 0 | 0.4 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:32 | 72.3972222 | Deploying | 2 | 720 | 0.92 | 0 | 0.42 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:32 | 72.3975694 | Deploying | 2 | 750 | 0.92 | 0 | 0.43 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:33 | 72.3979167 | Deploying | 2 | 780 | 0.92 | 0 | 0.45 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:33 | 72.3982639 | Deploying | 2 | 810 | 0.93 | 0 | 0.47 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:34 | 72.3986111 | Deploying | 2 | 840 | 0.93 | 0 | 0.48 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:34 | 72.3989583 | Deploying | 2 | 870 | 0.92 | 0 | 0.5 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:35 | 72.3993056 | Deploying | 2 | 900 | 0.92 | 0 | 0.52 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:35 | 72.3996528 | Deploying | 2 | 930 | 0.93 | 0 | 0.53 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:36 | 72.4000000 | Deploying | 2 | 960 | 0.93 | 0 | 0.55 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:36 | 72.4003472 | Deploying | 2 | 990 | 0.92 | 0 | 0.57 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:37 | 72.4006944 | Deploying | 2 | 1020 | 0.92 | 0 | 0.59 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:37 | 72.4010417 | Deploying | 2 | 1050 | 0.93 | 0 | 0.6 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:38 | 72.4013889 | Deploying | 2 | 1080 | 0.93 | 0 | 0.62 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:38 | 72.4017361 | Deploying | 2 | 1110 | 0.93 | 0 | 0.64 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:39 | 72.4020833 | Deploying | 2 | 1140 | 0.92 | 0 | 0.65 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:39 | 72.4024306 | Deploying | 2 | 1170 | 0.92 | 0 | 0.67 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:40 | 72.4027778 | Deploying | 2 | 1200 | 0.92 | 0 | 0.69 | 8.11 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 9:40 | 72.4031250 | Deploying | 2 | 1230 | 0.93 | 0 | 0.7 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:41 | 72.4034722 | Deploying | 2 | 1260 | 0.92 | 0 | 0.72 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:41 | 72.4038194 | Deploying | 2 | 1290 | 0.93 | 0 | 0.74 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:42 | 72.4041667 | Deploying | 2 | 1320 | 0.93 | 0 | 0.76 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:42 | 72.4045139 | Deploying | 2 | 1350 | 0.93 | 0 | 0.77 | 8.13 | 0 | 0 | 0 | -8 | -5 | -7 | -5 |
| 3/12/2016 9:43 | 72.4048611 | Deploying | 2 | 1380 | 0.92 | 0 | 0.79 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:43 | 72.4052083 | Deploying | 2 | 1410 | 0.93 | 0 | 0.81 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:44 | 72.4055556 | Deploying | 2 | 1440 | 0.92 | 0 | 0.82 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:44 | 72.4059028 | Deploying | 2 | 1470 | 0.92 | 0 | 0.84 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:45 | 72.4062500 | Deploying | 2 | 1500 | 0.93 | 0 | 0.86 | 8.17 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:45 | 72.4065972 | Deploying | 2 | 1530 | 0.92 | 0 | 0.87 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 9:46 | 72.4069444 | Deploying | 2 | 1560 | 0.92 | 0 | 0.89 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:46 | 72.4072917 | Deploying | 2 | 1590 | 0.93 | 0 | 0.91 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:47 | 72.4076389 | Deploying | 2 | 1620 | 0.93 | 0 | 0.93 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:47 | 72.4079861 | Deploying | 2 | 1650 | 0.92 | 0 | 0.94 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:48 | 72.4083333 | Deploying | 2 | 1680 | 0.93 | 0 | 0.96 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:48 | 72.4086806 | Deploying | 2 | 1710 | 0.94 | 0 | 0.98 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:49 | 72.4090278 | Deploying | 2 | 1740 | 0.93 | 0 | 0.99 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:49 | 72.4091898 | Winding down 1935 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:49 | 72.4093750 | Deploying | 2 | 1770 | 0.97 | 0.07 | 1.01 | 8.11 | 2069 | 1484 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:50 | 72.4097222 | Deploying | 2 | 1800 | 1 | 0.07 | 1.03 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:50 | 72.4100694 | Deploying | 2 | 1830 | 0.99 | 0.07 | 1.04 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:50 | 72.4102083 | Winding down 1307 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:51 | 72.4104167 | Deploying | 2 | 1860 | 1.04 | 0.12 | 1.06 | 8.13 | 2001 | 1473 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:51 | 72.4107639 | Deploying | 2 | 1890 | 1.06 | 0.12 | 1.08 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:52 | 72.4111111 | Deploying | 2 | 1920 | 1.05 | 0.12 | 1.1 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:52 | 72.4114583 | Deploying | 2 | 1950 | 1.05 | 0.12 | 1.11 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:52 | 72.4115741 | Winding down 1804 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:53 | 72.4118056 | Deploying | 2 | 1980 | 1.1 | 0.19 | 1.13 | 8.13 | 2197 | 1503 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:53 | 72.4121528 | Deploying | 2 | 2010 | 1.13 | 0.19 | 1.15 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:54 | 72.4125000 | Deploying | 2 | 2040 | 1.13 | 0.19 | 1.16 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 9:54 | 72.4128472 | Deploying | 2 | 2070 | 1.13 | 0.19 | 1.18 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:54 | 72.4130671 | Winding down 1506 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:55 | 72.4131944 | Deploying | 2 | 2100 | 1.15 | 0.25 | 1.2 | 8.13 | 1968 | 1470 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:55 | 72.4135417 | Deploying | 2 | 2130 | 1.2 | 0.25 | 1.21 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:56 | 72.4138889 | Deploying | 2 | 2160 | 1.2 | 0.25 | 1.23 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:56 | 72.4142361 | Deploying | 2 | 2190 | 1.2 | 0.25 | 1.25 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:56 | 72.4144676 | Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:57 | 72.4145833 | Deploying | 2 | 2220 | 1.22 | 0.31 | 1.27 | 8.13 | 2236 | 1535 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:57 | 72.4149306 | Deploying | 2 | 2250 | 1.27 | 0.31 | 1.28 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:58 | 72.4152778 | Deploying | 2 | 2280 | 1.26 | 0.31 | 1.3 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:58 | 72.4156250 | Deploying | 2 | 2310 | 1.26 | 0.31 | 1.32 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 9:58 | 72.4157292 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 9:59 | 72.4159722 | Deploying | 2 | 2340 | 1.3 | 0.37 | 1.33 | 8.14 | 2016 | 1507 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 9:59 | 72.4163194 | Deploying | 2 | 2370 | 1.33 | 0.37 | 1.35 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:00 | 72.4166667 | Deploying | 2 | 2400 | 1.33 | 0.37 | 1.37 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:00 | 72.4170139 | Deploying | 2 | 2430 | 1.33 | 0.37 | 1.38 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:00 | 72.4171759 | Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:01 | 72.4173611 | Deploying | 2 | 2460 | 1.36 | 0.43 | 1.4 | 8.14 | 2178 | 1503 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:01 | 72.4177083 | Deploying | 2 | 2490 | 1.4 | 0.43 | 1.42 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:02 | 72.4180556 | Deploying | 2 | 2520 | 1.4 | 0.43 | 1.44 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:02 | 72.4184028 | Deploying | 2 | 2550 | 1.4 | 0.43 | 1.45 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:02 | 72.4186458 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:03 | 72.4187500 | Deploying | 2 | 2580 | 1.42 | 0.49 | 1.47 | 8.11 | 2083 | 1505 | 0 | -8 | -8 | -7 | -8 |
| 3/12/2016 10:03 | 72.4190972 | Deploying | 2 | 2610 | 1.47 | 0.49 | 1.49 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:04 | 72.4194444 | Deploying | 2 | 2640 | 1.46 | 0.49 | 1.5 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:04 | 72.4197917 | Deploying | 2 | 2670 | 1.47 | 0.49 | 1.52 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:04 | 72.4199769 | Winding down 1489 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:05 | 72.4201389 | Deploying | 2 | 2700 | 1.5 | 0.54 | 1.54 | 8.11 | 1985 | 1524 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:05 | 72.4204861 | Deploying | 2 | 2730 | 1.53 | 0.54 | 1.55 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:06 | 72.4208333 | Deploying | 2 | 2760 | 1.54 | 0.54 | 1.57 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:06 | 72.4211806 | Deploying | 2 | 2790 | 1.54 | 0.54 | 1.59 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:06 | 72.4213657 | Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:07 | 72.4215278 | Deploying | 2 | 2820 | 1.57 | 0.6 | 1.61 | 8.1 | 1990 | 1521 | 0 | -8 | -7 | -7 | -7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 10:07 | 72.4218750 Deploying | 2 | 2850 | 1.6 | 0.6 | 1.62 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:08 | 72.4222222 Deploying | 2 | 2880 | 1.6 | 0.6 | 1.64 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:08 | 72.4225694 Deploying | 2 | 2910 | 1.6 | 0.6 | 1.66 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:08 | 72.4227894 Winding down 1681 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:09 | 72.4229167 Deploying | 2 | 2940 | 1.63 | 0.67 | 1.67 | 8.1 | 1995 | 1500 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:09 | 72.4232639 Deploying | 2 | 2970 | 1.67 | 0.67 | 1.69 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:10 | 72.4236111 Deploying | 2 | 3000 | 1.68 | 0.67 | 1.71 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:10 | 72.4239583 Deploying | 2 | 3030 | 1.67 | 0.67 | 1.72 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:10 | 72.4241204 Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:11 | 72.4243056 Deploying | 2 | 3060 | 1.71 | 0.72 | 1.74 | 8.11 | 2046 | 1543 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:11 | 72.4246528 Deploying | 2 | 3090 | 1.74 | 0.72 | 1.76 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:12 | 72.4250000 Deploying | 2 | 3120 | 1.74 | 0.72 | 1.78 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:12 | 72.4253472 Deploying | 2 | 3150 | 1.74 | 0.72 | 1.79 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:12 | 72.4256250 Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:13 | 72.4256944 Deploying | 2 | 3180 | 1.76 | 0.78 | 1.81 | 8.11 | 2112 | 1519 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:13 | 72.4260417 Deploying | 2 | 3210 | 1.81 | 0.78 | 1.83 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:14 | 72.4263889 Deploying | 2 | 3240 | 1.81 | 0.78 | 1.84 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:14 | 72.4267361 Deploying | 2 | 3270 | 1.81 | 0.78 | 1.86 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:14 | 72.4268981 Winding down 1335 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:15 | 72.4270833 Deploying | 2 | 3300 | 1.85 | 0.83 | 1.88 | 8.11 | 2083 | 1509 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 10:15 | 72.4274306 Deploying | 2 | 3330 | 1.87 | 0.83 | 1.89 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:16 | 72.4277778 Deploying | 2 | 3360 | 1.88 | 0.83 | 1.91 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:16 | 72.4281250 Deploying | 2 | 3390 | 1.88 | 0.83 | 1.93 | 8.1 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 10:16 | 72.4283218 Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:17 | 72.4284722 Deploying | 2 | 3420 | 1.9 | 0.89 | 1.95 | 8.13 | 2030 | 1536 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:17 | 72.4288194 Deploying | 2 | 3450 | 1.93 | 0.89 | 1.96 | 8.08 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 10:18 | 72.4291667 Deploying | 2 | 3480 | 1.94 | 0.89 | 1.98 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:18 | 72.4295139 Deploying | 2 | 3510 | 1.94 | 0.89 | 2 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:18 | 72.4295949 Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:19 | 72.4298611 Deploying | 2 | 3540 | 1.99 | 0.95 | 2.01 | 8.1 | 2190 | 1555 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:19 | 72.4302083 Deploying | 2 | 3570 | 2.01 | 0.95 | 2.03 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:20 | 72.4305556 Deploying | 2 | 3600 | 2.01 | 0.95 | 2.05 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:20 | 72.4309028 Deploying | 2 | 3630 | 2.01 | 0.95 | 2.06 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:20 | 72.4311111 Winding down 1767 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:21 | 72.4312500 Deploying | 2 | 3660 | 2.03 | 1.02 | 2.08 | 8.1 | 2223 | 1553 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:21 | 72.4315972 Deploying | 2 | 3690 | 2.09 | 1.02 | 2.1 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:22 | 72.4319444 Deploying | 2 | 3720 | 2.08 | 1.02 | 2.12 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:22 | 72.4322917 Deploying | 2 | 3750 | 2.08 | 1.02 | 2.13 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:22 | 72.4323843 Winding down 1400 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:23 | 72.4326389 Deploying | 2 | 3780 | 2.13 | 1.07 | 2.15 | 8.11 | 2080 | 1560 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:23 | 72.4329861 Deploying | 2 | 3810 | 2.15 | 1.07 | 2.17 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:24 | 72.4333333 Deploying | 2 | 3840 | 2.15 | 1.07 | 2.18 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:24 | 72.4336806 Deploying | 2 | 3870 | 2.15 | 1.07 | 2.2 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:25 | 72.4340278 Deploying | 2 | 3900 | 2.15 | 1.07 | 2.22 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:25 | 72.4340394 Winding down 1776 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:25 | 72.4343750 Deploying | 2 | 3930 | 2.22 | 1.14 | 2.23 | 8.11 | 2103 | 1572 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:26 | 72.4347222 Deploying | 2 | 3960 | 2.23 | 1.14 | 2.25 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:26 | 72.4350694 Deploying | 2 | 3990 | 2.22 | 1.14 | 2.27 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:26 | 72.4353472 Winding down 1477 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:27 | 72.4354167 Deploying | 2 | 4020 | 2.24 | 1.19 | 2.29 | 8.1 | 2229 | 1558 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:27 | 72.4357639 Deploying | 2 | 4050 | 2.29 | 1.19 | 2.3 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:28 | 72.4361111 Deploying | 2 | 4080 | 2.3 | 1.19 | 2.32 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:28 | 72.4364583 Deploying | 2 | 4110 | 2.29 | 1.19 | 2.34 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 10:29 | 72.4368056 | Deploying | 2 | 4140 | 2.29 | 1.19 | 2.35 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:29 | 72.4368403 | Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:29 | 72.4371528 | Deploying | 2 | 4170 | 2.35 | 1.25 | 2.37 | 8.1 | 2167 | 1563 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 10:30 | 72.4375000 | Deploying | 2 | 4200 | 2.36 | 1.25 | 2.39 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:30 | 72.4378472 | Deploying | 2 | 4230 | 2.37 | 1.25 | 2.4 | 8.11 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 3/12/2016 10:31 | 72.4381944 | Deploying | 2 | 4260 | 2.37 | 1.25 | 2.42 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:31 | 72.4383796 | Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:31 | 72.4385417 | Deploying | 2 | 4290 | 2.4 | 1.31 | 2.44 | 8.11 | 2251 | 1569 | 0 | -8 | -8 | -7 | -8 |
| 3/12/2016 10:32 | 72.4388889 | Deploying | 2 | 4320 | 2.43 | 1.31 | 2.46 | 8.1 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 3/12/2016 10:32 | 72.4392361 | Deploying | 2 | 4350 | 2.44 | 1.31 | 2.47 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:33 | 72.4395833 | Deploying | 2 | 4380 | 2.43 | 1.31 | 2.49 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:33 | 72.4397801 | Winding down 1628 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:33 | 72.4399306 | Deploying | 2 | 4410 | 2.47 | 1.38 | 2.51 | 8.08 | 2065 | 1544 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:34 | 72.4402778 | Deploying | 2 | 4440 | 2.52 | 1.38 | 2.52 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:34 | 72.4406250 | Deploying | 2 | 4470 | 2.51 | 1.38 | 2.54 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:35 | 72.4409722 | Deploying | 2 | 4500 | 2.51 | 1.38 | 2.56 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:35 | 72.4412963 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:35 | 72.4413194 | Deploying | 2 | 4530 | 2.51 | 1.43 | 2.57 | 8.02 | 2012 | 1522 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:36 | 72.4416667 | Deploying | 2 | 4560 | 2.58 | 1.43 | 2.59 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:36 | 72.4420139 | Deploying | 2 | 4590 | 2.59 | 1.43 | 2.61 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:37 | 72.4423611 | Deploying | 2 | 4620 | 2.58 | 1.43 | 2.63 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 10:37 | 72.4426736 | Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:37 | 72.4427083 | Deploying | 2 | 4650 | 2.58 | 1.5 | 2.64 | 8.1 | 2194 | 1545 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:38 | 72.4430556 | Deploying | 2 | 4680 | 2.65 | 1.5 | 2.66 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:38 | 72.4434028 | Deploying | 2 | 4710 | 2.66 | 1.5 | 2.68 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:39 | 72.4437500 | Deploying | 2 | 4740 | 2.66 | 1.5 | 2.69 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:39 | 72.4440972 | Deploying | 2 | 4770 | 2.66 | 1.5 | 2.71 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 10:39 | 72.4442014 | Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:40 | 72.4444444 | Deploying | 2 | 4800 | 2.7 | 1.55 | 2.73 | 8.13 | 2040 | 1532 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:40 | 72.4447917 | Deploying | 2 | 4830 | 2.72 | 1.55 | 2.74 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:41 | 72.4451389 | Deploying | 2 | 4860 | 2.72 | 1.55 | 2.76 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:41 | 72.4454861 | Deploying | 2 | 4890 | 2.71 | 1.55 | 2.78 | 8.08 | 0 | 0 | 0 | -6 | -8 | -7 | -8 |
| 3/12/2016 10:41 | 72.4455093 | Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:42 | 72.4458333 | Deploying | 2 | 4920 | 2.79 | 1.62 | 2.8 | 8.06 | 2108 | 1550 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:42 | 72.4461806 | Deploying | 2 | 4950 | 2.8 | 1.62 | 2.81 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:43 | 72.4465278 | Deploying | 2 | 4980 | 2.8 | 1.62 | 2.83 | 8.08 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 10:43 | 72.4468750 | Deploying | 2 | 5010 | 2.79 | 1.62 | 2.85 | 8.08 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 10:43 | 72.4470949 | Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:44 | 72.4472222 | Deploying | 2 | 5040 | 2.82 | 1.68 | 2.86 | 8.1 | 2063 | 1552 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:44 | 72.4475694 | Deploying | 2 | 5070 | 2.86 | 1.68 | 2.88 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:45 | 72.4479167 | Deploying | 2 | 5100 | 2.87 | 1.68 | 2.9 | 8.06 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 3/12/2016 10:45 | 72.4482639 | Deploying | 2 | 5130 | 2.87 | 1.68 | 2.91 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:46 | 72.4486111 | Deploying | 2 | 5160 | 2.87 | 1.68 | 2.93 | 8.06 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:46 | 72.4486921 | Winding down 1561 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:46 | 72.4489583 | Deploying | 2 | 5190 | 2.92 | 1.74 | 2.95 | 8.08 | 2070 | 1556 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 10:47 | 72.4493056 | Deploying | 2 | 5220 | 2.94 | 1.74 | 2.97 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:47 | 72.4496528 | Deploying | 2 | 5250 | 2.94 | 1.74 | 2.98 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/12/2016 10:48 | 72.4500000 | Deploying | 2 | 5280 | 2.95 | 1.74 | 3 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:48 | 72.4501852 | Winding down 1639 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 10:48 | 72.4503472 | Deploying | 2 | 5310 | 2.97 | 1.8 | 3.02 | 8.08 | 2096 | 1542 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:49 | 72.4506944 | Deploying | 2 | 5340 | 3.01 | 1.8 | 3.03 | 8.08 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 10:49 | 72.4510417 | Deploying | 2 | 5370 | 3.02 | 1.8 | 3.05 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:50 | 72.4513889 | Deploying | 2 | 5400 | 3.01 | 1.8 | 3.07 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| 3/12/2016 10:50 | 72.4515278 Winding down 1657 ticks | 3 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 10:50 | 72.4517361 Deploying | 2 | 5430 | 3.06 | 1.86 | 3.08 | 8.06 | 2239 | 1558 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:51 | 72.4520833 Deploying | 2 | 5460 | 3.09 | 1.86 | 3.1 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:51 | 72.4524306 Deploying | 2 | 5490 | 3.09 | 1.86 | 3.12 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:52 | 72.4527778 Deploying | 2 | 5520 | 3.09 | 1.86 | 3.14 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:52 | 72.4530556 Winding down 1577 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:52 | 72.4531250 Deploying | 2 | 5550 | 3.1 | 1.92 | 3.15 | 8.05 | 2006 | 1513 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:53 | 72.4534722 Deploying | 2 | 5580 | 3.15 | 1.92 | 3.17 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:53 | 72.4538194 Deploying | 2 | 5610 | 3.15 | 1.92 | 3.19 | 8.06 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 10:54 | 72.4541667 Deploying | 2 | 5640 | 3.16 | 1.92 | 3.2 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:54 | 72.4544676 Winding down 1630 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:54 | 72.4545139 Deploying | 2 | 5670 | 3.16 | 1.98 | 3.22 | 8.1 | 2246 | 1577 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:55 | 72.4548611 Deploying | 2 | 5700 | 3.22 | 1.98 | 3.24 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:55 | 72.4552083 Deploying | 2 | 5730 | 3.22 | 1.98 | 3.25 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:56 | 72.4555556 Deploying | 2 | 5760 | 3.22 | 1.98 | 3.27 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:56 | 72.4557755 Winding down 1531 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:56 | 72.4559028 Deploying | 2 | 5790 | 3.25 | 2.04 | 3.29 | 8.11 | 2148 | 1537 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:57 | 72.4562500 Deploying | 2 | 5820 | 3.29 | 2.04 | 3.31 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:57 | 72.4565972 Deploying | 2 | 5850 | 3.29 | 2.04 | 3.32 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:58 | 72.4569444 Deploying | 2 | 5880 | 3.29 | 2.04 | 3.34 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 10:58 | 72.4572801 Winding down 1623 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 10:58 | 72.4572917 Deploying | 2 | 5910 | 3.29 | 2.1 | 3.36 | 8.08 | 2267 | 1589 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 10:59 | 72.4576389 Deploying | 2 | 5940 | 3.35 | 2.1 | 3.37 | 8.1 | 2267 | 15 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 10:59 | 72.4579861 Deploying | 2 | 5970 | 3.35 | 2.1 | 3.39 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:00 | 72.4583333 Deploying | 2 | 6000 | 3.36 | 2.1 | 3.41 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 11:00 | 72.4586227 Winding down 1466 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:00 | 72.4586806 Deploying | 2 | 6030 | 3.38 | 2.16 | 3.42 | 8.1 | 2033 | 1519 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:01 | 72.4590278 Deploying | 2 | 6060 | 3.43 | 2.16 | 3.44 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:01 | 72.4593750 Deploying | 2 | 6090 | 3.43 | 2.16 | 3.46 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:02 | 72.4597222 Deploying | 2 | 6120 | 3.44 | 2.16 | 3.48 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:02 | 72.4600694 Deploying | 2 | 6150 | 3.43 | 2.16 | 3.49 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:02 | 72.4601852 Winding down 1829 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:03 | 72.4604167 Deploying | 2 | 6180 | 3.48 | 2.23 | 3.51 | 8.08 | 2235 | 1560 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:03 | 72.4607639 Deploying | 2 | 6210 | 3.5 | 2.23 | 3.53 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:04 | 72.4611111 Deploying | 2 | 6240 | 3.51 | 2.23 | 3.54 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:04 | 72.4614583 Deploying | 2 | 6270 | 3.51 | 2.23 | 3.56 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:04 | 72.4615856 Winding down 1618 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:05 | 72.4618056 Deploying | 2 | 6300 | 3.55 | 2.29 | 3.58 | 8.1 | 2255 | 1563 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:05 | 72.4621528 Deploying | 2 | 6330 | 3.59 | 2.29 | 3.59 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:06 | 72.4625000 Deploying | 2 | 6360 | 3.58 | 2.29 | 3.61 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:06 | 72.4628472 Deploying | 2 | 6390 | 3.58 | 2.29 | 3.63 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:07 | 72.4631944 Deploying | 2 | 6420 | 3.58 | 2.29 | 3.65 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:07 | 72.4631944 Winding down 1662 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:07 | 72.4635417 Deploying | 2 | 6450 | 3.65 | 2.35 | 3.66 | 8.1 | 2014 | 1536 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:08 | 72.4638889 Deploying | 2 | 6480 | 3.66 | 2.35 | 3.68 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:08 | 72.4642361 Deploying | 2 | 6510 | 3.65 | 2.35 | 3.7 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:08 | 72.4644097 Winding down 1350 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:09 | 72.4645833 Deploying | 2 | 6540 | 3.68 | 2.4 | 3.71 | 8.08 | 2168 | 1560 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:09 | 72.4649306 Deploying | 2 | 6570 | 3.72 | 2.4 | 3.73 | 8.08 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 11:10 | 72.4652778 Deploying | 2 | 6600 | 3.72 | 2.4 | 3.75 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:10 | 72.4656250 Deploying | 2 | 6630 | 3.71 | 2.4 | 3.76 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:10 | 72.4658796 Winding down 1574 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:11 | 72.4659722 Deploying | 2 | 6660 | 3.73 | 2.46 | 3.78 | 8.1 | 2117 | 1556 | 0 | -8 | -7 | -7 | -7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 11:11 | 72.4663194 Deploying | 2 | 6690 | 3.79 | 2.46 | 3.8 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:12 | 72.4666667 Deploying | 2 | 6720 | 3.79 | 2.46 | 3.82 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:12 | 72.4670139 Deploying | 2 | 6750 | 3.79 | 2.46 | 3.83 | 8.1 | 0 | 0 | 0 | -6 | -8 | -7 | -8 |
| 3/12/2016 11:13 | 72.4673611 Deploying | 2 | 6780 | 3.79 | 2.46 | 3.85 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:13 | 72.4673727 Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:13 | 72.4677083 Deploying | 2 | 6810 | 3.85 | 2.52 | 3.87 | 8.1 | 2141 | 1571 | 0 | -6 | -7 | -6 | -7 |
| 3/12/2016 11:14 | 72.4680556 Deploying | 2 | 6840 | 3.86 | 2.52 | 3.88 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:14 | 72.4684028 Deploying | 2 | 6870 | 3.86 | 2.52 | 3.9 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:15 | 72.4687500 Deploying | 2 | 6900 | 3.86 | 2.52 | 3.92 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:15 | 72.4688773 Winding down 1518 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:15 | 72.4690972 Deploying | 2 | 6930 | 3.9 | 2.58 | 3.93 | 8.06 | 2099 | 1565 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:16 | 72.4694444 Deploying | 2 | 6960 | 3.93 | 2.58 | 3.95 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:16 | 72.4697917 Deploying | 2 | 6990 | 3.93 | 2.58 | 3.97 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:17 | 72.4701389 Deploying | 2 | 7020 | 3.93 | 2.58 | 3.99 | 8.08 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 11:17 | 72.4701968 Winding down 1433 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:17 | 72.4704861 Deploying | 2 | 7050 | 3.98 | 2.63 | 4 | 8.13 | 2076 | 1564 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:18 | 72.4708333 Deploying | 2 | 7080 | 3.99 | 2.63 | 4.02 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:18 | 72.4711806 Deploying | 2 | 7110 | 3.99 | 2.63 | 4.04 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:19 | 72.4715278 Deploying | 2 | 7140 | 3.99 | 2.63 | 4.05 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 11:19 | 72.4715625 Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:19 | 72.4718750 Deploying | 2 | 7170 | 4.05 | 2.69 | 4.07 | 8.1 | 2213 | 1542 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:20 | 72.4722222 Deploying | 2 | 7200 | 4.06 | 2.69 | 4.09 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:20 | 72.4725694 Deploying | 2 | 7230 | 4.06 | 2.69 | 4.1 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:20 | 72.4728356 Winding down 1488 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:21 | 72.4729167 Deploying | 2 | 7260 | 4.07 | 2.75 | 4.12 | 8.08 | 2050 | 1520 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:21 | 72.4732639 Deploying | 2 | 7290 | 4.13 | 2.75 | 4.14 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:22 | 72.4736111 Deploying | 2 | 7320 | 4.12 | 2.75 | 4.16 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:22 | 72.4739583 Deploying | 2 | 7350 | 4.12 | 2.75 | 4.17 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:22 | 72.4742361 Winding down 1477 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:23 | 72.4743056 Deploying | 2 | 7380 | 4.14 | 2.81 | 4.19 | 8.08 | 2075 | 1575 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:23 | 72.4746528 Deploying | 2 | 7410 | 4.18 | 2.81 | 4.21 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:24 | 72.4750000 Deploying | 2 | 7440 | 4.19 | 2.81 | 4.22 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:24 | 72.4753472 Deploying | 2 | 7470 | 4.19 | 2.81 | 4.24 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:24 | 72.4756366 Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:25 | 72.4756944 Deploying | 2 | 7500 | 4.21 | 2.87 | 4.26 | 8.08 | 2246 | 1562 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:25 | 72.4760417 Deploying | 2 | 7530 | 4.26 | 2.87 | 4.27 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:26 | 72.4763889 Deploying | 2 | 7560 | 4.26 | 2.87 | 4.29 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:26 | 72.4767361 Deploying | 2 | 7590 | 4.27 | 2.87 | 4.31 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:27 | 72.4770833 Deploying | 2 | 7620 | 4.27 | 2.87 | 4.33 | 8.06 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 11:27 | 72.4772685 Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:27 | 72.4774306 Deploying | 2 | 7650 | 4.3 | 2.93 | 4.34 | 8.1 | 2072 | 1549 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:28 | 72.4777778 Deploying | 2 | 7680 | 4.33 | 2.93 | 4.36 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:28 | 72.4781250 Deploying | 2 | 7710 | 4.34 | 2.93 | 4.38 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:29 | 72.4784722 Deploying | 2 | 7740 | 4.34 | 2.93 | 4.39 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:29 | 72.4785417 Winding down 1622 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:29 | 72.4788194 Deploying | 2 | 7770 | 4.4 | 2.99 | 4.41 | 8.08 | 2226 | 1559 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 11:30 | 72.4791667 Deploying | 2 | 7800 | 4.41 | 2.99 | 4.43 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:30 | 72.4795139 Deploying | 2 | 7830 | 4.41 | 2.99 | 4.44 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:31 | 72.4798611 Deploying | 2 | 7860 | 4.41 | 2.99 | 4.46 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:31 | 72.4799769 Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:31 | 72.4802083 Deploying | 2 | 7890 | 4.45 | 3.05 | 4.48 | 8.08 | 2081 | 1535 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:32 | 72.4805556 Deploying | 2 | 7920 | 4.47 | 3.05 | 4.5 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:32 | 72.4809028 Deploying | 2 | 7950 | 4.47 | 3.05 | 4.51 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 11:33 | 72.4812500 Deploying | 2 | 7980 | 4.47 | 3.05 | 4.53 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/12/2016 11:33 | 72.4812731 Winding down 1465 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:33 | 72.4815972 Deploying | 2 | 8010 | 4.53 | 3.1 | 4.55 | 8.1 | 2222 | 1572 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:34 | 72.4819444 Deploying | 2 | 8040 | 4.54 | 3.1 | 4.56 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:34 | 72.4822917 Deploying | 2 | 8070 | 4.54 | 3.1 | 4.58 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:35 | 72.4826389 Deploying | 2 | 8100 | 4.54 | 3.1 | 4.6 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:35 | 72.4828704 Winding down 1670 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:35 | 72.4829861 Deploying | 2 | 8130 | 4.57 | 3.17 | 4.61 | 8.08 | 2263 | 1593 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:36 | 72.4833333 Deploying | 2 | 8160 | 4.61 | 3.17 | 4.63 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:36 | 72.4836806 Deploying | 2 | 8190 | 4.62 | 3.17 | 4.65 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:37 | 72.4840278 Deploying | 2 | 8220 | 4.61 | 3.17 | 4.67 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:37 | 72.4841551 Winding down 1468 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:37 | 72.4843750 Deploying | 2 | 8250 | 4.65 | 3.22 | 4.68 | 8.08 | 2111 | 1564 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:38 | 72.4847222 Deploying | 2 | 8280 | 4.68 | 3.22 | 4.7 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:38 | 72.4850694 Deploying | 2 | 8310 | 4.68 | 3.22 | 4.72 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:39 | 72.4854167 Deploying | 2 | 8340 | 4.68 | 3.22 | 4.73 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:39 | 72.4855440 Winding down 1393 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:39 | 72.4857639 Deploying | 2 | 8370 | 4.72 | 3.28 | 4.75 | 8.05 | 2103 | 1580 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:40 | 72.4861111 Deploying | 2 | 8400 | 4.74 | 3.28 | 4.77 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:40 | 72.4864583 Deploying | 2 | 8430 | 4.74 | 3.28 | 4.78 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:40 | 72.4867477 Winding down 1391 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:41 | 72.4868056 Deploying | 2 | 8460 | 4.75 | 3.33 | 4.8 | 8.06 | 2207 | 1586 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:41 | 72.4871528 Deploying | 2 | 8490 | 4.8 | 3.33 | 4.82 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 11:42 | 72.4875000 Deploying | 2 | 8520 | 4.81 | 3.33 | 4.84 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 11:42 | 72.4878472 Deploying | 2 | 8550 | 4.8 | 3.33 | 4.85 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:42 | 72.4881134 Winding down 1613 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:43 | 72.4881944 Deploying | 2 | 8580 | 4.82 | 3.39 | 4.87 | 8.06 | 2258 | 1581 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:43 | 72.4885417 Deploying | 2 | 8610 | 4.88 | 3.39 | 4.89 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/12/2016 11:44 | 72.4888889 Deploying | 2 | 8640 | 4.88 | 3.39 | 4.9 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:44 | 72.4892361 Deploying | 2 | 8670 | 4.88 | 3.39 | 4.92 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:45 | 72.4895833 Deploying | 2 | 8700 | 4.88 | 3.39 | 4.94 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/12/2016 11:45 | 72.4897222 Winding down 1757 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:45 | 72.4899306 Deploying | 2 | 8730 | 4.92 | 3.46 | 4.95 | 8.08 | 2070 | 1549 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:46 | 72.4902778 Deploying | 2 | 8760 | 4.95 | 3.46 | 4.97 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:46 | 72.4906250 Deploying | 2 | 8790 | 4.95 | 3.46 | 4.99 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:47 | 72.4909722 Deploying | 2 | 8820 | 4.95 | 3.46 | 5.01 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:47 | 72.4910417 Winding down 1522 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:47 | 72.4913194 Deploying | 2 | 8850 | 5 | 3.51 | 5.02 | 8.05 | 2244 | 1593 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:48 | 72.4916667 Deploying | 2 | 8880 | 5.02 | 3.51 | 5.04 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:48 | 72.4920139 Deploying | 2 | 8910 | 5.02 | 3.51 | 5.06 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:49 | 72.4923611 Deploying | 2 | 8940 | 5.02 | 3.51 | 5.07 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:49 | 72.4926505 Winding down 1591 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:49 | 72.4927083 Deploying | 2 | 8970 | 5.03 | 3.57 | 5.09 | 8.08 | 2069 | 1543 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:50 | 72.4930556 Deploying | 2 | 9000 | 5.08 | 3.57 | 5.11 | 8.08 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 11:50 | 72.4934028 Deploying | 2 | 9030 | 5.09 | 3.57 | 5.12 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 11:51 | 72.4937500 Deploying | 2 | 9060 | 5.09 | 3.57 | 5.14 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:51 | 72.4939583 Winding down 1542 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:51 | 72.4940972 Deploying | 2 | 9090 | 5.11 | 3.63 | 5.16 | 8.06 | 2089 | 1574 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:52 | 72.4944444 Deploying | 2 | 9120 | 5.16 | 3.63 | 5.18 | 8.06 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:52 | 72.4947917 Deploying | 2 | 9150 | 5.15 | 3.63 | 5.19 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:53 | 72.4951389 Deploying | 2 | 9180 | 5.16 | 3.63 | 5.21 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:53 | 72.4951736 Winding down 1280 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 11:53 | 72.4954861 Deploying | 2 | 9210 | 5.21 | 3.68 | 5.23 | 8.06 | 2090 | 1554 | 0 | -8 | -7 | -7 | -7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 11:54 | 72.4958333 Deploying | 2 | 9240 | 5.21 | 3.68 | 5.24 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:54 | 72.4961806 Deploying | 2 | 9270 | 5.21 | 3.68 | 5.26 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:54 | 72.4964583 Winding down 1702 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:55 | 72.4965278 Deploying | 2 | 9300 | 5.22 | 3.75 | 5.28 | 8.05 | 2082 | 1553 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 11:55 | 72.4968750 Deploying | 2 | 9330 | 5.29 | 3.75 | 5.29 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:56 | 72.4972222 Deploying | 2 | 9360 | 5.28 | 3.75 | 5.31 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:56 | 72.4975694 Deploying | 2 | 9390 | 5.28 | 3.75 | 5.33 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:56 | 72.4978704 Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:57 | 72.4979167 Deploying | 2 | 9420 | 5.29 | 3.8 | 5.35 | 8.06 | 2094 | 1580 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:57 | 72.4982639 Deploying | 2 | 9450 | 5.35 | 3.8 | 5.36 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:58 | 72.4986111 Deploying | 2 | 9480 | 5.36 | 3.8 | 5.38 | 8.06 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 11:58 | 72.4989583 Deploying | 2 | 9510 | 5.36 | 3.8 | 5.4 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:59 | 72.4993056 Deploying | 2 | 9540 | 5.35 | 3.8 | 5.41 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 11:59 | 72.4993519 Winding down 1569 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 11:59 | 72.4996528 Deploying | 2 | 9570 | 5.41 | 3.86 | 5.43 | 8.05 | 2285 | 1607 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:00 | 72.5000000 Deploying | 2 | 9600 | 5.42 | 3.86 | 5.45 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:00 | 72.5003472 Deploying | 2 | 9630 | 5.42 | 3.86 | 5.46 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:01 | 72.5006944 Deploying | 2 | 9660 | 5.42 | 3.86 | 5.48 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:01 | 72.5007986 Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:01 | 72.5010417 Deploying | 2 | 9690 | 5.47 | 3.93 | 5.5 | 8.06 | 2064 | 1560 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:02 | 72.5013889 Deploying | 2 | 9720 | 5.5 | 3.93 | 5.52 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:02 | 72.5017361 Deploying | 2 | 9750 | 5.5 | 3.93 | 5.53 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:03 | 72.5020833 Deploying | 2 | 9780 | 5.5 | 3.93 | 5.55 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:03 | 72.5022917 Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:03 | 72.5024306 Deploying | 2 | 9810 | 5.53 | 3.99 | 5.57 | 8.06 | 2061 | 1557 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:04 | 72.5027778 Deploying | 2 | 9840 | 5.56 | 3.99 | 5.58 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:04 | 72.5031250 Deploying | 2 | 9870 | 5.57 | 3.99 | 5.6 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:05 | 72.5034722 Deploying | 2 | 9900 | 5.57 | 3.99 | 5.62 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:05 | 72.5037384 Winding down 1563 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:05 | 72.5038194 Deploying | 2 | 9930 | 5.58 | 4.05 | 5.63 | 8.05 | 2070 | 1563 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:06 | 72.5041667 Deploying | 2 | 9960 | 5.64 | 4.05 | 5.65 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:06 | 72.5045139 Deploying | 2 | 9990 | 5.63 | 4.05 | 5.67 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:07 | 72.5048611 Deploying | 2 | 10020 | 5.63 | 4.05 | 5.69 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:07 | 72.5049190 Winding down 1358 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:07 | 72.5052083 Deploying | 2 | 10050 | 5.68 | 4.1 | 5.7 | 8.05 | 2270 | 1603 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 12:08 | 72.5055556 Deploying | 2 | 10080 | 5.69 | 4.1 | 5.72 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:08 | 72.5059028 Deploying | 2 | 10110 | 5.69 | 4.1 | 5.74 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:08 | 72.5062153 Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:09 | 72.5062500 Deploying | 2 | 10140 | 5.69 | 4.16 | 5.75 | 8.05 | 2279 | 1605 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:09 | 72.5065972 Deploying | 2 | 10170 | 5.76 | 4.16 | 5.77 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:10 | 72.5069444 Deploying | 2 | 10200 | 5.76 | 4.16 | 5.79 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:10 | 72.5072917 Deploying | 2 | 10230 | 5.76 | 4.16 | 5.8 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:11 | 72.5076389 Deploying | 2 | 10260 | 5.76 | 4.16 | 5.82 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:11 | 72.5076620 Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:11 | 72.5079861 Deploying | 2 | 10290 | 5.82 | 4.22 | 5.84 | 8.06 | 2284 | 1592 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:12 | 72.5083333 Deploying | 2 | 10320 | 5.83 | 4.22 | 5.86 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:12 | 72.5086806 Deploying | 2 | 10350 | 5.84 | 4.22 | 5.87 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:13 | 72.5090278 Deploying | 2 | 10380 | 5.83 | 4.22 | 5.89 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:13 | 72.5091551 Winding down 1668 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:13 | 72.5093750 Deploying | 2 | 10410 | 5.88 | 4.29 | 5.91 | 8.03 | 2234 | 1592 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:14 | 72.5097222 Deploying | 2 | 10440 | 5.9 | 4.29 | 5.92 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 12:14 | 72.5100694 Deploying | 2 | 10470 | 5.9 | 4.29 | 5.94 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:15 | 72.5104167 Deploying | 2 | 10500 | 5.9 | 4.29 | 5.96 | 8 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 12:15 | 72.5105324 Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:15 | 72.5107639 Deploying | 2 | 10530 | 5.95 | 4.35 | 5.97 | 8.03 | 2118 | 1584 | 0 | -8 | -6 | -7 | -6 |
| 3/12/2016 12:16 | 72.5111111 Deploying | 2 | 10560 | 5.98 | 4.35 | 5.99 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:16 | 72.5114583 Deploying | 2 | 10590 | 5.98 | 4.35 | 6.01 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:17 | 72.5118056 Deploying | 2 | 10620 | 5.97 | 4.35 | 6.03 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:17 | 72.5120370 Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:17 | 72.5121528 Deploying | 2 | 10650 | 6 | 4.4 | 6.04 | 8.03 | 2129 | 1608 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:18 | 72.5125000 Deploying | 2 | 10680 | 6.04 | 4.4 | 6.06 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:18 | 72.5128472 Deploying | 2 | 10710 | 6.04 | 4.4 | 6.08 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:19 | 72.5131944 Deploying | 2 | 10740 | 6.04 | 4.4 | 6.09 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:19 | 72.5133912 Winding down 1703 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:19 | 72.5135417 Deploying | 2 | 10770 | 6.07 | 4.47 | 6.11 | 8.02 | 2146 | 1586 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 12:20 | 72.5138889 Deploying | 2 | 10800 | 6.11 | 4.47 | 6.13 | 8 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:20 | 72.5142361 Deploying | 2 | 10830 | 6.11 | 4.47 | 6.14 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 12:21 | 72.5145833 Deploying | 2 | 10860 | 6.12 | 4.47 | 6.16 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:21 | 72.5148958 Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:21 | 72.5149306 Deploying | 2 | 10890 | 6.12 | 4.53 | 6.18 | 8.05 | 2221 | 1590 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:22 | 72.5152778 Deploying | 2 | 10920 | 6.17 | 4.53 | 6.2 | 8.02 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:22 | 72.5156250 Deploying | 2 | 10950 | 6.18 | 4.53 | 6.21 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:23 | 72.5159722 Deploying | 2 | 10980 | 6.18 | 4.53 | 6.23 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:23 | 72.5162616 Winding down 1891 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:23 | 72.5163194 Deploying | 2 | 11010 | 6.18 | 4.6 | 6.25 | 8.03 | 2278 | 1592 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:24 | 72.5166667 Deploying | 2 | 11040 | 6.25 | 4.6 | 6.26 | 8.02 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:24 | 72.5170139 Deploying | 2 | 11070 | 6.26 | 4.6 | 6.28 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:25 | 72.5173611 Deploying | 2 | 11100 | 6.26 | 4.6 | 6.3 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:25 | 72.5177083 Deploying | 2 | 11130 | 6.26 | 4.6 | 6.31 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:25 | 72.5178241 Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:26 | 72.5180556 Deploying | 2 | 11160 | 6.3 | 4.66 | 6.33 | 8.05 | 2274 | 1621 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:26 | 72.5184028 Deploying | 2 | 11190 | 6.32 | 4.66 | 6.35 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:27 | 72.5187500 Deploying | 2 | 11220 | 6.32 | 4.66 | 6.37 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:27 | 72.5190972 Deploying | 2 | 11250 | 6.32 | 4.66 | 6.38 | 8.06 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 12:27 | 72.5192130 Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:28 | 72.5194444 Deploying | 2 | 11280 | 6.38 | 4.72 | 6.4 | 8.03 | 2105 | 1579 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:28 | 72.5197917 Deploying | 2 | 11310 | 6.4 | 4.72 | 6.42 | 8.02 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:29 | 72.5201389 Deploying | 2 | 11340 | 6.41 | 4.72 | 6.43 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:29 | 72.5204861 Deploying | 2 | 11370 | 6.41 | 4.72 | 6.45 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:30 | 72.5208333 Deploying | 2 | 11400 | 6.41 | 4.72 | 6.47 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:30 | 72.5208796 Winding down 1544 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:30 | 72.5211806 Deploying | 2 | 11430 | 6.46 | 4.78 | 6.48 | 8.02 | 2071 | 1555 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:31 | 72.5215278 Deploying | 2 | 11460 | 6.47 | 4.78 | 6.5 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:31 | 72.5218750 Deploying | 2 | 11490 | 6.47 | 4.78 | 6.52 | 8.02 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:31 | 72.5220718 Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:32 | 72.5222222 Deploying | 2 | 11520 | 6.5 | 4.84 | 6.54 | 8.05 | 2087 | 1549 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:32 | 72.5225694 Deploying | 2 | 11550 | 6.54 | 4.84 | 6.55 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:33 | 72.5229167 Deploying | 2 | 11580 | 6.53 | 4.84 | 6.57 | 8.02 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 12:33 | 72.5232639 Deploying | 2 | 11610 | 6.53 | 4.84 | 6.59 | 8.02 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 3/12/2016 12:33 | 72.5234491 Winding down 1689 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:34 | 72.5236111 Deploying | 2 | 11640 | 6.57 | 4.9 | 6.6 | 8.02 | 2087 | 1570 | 0 | -7 | -8 | -7 | -8 |
| 3/12/2016 12:34 | 72.5239583 Deploying | 2 | 11670 | 6.61 | 4.9 | 6.62 | 8.05 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 3/12/2016 12:35 | 72.5243056 Deploying | 2 | 11700 | 6.61 | 4.9 | 6.64 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:35 | 72.5246528 Deploying | 2 | 11730 | 6.61 | 4.9 | 6.65 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 12:36 | 72.5250000 Deploying | 2 | 11760 | 6.61 | 4.9 | 6.67 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:36 | 72.5250579 Winding down 1508 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value / Status | State | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 12:36 | 72.5253472 Deploying | 2 | 11790 | 6.66 | 4.96 | 6.69 | 8.02 | 2120 | 1587 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:37 | 72.5256944 Deploying | 2 | 11820 | 6.67 | 4.96 | 6.71 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:37 | 72.5260417 Deploying | 2 | 11850 | 6.67 | 4.96 | 6.72 | 8.02 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:37 | 72.5262616 Winding down 1581 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:38 | 72.5263889 Deploying | 2 | 11880 | 6.7 | 5.02 | 6.74 | 8.02 | 2278 | 1595 | 0 | -8 | -7 | -7 | -7 |
| 3/12/2016 12:38 | 72.5267361 Deploying | 2 | 11910 | 6.75 | 5.02 | 6.76 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 12:39 | 72.5270833 Deploying | 2 | 11940 | 6.75 | 5.02 | 6.77 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:39 | 72.5274306 Deploying | 2 | 11970 | 6.74 | 5.02 | 6.79 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:39 | 72.5277199 Winding down 1616 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:40 | 72.5277778 Deploying | 2 | 12000 | 6.75 | 5.08 | 6.81 | 8.05 | 2272 | 1607 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:40 | 72.5281250 Deploying | 2 | 12030 | 6.81 | 5.08 | 6.82 | 8.02 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/12/2016 12:41 | 72.5284722 Deploying | 2 | 12060 | 6.81 | 5.08 | 6.84 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:41 | 72.5288194 Deploying | 2 | 12090 | 6.81 | 5.08 | 6.86 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:42 | 72.5291667 Deploying | 2 | 12120 | 6.81 | 5.08 | 6.88 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:42 | 72.5291667 Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:42 | 72.5295139 Deploying | 2 | 12150 | 6.88 | 5.14 | 6.89 | 8.02 | 2148 | 1581 | 0 | -7 | -7 | -7 | -7 |
| 3/12/2016 12:43 | 72.5298611 Deploying | 2 | 12180 | 6.88 | 5.14 | 6.91 | 8.02 | 0 | 0 | 0 | -7 | -7 | -3 | -7 |
| 3/12/2016 12:43 | 72.5299884 Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5299884 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5300231 Winding up 1699 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5300463 Winding up 2849 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5300810 Winding up 4449 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5301389 Winding up 6524 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5302083 Rewinding | 5 | 12191 | 6.73 | 4.55 | 6.43 | 7.79 | 1150 | 839 | | | | | |
| 3/12/2016 12:43 | 72.5302199 Winding up 8324 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5303241 Winding up 8849 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5304282 Winding up 7850 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5305208 Winding up 6400 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5305556 Rewinding | 5 | 12191 | 5.89 | 3.36 | 5.68 | 7.79 | 1147 | 857 | | | | | |
| 3/12/2016 12:44 | 72.5306019 Winding up 5025 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5306713 Winding up 3925 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5307176 Winding up 3150 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5307639 Winding up 2324 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5307986 Winding up 1724 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5308218 Winding up 1375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5309028 Rewinding | 5 | 12191 | 4.94 | 2.69 | 4.93 | 7.97 | 1151 | 861 | | | | | |
| 3/12/2016 12:44 | 72.5309722 Winding up 1324 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5309954 Winding up 1699 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5310185 Winding up 2100 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5310532 Winding up 2550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5310880 Winding up 3125 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5311343 Winding up 3875 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5311806 Winding up 4624 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:44 | 72.5312384 Winding up 5075 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5312500 Rewinding | 5 | 12191 | 4.36 | 1.77 | 4.18 | 7.92 | 1151 | 843 | | | | | |
| 3/12/2016 12:45 | 72.5313079 Winding up 4875 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5313657 Winding up 4100 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5314236 Winding up 3225 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5314699 Winding up 2675 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5315046 Winding up 2175 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5315394 Winding up 1775 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5315625 Winding up 1550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5315856 Winding up 1250 ticks | 3 | | | | | | | | | | | | |

| Date | Value | Event | State | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 12:45 | 72.5315972 | Rewinding | 5 | 12191 | 3.45 | 0.95 | 3.43 | 7.95 | 1125 | 204 |
| 3/12/2016 12:45 | 72.5317245 | Winding up 1400 ticks | 3 | | | | | | | |
| 3/12/2016 12:45 | 72.5317477 | Winding up 1750 ticks | 3 | | | | | | | |
| 3/12/2016 12:45 | 72.5317708 | Winding up 2150 ticks | 3 | | | | | | | |
| 3/12/2016 12:45 | 72.5318056 | Winding up 2575 ticks | 3 | | | | | | | |
| 3/12/2016 12:45 | 72.5318403 | Winding up 3125 ticks | 3 | | | | | | | |
| 3/12/2016 12:45 | 72.5318866 | Winding up 3775 ticks | 3 | | | | | | | |
| 3/12/2016 12:45 | 72.5319329 | Winding up 4475 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5319444 | Rewinding | 5 | 12191 | 2.84 | 0.23 | 2.68 | 7.94 | 1149 | 841 |
| 3/12/2016 12:46 | 72.5319907 | Winding up 4975 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5320602 | Winding up 4700 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5321181 | Winding up 4025 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5321759 | Winding up 3250 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5322222 | Winding up 2650 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5322569 | Winding up 2175 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5322917 | Rewinding | 5 | 12191 | 1.97 | -0.59 | 1.93 | 7.73 | 1146 | 841 |
| 3/12/2016 12:46 | 72.5322917 | Winding up 1700 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5323148 | Winding up 1450 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5324306 | Winding up 1250 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5324537 | Winding up 1400 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5324769 | Winding up 1650 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5325000 | Winding up 1950 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5325231 | Winding up 2125 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5325579 | Winding up 2475 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5325926 | Winding up 2775 ticks | 3 | | | | | | | |
| 3/12/2016 12:46 | 72.5326273 | Winding up 3125 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5326389 | Rewinding | 5 | 12191 | 1.28 | -1.34 | 1.18 | 7.94 | 1147 | 849 |
| 3/12/2016 12:47 | 72.5326505 | Winding up 3275 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5326620 | Winding up 3400 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5326736 | Winding up 3550 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5326852 | Winding up 3750 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5326968 | Winding up 3900 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5327083 | Winding up 4075 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5327199 | Winding up 4225 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5327315 | Winding up 4400 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5327431 | Winding up 4525 ticks | 3 | | | | | | | |
| 3/12/2016 12:47 | 72.5327546 | Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 3/12/2016 12:47 | 72.5327546 | State 5 (FINISHED) | 5 | | | | | | | |

DPS4-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 11:35 | 72.4826389 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 11:35 | 72.4829861 | Deploying | 2 | 30 | 0.92 | 0 | 0.02 | 8.02 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:36 | 72.4833333 | Deploying | 2 | 60 | 0.92 | 0 | 0.04 | 8.03 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:36 | 72.4836806 | Deploying | 2 | 90 | 0.92 | 0 | 0.06 | 8.02 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:37 | 72.4840278 | Deploying | 2 | 120 | 0.92 | 0 | 0.08 | 8.02 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:37 | 72.4843750 | Deploying | 2 | 150 | 0.92 | 0 | 0.09 | 8.03 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:38 | 72.4847222 | Deploying | 2 | 180 | 0.92 | 0 | 0.11 | 8.03 | 0 | 0 | 0 | -3 | -5 | -4 | -5 |
| 3/12/2016 11:38 | 72.4850694 | Deploying | 2 | 210 | 0.92 | 0 | 0.13 | 8 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 11:39 | 72.4854167 | Deploying | 2 | 240 | 0.92 | 0 | 0.14 | 8.02 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:39 | 72.4857639 | Deploying | 2 | 270 | 0.92 | 0 | 0.16 | 8.02 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:40 | 72.4861111 | Deploying | 2 | 300 | 0.92 | 0 | 0.18 | 8 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:40 | 72.4864583 | Deploying | 2 | 330 | 0.92 | 0 | 0.19 | 8 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:41 | 72.4868056 | Deploying | 2 | 360 | 0.91 | 0 | 0.21 | 8.03 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:41 | 72.4871528 | Deploying | 2 | 390 | 0.91 | 0 | 0.23 | 8 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:42 | 72.4875000 | Deploying | 2 | 420 | 0.91 | 0 | 0.25 | 8.02 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:42 | 72.4878472 | Deploying | 2 | 450 | 0.92 | 0 | 0.26 | 8.02 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 11:43 | 72.4881944 | Deploying | 2 | 480 | 0.91 | 0 | 0.28 | 8.02 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:43 | 72.4885417 | Deploying | 2 | 510 | 0.91 | 0 | 0.3 | 8.02 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:44 | 72.4888889 | Deploying | 2 | 540 | 0.92 | 0 | 0.31 | 8.02 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:44 | 72.4892361 | Deploying | 2 | 570 | 0.92 | 0 | 0.33 | 8 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 11:45 | 72.4895833 | Deploying | 2 | 600 | 0.92 | 0 | 0.35 | 8.02 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:45 | 72.4899306 | Deploying | 2 | 630 | 0.91 | 0 | 0.36 | 8.02 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:46 | 72.4902778 | Deploying | 2 | 660 | 0.91 | 0 | 0.38 | 8.02 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:46 | 72.4906250 | Deploying | 2 | 690 | 0.91 | 0 | 0.4 | 8 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:47 | 72.4909722 | Deploying | 2 | 720 | 0.92 | 0 | 0.42 | 8 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:47 | 72.4913194 | Deploying | 2 | 750 | 0.92 | 0 | 0.43 | 8.03 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:48 | 72.4916667 | Deploying | 2 | 780 | 0.92 | 0 | 0.45 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:48 | 72.4920139 | Deploying | 2 | 810 | 0.91 | 0 | 0.47 | 7.98 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:49 | 72.4923611 | Deploying | 2 | 840 | 0.91 | 0 | 0.48 | 8.02 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:49 | 72.4927083 | Deploying | 2 | 870 | 0.91 | 0 | 0.5 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:50 | 72.4930556 | Deploying | 2 | 900 | 0.91 | 0 | 0.52 | 8 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:50 | 72.4934028 | Deploying | 2 | 930 | 0.92 | 0 | 0.53 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 11:51 | 72.4937500 | Deploying | 2 | 960 | 0.92 | 0 | 0.55 | 8 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:51 | 72.4940972 | Deploying | 2 | 990 | 0.92 | 0 | 0.57 | 8.03 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 11:52 | 72.4944444 | Deploying | 2 | 1020 | 0.92 | 0 | 0.59 | 8.02 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:52 | 72.4947917 | Deploying | 2 | 1050 | 0.91 | 0 | 0.6 | 8.02 | 0 | 0 | 0 | -3 | -4 | -4 | -4 |
| 3/12/2016 11:53 | 72.4951389 | Deploying | 2 | 1080 | 0.92 | 0 | 0.62 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:53 | 72.4954861 | Deploying | 2 | 1110 | 0.92 | 0 | 0.64 | 8 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:54 | 72.4958333 | Deploying | 2 | 1140 | 0.92 | 0 | 0.65 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:54 | 72.4961806 | Deploying | 2 | 1170 | 0.91 | 0 | 0.67 | 8.02 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:55 | 72.4965278 | Deploying | 2 | 1200 | 0.92 | 0 | 0.69 | 8.02 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:55 | 72.4968750 | Deploying | 2 | 1230 | 0.92 | 0 | 0.7 | 8.02 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 11:56 | 72.4972222 | Deploying | 2 | 1260 | 0.92 | 0 | 0.72 | 8 | 0 | 0 | 0 | -3 | -5 | -4 | -5 |
| 3/12/2016 11:56 | 72.4975694 | Deploying | 2 | 1290 | 0.93 | 0 | 0.74 | 8 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:57 | 72.4979167 | Deploying | 2 | 1320 | 0.92 | 0 | 0.76 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:57 | 72.4982639 | Deploying | 2 | 1350 | 0.92 | 0 | 0.77 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 11:58 | 72.4986111 | Deploying | 2 | 1380 | 0.92 | 0 | 0.79 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:58 | 72.4989583 | Deploying | 2 | 1410 | 0.92 | 0 | 0.81 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:59 | 72.4993056 | Deploying | 2 | 1440 | 0.92 | 0 | 0.82 | 8 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 11:59 | 72.4996528 | Deploying | 2 | 1470 | 0.91 | 0 | 0.84 | 7.95 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 12:00 | 72.5000000 | Deploying | 2 | 1500 | 0.93 | 0 | 0.86 | 7.98 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 12:00 | 72.5003472 | Deploying | 2 | 1530 | 0.92 | 0 | 0.87 | 8.02 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:01 | 72.5006944 | Deploying | 2 | 1560 | 0.92 | 0 | 0.89 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |

| Date/Time | Value | Status | c1 | c2 | c3 | c4 | c5 | c6 | c7 | c8 | c9 | c10 | c11 | c12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 12:01 | 72.5010417 | Deploying | 2 | 1590 | 0.92 | 0 | 0.91 | 8.02 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 12:02 | 72.5013889 | Deploying | 2 | 1620 | 0.92 | 0 | 0.93 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:02 | 72.5017361 | Deploying | 2 | 1650 | 0.92 | 0 | 0.94 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:03 | 72.5020833 | Deploying | 2 | 1680 | 0.92 | 0 | 0.96 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 12:03 | 72.5024306 | Deploying | 2 | 1710 | 0.92 | 0 | 0.98 | 8.02 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:03 | 72.5026620 | Winding down 1795 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:04 | 72.5027778 | Deploying | 2 | 1740 | 0.94 | 0.07 | 0.99 | 8 | 2254 | 1640 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:04 | 72.5031250 | Deploying | 2 | 1770 | 0.98 | 0.07 | 1.01 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:05 | 72.5034722 | Deploying | 2 | 1800 | 0.99 | 0.07 | 1.03 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:05 | 72.5038194 | Deploying | 2 | 1830 | 0.99 | 0.07 | 1.04 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:05 | 72.5038889 | Winding down 1497 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:06 | 72.5041667 | Deploying | 2 | 1860 | 1.04 | 0.12 | 1.06 | 7.97 | 2310 | 1731 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:06 | 72.5045139 | Deploying | 2 | 1890 | 1.05 | 0.12 | 1.08 | 8 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:07 | 72.5048611 | Deploying | 2 | 1920 | 1.05 | 0.12 | 1.1 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:07 | 72.5052083 | Deploying | 2 | 1950 | 1.05 | 0.12 | 1.11 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:07 | 72.5053356 | Winding down 1743 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:08 | 72.5055556 | Deploying | 2 | 1980 | 1.09 | 0.19 | 1.13 | 7.98 | 2228 | 1721 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:08 | 72.5059028 | Deploying | 2 | 2010 | 1.12 | 0.19 | 1.15 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:09 | 72.5062500 | Deploying | 2 | 2040 | 1.12 | 0.19 | 1.16 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:09 | 72.5065509 | Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:09 | 72.5065625 | TWI hung (2) | 5 | | | | | | | | | | | | |
| 3/12/2016 12:09 | 72.5065972 | Deploying | 2 | 2070 | 1.13 | 0.25 | 1.18 | 7.97 | 2285 | 1760 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 12:10 | 72.5069444 | Deploying | 2 | 2100 | 1.17 | 0.25 | 1.2 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:10 | 72.5072917 | Deploying | 2 | 2130 | 1.18 | 0.25 | 1.21 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:11 | 72.5076389 | Deploying | 2 | 2160 | 1.18 | 0.25 | 1.23 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:11 | 72.5077662 | Winding down 1568 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:11 | 72.5079861 | Deploying | 2 | 2190 | 1.22 | 0.3 | 1.25 | 7.97 | 2298 | 1749 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:12 | 72.5083333 | Deploying | 2 | 2220 | 1.24 | 0.3 | 1.27 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:12 | 72.5086806 | Deploying | 2 | 2250 | 1.24 | 0.3 | 1.28 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:13 | 72.5090278 | Deploying | 2 | 2280 | 1.24 | 0.3 | 1.3 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:13 | 72.5091319 | Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:13 | 72.5093750 | Deploying | 2 | 2310 | 1.29 | 0.37 | 1.32 | 8.02 | 2313 | 1755 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:14 | 72.5097222 | Deploying | 2 | 2340 | 1.31 | 0.37 | 1.33 | 8 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:14 | 72.5100694 | Deploying | 2 | 2370 | 1.31 | 0.37 | 1.35 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:15 | 72.5104167 | Deploying | 2 | 2400 | 1.31 | 0.37 | 1.37 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:15 | 72.5105324 | Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:15 | 72.5107639 | Deploying | 2 | 2430 | 1.36 | 0.43 | 1.38 | 7.97 | 2303 | 1758 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:16 | 72.5111111 | Deploying | 2 | 2460 | 1.38 | 0.43 | 1.4 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:16 | 72.5114583 | Deploying | 2 | 2490 | 1.39 | 0.43 | 1.42 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:17 | 72.5118056 | Deploying | 2 | 2520 | 1.38 | 0.43 | 1.44 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:17 | 72.5120718 | Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:17 | 72.5121528 | Deploying | 2 | 2550 | 1.4 | 0.49 | 1.45 | 7.98 | 2350 | 1740 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:18 | 72.5125000 | Deploying | 2 | 2580 | 1.45 | 0.49 | 1.47 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:18 | 72.5128472 | Deploying | 2 | 2610 | 1.45 | 0.49 | 1.49 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:19 | 72.5131944 | Deploying | 2 | 2640 | 1.45 | 0.49 | 1.5 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:19 | 72.5132176 | Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:19 | 72.5135417 | Deploying | 2 | 2670 | 1.51 | 0.55 | 1.52 | 7.97 | 2353 | 1772 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:20 | 72.5138889 | Deploying | 2 | 2700 | 1.52 | 0.55 | 1.54 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:20 | 72.5142361 | Deploying | 2 | 2730 | 1.51 | 0.55 | 1.55 | 7.97 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:21 | 72.5145833 | Deploying | 2 | 2760 | 1.52 | 0.55 | 1.57 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:21 | 72.5148727 | Winding down 1666 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:21 | 72.5149306 | Deploying | 2 | 2790 | 1.53 | 0.61 | 1.59 | 7.95 | 2297 | 1749 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:22 | 72.5152778 | Deploying | 2 | 2820 | 1.59 | 0.61 | 1.61 | 7.97 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:22 | 72.5156250 | Deploying | 2 | 2850 | 1.59 | 0.61 | 1.62 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 12:23 | 72.5159722 Deploying | 2 | 2880 | 1.58 | 0.61 | 1.64 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:23 | 72.5160069 Winding down 1380 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:23 | 72.5163194 Deploying | 2 | 2910 | 1.64 | 0.66 | 1.66 | 7.97 | 2265 | 1719 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:24 | 72.5166667 Deploying | 2 | 2940 | 1.65 | 0.66 | 1.67 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:24 | 72.5170139 Deploying | 2 | 2970 | 1.65 | 0.66 | 1.69 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:25 | 72.5173611 Deploying | 2 | 3000 | 1.65 | 0.66 | 1.71 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:25 | 72.5175116 Winding down 1546 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:25 | 72.5177083 Deploying | 2 | 3030 | 1.68 | 0.72 | 1.72 | 7.98 | 2306 | 1757 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:26 | 72.5180556 Deploying | 2 | 3060 | 1.71 | 0.72 | 1.74 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:26 | 72.5184028 Deploying | 2 | 3090 | 1.71 | 0.72 | 1.76 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:26 | 72.5186574 Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:27 | 72.5187500 Deploying | 2 | 3120 | 1.73 | 0.78 | 1.78 | 7.95 | 2288 | 1786 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:27 | 72.5190972 Deploying | 2 | 3150 | 1.78 | 0.78 | 1.79 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:28 | 72.5194444 Deploying | 2 | 3180 | 1.78 | 0.78 | 1.81 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:28 | 72.5197917 Deploying | 2 | 3210 | 1.78 | 0.78 | 1.83 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:29 | 72.5201389 Deploying | 2 | 3240 | 1.79 | 0.78 | 1.84 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:29 | 72.5201968 Winding down 1533 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:29 | 72.5204861 Deploying | 2 | 3270 | 1.84 | 0.84 | 1.86 | 7.94 | 2327 | 1777 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:30 | 72.5208333 Deploying | 2 | 3300 | 1.85 | 0.84 | 1.88 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:30 | 72.5211806 Deploying | 2 | 3330 | 1.85 | 0.84 | 1.89 | 7.97 | 0 | 0 | 0 | -3 | -6 | -4 | -6 |
| 3/12/2016 12:30 | 72.5214931 Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:31 | 72.5215278 Deploying | 2 | 3360 | 1.85 | 0.9 | 1.91 | 7.97 | 2351 | 1765 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 12:31 | 72.5218750 Deploying | 2 | 3390 | 1.92 | 0.9 | 1.93 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:32 | 72.5222222 Deploying | 2 | 3420 | 1.92 | 0.9 | 1.95 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:32 | 72.5225694 Deploying | 2 | 3450 | 1.92 | 0.9 | 1.96 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:33 | 72.5229167 Deploying | 2 | 3480 | 1.93 | 0.9 | 1.98 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:33 | 72.5229514 Winding down 1380 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:33 | 72.5232639 Deploying | 2 | 3510 | 1.98 | 0.95 | 2 | 7.97 | 2309 | 1776 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:34 | 72.5236111 Deploying | 2 | 3540 | 1.99 | 0.95 | 2.01 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:34 | 72.5239583 Deploying | 2 | 3570 | 1.98 | 0.95 | 2.03 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:35 | 72.5243056 Deploying | 2 | 3600 | 1.99 | 0.95 | 2.05 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:35 | 72.5243287 Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:35 | 72.5246528 Deploying | 2 | 3630 | 2.06 | 1.01 | 2.06 | 7.94 | 2352 | 1772 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:36 | 72.5250000 Deploying | 2 | 3660 | 2.07 | 1.01 | 2.08 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:36 | 72.5253472 Deploying | 2 | 3690 | 2.06 | 1.01 | 2.1 | 7.98 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:37 | 72.5256944 Deploying | 2 | 3720 | 2.06 | 1.01 | 2.12 | 7.97 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:37 | 72.5259259 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:37 | 72.5260417 Deploying | 2 | 3750 | 2.09 | 1.07 | 2.13 | 7.95 | 2347 | 1748 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:38 | 72.5263889 Deploying | 2 | 3780 | 2.13 | 1.07 | 2.15 | 7.92 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:38 | 72.5267361 Deploying | 2 | 3810 | 2.13 | 1.07 | 2.17 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:39 | 72.5270833 Deploying | 2 | 3840 | 2.13 | 1.07 | 2.18 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:39 | 72.5271991 Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:39 | 72.5274306 Deploying | 2 | 3870 | 2.17 | 1.13 | 2.2 | 7.94 | 2236 | 1753 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:40 | 72.5277778 Deploying | 2 | 3900 | 2.2 | 1.13 | 2.22 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:40 | 72.5281250 Deploying | 2 | 3930 | 2.19 | 1.13 | 2.23 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:41 | 72.5284722 Deploying | 2 | 3960 | 2.2 | 1.13 | 2.25 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:41 | 72.5285069 Winding down 1430 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:41 | 72.5288194 Deploying | 2 | 3990 | 2.26 | 1.19 | 2.27 | 7.94 | 2320 | 1794 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:42 | 72.5291667 Deploying | 2 | 4020 | 2.27 | 1.19 | 2.29 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:42 | 72.5295139 Deploying | 2 | 4050 | 2.26 | 1.19 | 2.3 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:43 | 72.5298611 Deploying | 2 | 4080 | 2.26 | 1.19 | 2.32 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:43 | 72.5300810 Winding down 1656 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5302083 Deploying | 2 | 4110 | 2.29 | 1.25 | 2.34 | 7.95 | 2343 | 1781 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:44 | 72.5305556 Deploying | 2 | 4140 | 2.33 | 1.25 | 2.35 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |

| Date/Time | Value / Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 12:44 | 72.5309028 Deploying | 2 | 4170 | 2.33 | 1.25 | 2.37 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:45 | 72.5312500 Deploying | 2 | 4200 | 2.32 | 1.25 | 2.39 | 7.95 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:45 | 72.5312500 Winding down 1662 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5315972 Deploying | 2 | 4230 | 2.4 | 1.31 | 2.4 | 7.95 | 2307 | 1741 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:46 | 72.5319444 Deploying | 2 | 4260 | 2.4 | 1.31 | 2.42 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:46 | 72.5322917 Deploying | 2 | 4290 | 2.4 | 1.31 | 2.44 | 7.92 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:47 | 72.5326389 Deploying | 2 | 4320 | 2.4 | 1.31 | 2.46 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:47 | 72.5327662 Winding down 1518 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:47 | 72.5329861 Deploying | 2 | 4350 | 2.45 | 1.37 | 2.47 | 7.94 | 2354 | 1786 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:48 | 72.5333333 Deploying | 2 | 4380 | 2.46 | 1.37 | 2.49 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:48 | 72.5336806 Deploying | 2 | 4410 | 2.47 | 1.37 | 2.51 | 7.94 | 0 | 0 | 0 | -4 | -6 | -4 | -6 |
| 3/12/2016 12:49 | 72.5340278 Deploying | 2 | 4440 | 2.47 | 1.37 | 2.52 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:49 | 72.5341435 Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:49 | 72.5343750 Deploying | 2 | 4470 | 2.51 | 1.43 | 2.54 | 7.94 | 2303 | 1746 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:50 | 72.5347222 Deploying | 2 | 4500 | 2.54 | 1.43 | 2.56 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:50 | 72.5350694 Deploying | 2 | 4530 | 2.54 | 1.43 | 2.57 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:51 | 72.5354167 Deploying | 2 | 4560 | 2.55 | 1.43 | 2.59 | 7.92 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:51 | 72.5356481 Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:51 | 72.5357639 Deploying | 2 | 4590 | 2.56 | 1.49 | 2.61 | 7.92 | 2348 | 1769 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:52 | 72.5361111 Deploying | 2 | 4620 | 2.6 | 1.49 | 2.63 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:52 | 72.5364583 Deploying | 2 | 4650 | 2.62 | 1.49 | 2.64 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:53 | 72.5368056 Deploying | 2 | 4680 | 2.61 | 1.49 | 2.66 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:53 | 72.5370139 Winding down 1617 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:53 | 72.5371528 Deploying | 2 | 4710 | 2.63 | 1.55 | 2.68 | 7.92 | 2341 | 1789 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 12:54 | 72.5375000 Deploying | 2 | 4740 | 2.67 | 1.55 | 2.69 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:54 | 72.5378472 Deploying | 2 | 4770 | 2.68 | 1.55 | 2.71 | 7.95 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 12:55 | 72.5381944 Deploying | 2 | 4800 | 2.68 | 1.55 | 2.73 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:55 | 72.5385301 Winding down 1623 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:55 | 72.5385417 Deploying | 2 | 4830 | 2.68 | 1.62 | 2.74 | 7.92 | 2311 | 1763 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:56 | 72.5388889 Deploying | 2 | 4860 | 2.75 | 1.62 | 2.76 | 7.95 | 2311 | 220 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 12:56 | 72.5392361 Deploying | 2 | 4890 | 2.74 | 1.62 | 2.78 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:57 | 72.5395833 Deploying | 2 | 4920 | 2.75 | 1.62 | 2.8 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:57 | 72.5398958 Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:57 | 72.5399306 Deploying | 2 | 4950 | 2.76 | 1.68 | 2.81 | 7.94 | 2352 | 1746 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:58 | 72.5402778 Deploying | 2 | 4980 | 2.81 | 1.68 | 2.83 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:58 | 72.5406250 Deploying | 2 | 5010 | 2.81 | 1.68 | 2.85 | 7.95 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 12:59 | 72.5409722 Deploying | 2 | 5040 | 2.82 | 1.68 | 2.86 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 12:59 | 72.5412847 Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:59 | 72.5413194 Deploying | 2 | 5070 | 2.82 | 1.74 | 2.88 | 7.95 | 2355 | 1814 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:00 | 72.5416667 Deploying | 2 | 5100 | 2.89 | 1.74 | 2.9 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:00 | 72.5420139 Deploying | 2 | 5130 | 2.89 | 1.74 | 2.91 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:01 | 72.5423611 Deploying | 2 | 5160 | 2.89 | 1.74 | 2.93 | 7.92 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 13:01 | 72.5427083 Deploying | 2 | 5190 | 2.89 | 1.74 | 2.95 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:01 | 72.5427199 Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:02 | 72.5430556 Deploying | 2 | 5220 | 2.94 | 1.79 | 2.97 | 7.94 | 2343 | 1740 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:02 | 72.5434028 Deploying | 2 | 5250 | 2.95 | 1.79 | 2.98 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:03 | 72.5437500 Deploying | 2 | 5280 | 2.95 | 1.79 | 3 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:03 | 72.5440162 Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:03 | 72.5440972 Deploying | 2 | 5310 | 2.96 | 1.86 | 3.02 | 7.97 | 2175 | 1746 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:04 | 72.5444444 Deploying | 2 | 5340 | 3.02 | 1.86 | 3.03 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:04 | 72.5447917 Deploying | 2 | 5370 | 3.02 | 1.86 | 3.05 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:05 | 72.5451389 Deploying | 2 | 5400 | 3.02 | 1.86 | 3.07 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:05 | 72.5454398 Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:05 | 72.5454861 Deploying | 2 | 5430 | 3.03 | 1.91 | 3.08 | 7.92 | 2339 | 1779 | 0 | -5 | -4 | -4 | -4 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 13:06 | 72.5458333 Deploying | | 2 | 5460 | 3.08 | 1.91 | 3.1 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:06 | 72.5461806 Deploying | | 2 | 5490 | 3.08 | 1.91 | 3.12 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:07 | 72.5465278 Deploying | | 2 | 5520 | 3.09 | 1.91 | 3.14 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:07 | 72.5468750 Deploying | | 2 | 5550 | 3.08 | 1.91 | 3.15 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:07 | 72.5468750 Winding down 1762 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:08 | 72.5472222 Deploying | | 2 | 5580 | 3.15 | 1.98 | 3.17 | 7.95 | 2309 | 1770 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:08 | 72.5475694 Deploying | | 2 | 5610 | 3.16 | 1.98 | 3.19 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:09 | 72.5479167 Deploying | | 2 | 5640 | 3.16 | 1.98 | 3.2 | 7.95 | 0 | 0 | 0 | -3 | -4 | -4 | -4 |
| 3/12/2016 13:09 | 72.5482292 Winding down 1570 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:09 | 72.5482639 Deploying | | 2 | 5670 | 3.17 | 2.04 | 3.22 | 7.92 | 2296 | 1753 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:10 | 72.5486111 Deploying | | 2 | 5700 | 3.22 | 2.04 | 3.24 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:10 | 72.5489583 Deploying | | 2 | 5730 | 3.23 | 2.04 | 3.25 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:11 | 72.5493056 Deploying | | 2 | 5760 | 3.23 | 2.04 | 3.27 | 7.97 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:11 | 72.5496528 Deploying | | 2 | 5790 | 3.23 | 2.04 | 3.29 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:11 | 72.5496991 Winding down 1719 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:12 | 72.5500000 Deploying | | 2 | 5820 | 3.29 | 2.1 | 3.31 | 7.92 | 2302 | 1743 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:12 | 72.5503472 Deploying | | 2 | 5850 | 3.3 | 2.1 | 3.32 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:13 | 72.5506944 Deploying | | 2 | 5880 | 3.3 | 2.1 | 3.34 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:13 | 72.5510417 Deploying | | 2 | 5910 | 3.31 | 2.1 | 3.36 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:13 | 72.5512153 Winding down 1475 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:14 | 72.5513889 Deploying | | 2 | 5940 | 3.34 | 2.16 | 3.37 | 7.97 | 2294 | 1732 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:14 | 72.5517361 Deploying | | 2 | 5970 | 3.37 | 2.16 | 3.39 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:15 | 72.5520833 Deploying | | 2 | 6000 | 3.37 | 2.16 | 3.41 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:15 | 72.5524306 Deploying | | 2 | 6030 | 3.37 | 2.16 | 3.42 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:15 | 72.5525579 Winding down 1518 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:16 | 72.5527778 Deploying | | 2 | 6060 | 3.41 | 2.22 | 3.44 | 7.95 | 2275 | 1729 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 13:16 | 72.5531250 Deploying | | 2 | 6090 | 3.43 | 2.22 | 3.46 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 13:17 | 72.5534722 Deploying | | 2 | 6120 | 3.44 | 2.22 | 3.48 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 13:17 | 72.5538194 Deploying | | 2 | 6150 | 3.44 | 2.22 | 3.49 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:17 | 72.5539468 Winding down 1568 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:18 | 72.5541667 Deploying | | 2 | 6180 | 3.48 | 2.28 | 3.51 | 7.95 | 2285 | 1754 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:18 | 72.5545139 Deploying | | 2 | 6210 | 3.51 | 2.28 | 3.53 | 7.94 | 0 | 0 | 0 | -3 | -4 | -4 | -4 |
| 3/12/2016 13:19 | 72.5548611 Deploying | | 2 | 6240 | 3.5 | 2.28 | 3.54 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 13:19 | 72.5552083 Deploying | | 2 | 6270 | 3.51 | 2.28 | 3.56 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:19 | 72.5553472 Winding down 1457 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:20 | 72.5555556 Deploying | | 2 | 6300 | 3.54 | 2.33 | 3.58 | 7.94 | 2350 | 1792 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:20 | 72.5559028 Deploying | | 2 | 6330 | 3.57 | 2.33 | 3.59 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:21 | 72.5562500 Deploying | | 2 | 6360 | 3.57 | 2.33 | 3.61 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:21 | 72.5565856 Winding down 1623 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:21 | 72.5565972 Deploying | | 2 | 6390 | 3.56 | 2.39 | 3.63 | 7.92 | 2355 | 1780 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:22 | 72.5569444 Deploying | | 2 | 6420 | 3.64 | 2.39 | 3.65 | 7.97 | 2355 | 242 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:22 | 72.5572917 Deploying | | 2 | 6450 | 3.64 | 2.39 | 3.66 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:23 | 72.5576389 Deploying | | 2 | 6480 | 3.64 | 2.39 | 3.68 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:23 | 72.5579861 Deploying | | 2 | 6510 | 3.63 | 2.39 | 3.7 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:23 | 72.5580440 Winding down 1558 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:24 | 72.5583333 Deploying | | 2 | 6540 | 3.69 | 2.45 | 3.71 | 7.94 | 2345 | 1771 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:24 | 72.5586806 Deploying | | 2 | 6570 | 3.71 | 2.45 | 3.73 | 7.97 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:25 | 72.5590278 Deploying | | 2 | 6600 | 3.71 | 2.45 | 3.75 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:25 | 72.5593750 Deploying | | 2 | 6630 | 3.71 | 2.45 | 3.76 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:25 | 72.5594444 Winding down 1572 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 13:26 | 72.5597222 Deploying | | 2 | 6660 | 3.75 | 2.51 | 3.78 | 7.94 | 2350 | 1793 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:26 | 72.5600694 Deploying | | 2 | 6690 | 3.77 | 2.51 | 3.8 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:27 | 72.5604167 Deploying | | 2 | 6720 | 3.78 | 2.51 | 3.82 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:27 | 72.5607639 Deploying | | 2 | 6750 | 3.77 | 2.51 | 3.83 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 13:27 | 72.5609028 Winding down 1707 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:28 | 72.5611111 Deploying | | 2 | 6780 | 3.81 | 2.58 | 3.85 | 7.92 | 2273 | 1765 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:28 | 72.5614583 Deploying | | 2 | 6810 | 3.84 | 2.58 | 3.87 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:29 | 72.5618056 Deploying | | 2 | 6840 | 3.85 | 2.58 | 3.88 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 13:29 | 72.5621528 Deploying | | 2 | 6870 | 3.85 | 2.58 | 3.9 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:29 | 72.5622685 Winding down 1329 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:30 | 72.5625000 Deploying | | 2 | 6900 | 3.88 | 2.63 | 3.92 | 7.95 | 2307 | 1758 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 13:30 | 72.5628472 Deploying | | 2 | 6930 | 3.9 | 2.63 | 3.93 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 13:31 | 72.5631944 Deploying | | 2 | 6960 | 3.9 | 2.63 | 3.95 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:31 | 72.5635301 Winding down 1748 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:31 | 72.5635417 Deploying | | 2 | 6990 | 3.9 | 2.69 | 3.97 | 7.94 | 2326 | 1748 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 13:32 | 72.5638889 Deploying | | 2 | 7020 | 3.97 | 2.69 | 3.99 | 7.94 | 2326 | 231 | 0 | -3 | -4 | -4 | -4 |
| 3/12/2016 13:32 | 72.5642361 Deploying | | 2 | 7050 | 3.98 | 2.69 | 4 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:33 | 72.5645833 Deploying | | 2 | 7080 | 3.98 | 2.69 | 4.02 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:33 | 72.5649306 Deploying | | 2 | 7110 | 3.98 | 2.69 | 4.04 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:33 | 72.5650231 Winding down 1550 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:34 | 72.5652778 Deploying | | 2 | 7140 | 4.02 | 2.75 | 4.05 | 7.98 | 2307 | 1807 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:34 | 72.5656250 Deploying | | 2 | 7170 | 4.04 | 2.75 | 4.07 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/12/2016 13:35 | 72.5659722 Deploying | | 2 | 7200 | 4.04 | 2.75 | 4.09 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:35 | 72.5662616 Winding down 1591 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:35 | 72.5663194 Deploying | | 2 | 7230 | 4.05 | 2.81 | 4.1 | 7.9 | 2261 | 1789 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:36 | 72.5666667 Deploying | | 2 | 7260 | 4.12 | 2.81 | 4.12 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:36 | 72.5670139 Deploying | | 2 | 7290 | 4.12 | 2.81 | 4.14 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:37 | 72.5673611 Deploying | | 2 | 7320 | 4.12 | 2.81 | 4.16 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:37 | 72.5677083 Deploying | | 2 | 7350 | 4.11 | 2.81 | 4.17 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:37 | 72.5678472 Winding down 1682 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:38 | 72.5680556 Deploying | | 2 | 7380 | 4.15 | 2.88 | 4.19 | 7.92 | 2298 | 1769 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:38 | 72.5684028 Deploying | | 2 | 7410 | 4.18 | 2.88 | 4.21 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:39 | 72.5687500 Deploying | | 2 | 7440 | 4.18 | 2.88 | 4.22 | 7.92 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:39 | 72.5690972 Deploying | | 2 | 7470 | 4.18 | 2.88 | 4.24 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:39 | 72.5691551 Winding down 1608 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:40 | 72.5694444 Deploying | | 2 | 7500 | 4.25 | 2.94 | 4.26 | 7.95 | 2299 | 1783 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:40 | 72.5697917 Deploying | | 2 | 7530 | 4.26 | 2.94 | 4.27 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:41 | 72.5701389 Deploying | | 2 | 7560 | 4.25 | 2.94 | 4.29 | 7.92 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:41 | 72.5704861 Deploying | | 2 | 7590 | 4.26 | 2.94 | 4.31 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:41 | 72.5706829 Winding down 1403 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:42 | 72.5708333 Deploying | | 2 | 7620 | 4.29 | 2.99 | 4.33 | 7.92 | 2300 | 1798 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:42 | 72.5711806 Deploying | | 2 | 7650 | 4.31 | 2.99 | 4.34 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:43 | 72.5715278 Deploying | | 2 | 7680 | 4.32 | 2.99 | 4.36 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:43 | 72.5718750 Deploying | | 2 | 7710 | 4.32 | 2.99 | 4.38 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:43 | 72.5720486 Winding down 1649 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:44 | 72.5722222 Deploying | | 2 | 7740 | 4.35 | 3.05 | 4.39 | 7.92 | 2306 | 1777 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:44 | 72.5725694 Deploying | | 2 | 7770 | 4.38 | 3.05 | 4.41 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:45 | 72.5729167 Deploying | | 2 | 7800 | 4.39 | 3.05 | 4.43 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:45 | 72.5732639 Deploying | | 2 | 7830 | 4.39 | 3.05 | 4.44 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:45 | 72.5733218 Winding down 1358 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:46 | 72.5736111 Deploying | | 2 | 7860 | 4.44 | 3.1 | 4.46 | 7.94 | 2309 | 1806 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:46 | 72.5739583 Deploying | | 2 | 7890 | 4.46 | 3.1 | 4.48 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:47 | 72.5743056 Deploying | | 2 | 7920 | 4.45 | 3.1 | 4.5 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:47 | 72.5746528 Deploying | | 2 | 7950 | 4.45 | 3.1 | 4.51 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:47 | 72.5747454 Winding down 1625 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:48 | 72.5750000 Deploying | | 2 | 7980 | 4.5 | 3.17 | 4.53 | 7.95 | 2352 | 1741 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:48 | 72.5753472 Deploying | | 2 | 8010 | 4.51 | 3.17 | 4.55 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:49 | 72.5756944 Deploying | | 2 | 8040 | 4.52 | 3.17 | 4.56 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |

| Date/Time | Value | Status | | Col | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 | V10 | V11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 13:49 | 72.5759838 | Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:49 | 72.5760417 | Deploying | 2 | 8070 | 4.52 | 3.23 | 4.58 | 7.94 | 2300 | 1765 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:50 | 72.5763889 | Deploying | 2 | 8100 | 4.59 | 3.23 | 4.6 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:50 | 72.5767361 | Deploying | 2 | 8130 | 4.59 | 3.23 | 4.61 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:51 | 72.5770833 | Deploying | 2 | 8160 | 4.59 | 3.23 | 4.63 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:51 | 72.5774190 | Winding down 1548 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:51 | 72.5774306 | Deploying | 2 | 8190 | 4.59 | 3.28 | 4.65 | 7.94 | 2286 | 1763 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:52 | 72.5777778 | Deploying | 2 | 8220 | 4.64 | 3.28 | 4.67 | 7.94 | 2286 | 263 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:52 | 72.5781250 | Deploying | 2 | 8250 | 4.65 | 3.28 | 4.68 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:53 | 72.5784722 | Deploying | 2 | 8280 | 4.65 | 3.28 | 4.7 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:53 | 72.5787269 | Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:53 | 72.5788194 | Deploying | 2 | 8310 | 4.67 | 3.34 | 4.72 | 7.9 | 2300 | 1769 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:54 | 72.5791667 | Deploying | 2 | 8340 | 4.73 | 3.34 | 4.73 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:54 | 72.5795139 | Deploying | 2 | 8370 | 4.73 | 3.34 | 4.75 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:55 | 72.5798611 | Deploying | 2 | 8400 | 4.73 | 3.34 | 4.77 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:55 | 72.5802083 | Deploying | 2 | 8430 | 4.73 | 3.34 | 4.78 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:55 | 72.5802894 | Winding down 1386 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:56 | 72.5805556 | Deploying | 2 | 8460 | 4.78 | 3.4 | 4.8 | 7.92 | 2303 | 1780 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:56 | 72.5809028 | Deploying | 2 | 8490 | 4.79 | 3.4 | 4.82 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:57 | 72.5812500 | Deploying | 2 | 8520 | 4.78 | 3.4 | 4.84 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:57 | 72.5814583 | Winding down 1542 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:57 | 72.5815972 | Deploying | 2 | 8550 | 4.81 | 3.46 | 4.85 | 7.92 | 2312 | 1769 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:58 | 72.5819444 | Deploying | 2 | 8580 | 4.86 | 3.46 | 4.87 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 13:58 | 72.5822917 | Deploying | 2 | 8610 | 4.85 | 3.46 | 4.89 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 13:59 | 72.5826389 | Deploying | 2 | 8640 | 4.85 | 3.46 | 4.9 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 13:59 | 72.5828704 | Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:59 | 72.5829861 | Deploying | 2 | 8670 | 4.87 | 3.52 | 4.92 | 7.92 | 2298 | 1767 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 14:00 | 72.5833333 | Deploying | 2 | 8700 | 4.92 | 3.52 | 4.94 | 7.92 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:00 | 72.5836806 | Deploying | 2 | 8730 | 4.92 | 3.52 | 4.95 | 7.92 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:01 | 72.5840278 | Deploying | 2 | 8760 | 4.92 | 3.52 | 4.97 | 7.92 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:01 | 72.5843750 | Deploying | 2 | 8790 | 4.93 | 3.52 | 4.99 | 7.9 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 14:01 | 72.5843750 | Winding down 1537 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:02 | 72.5847222 | Deploying | 2 | 8820 | 4.99 | 3.58 | 5.01 | 7.92 | 2348 | 1745 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:02 | 72.5850694 | Deploying | 2 | 8850 | 4.99 | 3.58 | 5.02 | 7.98 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:03 | 72.5854167 | Deploying | 2 | 8880 | 4.99 | 3.58 | 5.04 | 7.95 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:03 | 72.5856713 | Winding down 1624 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:03 | 72.5857639 | Deploying | 2 | 8910 | 5.01 | 3.64 | 5.06 | 7.94 | 2300 | 1799 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:04 | 72.5861111 | Deploying | 2 | 8940 | 5.06 | 3.64 | 5.07 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:04 | 72.5864583 | Deploying | 2 | 8970 | 5.05 | 3.64 | 5.09 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:05 | 72.5868056 | Deploying | 2 | 9000 | 5.06 | 3.64 | 5.11 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:05 | 72.5870370 | Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:05 | 72.5871528 | Deploying | 2 | 9030 | 5.08 | 3.7 | 5.12 | 7.94 | 2345 | 1767 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:06 | 72.5875000 | Deploying | 2 | 9060 | 5.12 | 3.7 | 5.14 | 7.95 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:06 | 72.5878472 | Deploying | 2 | 9090 | 5.12 | 3.7 | 5.16 | 7.94 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:07 | 72.5881944 | Deploying | 2 | 9120 | 5.12 | 3.7 | 5.18 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:07 | 72.5883912 | Winding down 1578 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:07 | 72.5885417 | Deploying | 2 | 9150 | 5.16 | 3.76 | 5.19 | 7.92 | 2353 | 1780 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:08 | 72.5888889 | Deploying | 2 | 9180 | 5.19 | 3.76 | 5.21 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:08 | 72.5892361 | Deploying | 2 | 9210 | 5.2 | 3.76 | 5.23 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:09 | 72.5895833 | Deploying | 2 | 9240 | 5.19 | 3.76 | 5.24 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:09 | 72.5898264 | Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:09 | 72.5899306 | Deploying | 2 | 9270 | 5.22 | 3.82 | 5.26 | 7.9 | 2302 | 1736 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:10 | 72.5902778 | Deploying | 2 | 9300 | 5.26 | 3.82 | 5.28 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:10 | 72.5906250 | Deploying | 2 | 9330 | 5.27 | 3.82 | 5.29 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:11 | 72.5909722 | Deploying | 2 | 9360 | 5.27 | 3.82 | 5.31 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:11 | 72.5913194 | Deploying | 2 | 9390 | 5.27 | 3.82 | 5.33 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:11 | 72.5914236 | Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:12 | 72.5916667 | Deploying | 2 | 9420 | 5.31 | 3.88 | 5.35 | 7.92 | 2305 | 1791 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:12 | 72.5920139 | Deploying | 2 | 9450 | 5.33 | 3.88 | 5.36 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:13 | 72.5923611 | Deploying | 2 | 9480 | 5.33 | 3.88 | 5.38 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:13 | 72.5926157 | Winding down 1349 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:13 | 72.5927083 | Deploying | 2 | 9510 | 5.35 | 3.93 | 5.4 | 7.94 | 2298 | 1733 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:14 | 72.5930556 | Deploying | 2 | 9540 | 5.4 | 3.93 | 5.41 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:14 | 72.5934028 | Deploying | 2 | 9570 | 5.39 | 3.93 | 5.43 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:15 | 72.5937500 | Deploying | 2 | 9600 | 5.39 | 3.93 | 5.45 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:15 | 72.5939005 | Winding down 1596 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:15 | 72.5940972 | Deploying | 2 | 9630 | 5.43 | 4 | 5.46 | 7.92 | 2304 | 1778 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:16 | 72.5944444 | Deploying | 2 | 9660 | 5.45 | 4 | 5.48 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:16 | 72.5947917 | Deploying | 2 | 9690 | 5.46 | 4 | 5.5 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:17 | 72.5951389 | Deploying | 2 | 9720 | 5.46 | 4 | 5.52 | 7.9 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:17 | 72.5952894 | Winding down 1596 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:17 | 72.5954861 | Deploying | 2 | 9750 | 5.5 | 4.06 | 5.53 | 7.89 | 2343 | 1782 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:18 | 72.5958333 | Deploying | 2 | 9780 | 5.53 | 4.06 | 5.55 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:18 | 72.5961806 | Deploying | 2 | 9810 | 5.53 | 4.06 | 5.57 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:19 | 72.5965278 | Deploying | 2 | 9840 | 5.53 | 4.06 | 5.58 | 7.87 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:19 | 72.5967130 | Winding down 1639 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:19 | 72.5968750 | Deploying | 2 | 9870 | 5.56 | 4.12 | 5.6 | 7.94 | 2256 | 1753 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:20 | 72.5972222 | Deploying | 2 | 9900 | 5.6 | 4.12 | 5.62 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:20 | 72.5975694 | Deploying | 2 | 9930 | 5.59 | 4.12 | 5.63 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:21 | 72.5979167 | Deploying | 2 | 9960 | 5.59 | 4.12 | 5.65 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:21 | 72.5979514 | Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:21 | 72.5982639 | Deploying | 2 | 9990 | 5.64 | 4.18 | 5.67 | 7.92 | 2353 | 1776 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:22 | 72.5986111 | Deploying | 2 | 10020 | 5.66 | 4.18 | 5.69 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:22 | 72.5989583 | Deploying | 2 | 10050 | 5.67 | 4.18 | 5.7 | 7.92 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:23 | 72.5993056 | Deploying | 2 | 10080 | 5.67 | 4.18 | 5.72 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:23 | 72.5993750 | Winding down 1422 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:23 | 72.5996528 | Deploying | 2 | 10110 | 5.71 | 4.23 | 5.74 | 7.92 | 2341 | 1787 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:24 | 72.6000000 | Deploying | 2 | 10140 | 5.73 | 4.23 | 5.75 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:24 | 72.6003472 | Deploying | 2 | 10170 | 5.74 | 4.23 | 5.77 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:25 | 72.6006944 | Deploying | 2 | 10200 | 5.73 | 4.23 | 5.79 | 7.94 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:25 | 72.6008912 | Winding down 1753 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:25 | 72.6010417 | Deploying | 2 | 10230 | 5.76 | 4.3 | 5.8 | 7.92 | 2307 | 1792 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:26 | 72.6013889 | Deploying | 2 | 10260 | 5.8 | 4.3 | 5.82 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:26 | 72.6017361 | Deploying | 2 | 10290 | 5.8 | 4.3 | 5.84 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:26 | 72.6020602 | Winding down 1459 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:27 | 72.6020833 | Deploying | 2 | 10320 | 5.8 | 4.36 | 5.86 | 7.81 | 2335 | 1757 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:27 | 72.6024306 | Deploying | 2 | 10350 | 5.87 | 4.36 | 5.87 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:28 | 72.6027778 | Deploying | 2 | 10380 | 5.86 | 4.36 | 5.89 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:28 | 72.6031250 | Deploying | 2 | 10410 | 5.86 | 4.36 | 5.91 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:29 | 72.6034722 | Deploying | 2 | 10440 | 5.87 | 4.36 | 5.92 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:29 | 72.6035995 | Winding down 1593 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:29 | 72.6038194 | Deploying | 2 | 10470 | 5.9 | 4.42 | 5.94 | 7.9 | 2300 | 1755 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:30 | 72.6041667 | Deploying | 2 | 10500 | 5.93 | 4.42 | 5.96 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:30 | 72.6045139 | Deploying | 2 | 10530 | 5.93 | 4.42 | 5.97 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:31 | 72.6048611 | Deploying | 2 | 10560 | 5.93 | 4.42 | 5.99 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:31 | 72.6049306 | Winding down 1722 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:31 | 72.6052083 | Deploying | 2 | 10590 | 5.98 | 4.48 | 6.01 | 7.9 | 2307 | 1783 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:32 | 72.6055556 | Deploying | 2 | 10620 | 6 | 4.48 | 6.03 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:32 | 72.6059028 Deploying | 2 | 10650 | 6.01 | 4.48 | 6.04 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:33 | 72.6062500 Deploying | 2 | 10680 | 6 | 4.48 | 6.06 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:33 | 72.6063079 Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:33 | 72.6065972 Deploying | 2 | 10710 | 6.05 | 4.54 | 6.08 | 7.87 | 2296 | 1805 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:34 | 72.6069444 Deploying | 2 | 10740 | 6.07 | 4.54 | 6.09 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:34 | 72.6072917 Deploying | 2 | 10770 | 6.07 | 4.54 | 6.11 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:34 | 72.6075810 Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:35 | 72.6076389 Deploying | 2 | 10800 | 6.07 | 4.6 | 6.13 | 7.89 | 2334 | 1767 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:35 | 72.6079861 Deploying | 2 | 10830 | 6.14 | 4.6 | 6.14 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:36 | 72.6083333 Deploying | 2 | 10860 | 6.15 | 4.6 | 6.16 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:36 | 72.6086806 Deploying | 2 | 10890 | 6.15 | 4.6 | 6.18 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:37 | 72.6090278 Deploying | 2 | 10920 | 6.14 | 4.6 | 6.2 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:37 | 72.6092361 Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:37 | 72.6093750 Deploying | 2 | 10950 | 6.17 | 4.66 | 6.21 | 7.9 | 2301 | 1774 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:38 | 72.6097222 Deploying | 2 | 10980 | 6.2 | 4.66 | 6.23 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:38 | 72.6100694 Deploying | 2 | 11010 | 6.21 | 4.66 | 6.25 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:39 | 72.6104167 Deploying | 2 | 11040 | 6.2 | 4.66 | 6.26 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:39 | 72.6104861 Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:39 | 72.6107639 Deploying | 2 | 11070 | 6.26 | 4.72 | 6.28 | 7.9 | 2300 | 1765 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:40 | 72.6111111 Deploying | 2 | 11100 | 6.28 | 4.72 | 6.3 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:40 | 72.6114583 Deploying | 2 | 11130 | 6.28 | 4.72 | 6.31 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:41 | 72.6118056 Deploying | 2 | 11160 | 6.28 | 4.72 | 6.33 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:41 | 72.6119907 Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:41 | 72.6121528 Deploying | 2 | 11190 | 6.31 | 4.78 | 6.35 | 7.87 | 2238 | 1753 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:42 | 72.6125000 Deploying | 2 | 11220 | 6.34 | 4.78 | 6.37 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:42 | 72.6128472 Deploying | 2 | 11250 | 6.35 | 4.78 | 6.38 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:43 | 72.6131944 Deploying | 2 | 11280 | 6.34 | 4.78 | 6.4 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:43 | 72.6133565 Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:43 | 72.6135417 Deploying | 2 | 11310 | 6.39 | 4.85 | 6.42 | 7.92 | 2294 | 1746 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:44 | 72.6138889 Deploying | 2 | 11340 | 6.42 | 4.85 | 6.43 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:44 | 72.6142361 Deploying | 2 | 11370 | 6.42 | 4.85 | 6.45 | 7.87 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:45 | 72.6145833 Deploying | 2 | 11400 | 6.42 | 4.85 | 6.47 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:45 | 72.6149306 Deploying | 2 | 11430 | 6.42 | 4.85 | 6.48 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:45 | 72.6149306 Winding down 1637 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:46 | 72.6152778 Deploying | 2 | 11460 | 6.49 | 4.91 | 6.5 | 7.92 | 2309 | 1776 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:46 | 72.6156250 Deploying | 2 | 11490 | 6.49 | 4.91 | 6.52 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:47 | 72.6159722 Deploying | 2 | 11520 | 6.49 | 4.91 | 6.54 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:47 | 72.6162616 Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:47 | 72.6163194 Deploying | 2 | 11550 | 6.5 | 4.97 | 6.55 | 7.89 | 2319 | 1747 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:48 | 72.6166667 Deploying | 2 | 11580 | 6.55 | 4.97 | 6.57 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:48 | 72.6170139 Deploying | 2 | 11610 | 6.55 | 4.97 | 6.59 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:49 | 72.6173611 Deploying | 2 | 11640 | 6.55 | 4.97 | 6.6 | 7.89 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:49 | 72.6175810 Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:49 | 72.6177083 Deploying | 2 | 11670 | 6.58 | 5.03 | 6.62 | 7.87 | 2302 | 1762 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:50 | 72.6180556 Deploying | 2 | 11700 | 6.62 | 5.03 | 6.64 | 7.89 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:50 | 72.6184028 Deploying | 2 | 11730 | 6.62 | 5.03 | 6.65 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:51 | 72.6187500 Deploying | 2 | 11760 | 6.62 | 5.03 | 6.67 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:51 | 72.6189815 Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:51 | 72.6190972 Deploying | 2 | 11790 | 6.65 | 5.09 | 6.69 | 7.92 | 2350 | 1795 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:52 | 72.6194444 Deploying | 2 | 11820 | 6.68 | 5.09 | 6.71 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:52 | 72.6197917 Deploying | 2 | 11850 | 6.68 | 5.09 | 6.72 | 7.87 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 14:53 | 72.6201389 Deploying | 2 | 11880 | 6.68 | 5.09 | 6.74 | 7.89 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:53 | 72.6201968 Winding down 1533 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:53 | 72.6204861 Deploying | 2 | 11910 | 6.69 | 5.15 | 6.76 | 7.9 | 5 | 0 | 0 | -4 | -5 | -4 | -5 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:53 | 72.6205671 Winding down 1811 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:54 | 72.6208333 Deploying | 2 | 11940 | 6.75 | 5.21 | 6.77 | 7.87 | 2310 | 1791 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 14:54 | 72.6211806 Deploying | 2 | 11970 | 6.78 | 5.21 | 6.79 | 7.92 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:55 | 72.6215278 Deploying | 2 | 12000 | 6.76 | 5.21 | 6.81 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:55 | 72.6218634 Winding down 1373 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:55 | 72.6218750 Deploying | 2 | 12030 | 6.77 | 5.27 | 6.82 | 7.9 | 2343 | 1793 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:56 | 72.6222222 Deploying | 2 | 12060 | 6.84 | 5.27 | 6.84 | 7.89 | 2343 | 228 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:56 | 72.6225694 Deploying | 2 | 12090 | 6.82 | 5.27 | 6.86 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:57 | 72.6229167 Deploying | 2 | 12120 | 6.83 | 5.27 | 6.88 | 7.9 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:57 | 72.6232639 Deploying | 2 | 12150 | 6.83 | 5.27 | 6.89 | 7.87 | 0 | 0 | 0 | -5 | -6 | -4 | -6 |
| 3/12/2016 14:57 | 72.6233912 Winding down 1818 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:58 | 72.6236111 Deploying | 2 | 12180 | 6.88 | 5.34 | 6.91 | 7.89 | 2325 | 1770 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:58 | 72.6239583 Deploying | 2 | 12210 | 6.91 | 5.34 | 6.93 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 14:59 | 72.6243056 Deploying | 2 | 12240 | 6.91 | 5.34 | 6.94 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 14:59 | 72.6246528 Deploying | 2 | 12270 | 6.92 | 5.34 | 6.96 | 7.89 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:00 | 72.6250000 Deploying | 2 | 12300 | 6.92 | 5.34 | 6.98 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:00 | 72.6250463 Winding down 1669 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:00 | 72.6253472 Deploying | 2 | 12330 | 6.97 | 5.4 | 6.99 | 7.87 | 2260 | 1700 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:01 | 72.6256944 Deploying | 2 | 12360 | 6.99 | 5.4 | 7.01 | 7.87 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 15:01 | 72.6260417 Deploying | 2 | 12390 | 6.98 | 5.4 | 7.03 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:01 | 72.6262384 Winding down 1328 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:02 | 72.6263889 Deploying | 2 | 12420 | 7 | 5.45 | 7.05 | 7.87 | 2288 | 1705 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:02 | 72.6267361 Deploying | 2 | 12450 | 7.03 | 5.45 | 7.06 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:03 | 72.6270833 Deploying | 2 | 12480 | 7.03 | 5.45 | 7.08 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:03 | 72.6274306 Deploying | 2 | 12510 | 7.04 | 5.45 | 7.1 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:03 | 72.6275810 Winding down 1746 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:04 | 72.6277778 Deploying | 2 | 12540 | 7.07 | 5.52 | 7.11 | 7.89 | 2283 | 1688 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:04 | 72.6281250 Deploying | 2 | 12570 | 7.11 | 5.52 | 7.13 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:05 | 72.6284722 Deploying | 2 | 12600 | 7.11 | 5.52 | 7.15 | 7.89 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:05 | 72.6288194 Deploying | 2 | 12630 | 7.11 | 5.52 | 7.16 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:05 | 72.6288542 Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:06 | 72.6291667 Deploying | 2 | 12660 | 7.16 | 5.57 | 7.18 | 7.89 | 2249 | 1703 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 15:06 | 72.6295139 Deploying | 2 | 12690 | 7.17 | 5.57 | 7.2 | 7.87 | 0 | 0 | 0 | -5 | -4 | -3 | -4 |
| 3/12/2016 15:07 | 72.6298611 Deploying | 2 | 12720 | 7.17 | 5.57 | 7.22 | 7.87 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 15:07 | 72.6301620 Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:07 | 72.6302083 Deploying | 2 | 12750 | 7.17 | 5.64 | 7.23 | 7.9 | 2167 | 1685 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:08 | 72.6305556 Deploying | 2 | 12780 | 7.23 | 5.64 | 7.25 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:08 | 72.6309028 Deploying | 2 | 12810 | 7.25 | 5.64 | 7.27 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:09 | 72.6312500 Deploying | 2 | 12840 | 7.24 | 5.64 | 7.28 | 7.86 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 15:09 | 72.6315972 Deploying | 2 | 12870 | 7.24 | 5.64 | 7.3 | 7.89 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:09 | 72.6316782 Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:10 | 72.6319444 Deploying | 2 | 12900 | 7.29 | 5.69 | 7.32 | 7.89 | 2180 | 1679 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:10 | 72.6322917 Deploying | 2 | 12930 | 7.3 | 5.69 | 7.33 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:11 | 72.6326389 Deploying | 2 | 12960 | 7.3 | 5.69 | 7.35 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:11 | 72.6328935 Winding down 1649 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:11 | 72.6329861 Deploying | 2 | 12990 | 7.32 | 5.76 | 7.37 | 7.89 | 2282 | 1698 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:12 | 72.6333333 Deploying | 2 | 13020 | 7.37 | 5.76 | 7.39 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:12 | 72.6336806 Deploying | 2 | 13050 | 7.37 | 5.76 | 7.4 | 7.9 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:13 | 72.6340278 Deploying | 2 | 13080 | 7.37 | 5.76 | 7.42 | 7.89 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 15:13 | 72.6343750 Deploying | 2 | 13110 | 7.38 | 5.76 | 7.44 | 7.89 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 15:13 | 72.6344676 Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:14 | 72.6347222 Deploying | 2 | 13140 | 7.42 | 5.81 | 7.45 | 7.89 | 2274 | 1707 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:14 | 72.6350694 Deploying | 2 | 13170 | 7.43 | 5.81 | 7.47 | 7.87 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 15:15 | 72.6354167 Deploying | 2 | 13200 | 7.45 | 5.81 | 7.49 | 7.9 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 15:15 | 72.6357639 Deploying | 2 | 13230 | 7.44 | 5.81 | 7.5 | 7.89 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:15 | 72.6358102 Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:16 | 72.6361111 Deploying | 2 | 13260 | 7.49 | 5.88 | 7.52 | 7.9 | 2301 | 1708 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 15:16 | 72.6364583 Deploying | 2 | 13290 | 7.51 | 5.88 | 7.54 | 7.87 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 15:17 | 72.6368056 Deploying | 2 | 13320 | 7.5 | 5.88 | 7.56 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:17 | 72.6369792 Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:17 | 72.6371528 Deploying | 2 | 13350 | 7.54 | 5.94 | 7.57 | 7.86 | 2171 | 1684 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 15:18 | 72.6375000 Deploying | 2 | 13380 | 7.58 | 5.94 | 7.59 | 7.87 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 15:18 | 72.6378472 Deploying | 2 | 13410 | 7.58 | 5.94 | 7.61 | 7.89 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:19 | 72.6381944 Deploying | 2 | 13440 | 7.59 | 5.94 | 7.62 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:19 | 72.6385417 Deploying | 2 | 13470 | 7.58 | 5.94 | 7.64 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:19 | 72.6386690 Winding down 1818 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:20 | 72.6388889 Deploying | 2 | 13500 | 7.62 | 6.01 | 7.66 | 7.86 | 2175 | 1687 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:20 | 72.6392361 Deploying | 2 | 13530 | 7.65 | 6.01 | 7.67 | 7.89 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 15:21 | 72.6395833 Deploying | 2 | 13560 | 7.65 | 6.01 | 7.69 | 7.87 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 15:21 | 72.6399306 Deploying | 2 | 13590 | 7.65 | 6.01 | 7.71 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:21 | 72.6400347 Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:22 | 72.6402778 Deploying | 2 | 13620 | 7.7 | 6.07 | 7.73 | 7.86 | 2306 | 1697 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:22 | 72.6406250 Deploying | 2 | 13650 | 7.73 | 6.07 | 7.74 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:23 | 72.6409722 Deploying | 2 | 13680 | 7.72 | 6.07 | 7.76 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:23 | 72.6413194 Deploying | 2 | 13710 | 7.72 | 6.07 | 7.78 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:23 | 72.6415162 Winding down 1503 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:24 | 72.6416667 Deploying | 2 | 13740 | 7.75 | 6.13 | 7.79 | 7.86 | 2188 | 1671 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:24 | 72.6420139 Deploying | 2 | 13770 | 7.79 | 6.13 | 7.81 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:25 | 72.6423611 Deploying | 2 | 13800 | 7.78 | 6.13 | 7.83 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:25 | 72.6427083 Deploying | 2 | 13830 | 7.79 | 6.13 | 7.84 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:25 | 72.6427778 Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6430556 Deploying | 2 | 13860 | 7.85 | 6.18 | 7.86 | 7.87 | 2287 | 1703 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 15:26 | 72.6434028 Deploying | 2 | 13890 | 7.85 | 6.18 | 7.88 | 7.86 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 15:27 | 72.6437500 Deploying | 2 | 13920 | 7.85 | 6.18 | 7.9 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:27 | 72.6440972 Deploying | 2 | 13950 | 7.85 | 6.18 | 7.91 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:27 | 72.6441319 Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:28 | 72.6444444 Deploying | 2 | 13980 | 7.92 | 6.25 | 7.93 | 7.89 | 2288 | 1711 | 0 | -6 | -3 | -4 | -3 |
| 3/12/2016 15:28 | 72.6447917 Deploying | 2 | 14010 | 7.93 | 6.25 | 7.95 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:29 | 72.6451389 Deploying | 2 | 14040 | 7.93 | 6.25 | 7.96 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:29 | 72.6454861 Deploying | 2 | 14070 | 7.94 | 6.25 | 7.98 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:30 | 72.6458333 Deploying | 2 | 14100 | 7.93 | 6.25 | 8 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:30 | 72.6458681 Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:30 | 72.6461806 Deploying | 2 | 14130 | 7.99 | 6.32 | 8.01 | 7.89 | 2292 | 1704 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:31 | 72.6465278 Deploying | 2 | 14160 | 8.01 | 6.32 | 8.03 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:31 | 72.6468750 Deploying | 2 | 14190 | 8 | 6.32 | 8.05 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:32 | 72.6472222 Deploying | 2 | 14220 | 8.02 | 6.32 | 8.07 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:32 | 72.6475231 Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:32 | 72.6475694 Deploying | 2 | 14250 | 8.02 | 6.38 | 8.08 | 7.87 | 2300 | 1719 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:33 | 72.6479167 Deploying | 2 | 14280 | 8.08 | 6.38 | 8.1 | 7.89 | 0 | 0 | 0 | -6 | -4 | -5 | -4 |
| 3/12/2016 15:33 | 72.6482639 Deploying | 2 | 14310 | 8.08 | 6.38 | 8.12 | 7.86 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:34 | 72.6486111 Deploying | 2 | 14340 | 8.08 | 6.38 | 8.13 | 7.84 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 15:34 | 72.6487384 Winding down 1718 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:34 | 72.6489583 Deploying | 2 | 14370 | 8.11 | 6.44 | 8.15 | 7.89 | 2293 | 1737 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:35 | 72.6493056 Deploying | 2 | 14400 | 8.16 | 6.44 | 8.17 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:35 | 72.6496528 Deploying | 2 | 14430 | 8.16 | 6.44 | 8.18 | 7.89 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:36 | 72.6500000 Deploying | 2 | 14460 | 8.15 | 6.44 | 8.2 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:36 | 72.6502894 Winding down 1466 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:36 | 72.6503472 Deploying | 2 | 14490 | 8.16 | 6.5 | 8.22 | 7.86 | 2300 | 1694 | 0 | -3 | -5 | -4 | -5 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 15:37 | 72.6506944 Deploying | | 2 | 14520 | 8.22 | 6.5 | 8.24 | 7.87 | 0 | 0 | 0 | -5 | -3 | -4 | -3 |
| 3/12/2016 15:37 | 72.6510417 Deploying | | 2 | 14550 | 8.22 | 6.5 | 8.25 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:38 | 72.6513889 Deploying | | 2 | 14580 | 8.22 | 6.5 | 8.27 | 7.84 | 0 | 0 | 0 | -5 | -3 | -4 | -3 |
| 3/12/2016 15:38 | 72.6515278 Winding down 1707 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:38 | 72.6517361 Deploying | | 2 | 14610 | 8.26 | 6.56 | 8.29 | 7.87 | 2304 | 1689 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:39 | 72.6520833 Deploying | | 2 | 14640 | 8.28 | 6.56 | 8.3 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:39 | 72.6524306 Deploying | | 2 | 14670 | 8.29 | 6.56 | 8.32 | 7.86 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 15:40 | 72.6527778 Deploying | | 2 | 14700 | 8.29 | 6.56 | 8.34 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:40 | 72.6531250 Deploying | | 2 | 14730 | 8.29 | 6.56 | 8.35 | 7.84 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:40 | 72.6531597 Winding down 1680 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:41 | 72.6534722 Deploying | | 2 | 14760 | 8.36 | 6.63 | 8.37 | 7.89 | 2300 | 1694 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:41 | 72.6538194 Deploying | | 2 | 14790 | 8.36 | 6.63 | 8.39 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:42 | 72.6541667 Deploying | | 2 | 14820 | 8.37 | 6.63 | 8.41 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:42 | 72.6545139 Deploying | | 2 | 14850 | 8.37 | 6.63 | 8.42 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:42 | 72.6546528 Winding down 1632 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:43 | 72.6548611 Deploying | | 2 | 14880 | 8.41 | 6.69 | 8.44 | 7.89 | 2283 | 1677 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:43 | 72.6552083 Deploying | | 2 | 14910 | 8.43 | 6.69 | 8.46 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:44 | 72.6555556 Deploying | | 2 | 14940 | 8.43 | 6.69 | 8.47 | 7.89 | 0 | 0 | 0 | -6 | -3 | -4 | -3 |
| 3/12/2016 15:44 | 72.6559028 Deploying | | 2 | 14970 | 8.43 | 6.69 | 8.49 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:44 | 72.6559606 Winding down 1508 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:45 | 72.6562500 Deploying | | 2 | 15000 | 8.48 | 6.75 | 8.51 | 7.87 | 2185 | 1704 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:45 | 72.6565972 Deploying | | 2 | 15030 | 8.5 | 6.75 | 8.52 | 7.9 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:46 | 72.6569444 Deploying | | 2 | 15060 | 8.51 | 6.75 | 8.54 | 7.87 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:46 | 72.6572917 Deploying | | 2 | 15090 | 8.5 | 6.75 | 8.56 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:46 | 72.6573843 Winding down 1625 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:47 | 72.6576389 Deploying | | 2 | 15120 | 8.55 | 6.81 | 8.58 | 7.9 | 2162 | 1688 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:47 | 72.6579861 Deploying | | 2 | 15150 | 8.56 | 6.81 | 8.59 | 7.87 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:48 | 72.6583333 Deploying | | 2 | 15180 | 8.56 | 6.81 | 8.61 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:48 | 72.6585995 Winding down 1638 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:48 | 72.6586806 Deploying | | 2 | 15210 | 8.57 | 6.87 | 8.63 | 7.9 | 2184 | 1684 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:49 | 72.6590278 Deploying | | 2 | 15240 | 8.63 | 6.87 | 8.64 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:49 | 72.6593750 Deploying | | 2 | 15270 | 8.62 | 6.87 | 8.66 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 15:50 | 72.6597222 Deploying | | 2 | 15300 | 8.63 | 6.87 | 8.68 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:50 | 72.6599190 Winding down 1378 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:50 | 72.6600694 Deploying | | 2 | 15330 | 8.66 | 6.93 | 8.69 | 7.86 | 2238 | 1684 | 0 | -5 | -6 | -4 | -6 |
| 3/12/2016 15:51 | 72.6604167 Deploying | | 2 | 15360 | 8.69 | 6.93 | 8.71 | 7.89 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:51 | 72.6607639 Deploying | | 2 | 15390 | 8.69 | 6.93 | 8.73 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:52 | 72.6611111 Deploying | | 2 | 15420 | 8.7 | 6.93 | 8.75 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:52 | 72.6614583 Deploying | | 2 | 15450 | 8.69 | 6.93 | 8.76 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:52 | 72.6614815 Winding down 1915 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:53 | 72.6618056 Deploying | | 2 | 15480 | 8.76 | 7 | 8.78 | 7.89 | 2167 | 1688 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:53 | 72.6621528 Deploying | | 2 | 15510 | 8.78 | 7 | 8.8 | 7.89 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 15:54 | 72.6625000 Deploying | | 2 | 15540 | 8.77 | 7 | 8.81 | 7.87 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 15:54 | 72.6628472 Deploying | | 2 | 15570 | 8.78 | 7 | 8.83 | 7.89 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 15:54 | 72.6629745 Winding down 1618 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:55 | 72.6631944 Deploying | | 2 | 15600 | 8.82 | 7.06 | 8.85 | 7.9 | 2307 | 1764 | 0 | -4 | -5 | -5 | -5 |
| 3/12/2016 15:55 | 72.6635417 Deploying | | 2 | 15630 | 8.84 | 7.06 | 8.86 | 7.89 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:56 | 72.6638889 Deploying | | 2 | 15660 | 8.84 | 7.06 | 8.88 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:56 | 72.6642361 Deploying | | 2 | 15690 | 8.85 | 7.06 | 8.9 | 7.87 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 15:57 | 72.6645833 Deploying | | 2 | 15720 | 8.85 | 7.06 | 8.92 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:57 | 72.6646065 Winding down 1715 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 15:57 | 72.6649306 Deploying | | 2 | 15750 | 8.91 | 7.13 | 8.93 | 7.87 | 2179 | 1713 | 0 | -4 | -5 | -5 | -5 |
| 3/12/2016 15:58 | 72.6652778 Deploying | | 2 | 15780 | 8.92 | 7.13 | 8.95 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 15:58 | 72.6656250 Deploying | | 2 | 15810 | 8.92 | 7.13 | 8.97 | 7.9 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 15:58 | 72.6657986 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:59 | 72.6659722 | Deploying | 2 | 15840 | 8.94 | 7.19 | 8.98 | 7.86 | 2288 | 1717 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 15:59 | 72.6663194 | Deploying | 2 | 15870 | 8.98 | 7.19 | 9 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:00 | 72.6666667 | Deploying | 2 | 15900 | 8.99 | 7.19 | 9.02 | 7.89 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:00 | 72.6670139 | Deploying | 2 | 15930 | 8.99 | 7.19 | 9.03 | 7.87 | 0 | 0 | 0 | -6 | -4 | -5 | -4 |
| 3/12/2016 16:00 | 72.6672338 | Winding down 1456 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:01 | 72.6673611 | Deploying | 2 | 15960 | 9.01 | 7.24 | 9.05 | 7.89 | 2328 | 1755 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:01 | 72.6677083 | Deploying | 2 | 15990 | 9.06 | 7.24 | 9.07 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:02 | 72.6680556 | Deploying | 2 | 16020 | 9.05 | 7.24 | 9.09 | 7.89 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:02 | 72.6684028 | Deploying | 2 | 16050 | 9.04 | 7.24 | 9.1 | 7.9 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:02 | 72.6684722 | Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:03 | 72.6687500 | Deploying | 2 | 16080 | 9.1 | 7.3 | 9.12 | 7.89 | 2288 | 1718 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:03 | 72.6690972 | Deploying | 2 | 16110 | 9.11 | 7.3 | 9.14 | 7.89 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:04 | 72.6694444 | Deploying | 2 | 16140 | 9.12 | 7.3 | 9.15 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:04 | 72.6697917 | Deploying | 2 | 16170 | 9.12 | 7.3 | 9.17 | 7.86 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:04 | 72.6700347 | Winding down 1810 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:05 | 72.6701389 | Deploying | 2 | 16200 | 9.13 | 7.37 | 9.19 | 7.89 | 2307 | 1744 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:05 | 72.6704861 | Deploying | 2 | 16230 | 9.19 | 7.37 | 9.2 | 7.87 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:06 | 72.6708333 | Deploying | 2 | 16260 | 9.19 | 7.37 | 9.22 | 7.86 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 16:06 | 72.6711806 | Deploying | 2 | 16290 | 9.2 | 7.37 | 9.24 | 7.87 | 0 | 0 | 0 | -6 | -5 | -4 | -5 |
| 3/12/2016 16:07 | 72.6715278 | Deploying | 2 | 16320 | 9.19 | 7.37 | 9.26 | 7.86 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 16:07 | 72.6715741 | Winding down 1694 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:07 | 72.6718750 | Deploying | 2 | 16350 | 9.25 | 7.43 | 9.27 | 7.92 | 2226 | 1727 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:08 | 72.6722222 | Deploying | 2 | 16380 | 9.27 | 7.43 | 9.29 | 7.87 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:08 | 72.6725694 | Deploying | 2 | 16410 | 9.27 | 7.43 | 9.31 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:09 | 72.6729167 | Deploying | 2 | 16440 | 9.26 | 7.43 | 9.32 | 7.89 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:09 | 72.6729630 | Winding down 1444 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:09 | 72.6732639 | Deploying | 2 | 16470 | 9.33 | 7.49 | 9.34 | 7.87 | 2298 | 1727 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:10 | 72.6736111 | Deploying | 2 | 16500 | 9.33 | 7.49 | 9.36 | 7.9 | 0 | 0 | 0 | -4 | -6 | -4 | -6 |
| 3/12/2016 16:10 | 72.6739583 | Deploying | 2 | 16530 | 9.34 | 7.49 | 9.37 | 7.89 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:11 | 72.6743056 | Deploying | 2 | 16560 | 9.33 | 7.49 | 9.39 | 7.86 | 0 | 0 | 0 | -4 | -6 | -5 | -6 |
| 3/12/2016 16:11 | 72.6744444 | Winding down 1657 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:11 | 72.6746528 | Deploying | 2 | 16590 | 9.38 | 7.55 | 9.41 | 7.86 | 2336 | 1745 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:12 | 72.6750000 | Deploying | 2 | 16620 | 9.41 | 7.55 | 9.43 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:12 | 72.6753472 | Deploying | 2 | 16650 | 9.4 | 7.55 | 9.44 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:13 | 72.6756944 | Deploying | 2 | 16680 | 9.4 | 7.55 | 9.46 | 7.89 | 0 | 0 | 0 | -4 | -6 | -4 | -6 |
| 3/12/2016 16:13 | 72.6757639 | Winding down 1597 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:13 | 72.6760417 | Deploying | 2 | 16710 | 9.46 | 7.61 | 9.48 | 7.84 | 2302 | 1730 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:14 | 72.6763889 | Deploying | 2 | 16740 | 9.46 | 7.61 | 9.49 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:14 | 72.6767361 | Deploying | 2 | 16770 | 9.47 | 7.61 | 9.51 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:15 | 72.6770833 | Deploying | 2 | 16800 | 9.46 | 7.61 | 9.53 | 7.87 | 0 | 0 | 0 | -4 | -6 | -4 | -6 |
| 3/12/2016 16:15 | 72.6770833 | Winding down 1637 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:15 | 72.6774306 | Deploying | 2 | 16830 | 9.53 | 7.67 | 9.54 | 7.84 | 2305 | 1742 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:16 | 72.6777778 | Deploying | 2 | 16860 | 9.54 | 7.67 | 9.56 | 7.86 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 16:16 | 72.6781250 | Deploying | 2 | 16890 | 9.53 | 7.67 | 9.58 | 7.86 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:16 | 72.6784606 | Winding down 1473 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:17 | 72.6784722 | Deploying | 2 | 16920 | 9.54 | 7.73 | 9.6 | 7.87 | 2295 | 1724 | 0 | -6 | -5 | -4 | -5 |
| 3/12/2016 16:17 | 72.6788194 | Deploying | 2 | 16950 | 9.6 | 7.73 | 9.61 | 7.86 | 2295 | 213 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:18 | 72.6791667 | Deploying | 2 | 16980 | 9.61 | 7.73 | 9.63 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:18 | 72.6795139 | Deploying | 2 | 17010 | 9.6 | 7.73 | 9.65 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:18 | 72.6797685 | Winding down 1499 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:19 | 72.6798611 | Deploying | 2 | 17040 | 9.61 | 7.79 | 9.66 | 7.86 | 2293 | 1736 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:19 | 72.6802083 | Deploying | 2 | 17070 | 9.66 | 7.79 | 9.68 | 7.89 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:20 | 72.6805556 | Deploying | 2 | 17100 | 9.66 | 7.79 | 9.7 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |

| 3/12/2016 16:20 | 72.6809028 Deploying | 2 | 17130 | 9.67 | 7.79 | 9.71 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:20 | 72.6811921 Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:21 | 72.6812500 Deploying | 2 | 17160 | 9.67 | 7.85 | 9.73 | 7.89 | 2303 | 1729 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:21 | 72.6815972 Deploying | 2 | 17190 | 9.74 | 7.85 | 9.75 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:22 | 72.6819444 Deploying | 2 | 17220 | 9.73 | 7.85 | 9.77 | 7.86 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:22 | 72.6822917 Deploying | 2 | 17250 | 9.73 | 7.85 | 9.78 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:22 | 72.6825000 Winding down 1317 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:23 | 72.6826389 Deploying | 2 | 17280 | 9.77 | 7.9 | 9.8 | 7.89 | 2288 | 1716 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:23 | 72.6829861 Deploying | 2 | 17310 | 9.79 | 7.9 | 9.82 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:24 | 72.6833333 Deploying | 2 | 17340 | 9.8 | 7.9 | 9.83 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:24 | 72.6836806 Deploying | 2 | 17370 | 9.81 | 7.9 | 9.85 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:25 | 72.6840278 Deploying | 2 | 17400 | 9.8 | 7.9 | 9.87 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:25 | 72.6841898 Winding down 1985 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:25 | 72.6843750 Deploying | 2 | 17430 | 9.85 | 7.98 | 9.88 | 7.86 | 2342 | 1761 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:26 | 72.6847222 Deploying | 2 | 17460 | 9.89 | 7.98 | 9.9 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:26 | 72.6850694 Deploying | 2 | 17490 | 9.89 | 7.98 | 9.92 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:27 | 72.6854167 Deploying | 2 | 17520 | 9.89 | 7.98 | 9.94 | 7.86 | 0 | 0 | 0 | -3 | -5 | -4 | -5 |
| 3/12/2016 16:27 | 72.6857639 Deploying | 2 | 17550 | 9.88 | 7.98 | 9.95 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:27 | 72.6857639 Winding down 1862 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:28 | 72.6861111 Deploying | 2 | 17580 | 9.96 | 8.05 | 9.97 | 7.86 | 2306 | 1719 | 0 | -6 | -5 | -4 | -5 |
| 3/12/2016 16:28 | 72.6864583 Deploying | 2 | 17610 | 9.97 | 8.05 | 9.99 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:29 | 72.6868056 Deploying | 2 | 17640 | 9.97 | 8.05 | 10 | 7.89 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:29 | 72.6871528 Deploying | 2 | 17670 | 9.97 | 8.05 | 10.02 | 7.87 | 0 | 0 | 0 | -5 | -3 | -4 | -3 |
| 3/12/2016 16:29 | 72.6873148 Winding down 1335 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:30 | 72.6875000 Deploying | 2 | 17700 | 10 | 8.1 | 10.04 | 7.84 | 2303 | 1705 | 0 | -5 | -3 | -4 | -3 |
| 3/12/2016 16:30 | 72.6878472 Deploying | 2 | 17730 | 10.02 | 8.1 | 10.05 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:31 | 72.6881944 Deploying | 2 | 17760 | 10.03 | 8.1 | 10.07 | 7.86 | 0 | 0 | 0 | -3 | -4 | -4 | -4 |
| 3/12/2016 16:31 | 72.6885417 Deploying | 2 | 17790 | 10.03 | 8.1 | 10.09 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:31 | 72.6886111 Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:32 | 72.6888889 Deploying | 2 | 17820 | 10.07 | 8.16 | 10.11 | 7.89 | 2147 | 1692 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:32 | 72.6892361 Deploying | 2 | 17850 | 10.09 | 8.16 | 10.12 | 7.9 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:33 | 72.6895833 Deploying | 2 | 17880 | 10.11 | 8.16 | 10.14 | 7.87 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:33 | 72.6899306 Deploying | 2 | 17910 | 10.1 | 8.16 | 10.16 | 7.86 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/12/2016 16:33 | 72.6900579 Winding down 1693 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:34 | 72.6902778 Deploying | 2 | 17940 | 10.14 | 8.22 | 10.17 | 7.86 | 2300 | 1734 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:34 | 72.6906250 Deploying | 2 | 17970 | 10.17 | 8.22 | 10.19 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:35 | 72.6909722 Deploying | 2 | 18000 | 10.17 | 8.22 | 10.21 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:35 | 72.6913194 Deploying | 2 | 18030 | 10.18 | 8.22 | 10.22 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:35 | 72.6915856 Winding down 1613 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:36 | 72.6916667 Deploying | 2 | 18060 | 10.19 | 8.28 | 10.24 | 7.86 | 2297 | 1719 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:36 | 72.6920139 Deploying | 2 | 18090 | 10.24 | 8.28 | 10.26 | 7.87 | 0 | 0 | 0 | -5 | -3 | -4 | -3 |
| 3/12/2016 16:37 | 72.6923611 Deploying | 2 | 18120 | 10.25 | 8.28 | 10.28 | 7.84 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:37 | 72.6927083 Deploying | 2 | 18150 | 10.25 | 8.28 | 10.29 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:37 | 72.6930440 Winding down 1448 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:38 | 72.6930556 Deploying | 2 | 18180 | 10.25 | 8.34 | 10.31 | 7.86 | 2294 | 1745 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:38 | 72.6934028 Deploying | 2 | 18210 | 10.31 | 8.34 | 10.33 | 7.84 | 2294 | 200 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:39 | 72.6937500 Deploying | 2 | 18240 | 10.3 | 8.34 | 10.34 | 7.83 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:39 | 72.6940972 Deploying | 2 | 18270 | 10.31 | 8.34 | 10.36 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:39 | 72.6943866 Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:40 | 72.6944444 Deploying | 2 | 18300 | 10.32 | 8.4 | 10.38 | 7.86 | 2292 | 1721 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:40 | 72.6947917 Deploying | 2 | 18330 | 10.37 | 8.4 | 10.39 | 7.86 | 0 | 0 | 0 | -6 | -3 | -4 | -3 |
| 3/12/2016 16:41 | 72.6951389 Deploying | 2 | 18360 | 10.38 | 8.4 | 10.41 | 7.87 | 0 | 0 | 0 | -4 | -6 | -4 | -6 |
| 3/12/2016 16:41 | 72.6954861 Deploying | 2 | 18390 | 10.39 | 8.4 | 10.43 | 7.87 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:42 | 72.6958333 Deploying | 2 | 18420 | 10.38 | 8.4 | 10.45 | 7.86 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:42 | 72.6959144 Winding down 1661 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:42 | 72.6961806 Deploying | 2 | 18450 | 10.43 | 8.46 | 10.46 | 7.83 | 2276 | 1727 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:43 | 72.6965278 Deploying | 2 | 18480 | 10.44 | 8.46 | 10.48 | 7.89 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:43 | 72.6968750 Deploying | 2 | 18510 | 10.46 | 8.46 | 10.5 | 7.86 | 0 | 0 | 0 | -4 | -6 | -4 | -6 |
| 3/12/2016 16:44 | 72.6972222 Deploying | 2 | 18540 | 10.46 | 8.46 | 10.51 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:44 | 72.6972454 Winding down 1490 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:44 | 72.6975694 Deploying | 2 | 18570 | 10.52 | 8.52 | 10.53 | 7.84 | 2349 | 1720 | 0 | -4 | -6 | -4 | -6 |
| 3/12/2016 16:45 | 72.6979167 Deploying | 2 | 18600 | 10.52 | 8.52 | 10.55 | 7.84 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:45 | 72.6982639 Deploying | 2 | 18630 | 10.53 | 8.52 | 10.56 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:46 | 72.6986111 Deploying | 2 | 18660 | 10.52 | 8.52 | 10.58 | 7.86 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 3/12/2016 16:46 | 72.6988310 Winding down 1706 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:46 | 72.6989583 Deploying | 2 | 18690 | 10.55 | 8.59 | 10.6 | 7.83 | 2310 | 1767 | 0 | -3 | -5 | -4 | -5 |
| 3/12/2016 16:47 | 72.6993056 Deploying | 2 | 18720 | 10.6 | 8.59 | 10.62 | 7.83 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:47 | 72.6996528 Deploying | 2 | 18750 | 10.59 | 8.59 | 10.63 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:48 | 72.7000000 Deploying | 2 | 18780 | 10.6 | 8.59 | 10.65 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:48 | 72.7002199 Winding down 1481 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:48 | 72.7003472 Deploying | 2 | 18810 | 10.62 | 8.64 | 10.67 | 7.83 | 2291 | 1716 | 0 | -3 | -5 | -4 | -5 |
| 3/12/2016 16:49 | 72.7006944 Deploying | 2 | 18840 | 10.67 | 8.64 | 10.68 | 7.83 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:49 | 72.7010417 Deploying | 2 | 18870 | 10.67 | 8.64 | 10.7 | 7.84 | 0 | 0 | 0 | -5 | -3 | -4 | -3 |
| 3/12/2016 16:50 | 72.7013889 Deploying | 2 | 18900 | 10.67 | 8.64 | 10.72 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:50 | 72.7017361 Deploying | 2 | 18930 | 10.67 | 8.64 | 10.73 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:50 | 72.7017593 Winding down 1640 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:51 | 72.7020833 Deploying | 2 | 18960 | 10.72 | 8.71 | 10.75 | 7.84 | 2188 | 1708 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:51 | 72.7024306 Deploying | 2 | 18990 | 10.74 | 8.71 | 10.77 | 7.84 | 0 | 0 | 0 | -4 | -5 | -5 | -5 |
| 3/12/2016 16:52 | 72.7027778 Deploying | 2 | 19020 | 10.73 | 8.71 | 10.79 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:52 | 72.7029051 Winding down 1418 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:52 | 72.7031250 Deploying | 2 | 19050 | 10.78 | 8.76 | 10.8 | 7.86 | 2300 | 1723 | 0 | -5 | -3 | -4 | -3 |
| 3/12/2016 16:53 | 72.7034722 Deploying | 2 | 19080 | 10.82 | 8.76 | 10.82 | 7.83 | 0 | 0 | 0 | -6 | -4 | -5 | -4 |
| 3/12/2016 16:53 | 72.7038194 Deploying | 2 | 19110 | 10.81 | 8.76 | 10.84 | 7.83 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 16:54 | 72.7041667 Deploying | 2 | 19140 | 10.83 | 8.76 | 10.85 | 7.83 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 16:54 | 72.7045139 Deploying | 2 | 19170 | 10.84 | 8.76 | 10.87 | 7.84 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 16:55 | 72.7048611 Deploying | 2 | 19200 | 10.87 | 8.76 | 10.89 | 7.84 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:55 | 72.7052083 Deploying | 2 | 19230 | 10.85 | 8.76 | 10.9 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:55 | 72.7054630 Winding down 1874 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:56 | 72.7055556 Deploying | 2 | 19260 | 10.87 | 8.83 | 10.92 | 7.84 | 2264 | 1713 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:56 | 72.7059028 Deploying | 2 | 19290 | 10.95 | 8.83 | 10.94 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:57 | 72.7062500 Deploying | 2 | 19320 | 10.94 | 8.83 | 10.96 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 16:57 | 72.7065972 Deploying | 2 | 19350 | 10.96 | 8.83 | 10.97 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:58 | 72.7069444 Deploying | 2 | 19380 | 10.97 | 8.83 | 10.99 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 16:58 | 72.7072917 Deploying | 2 | 19410 | 10.96 | 8.83 | 11.01 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:59 | 72.7076389 Deploying | 2 | 19440 | 10.98 | 8.83 | 11.02 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 16:59 | 72.7079398 Winding down 1955 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:59 | 72.7079861 Deploying | 2 | 19470 | 10.97 | 8.91 | 11.04 | 7.87 | 2304 | 1737 | 0 | -5 | -6 | -4 | -6 |
| 3/12/2016 17:00 | 72.7083333 Deploying | 2 | 19500 | 11.04 | 8.91 | 11.06 | 7.86 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 17:00 | 72.7086806 Deploying | 2 | 19530 | 11.04 | 8.91 | 11.07 | 7.86 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 17:01 | 72.7090278 Deploying | 2 | 19560 | 11.05 | 8.91 | 11.09 | 7.84 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 17:01 | 72.7093750 Deploying | 2 | 19590 | 11.04 | 8.91 | 11.11 | 7.84 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:01 | 72.7093750 Winding down 1662 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 17:02 | 72.7097222 Deploying | 2 | 19620 | 11.14 | 8.97 | 11.13 | 7.86 | 2355 | 1735 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:02 | 72.7100694 Deploying | 2 | 19650 | 11.15 | 8.97 | 11.14 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:03 | 72.7104167 Deploying | 2 | 19680 | 11.12 | 8.97 | 11.16 | 7.83 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:03 | 72.7107639 Deploying | 2 | 19710 | 11.14 | 8.97 | 11.18 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:04 | 72.7111111 Deploying | 2 | 19740 | 11.15 | 8.97 | 11.19 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:04 | 72.7113889 Winding down 1352 ticks | 3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:04 | 72.7114583 Deploying | 2 | 19770 | 11.16 | 9.02 | 11.21 | 7.83 | 2333 | 1748 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:05 | 72.7118056 Deploying | 2 | 19800 | 11.21 | 9.02 | 11.23 | 7.87 | 0 | 0 | 0 | -6 | -5 | -4 | -5 |
| 3/12/2016 17:05 | 72.7121528 Deploying | 2 | 19830 | 11.19 | 9.02 | 11.24 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:05 | 72.7124306 Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:06 | 72.7125000 Deploying | 2 | 19860 | 11.22 | 9.08 | 11.26 | 7.84 | 2299 | 1719 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 17:06 | 72.7128472 Deploying | 2 | 19890 | 11.26 | 9.08 | 11.28 | 7.86 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:07 | 72.7131944 Deploying | 2 | 19920 | 11.26 | 9.08 | 11.3 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:07 | 72.7135417 Deploying | 2 | 19950 | 11.28 | 9.08 | 11.31 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:08 | 72.7138889 Deploying | 2 | 19980 | 11.27 | 9.08 | 11.33 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:08 | 72.7140625 Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:08 | 72.7142361 Deploying | 2 | 20010 | 11.3 | 9.15 | 11.35 | 7.84 | 2254 | 1716 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:09 | 72.7145833 Deploying | 2 | 20040 | 11.34 | 9.15 | 11.36 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 17:09 | 72.7149306 Deploying | 2 | 20070 | 11.33 | 9.15 | 11.38 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:10 | 72.7152778 Deploying | 2 | 20100 | 11.35 | 9.15 | 11.4 | 7.84 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:10 | 72.7153935 Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:10 | 72.7156250 Deploying | 2 | 20130 | 11.39 | 9.21 | 11.41 | 7.84 | 2177 | 1709 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 17:11 | 72.7159722 Deploying | 2 | 20160 | 11.43 | 9.21 | 11.43 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:11 | 72.7163194 Deploying | 2 | 20190 | 11.45 | 9.21 | 11.45 | 7.83 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:12 | 72.7166667 Deploying | 2 | 20220 | 11.43 | 9.21 | 11.47 | 7.84 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 17:12 | 72.7170139 Deploying | 2 | 20250 | 11.42 | 9.21 | 11.48 | 7.81 | 0 | 0 | 0 | -6 | -4 | -5 | -4 |
| 3/12/2016 17:12 | 72.7170255 Winding down 1651 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:13 | 72.7173611 Deploying | 2 | 20280 | 11.49 | 9.28 | 11.5 | 7.83 | 2249 | 1736 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 17:13 | 72.7177083 Deploying | 2 | 20310 | 11.51 | 9.28 | 11.52 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:14 | 72.7180556 Deploying | 2 | 20340 | 11.5 | 9.28 | 11.53 | 7.86 | 0 | 0 | 0 | -6 | -5 | -4 | -5 |
| 3/12/2016 17:14 | 72.7184028 Deploying | 2 | 20370 | 11.5 | 9.28 | 11.55 | 7.81 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:15 | 72.7187500 Deploying | 2 | 20400 | 11.52 | 9.28 | 11.57 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 17:15 | 72.7189931 Winding down 1885 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:15 | 72.7190972 Deploying | 2 | 20430 | 11.53 | 9.35 | 11.58 | 7.84 | 2248 | 1706 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:16 | 72.7194444 Deploying | 2 | 20460 | 11.6 | 9.35 | 11.6 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:16 | 72.7197917 Deploying | 2 | 20490 | 11.59 | 9.35 | 11.62 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:17 | 72.7201389 Deploying | 2 | 20520 | 11.58 | 9.35 | 11.64 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:17 | 72.7202778 Winding down 1707 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:17 | 72.7204861 Deploying | 2 | 20550 | 11.64 | 9.41 | 11.65 | 7.84 | 2208 | 1712 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 17:18 | 72.7208333 Deploying | 2 | 20580 | 11.65 | 9.41 | 11.67 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:18 | 72.7211806 Deploying | 2 | 20610 | 11.66 | 9.41 | 11.69 | 7.83 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:19 | 72.7215278 Deploying | 2 | 20640 | 11.66 | 9.41 | 11.7 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:19 | 72.7218750 Deploying | 2 | 20670 | 11.65 | 9.41 | 11.72 | 7.81 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| [chFR)11 | #VALUE! | 5 | | | | | | | | | | | | |
| 3/12/2016 17:19 | 72.7218981 Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:20 | 72.7222222 Deploying | 2 | 20700 | 11.72 | 9.48 | 11.74 | 7.79 | 2301 | 1724 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:20 | 72.7225694 Deploying | 2 | 20730 | 11.74 | 9.48 | 11.75 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:21 | 72.7229167 Deploying | 2 | 20760 | 11.74 | 9.48 | 11.77 | 7.81 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 17:21 | 72.7232639 Deploying | 2 | 20790 | 11.74 | 9.48 | 11.79 | 7.81 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:21 | 72.7233681 Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:22 | 72.7236111 Deploying | 2 | 20820 | 11.79 | 9.54 | 11.81 | 7.84 | 2301 | 1729 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 17:22 | 72.7239583 Deploying | 2 | 20850 | 11.81 | 9.54 | 11.82 | 7.83 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:23 | 72.7243056 Deploying | 2 | 20880 | 11.82 | 9.54 | 11.84 | 7.84 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 17:23 | 72.7246528 Deploying | 2 | 20910 | 11.83 | 9.54 | 11.86 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:24 | 72.7250000 Deploying | 2 | 20940 | 11.83 | 9.54 | 11.87 | 7.81 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:24 | 72.7252662 Winding down 1938 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:24 | 72.7253472 Deploying | 2 | 20970 | 11.81 | 9.62 | 11.89 | 7.84 | 2297 | 1753 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:25 | 72.7256944 Deploying | 2 | 21000 | 11.93 | 9.62 | 11.91 | 7.84 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 17:25 | 72.7260417 Deploying | 2 | 21030 | 11.89 | 9.62 | 11.92 | 7.79 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 17:26 | 72.7263889 Deploying | 2 | 21060 | 11.89 | 9.62 | 11.94 | 7.84 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |

| Date | Time | Value | Description | State | c1 | c2 | c3 | c4 | c5 | c6 | c7 | c8 | c9 | c10 | c11 | c12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 | 17:26 | 72.7265278 | Winding down 1382 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:26 | 72.7267361 | Deploying | 2 | 21090 | 11.92 | 9.67 | 11.96 | 7.81 | 2336 | 1749 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:27 | 72.7270833 | Deploying | 2 | 21120 | 11.94 | 9.67 | 11.98 | 7.84 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 | 17:27 | 72.7274306 | Deploying | 2 | 21150 | 11.95 | 9.67 | 11.99 | 7.83 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 | 17:28 | 72.7277778 | Deploying | 2 | 21180 | 11.97 | 9.67 | 12.01 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 | 17:28 | 72.7281250 | Deploying | 2 | 21210 | 11.96 | 9.67 | 12.03 | 7.79 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:28 | 72.7281597 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:29 | 72.7284722 | Deploying | 2 | 21240 | 12.01 | 9.74 | 12.04 | 7.83 | 2304 | 1724 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 | 17:29 | 72.7288194 | Deploying | 2 | 21270 | 12.01 | 9.74 | 12.06 | 7.83 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 | 17:29 | 72.7289352 | Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:30 | 72.7291667 | Deploying | 2 | 21300 | 12.07 | 9.8 | 12.08 | 7.84 | 2304 | 1716 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 | 17:30 | 72.7295139 | Deploying | 2 | 21330 | 12.09 | 9.8 | 12.09 | 7.86 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:31 | 72.7298611 | Deploying | 2 | 21360 | 12.11 | 9.8 | 12.11 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 | 17:31 | 72.7302083 | Deploying | 2 | 21390 | 12.11 | 9.8 | 12.13 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 | 17:32 | 72.7305556 | Deploying | 2 | 21420 | 12.1 | 9.8 | 12.15 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:32 | 72.7309028 | Deploying | 2 | 21450 | 12.09 | 9.8 | 12.16 | 7.81 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 | 17:32 | 72.7310648 | Winding down 2210 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:33 | 72.7312500 | Deploying | 2 | 21480 | 12.14 | 9.88 | 12.18 | 7.84 | 2304 | 1727 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 | 17:33 | 72.7315972 | Deploying | 2 | 21510 | 12.18 | 9.88 | 12.2 | 7.81 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 | 17:34 | 72.7319444 | Deploying | 2 | 21540 | 12.19 | 9.88 | 12.21 | 7.83 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 | 17:34 | 72.7322917 | Deploying | 2 | 21570 | 12.2 | 9.88 | 12.23 | 7.84 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 | 17:34 | 72.7325810 | Winding down 1416 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:35 | 72.7326389 | Deploying | 2 | 21600 | 12.2 | 9.94 | 12.25 | 7.83 | 2278 | 1747 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:35 | 72.7329861 | Deploying | 2 | 21630 | 12.26 | 9.94 | 12.26 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:36 | 72.7333333 | Deploying | 2 | 21660 | 12.25 | 9.94 | 12.28 | 7.84 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 | 17:36 | 72.7336806 | Deploying | 2 | 21690 | 12.27 | 9.94 | 12.3 | 7.81 | 0 | 0 | 0 | -6 | -5 | -4 | -5 |
| 3/12/2016 | 17:37 | 72.7340278 | Deploying | 2 | 21720 | 12.25 | 9.94 | 12.32 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:37 | 72.7342708 | Winding down 1860 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:37 | 72.7343750 | Deploying | 2 | 21750 | 12.28 | 10.01 | 12.33 | 7.84 | 2186 | 1716 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 | 17:38 | 72.7347222 | Deploying | 2 | 21780 | 12.35 | 10.01 | 12.35 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:38 | 72.7350694 | Deploying | 2 | 21810 | 12.35 | 10.01 | 12.37 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:39 | 72.7354167 | Deploying | 2 | 21840 | 12.34 | 10.01 | 12.38 | 7.81 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:39 | 72.7357639 | Deploying | 2 | 21870 | 12.33 | 10.01 | 12.4 | 7.86 | 0 | 0 | 0 | -5 | -5 | -4 | -5 |
| 3/12/2016 | 17:39 | 72.7358102 | Winding down 1969 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:40 | 72.7361111 | Deploying | 2 | 21900 | 12.4 | 10.08 | 12.42 | 7.83 | 2357 | 1738 | 0 | -5 | -4 | -4 | -4 |
| 3/12/2016 | 17:40 | 72.7364583 | Deploying | 2 | 21930 | 12.43 | 10.08 | 12.43 | 7.83 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 | 17:41 | 72.7368056 | Deploying | 2 | 21960 | 12.41 | 10.08 | 12.45 | 7.83 | 0 | 0 | 0 | -6 | -7 | -5 | -7 |
| 3/12/2016 | 17:41 | 72.7371528 | Deploying | 2 | 21990 | 12.44 | 10.08 | 12.47 | 7.81 | 0 | 0 | 0 | -8 | -10 | -7 | -10 |
| 3/12/2016 | 17:42 | 72.7375000 | Deploying | 2 | 22020 | 12.44 | 10.08 | 12.49 | 7.84 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/12/2016 | 17:42 | 72.7378009 | Winding down 1780 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:42 | 72.7378472 | Deploying | 2 | 22050 | 12.43 | 10.15 | 12.5 | 7.84 | 2308 | 1732 | 0 | -9 | -8 | -8 | -8 |
| 3/12/2016 | 17:43 | 72.7381944 | Deploying | 2 | 22080 | 12.51 | 10.15 | 12.52 | 7.83 | 0 | 0 | 1 | -9 | -28 | -10 | -28 |
| 3/12/2016 | 17:43 | 72.7385417 | Deploying | 2 | 22110 | 12.5 | 10.15 | 12.54 | 7.81 | 0 | 0 | 1 | -4 | -4 | -11 | -4 |
| 3/12/2016 | 17:43 | 72.7386227 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7386227 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7386574 | Winding up 1674 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7386806 | Winding up 2800 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7386921 | Winding up 3449 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7387153 | Winding up 4774 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7387269 | Winding up 5375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7387616 | Winding up 6999 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7388426 | TWI hung (2) | 5 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7388426 | Winding up 9724 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 | 17:43 | 72.7388657 | Winding up 10374 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:44 | 72.7388889 Rewinding | 5 | 22117 | 12.37 | 9.24 | 11.95 | 7.3 | 1157 | 933 |
| 3/12/2016 17:44 | 72.7389931 Winding up 12650 ticks | 3 | | | | | | | |
| 3/12/2016 17:44 | 72.7391435 Winding up 12424 ticks | 3 | | | | | | | |
| 3/12/2016 17:44 | 72.7392361 Rewinding | 5 | 22117 | 11.65 | 8.27 | 11.2 | 7.4 | 1149 | 917 |
| 3/12/2016 17:44 | 72.7392940 Winding up 11100 ticks | 3 | | | | | | | |
| 3/12/2016 17:44 | 72.7394329 Winding up 9949 ticks | 3 | | | | | | | |
| 3/12/2016 17:44 | 72.7395486 Winding up 9299 ticks | 3 | | | | | | | |
| 3/12/2016 17:45 | 72.7395833 Rewinding | 5 | 22117 | 10.79 | 7.11 | 10.45 | 7.25 | 1159 | 872 |
| 3/12/2016 17:45 | 72.7396644 Winding up 8400 ticks | 3 | | | | | | | |
| 3/12/2016 17:45 | 72.7396991 Winding up 8349 ticks | 3 | | | | | | | |
| 3/12/2016 17:45 | 72.7398032 Winding up 7575 ticks | 3 | | | | | | | |
| 3/12/2016 17:45 | 72.7398958 Winding up 6874 ticks | 3 | | | | | | | |
| 3/12/2016 17:45 | 72.7399306 Rewinding | 5 | 22117 | 9.94 | 6.14 | 9.7 | 7.37 | 1159 | 918 |
| 3/12/2016 17:45 | 72.7399769 Winding up 6225 ticks | 3 | | | | | | | |
| 3/12/2016 17:45 | 72.7400579 Winding up 5400 ticks | 3 | | | | | | | |
| 3/12/2016 17:45 | 72.7401273 Winding up 4949 ticks | 3 | | | | | | | |
| 3/12/2016 17:45 | 72.7401852 Winding up 4574 ticks | 3 | | | | | | | |
| 3/12/2016 17:45 | 72.7402431 Winding up 4299 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7402778 Rewinding | 5 | 22117 | 9.09 | 5.16 | 8.95 | 7.38 | 1139 | 920 |
| 3/12/2016 17:46 | 72.7403009 Winding up 4099 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7403588 Winding up 3725 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7404051 Winding up 3700 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7404514 Winding up 3375 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7404977 Winding up 3225 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7405440 Winding up 2950 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7405787 Winding up 2875 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7406134 Winding up 2725 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7406250 Rewinding | 5 | 22117 | 8.28 | 4.15 | 8.2 | 7.71 | 1139 | 915 |
| 3/12/2016 17:46 | 72.7406481 Winding up 2699 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7406829 Winding up 2900 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7407176 Winding up 2849 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7407523 Winding up 2625 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7407870 Winding up 2425 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7408218 Winding up 2400 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7408565 Winding up 2250 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7408912 Winding up 2250 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7409259 Winding up 2025 ticks | 3 | | | | | | | |
| 3/12/2016 17:46 | 72.7409606 Winding up 1875 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7409722 Rewinding | 5 | 22117 | 7.5 | 3.22 | 7.45 | 7.7 | 1155 | 879 |
| 3/12/2016 17:47 | 72.7409838 Winding up 1775 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7410069 Winding up 1575 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7410301 Winding up 1350 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7410648 Winding up 1250 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7410880 Winding up 1375 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7411111 Winding up 1425 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7411343 Winding up 1575 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7411574 Winding up 1525 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7411806 Winding up 1650 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7412037 Winding up 1700 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7412269 Winding up 1825 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7412500 Winding up 1900 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7412731 Winding up 2175 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7413079 Winding up 2500 ticks | 3 | | | | | | | |
| 3/12/2016 17:47 | 72.7413194 Rewinding | 5 | 22117 | 6.78 | 2.33 | 6.7 | 7.67 | 1136 | 885 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:47 | 72.7413426 Winding up 2650 ticks | 3 | | | | | | | | |
| 3/12/2016 17:47 | 72.7413773 Winding up 2850 ticks | 3 | | | | | | | | |
| 3/12/2016 17:47 | 72.7414120 Winding up 2900 ticks | 3 | | | | | | | | |
| 3/12/2016 17:47 | 72.7414468 Winding up 2850 ticks | 3 | | | | | | | | |
| 3/12/2016 17:47 | 72.7414815 Winding up 2725 ticks | 3 | | | | | | | | |
| 3/12/2016 17:47 | 72.7415162 Winding up 2600 ticks | 3 | | | | | | | | |
| 3/12/2016 17:47 | 72.7415509 Winding up 2450 ticks | 3 | | | | | | | | |
| 3/12/2016 17:47 | 72.7415856 Winding up 2100 ticks | 3 | | | | | | | | |
| 3/12/2016 17:47 | 72.7416204 Winding up 1800 ticks | 3 | | | | | | | | |
| 3/12/2016 17:47 | 72.7416435 Winding up 1600 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7416667 Rewinding | 5 | 22117 | 5.98 | 1.4 | 5.95 | 7.38 | 1149 | 882 | |
| 3/12/2016 17:48 | 72.7416667 Winding up 1425 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7416898 Winding up 1325 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7417593 Winding up 1275 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7417824 Winding up 1450 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7418056 Winding up 1625 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7418287 Winding up 1775 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7418519 Winding up 1925 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7418750 Winding up 2100 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7419097 Winding up 2475 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7419444 Winding up 2750 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7419792 Winding up 3075 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7420139 Rewinding | 5 | 22117 | 5.32 | 0.6 | 5.2 | 7.37 | 1130 | 903 | |
| 3/12/2016 17:48 | 72.7420255 Winding up 3625 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7420718 Winding up 4050 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7421296 Winding up 4100 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7421875 Winding up 3975 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7422454 Winding up 3875 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7422917 Winding up 3700 ticks | 3 | | | | | | | | |
| 3/12/2016 17:48 | 72.7423380 Winding up 3450 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7423611 Rewinding | 5 | 22117 | 4.55 | -0.41 | 4.45 | 7.35 | 1129 | 906 | |
| 3/12/2016 17:49 | 72.7423843 Winding up 3100 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7424306 Winding up 2900 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7424653 Winding up 2625 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7425000 Winding up 2550 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7425347 Winding up 2275 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7425694 Winding up 2075 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7426042 Winding up 1900 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7426273 Winding up 1775 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7426505 Winding up 1675 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7426736 Winding up 1725 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7426968 Winding up 1700 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7427083 Rewinding | 5 | 22117 | 3.74 | -1.32 | 3.7 | 7.7 | 1149 | 889 | |
| 3/12/2016 17:49 | 72.7427199 Winding up 1600 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7427431 Winding up 1625 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7427662 Winding up 1325 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7428588 Winding up 1375 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7428819 Winding up 1700 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7429051 Winding up 2074 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7429398 Winding up 2475 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7429745 Winding up 2825 ticks | 3 | | | | | | | | |
| 3/12/2016 17:49 | 72.7430093 Winding up 3125 ticks | 3 | | | | | | | | |
| 3/12/2016 17:50 | 72.7430556 Rewinding | 5 | 22117 | 3.07 | -2 | 2.95 | 7.41 | 1146 | 884 | |
| 3/12/2016 17:50 | 72.7430556 Winding up 3625 ticks | 3 | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:50 | 72.7431019 | Winding up 4000 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7431597 | Winding up 4575 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7432176 | Winding up 4525 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7432755 | Winding up 4225 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7433333 | Winding up 3800 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7433796 | Winding up 3450 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7434028 | Rewinding | 5 | 22117 | 2.3 | -3.06 | 2.2 | 7.41 | 1132 | 879 |
| 3/12/2016 17:50 | 72.7434259 | Winding up 2950 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7434606 | Winding up 2650 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7434954 | Winding up 2350 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7435301 | Winding up 1975 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7435648 | Winding up 1700 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7435880 | Winding up 1525 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7436111 | Winding up 1300 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7436921 | Winding up 1250 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7437153 | Winding up 1300 ticks | 3 | | | | | | |
| 3/12/2016 17:50 | 72.7437384 | Winding up 1375 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7437500 | Rewinding | 5 | 22117 | 1.49 | -3.75 | 1.45 | 7.7 | 1147 | 889 |
| 3/12/2016 17:51 | 72.7437616 | Winding up 1625 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7437847 | Winding up 1850 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7438079 | Winding up 2125 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7438426 | Winding up 2500 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7438773 | Winding up 2875 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7439120 | Winding up 3200 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7439236 | Winding up 3275 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7439352 | Winding up 3450 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7439468 | Winding up 3625 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7439583 | Winding up 3850 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7439699 | Winding up 4025 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7439815 | Winding up 4300 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7439931 | Winding up 4550 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7440046 | Winding up 4800 ticks | 3 | | | | | | |
| 3/12/2016 17:51 | 72.7440162 | Overcurrent (motor jam) condition detected | 5 | | | | | | |
| 3/12/2016 17:51 | 72.7440162 | State 5 (FINISHED) | 5 | | | | | | |

DPS4-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:40 | 72.9444444 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 22:40 | 72.9447917 | Deploying | 2 | 30 | 0.9 | 0 | 0.02 | 8.33 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:41 | 72.9451389 | Deploying | 2 | 60 | 0.9 | 0 | 0.04 | 8.32 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:41 | 72.9454861 | Deploying | 2 | 90 | 0.9 | 0 | 0.06 | 8.33 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:42 | 72.9458333 | Deploying | 2 | 120 | 0.9 | 0 | 0.08 | 8.3 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 22:42 | 72.9461806 | Deploying | 2 | 150 | 0.9 | 0 | 0.09 | 8.32 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 22:43 | 72.9465278 | Deploying | 2 | 180 | 0.9 | 0 | 0.11 | 8.32 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:43 | 72.9468750 | Deploying | 2 | 210 | 0.9 | 0 | 0.13 | 8.29 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:44 | 72.9472222 | Deploying | 2 | 240 | 0.9 | 0 | 0.14 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:44 | 72.9475694 | Deploying | 2 | 270 | 0.9 | 0 | 0.16 | 8.33 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:45 | 72.9479167 | Deploying | 2 | 300 | 0.9 | 0 | 0.18 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:45 | 72.9482639 | Deploying | 2 | 330 | 0.9 | 0 | 0.19 | 8.3 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:46 | 72.9486111 | Deploying | 2 | 360 | 0.9 | 0 | 0.21 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:46 | 72.9489583 | Deploying | 2 | 390 | 0.9 | 0 | 0.23 | 8.32 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:47 | 72.9493056 | Deploying | 2 | 420 | 0.9 | 0 | 0.25 | 8.29 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 22:47 | 72.9496528 | Deploying | 2 | 450 | 0.9 | 0 | 0.26 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:48 | 72.9500000 | Deploying | 2 | 480 | 0.9 | 0 | 0.28 | 8.3 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:48 | 72.9503472 | Deploying | 2 | 510 | 0.9 | 0 | 0.3 | 8.29 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:49 | 72.9506944 | Deploying | 2 | 540 | 0.9 | 0 | 0.31 | 8.33 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:49 | 72.9510417 | Deploying | 2 | 570 | 0.89 | 0 | 0.33 | 8.29 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:50 | 72.9513889 | Deploying | 2 | 600 | 0.89 | 0 | 0.35 | 8.33 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:50 | 72.9517361 | Deploying | 2 | 630 | 0.9 | 0 | 0.36 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:51 | 72.9520833 | Deploying | 2 | 660 | 0.89 | 0 | 0.38 | 8.29 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:51 | 72.9524306 | Deploying | 2 | 690 | 0.91 | 0 | 0.4 | 8.3 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 22:52 | 72.9527778 | Deploying | 2 | 720 | 0.9 | 0 | 0.42 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:52 | 72.9531250 | Deploying | 2 | 750 | 0.9 | 0 | 0.43 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:53 | 72.9534722 | Deploying | 2 | 780 | 0.89 | 0 | 0.45 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:53 | 72.9538194 | Deploying | 2 | 810 | 0.89 | 0 | 0.47 | 8.32 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:54 | 72.9541667 | Deploying | 2 | 840 | 0.9 | 0 | 0.48 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:54 | 72.9545139 | Deploying | 2 | 870 | 0.91 | 0 | 0.5 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:55 | 72.9548611 | Deploying | 2 | 900 | 0.9 | 0 | 0.52 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:55 | 72.9552083 | Deploying | 2 | 930 | 0.9 | 0 | 0.53 | 8.3 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:56 | 72.9555556 | Deploying | 2 | 960 | 0.9 | 0 | 0.55 | 8.32 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:56 | 72.9559028 | Deploying | 2 | 990 | 0.9 | 0 | 0.57 | 8.27 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 22:57 | 72.9562500 | Deploying | 2 | 1020 | 0.91 | 0 | 0.59 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:57 | 72.9565972 | Deploying | 2 | 1050 | 0.9 | 0 | 0.6 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:58 | 72.9569444 | Deploying | 2 | 1080 | 0.89 | 0 | 0.62 | 8.29 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:58 | 72.9572917 | Deploying | 2 | 1110 | 0.9 | 0 | 0.64 | 8.3 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:59 | 72.9576389 | Deploying | 2 | 1140 | 0.9 | 0 | 0.65 | 8.29 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 22:59 | 72.9579861 | Deploying | 2 | 1170 | 0.9 | 0 | 0.67 | 8.27 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:00 | 72.9583333 | Deploying | 2 | 1200 | 0.9 | 0 | 0.69 | 8.29 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:00 | 72.9586806 | Deploying | 2 | 1230 | 0.9 | 0 | 0.7 | 8.29 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:01 | 72.9590278 | Deploying | 2 | 1260 | 0.9 | 0 | 0.72 | 8.27 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:01 | 72.9593750 | Deploying | 2 | 1290 | 0.9 | 0 | 0.74 | 8.29 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:02 | 72.9597222 | Deploying | 2 | 1320 | 0.91 | 0 | 0.76 | 8.29 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:02 | 72.9600694 | Deploying | 2 | 1350 | 0.9 | 0 | 0.77 | 8.24 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:03 | 72.9604167 | Deploying | 2 | 1380 | 0.9 | 0 | 0.79 | 8.29 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:03 | 72.9607639 | Deploying | 2 | 1410 | 0.89 | 0 | 0.81 | 8.27 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:04 | 72.9611111 | Deploying | 2 | 1440 | 0.9 | 0 | 0.82 | 8.29 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:04 | 72.9614583 | Deploying | 2 | 1470 | 0.9 | 0 | 0.84 | 8.27 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:05 | 72.9618056 | Deploying | 2 | 1500 | 0.9 | 0 | 0.86 | 8.27 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:05 | 72.9621528 | Deploying | 2 | 1530 | 0.9 | 0 | 0.87 | 8.24 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:06 | 72.9625000 | Deploying | 2 | 1560 | 0.9 | 0 | 0.89 | 8.29 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |

| Date/Time | Value | Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:06 | 72.9628472 | Deploying | 2 | 1590 | 0.9 | 0 | 0.91 | 8.25 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:07 | 72.9631944 | Deploying | 2 | 1620 | 0.9 | 0 | 0.93 | 8.29 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:07 | 72.9635417 | Deploying | 2 | 1650 | 0.89 | 0 | 0.94 | 8.27 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:07 | 72.9638773 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:08 | 72.9638889 | Deploying | 2 | 1680 | 0.9 | 0.06 | 0.96 | 8.27 | 2228 | 1710 | 0 | -5 | -5 | -5 | -5 |
| 3/12/2016 23:08 | 72.9642361 | Deploying | 2 | 1710 | 0.96 | 0.06 | 0.98 | 8.27 | 2228 | 259 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:09 | 72.9645833 | Deploying | 2 | 1740 | 0.96 | 0.06 | 0.99 | 8.3 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:09 | 72.9649306 | Deploying | 2 | 1770 | 0.96 | 0.06 | 1.01 | 8.27 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:09 | 72.9652199 | Winding down 1841 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:10 | 72.9652778 | Deploying | 2 | 1800 | 0.96 | 0.13 | 1.03 | 8.27 | 2277 | 1740 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:10 | 72.9656250 | Deploying | 2 | 1830 | 1.04 | 0.13 | 1.04 | 8.25 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:11 | 72.9659722 | Deploying | 2 | 1860 | 1.04 | 0.13 | 1.06 | 8.24 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:11 | 72.9663194 | Deploying | 2 | 1890 | 1.04 | 0.13 | 1.08 | 8.25 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:12 | 72.9666667 | Deploying | 2 | 1920 | 1.04 | 0.13 | 1.1 | 8.29 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:12 | 72.9668056 | Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:12 | 72.9670139 | Deploying | 2 | 1950 | 1.07 | 0.18 | 1.11 | 8.27 | 2302 | 1742 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:13 | 72.9673611 | Deploying | 2 | 1980 | 1.1 | 0.18 | 1.13 | 8.27 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:13 | 72.9677083 | Deploying | 2 | 2010 | 1.1 | 0.18 | 1.15 | 8.25 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:13 | 72.9679282 | Winding down 1456 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:14 | 72.9680556 | Deploying | 2 | 2040 | 1.12 | 0.24 | 1.16 | 8.25 | 2346 | 1747 | 0 | -5 | -7 | -5 | -7 |
| 3/12/2016 23:14 | 72.9684028 | Deploying | 2 | 2070 | 1.17 | 0.24 | 1.18 | 8.29 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:15 | 72.9687500 | Deploying | 2 | 2100 | 1.16 | 0.24 | 1.2 | 8.25 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:15 | 72.9690972 | Deploying | 2 | 2130 | 1.16 | 0.24 | 1.21 | 8.25 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:15 | 72.9692014 | Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:16 | 72.9694444 | Deploying | 2 | 2160 | 1.21 | 0.29 | 1.23 | 8.24 | 2291 | 1735 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:16 | 72.9697917 | Deploying | 2 | 2190 | 1.22 | 0.29 | 1.25 | 8.24 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:17 | 72.9701389 | Deploying | 2 | 2220 | 1.22 | 0.29 | 1.27 | 8.27 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:17 | 72.9704861 | Deploying | 2 | 2250 | 1.22 | 0.29 | 1.28 | 8.25 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:17 | 72.9704861 | Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:18 | 72.9708333 | Deploying | 2 | 2280 | 1.28 | 0.35 | 1.3 | 8.27 | 2320 | 1771 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:18 | 72.9711806 | Deploying | 2 | 2310 | 1.3 | 0.35 | 1.32 | 8.25 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:19 | 72.9715278 | Deploying | 2 | 2340 | 1.3 | 0.35 | 1.33 | 8.25 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:19 | 72.9718750 | Deploying | 2 | 2370 | 1.29 | 0.35 | 1.35 | 8.24 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:19 | 72.9719792 | Winding down 1790 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:20 | 72.9722222 | Deploying | 2 | 2400 | 1.34 | 0.42 | 1.37 | 8.25 | 2299 | 1757 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:20 | 72.9725694 | Deploying | 2 | 2430 | 1.36 | 0.42 | 1.38 | 8.27 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:21 | 72.9729167 | Deploying | 2 | 2460 | 1.37 | 0.42 | 1.4 | 8.25 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:21 | 72.9732639 | Deploying | 2 | 2490 | 1.36 | 0.42 | 1.42 | 8.24 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:21 | 72.9734259 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:22 | 72.9736111 | Deploying | 2 | 2520 | 1.4 | 0.48 | 1.44 | 8.29 | 2303 | 1723 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:22 | 72.9739583 | Deploying | 2 | 2550 | 1.43 | 0.48 | 1.45 | 8.29 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:23 | 72.9743056 | Deploying | 2 | 2580 | 1.43 | 0.48 | 1.47 | 8.29 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:23 | 72.9746528 | Deploying | 2 | 2610 | 1.43 | 0.48 | 1.49 | 8.27 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:23 | 72.9748264 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:24 | 72.9750000 | Deploying | 2 | 2640 | 1.46 | 0.54 | 1.5 | 8.27 | 2305 | 1744 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:24 | 72.9753472 | Deploying | 2 | 2670 | 1.5 | 0.54 | 1.52 | 8.24 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:25 | 72.9756944 | Deploying | 2 | 2700 | 1.5 | 0.54 | 1.54 | 8.25 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:25 | 72.9760417 | Deploying | 2 | 2730 | 1.51 | 0.54 | 1.55 | 8.25 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:26 | 72.9763889 | Deploying | 2 | 2760 | 1.5 | 0.54 | 1.57 | 8.27 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:26 | 72.9763889 | Winding down 1787 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:26 | 72.9767361 | Deploying | 2 | 2790 | 1.57 | 0.61 | 1.59 | 8.25 | 2309 | 1730 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:27 | 72.9770833 | Deploying | 2 | 2820 | 1.57 | 0.61 | 1.61 | 8.25 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:27 | 72.9774306 | Deploying | 2 | 2850 | 1.58 | 0.61 | 1.62 | 8.25 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:27 | 72.9777315 | Winding down 1830 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:28 | 72.9777778 Deploying | | 2 | 2880 | 1.57 | 0.68 | 1.64 | 8.27 | 2291 | 1772 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:28 | 72.9781250 Deploying | | 2 | 2910 | 1.65 | 0.68 | 1.66 | 8.22 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:29 | 72.9784722 Deploying | | 2 | 2940 | 1.65 | 0.68 | 1.67 | 8.24 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:29 | 72.9788194 Deploying | | 2 | 2970 | 1.65 | 0.68 | 1.69 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:30 | 72.9791667 Deploying | | 2 | 3000 | 1.65 | 0.68 | 1.71 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:30 | 72.9792593 Winding down 1550 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:30 | 72.9795139 Deploying | | 2 | 3030 | 1.69 | 0.74 | 1.72 | 8.25 | 2308 | 1762 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:31 | 72.9798611 Deploying | | 2 | 3060 | 1.71 | 0.74 | 1.74 | 8.24 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:31 | 72.9802083 Deploying | | 2 | 3090 | 1.71 | 0.74 | 1.76 | 8.25 | 0 | 0 | 0 | -5 | -7 | -5 | -7 |
| 3/12/2016 23:31 | 72.9804051 Winding down 1478 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:32 | 72.9805556 Deploying | | 2 | 3120 | 1.74 | 0.79 | 1.78 | 8.24 | 2226 | 1741 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:32 | 72.9809028 Deploying | | 2 | 3150 | 1.78 | 0.79 | 1.79 | 8.27 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:33 | 72.9812500 Deploying | | 2 | 3180 | 1.78 | 0.79 | 1.81 | 8.25 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:33 | 72.9815972 Deploying | | 2 | 3210 | 1.78 | 0.79 | 1.83 | 8.24 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:33 | 72.9819213 Winding down 1884 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:34 | 72.9819444 Deploying | | 2 | 3240 | 1.77 | 0.86 | 1.84 | 8.14 | 2284 | 1774 | 0 | -5 | -7 | -5 | -7 |
| 3/12/2016 23:34 | 72.9822917 Deploying | | 2 | 3270 | 1.85 | 0.86 | 1.86 | 8.27 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:35 | 72.9826389 Deploying | | 2 | 3300 | 1.85 | 0.86 | 1.88 | 8.25 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:35 | 72.9829861 Deploying | | 2 | 3330 | 1.86 | 0.86 | 1.89 | 8.25 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:36 | 72.9833333 Deploying | | 2 | 3360 | 1.85 | 0.86 | 1.91 | 8.27 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:36 | 72.9833796 Winding down 1594 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:36 | 72.9836806 Deploying | | 2 | 3390 | 1.91 | 0.92 | 1.93 | 8.24 | 2300 | 1769 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:37 | 72.9840278 Deploying | | 2 | 3420 | 1.92 | 0.92 | 1.95 | 8.27 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:37 | 72.9843750 Deploying | | 2 | 3450 | 1.92 | 0.92 | 1.96 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:38 | 72.9847222 Deploying | | 2 | 3480 | 1.92 | 0.92 | 1.98 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:38 | 72.9848727 Winding down 1696 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:38 | 72.9850694 Deploying | | 2 | 3510 | 1.96 | 0.99 | 2 | 8.22 | 2310 | 1750 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:39 | 72.9854167 Deploying | | 2 | 3540 | 1.99 | 0.99 | 2.01 | 8.22 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:39 | 72.9857639 Deploying | | 2 | 3570 | 1.99 | 0.99 | 2.03 | 8.22 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:40 | 72.9861111 Deploying | | 2 | 3600 | 2 | 0.99 | 2.05 | 8.22 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/12/2016 23:40 | 72.9863657 Winding down 1774 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:40 | 72.9864583 Deploying | | 2 | 3630 | 2.01 | 1.06 | 2.06 | 8.24 | 2307 | 1755 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:41 | 72.9868056 Deploying | | 2 | 3660 | 2.07 | 1.06 | 2.08 | 8.21 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:41 | 72.9871528 Deploying | | 2 | 3690 | 2.06 | 1.06 | 2.1 | 8.24 | 0 | 0 | 0 | -6 | -7 | -5 | -7 |
| 3/12/2016 23:42 | 72.9875000 Deploying | | 2 | 3720 | 2.06 | 1.06 | 2.12 | 8.24 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:42 | 72.9876620 Winding down 1510 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:42 | 72.9878472 Deploying | | 2 | 3750 | 2.1 | 1.11 | 2.13 | 8.25 | 2249 | 1747 | 0 | -7 | -5 | -5 | -5 |
| 3/12/2016 23:43 | 72.9881944 Deploying | | 2 | 3780 | 2.13 | 1.11 | 2.15 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:43 | 72.9885417 Deploying | | 2 | 3810 | 2.13 | 1.11 | 2.17 | 8.22 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:44 | 72.9888889 Deploying | | 2 | 3840 | 2.13 | 1.11 | 2.18 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:44 | 72.9890509 Winding down 1660 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:44 | 72.9892361 Deploying | | 2 | 3870 | 2.16 | 1.18 | 2.2 | 8.24 | 2286 | 1773 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:45 | 72.9895833 Deploying | | 2 | 3900 | 2.2 | 1.18 | 2.22 | 8.24 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 23:45 | 72.9899306 Deploying | | 2 | 3930 | 2.19 | 1.18 | 2.23 | 8.24 | 0 | 0 | 0 | -7 | -6 | -5 | -6 |
| 3/12/2016 23:46 | 72.9902778 Deploying | | 2 | 3960 | 2.2 | 1.18 | 2.25 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:46 | 72.9903704 Winding down 1500 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:46 | 72.9906250 Deploying | | 2 | 3990 | 2.24 | 1.23 | 2.27 | 8.24 | 2240 | 1739 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:47 | 72.9909722 Deploying | | 2 | 4020 | 2.26 | 1.23 | 2.29 | 8.22 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:47 | 72.9913194 Deploying | | 2 | 4050 | 2.26 | 1.23 | 2.3 | 8.21 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:48 | 72.9916667 Deploying | | 2 | 4080 | 2.26 | 1.23 | 2.32 | 8.21 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:48 | 72.9917245 Winding down 1633 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 23:48 | 72.9920139 Deploying | | 2 | 4110 | 2.32 | 1.29 | 2.34 | 8.22 | 2283 | 1771 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:49 | 72.9923611 Deploying | | 2 | 4140 | 2.33 | 1.29 | 2.35 | 8.24 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 3/12/2016 23:49 | 72.9927083 Deploying | | 2 | 4170 | 2.33 | 1.29 | 2.37 | 8.25 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:50 | 72.9930556 | Deploying | 2 | 4200 | 2.33 | 1.29 | 2.39 | 8.22 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 3/12/2016 23:50 | 72.9931481 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9934028 | Deploying | 2 | 4230 | 2.38 | 1.35 | 2.4 | 8.24 | 2298 | 1748 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:51 | 72.9937500 | Deploying | 2 | 4260 | 2.4 | 1.35 | 2.42 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:51 | 72.9940972 | Deploying | 2 | 4290 | 2.4 | 1.35 | 2.44 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:51 | 72.9944329 | Winding down 1498 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:52 | 72.9944444 | Deploying | 2 | 4320 | 2.4 | 1.41 | 2.46 | 8.24 | 2304 | 1743 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:52 | 72.9947917 | Deploying | 2 | 4350 | 2.46 | 1.41 | 2.47 | 8.22 | 2304 | 232 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:53 | 72.9951389 | Deploying | 2 | 4380 | 2.46 | 1.41 | 2.49 | 8.24 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/12/2016 23:53 | 72.9954861 | Deploying | 2 | 4410 | 2.46 | 1.41 | 2.51 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:54 | 72.9958333 | Deploying | 2 | 4440 | 2.46 | 1.41 | 2.52 | 8.22 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:54 | 72.9958565 | Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:54 | 72.9961806 | Deploying | 2 | 4470 | 2.52 | 1.48 | 2.54 | 8.24 | 2323 | 1769 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:55 | 72.9965278 | Deploying | 2 | 4500 | 2.53 | 1.48 | 2.56 | 8.24 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 23:55 | 72.9968750 | Deploying | 2 | 4530 | 2.53 | 1.48 | 2.57 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 23:56 | 72.9972222 | Deploying | 2 | 4560 | 2.54 | 1.48 | 2.59 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 23:56 | 72.9973032 | Winding down 1661 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:56 | 72.9975694 | Deploying | 2 | 4590 | 2.58 | 1.54 | 2.61 | 8.21 | 2299 | 1742 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:57 | 72.9979167 | Deploying | 2 | 4620 | 2.6 | 1.54 | 2.63 | 8.22 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 23:57 | 72.9982639 | Deploying | 2 | 4650 | 2.6 | 1.54 | 2.64 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 23:58 | 72.9986111 | Deploying | 2 | 4680 | 2.61 | 1.54 | 2.66 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:58 | 72.9987847 | Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:58 | 72.9989583 | Deploying | 2 | 4710 | 2.64 | 1.6 | 2.68 | 8.22 | 2335 | 1786 | 0 | -6 | -6 | -6 | -6 |
| 3/12/2016 23:59 | 72.9993056 | Deploying | 2 | 4740 | 2.66 | 1.6 | 2.69 | 8.24 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/12/2016 23:59 | 72.9996528 | Deploying | 2 | 4770 | 2.67 | 1.6 | 2.71 | 8.25 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:00 | 73.0000000 | Deploying | 2 | 4800 | 2.66 | 1.6 | 2.73 | 8.22 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:00 | 73.0000579 | Winding down 1733 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:00 | 73.0003472 | Deploying | 2 | 4830 | 2.72 | 1.66 | 2.74 | 8.19 | 2307 | 1745 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:01 | 73.0006944 | Deploying | 2 | 4860 | 2.74 | 1.66 | 2.76 | 8.21 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:01 | 73.0010417 | Deploying | 2 | 4890 | 2.74 | 1.66 | 2.78 | 8.21 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:02 | 73.0013889 | Deploying | 2 | 4920 | 2.74 | 1.66 | 2.8 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:02 | 73.0015625 | Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:02 | 73.0017361 | Deploying | 2 | 4950 | 2.77 | 1.72 | 2.81 | 8.22 | 2316 | 1782 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:03 | 73.0020833 | Deploying | 2 | 4980 | 2.8 | 1.72 | 2.83 | 8.21 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:03 | 73.0024306 | Deploying | 2 | 5010 | 2.8 | 1.72 | 2.85 | 8.21 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:03 | 73.0027662 | Winding down 1623 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:04 | 73.0027778 | Deploying | 2 | 5040 | 2.8 | 1.78 | 2.86 | 8.19 | 2308 | 1758 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:04 | 73.0031250 | Deploying | 2 | 5070 | 2.87 | 1.78 | 2.88 | 8.25 | 2308 | 234 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:05 | 73.0034722 | Deploying | 2 | 5100 | 2.87 | 1.78 | 2.9 | 8.22 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:05 | 73.0038194 | Deploying | 2 | 5130 | 2.87 | 1.78 | 2.91 | 8.22 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:06 | 73.0041667 | Deploying | 2 | 5160 | 2.88 | 1.78 | 2.93 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:06 | 73.0043287 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:06 | 73.0045139 | Deploying | 2 | 5190 | 2.9 | 1.85 | 2.95 | 8.21 | 2288 | 1770 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:07 | 73.0048611 | Deploying | 2 | 5220 | 2.94 | 1.85 | 2.97 | 8.19 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:07 | 73.0052083 | Deploying | 2 | 5250 | 2.94 | 1.85 | 2.98 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:08 | 73.0055556 | Deploying | 2 | 5280 | 2.95 | 1.85 | 3 | 8.21 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:08 | 73.0056713 | Winding down 1654 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:08 | 73.0059028 | Deploying | 2 | 5310 | 2.99 | 1.91 | 3.02 | 8.24 | 2305 | 1755 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:09 | 73.0062500 | Deploying | 2 | 5340 | 3.01 | 1.91 | 3.03 | 8.22 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:09 | 73.0065972 | Deploying | 2 | 5370 | 3.01 | 1.91 | 3.05 | 8.22 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:10 | 73.0069444 | Deploying | 2 | 5400 | 3.01 | 1.91 | 3.07 | 8.22 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:10 | 73.0070833 | Winding down 1657 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:10 | 73.0072917 | Deploying | 2 | 5430 | 3.05 | 1.97 | 3.08 | 8.21 | 2316 | 1770 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:11 | 73.0076389 | Deploying | 2 | 5460 | 3.08 | 1.97 | 3.1 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:11 | 73.0079861 Deploying | 2 | 5490 | 3.08 | 1.97 | 3.12 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:12 | 73.0083333 Deploying | 2 | 5520 | 3.08 | 1.97 | 3.14 | 8.22 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:12 | 73.0085069 Winding down 1400 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:12 | 73.0086806 Deploying | 2 | 5550 | 3.11 | 2.02 | 3.15 | 8.22 | 2303 | 1761 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:13 | 73.0090278 Deploying | 2 | 5580 | 3.14 | 2.02 | 3.17 | 8.22 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 3/13/2016 0:13 | 73.0093750 Deploying | 2 | 5610 | 3.14 | 2.02 | 3.19 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:13 | 73.0096181 Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:14 | 73.0097222 Deploying | 2 | 5640 | 3.16 | 2.08 | 3.2 | 8.22 | 2308 | 1752 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:14 | 73.0100694 Deploying | 2 | 5670 | 3.2 | 2.08 | 3.22 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:15 | 73.0104167 Deploying | 2 | 5700 | 3.2 | 2.08 | 3.24 | 8.22 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:15 | 73.0107639 Deploying | 2 | 5730 | 3.2 | 2.08 | 3.25 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:15 | 73.0109259 Winding down 1410 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:16 | 73.0111111 Deploying | 2 | 5760 | 3.24 | 2.14 | 3.27 | 8.19 | 2296 | 1738 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:16 | 73.0114583 Deploying | 2 | 5790 | 3.26 | 2.14 | 3.29 | 8.21 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:17 | 73.0118056 Deploying | 2 | 5820 | 3.26 | 2.14 | 3.31 | 8.22 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:17 | 73.0121528 Deploying | 2 | 5850 | 3.26 | 2.14 | 3.32 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:17 | 73.0121991 Winding down 1769 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:18 | 73.0125000 Deploying | 2 | 5880 | 3.32 | 2.2 | 3.34 | 8.21 | 2357 | 1793 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:18 | 73.0128472 Deploying | 2 | 5910 | 3.33 | 2.2 | 3.36 | 8.21 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:19 | 73.0131944 Deploying | 2 | 5940 | 3.34 | 2.2 | 3.37 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:19 | 73.0135417 Deploying | 2 | 5970 | 3.34 | 2.2 | 3.39 | 8.21 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:19 | 73.0137037 Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:20 | 73.0138889 Deploying | 2 | 6000 | 3.37 | 2.26 | 3.41 | 8.17 | 2317 | 1763 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:20 | 73.0142361 Deploying | 2 | 6030 | 3.4 | 2.26 | 3.42 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:21 | 73.0145833 Deploying | 2 | 6060 | 3.39 | 2.26 | 3.44 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:21 | 73.0149306 Deploying | 2 | 6090 | 3.4 | 2.26 | 3.46 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:21 | 73.0150116 Winding down 1711 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:22 | 73.0152778 Deploying | 2 | 6120 | 3.45 | 2.33 | 3.48 | 8.19 | 2347 | 1780 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:22 | 73.0156250 Deploying | 2 | 6150 | 3.47 | 2.33 | 3.49 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:23 | 73.0159722 Deploying | 2 | 6180 | 3.47 | 2.33 | 3.51 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:23 | 73.0163079 Winding down 1348 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:23 | 73.0163194 Deploying | 2 | 6210 | 3.47 | 2.38 | 3.53 | 8.19 | 2311 | 1752 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:24 | 73.0166667 Deploying | 2 | 6240 | 3.52 | 2.38 | 3.54 | 8.19 | 2311 | 254 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:24 | 73.0170139 Deploying | 2 | 6270 | 3.53 | 2.38 | 3.56 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:25 | 73.0173611 Deploying | 2 | 6300 | 3.53 | 2.38 | 3.58 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:25 | 73.0176736 Winding down 1920 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:25 | 73.0177083 Deploying | 2 | 6330 | 3.53 | 2.45 | 3.59 | 8.19 | 2274 | 1782 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:26 | 73.0180556 Deploying | 2 | 6360 | 3.6 | 2.45 | 3.61 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:26 | 73.0184028 Deploying | 2 | 6390 | 3.61 | 2.45 | 3.63 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:27 | 73.0187500 Deploying | 2 | 6420 | 3.6 | 2.45 | 3.65 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:27 | 73.0189815 Winding down 1270 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:27 | 73.0190972 Deploying | 2 | 6450 | 3.63 | 2.5 | 3.66 | 8.19 | 2293 | 1778 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:28 | 73.0194444 Deploying | 2 | 6480 | 3.66 | 2.5 | 3.68 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:28 | 73.0197917 Deploying | 2 | 6510 | 3.66 | 2.5 | 3.7 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:29 | 73.0201389 Deploying | 2 | 6540 | 3.66 | 2.5 | 3.71 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:29 | 73.0203588 Winding down 1681 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:29 | 73.0204861 Deploying | 2 | 6570 | 3.68 | 2.56 | 3.73 | 8.17 | 2293 | 1781 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:30 | 73.0208333 Deploying | 2 | 6600 | 3.73 | 2.56 | 3.75 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:30 | 73.0211806 Deploying | 2 | 6630 | 3.73 | 2.56 | 3.76 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:31 | 73.0215278 Deploying | 2 | 6660 | 3.73 | 2.56 | 3.78 | 8.19 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:31 | 73.0215625 Winding down 1330 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:31 | 73.0218750 Deploying | 2 | 6690 | 3.78 | 2.61 | 3.8 | 8.21 | 2299 | 1747 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:32 | 73.0222222 Deploying | 2 | 6720 | 3.78 | 2.61 | 3.82 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:32 | 73.0225694 Deploying | 2 | 6750 | 3.78 | 2.61 | 3.83 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:32 | 73.0228935 | Winding down 1684 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:33 | 73.0229167 | Deploying | 2 | 6780 | 3.78 | 2.68 | 3.85 | 8.08 | 2341 | 1790 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:33 | 73.0232639 | Deploying | 2 | 6810 | 3.85 | 2.68 | 3.87 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:34 | 73.0236111 | Deploying | 2 | 6840 | 3.85 | 2.68 | 3.88 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:34 | 73.0239583 | Deploying | 2 | 6870 | 3.85 | 2.68 | 3.9 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:34 | 73.0241898 | Winding down 1595 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:35 | 73.0243056 | Deploying | 2 | 6900 | 3.87 | 2.74 | 3.92 | 8.19 | 2303 | 1780 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:35 | 73.0246528 | Deploying | 2 | 6930 | 3.91 | 2.74 | 3.93 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:36 | 73.0250000 | Deploying | 2 | 6960 | 3.91 | 2.74 | 3.95 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:36 | 73.0253472 | Deploying | 2 | 6990 | 3.92 | 2.74 | 3.97 | 8.14 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:36 | 73.0256250 | Winding down 1702 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:37 | 73.0256944 | Deploying | 2 | 7020 | 3.93 | 2.8 | 3.99 | 8.19 | 2295 | 1775 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:37 | 73.0260417 | Deploying | 2 | 7050 | 3.99 | 2.8 | 4 | 8.17 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:38 | 73.0263889 | Deploying | 2 | 7080 | 3.99 | 2.8 | 4.02 | 8.17 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:38 | 73.0267361 | Deploying | 2 | 7110 | 3.99 | 2.8 | 4.04 | 8.19 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:38 | 73.0270486 | Winding down 1545 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:39 | 73.0270833 | Deploying | 2 | 7140 | 4 | 2.86 | 4.05 | 8.16 | 2305 | 1753 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 0:39 | 73.0274306 | Deploying | 2 | 7170 | 4.05 | 2.86 | 4.07 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:40 | 73.0277778 | Deploying | 2 | 7200 | 4.05 | 2.86 | 4.09 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:40 | 73.0281250 | Deploying | 2 | 7230 | 4.05 | 2.86 | 4.1 | 8.14 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:40 | 73.0283102 | Winding down 1564 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:41 | 73.0284722 | Deploying | 2 | 7260 | 4.08 | 2.92 | 4.12 | 8.19 | 2299 | 1775 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:41 | 73.0288194 | Deploying | 2 | 7290 | 4.11 | 2.92 | 4.14 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:42 | 73.0291667 | Deploying | 2 | 7320 | 4.12 | 2.92 | 4.16 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:42 | 73.0295139 | Deploying | 2 | 7350 | 4.12 | 2.92 | 4.17 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:42 | 73.0296181 | Winding down 1515 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:43 | 73.0298611 | Deploying | 2 | 7380 | 4.16 | 2.98 | 4.19 | 8.21 | 2305 | 1752 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:43 | 73.0302083 | Deploying | 2 | 7410 | 4.18 | 2.98 | 4.21 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:44 | 73.0305556 | Deploying | 2 | 7440 | 4.18 | 2.98 | 4.22 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:44 | 73.0309028 | Deploying | 2 | 7470 | 4.18 | 2.98 | 4.24 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:44 | 73.0309838 | Winding down 1536 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:45 | 73.0312500 | Deploying | 2 | 7500 | 4.23 | 3.04 | 4.26 | 8.19 | 2311 | 1759 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:45 | 73.0315972 | Deploying | 2 | 7530 | 4.25 | 3.04 | 4.27 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:46 | 73.0319444 | Deploying | 2 | 7560 | 4.25 | 3.04 | 4.29 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:46 | 73.0322917 | Deploying | 2 | 7590 | 4.25 | 3.04 | 4.31 | 8.19 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:46 | 73.0323843 | Winding down 1450 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:47 | 73.0326389 | Deploying | 2 | 7620 | 4.29 | 3.09 | 4.33 | 8.16 | 2340 | 1769 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:47 | 73.0329861 | Deploying | 2 | 7650 | 4.32 | 3.09 | 4.34 | 8.17 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:48 | 73.0333333 | Deploying | 2 | 7680 | 4.31 | 3.09 | 4.36 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:48 | 73.0335880 | Winding down 1599 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:48 | 73.0336806 | Deploying | 2 | 7710 | 4.33 | 3.15 | 4.38 | 8.17 | 2312 | 1770 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:49 | 73.0340278 | Deploying | 2 | 7740 | 4.38 | 3.15 | 4.39 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:49 | 73.0343750 | Deploying | 2 | 7770 | 4.38 | 3.15 | 4.41 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:50 | 73.0347222 | Deploying | 2 | 7800 | 4.36 | 3.15 | 4.43 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:50 | 73.0347917 | Winding down 1547 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:50 | 73.0350694 | Deploying | 2 | 7830 | 4.43 | 3.21 | 4.44 | 8.17 | 2313 | 1767 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:51 | 73.0354167 | Deploying | 2 | 7860 | 4.44 | 3.21 | 4.46 | 8.17 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:51 | 73.0357639 | Deploying | 2 | 7890 | 4.44 | 3.21 | 4.48 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:52 | 73.0361111 | Deploying | 2 | 7920 | 4.45 | 3.21 | 4.5 | 8.19 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:52 | 73.0364583 | Deploying | 2 | 7950 | 4.44 | 3.21 | 4.51 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:52 | 73.0365394 | Winding down 1961 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:53 | 73.0368056 | Deploying | 2 | 7980 | 4.48 | 3.29 | 4.53 | 8.17 | 2305 | 1765 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 0:53 | 73.0369097 | Winding down 1340 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 0:53 | 73.0371528 | Deploying | 2 | 8010 | 4.55 | 3.34 | 4.55 | 8.17 | 2341 | 1790 | 0 | -7 | -7 | -6 | -7 |

| 3/13/2016 0:54 | 73.0375000 Deploying | 2 | 8040 | 4.58 | 3.34 | 4.56 | 8.17 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 0:54 | 73.0378472 Deploying | 2 | 8070 | 4.59 | 3.34 | 4.58 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:55 | 73.0381944 Deploying | 2 | 8100 | 4.58 | 3.34 | 4.6 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:55 | 73.0385417 Deploying | 2 | 8130 | 4.59 | 3.34 | 4.61 | 8.17 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 0:56 | 73.0388889 Deploying | 2 | 8160 | 4.59 | 3.34 | 4.63 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:56 | 73.0392361 Deploying | 2 | 8190 | 4.55 | 3.34 | 4.65 | 8.19 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 3/13/2016 0:56 | 73.0392361 Winding down 2612 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:57 | 73.0395833 Deploying | 2 | 8220 | 4.66 | 3.44 | 4.67 | 8.17 | 2298 | 1777 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:57 | 73.0399306 Deploying | 2 | 8250 | 4.68 | 3.44 | 4.68 | 8.17 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 0:58 | 73.0402778 Deploying | 2 | 8280 | 4.69 | 3.44 | 4.7 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 0:58 | 73.0406250 Deploying | 2 | 8310 | 4.69 | 3.44 | 4.72 | 8.19 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 3/13/2016 0:59 | 73.0409722 Deploying | 2 | 8340 | 4.69 | 3.44 | 4.73 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 0:59 | 73.0412269 Winding down 1474 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:59 | 73.0413194 Deploying | 2 | 8370 | 4.71 | 3.49 | 4.75 | 8.16 | 2297 | 1725 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:00 | 73.0416667 Deploying | 2 | 8400 | 4.75 | 3.49 | 4.77 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:00 | 73.0420139 Deploying | 2 | 8430 | 4.75 | 3.49 | 4.78 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:01 | 73.0423611 Deploying | 2 | 8460 | 4.76 | 3.49 | 4.8 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:01 | 73.0427083 Deploying | 2 | 8490 | 4.75 | 3.49 | 4.82 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:01 | 73.0427199 Winding down 1826 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:02 | 73.0430556 Deploying | 2 | 8520 | 4.82 | 3.56 | 4.84 | 8.17 | 2309 | 1763 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:02 | 73.0434028 Deploying | 2 | 8550 | 4.83 | 3.56 | 4.85 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:03 | 73.0437500 Deploying | 2 | 8580 | 4.83 | 3.56 | 4.87 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:03 | 73.0440394 Winding down 1616 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:03 | 73.0440972 Deploying | 2 | 8610 | 4.83 | 3.62 | 4.89 | 8.19 | 2353 | 1774 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 1:04 | 73.0444444 Deploying | 2 | 8640 | 4.89 | 3.62 | 4.9 | 8.17 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:04 | 73.0447917 Deploying | 2 | 8670 | 4.89 | 3.62 | 4.92 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:05 | 73.0451389 Deploying | 2 | 8700 | 4.89 | 3.62 | 4.94 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:05 | 73.0454398 Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:05 | 73.0454861 Deploying | 2 | 8730 | 4.9 | 3.68 | 4.95 | 8.16 | 2318 | 1777 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 1:06 | 73.0458333 Deploying | 2 | 8760 | 4.96 | 3.68 | 4.97 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:06 | 73.0461806 Deploying | 2 | 8790 | 4.95 | 3.68 | 4.99 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:07 | 73.0465278 Deploying | 2 | 8820 | 4.96 | 3.68 | 5.01 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:07 | 73.0467940 Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:07 | 73.0468750 Deploying | 2 | 8850 | 4.97 | 3.74 | 5.02 | 8.17 | 2313 | 1751 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 1:08 | 73.0472222 Deploying | 2 | 8880 | 5.02 | 3.74 | 5.04 | 8.21 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:08 | 73.0475694 Deploying | 2 | 8910 | 5.01 | 3.74 | 5.06 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:09 | 73.0479167 Deploying | 2 | 8940 | 5.02 | 3.74 | 5.07 | 8.17 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:09 | 73.0480440 Winding down 1493 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:09 | 73.0482639 Deploying | 2 | 8970 | 5.06 | 3.8 | 5.09 | 8.17 | 2354 | 1786 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:10 | 73.0486111 Deploying | 2 | 9000 | 5.09 | 3.8 | 5.11 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:10 | 73.0489583 Deploying | 2 | 9030 | 5.08 | 3.8 | 5.12 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:10 | 73.0492361 Winding down 1552 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:11 | 73.0493056 Deploying | 2 | 9060 | 5.09 | 3.86 | 5.14 | 8.16 | 2293 | 1764 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:11 | 73.0496528 Deploying | 2 | 9090 | 5.15 | 3.86 | 5.16 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:12 | 73.0500000 Deploying | 2 | 9120 | 5.14 | 3.86 | 5.18 | 8.17 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:12 | 73.0503472 Deploying | 2 | 9150 | 5.15 | 3.86 | 5.19 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:13 | 73.0506944 Deploying | 2 | 9180 | 5.15 | 3.86 | 5.21 | 8.14 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:13 | 73.0507060 Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:13 | 73.0510417 Deploying | 2 | 9210 | 5.21 | 3.92 | 5.23 | 8.16 | 2276 | 1744 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:14 | 73.0513889 Deploying | 2 | 9240 | 5.22 | 3.92 | 5.24 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:14 | 73.0517361 Deploying | 2 | 9270 | 5.21 | 3.92 | 5.26 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:15 | 73.0520833 Deploying | 2 | 9300 | 5.21 | 3.92 | 5.28 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:15 | 73.0520833 Winding down 1712 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:15 | 73.0524306 Deploying | 2 | 9330 | 5.28 | 3.99 | 5.29 | 8.16 | 2351 | 1775 | 0 | -7 | -7 | -6 | -7 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:16 | 73.0527778 | Deploying | 2 | 9360 | 5.28 | 3.99 | 5.31 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:16 | 73.0531250 | Deploying | 2 | 9390 | 5.28 | 3.99 | 5.33 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:16 | 73.0533912 | Winding down 1638 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:17 | 73.0534722 | Deploying | 2 | 9420 | 5.3 | 4.05 | 5.35 | 8.16 | 2310 | 1779 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:17 | 73.0538194 | Deploying | 2 | 9450 | 5.35 | 4.05 | 5.36 | 8.14 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:18 | 73.0541667 | Deploying | 2 | 9480 | 5.35 | 4.05 | 5.38 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:18 | 73.0545139 | Deploying | 2 | 9510 | 5.36 | 4.05 | 5.4 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:19 | 73.0548611 | Deploying | 2 | 9540 | 5.35 | 4.05 | 5.41 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:19 | 73.0548843 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:19 | 73.0552083 | Deploying | 2 | 9570 | 5.41 | 4.11 | 5.43 | 8.19 | 2347 | 1755 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:20 | 73.0555556 | Deploying | 2 | 9600 | 5.41 | 4.11 | 5.45 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:20 | 73.0559028 | Deploying | 2 | 9630 | 5.42 | 4.11 | 5.46 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:21 | 73.0562500 | Deploying | 2 | 9660 | 5.42 | 4.11 | 5.48 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:21 | 73.0562847 | Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:21 | 73.0565972 | Deploying | 2 | 9690 | 5.47 | 4.17 | 5.5 | 8.17 | 2212 | 1761 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:22 | 73.0569444 | Deploying | 2 | 9720 | 5.49 | 4.17 | 5.52 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:22 | 73.0572917 | Deploying | 2 | 9750 | 5.48 | 4.17 | 5.53 | 8.14 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:22 | 73.0575579 | Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:23 | 73.0576389 | Deploying | 2 | 9780 | 5.5 | 4.24 | 5.55 | 8.14 | 2302 | 1752 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:23 | 73.0579861 | Deploying | 2 | 9810 | 5.55 | 4.24 | 5.57 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:24 | 73.0583333 | Deploying | 2 | 9840 | 5.55 | 4.24 | 5.58 | 8.14 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:24 | 73.0586806 | Deploying | 2 | 9870 | 5.55 | 4.24 | 5.6 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:25 | 73.0590278 | Deploying | 2 | 9900 | 5.55 | 4.24 | 5.62 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:25 | 73.0590278 | Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:25 | 73.0593750 | Deploying | 2 | 9930 | 5.62 | 4.3 | 5.63 | 8.19 | 2301 | 1749 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:26 | 73.0597222 | Deploying | 2 | 9960 | 5.62 | 4.3 | 5.65 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:26 | 73.0600694 | Deploying | 2 | 9990 | 5.62 | 4.3 | 5.67 | 8.14 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:26 | 73.0602778 | Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:27 | 73.0604167 | Deploying | 2 | 10020 | 5.64 | 4.36 | 5.69 | 8.16 | 2280 | 1763 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:27 | 73.0607639 | Deploying | 2 | 10050 | 5.68 | 4.36 | 5.7 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:28 | 73.0611111 | Deploying | 2 | 10080 | 5.68 | 4.36 | 5.72 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:28 | 73.0614583 | Deploying | 2 | 10110 | 5.68 | 4.36 | 5.74 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:28 | 73.0616319 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:29 | 73.0618056 | Deploying | 2 | 10140 | 5.72 | 4.42 | 5.75 | 8.17 | 2353 | 1773 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:29 | 73.0621528 | Deploying | 2 | 10170 | 5.75 | 4.42 | 5.77 | 8.19 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:30 | 73.0625000 | Deploying | 2 | 10200 | 5.75 | 4.42 | 5.79 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:30 | 73.0628472 | Deploying | 2 | 10230 | 5.75 | 4.42 | 5.8 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:30 | 73.0629861 | Winding down 1582 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:31 | 73.0631944 | Deploying | 2 | 10260 | 5.79 | 4.48 | 5.82 | 8.16 | 2344 | 1767 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:31 | 73.0635417 | Deploying | 2 | 10290 | 5.82 | 4.48 | 5.84 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:32 | 73.0638889 | Deploying | 2 | 10320 | 5.82 | 4.48 | 5.86 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:32 | 73.0642361 | Deploying | 2 | 10350 | 5.82 | 4.48 | 5.87 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:32 | 73.0644213 | Winding down 1514 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:33 | 73.0645833 | Deploying | 2 | 10380 | 5.85 | 4.54 | 5.89 | 8.14 | 2311 | 1779 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:33 | 73.0649306 | Deploying | 2 | 10410 | 5.88 | 4.54 | 5.91 | 8.17 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:34 | 73.0652778 | Deploying | 2 | 10440 | 5.88 | 4.54 | 5.92 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:34 | 73.0656250 | Deploying | 2 | 10470 | 5.88 | 4.54 | 5.94 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:34 | 73.0656481 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:35 | 73.0659722 | Deploying | 2 | 10500 | 5.94 | 4.6 | 5.96 | 8.16 | 2304 | 1751 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:35 | 73.0663194 | Deploying | 2 | 10530 | 5.95 | 4.6 | 5.97 | 8.17 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 1:36 | 73.0666667 | Deploying | 2 | 10560 | 5.94 | 4.6 | 5.99 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:36 | 73.0669329 | Winding down 1438 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:36 | 73.0670139 | Deploying | 2 | 10590 | 5.96 | 4.65 | 6.01 | 8.14 | 2305 | 1798 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 1:37 | 73.0673611 | Deploying | 2 | 10620 | 6.02 | 4.65 | 6.03 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:37 | 73.0677083 Deploying | | 2 | 10650 | 6.01 | 4.65 | 6.04 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:38 | 73.0680556 Deploying | | 2 | 10680 | 6.01 | 4.65 | 6.06 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:38 | 73.0683681 Winding down 1595 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0684028 Deploying | | 2 | 10710 | 6.02 | 4.71 | 6.08 | 8.16 | 2340 | 1780 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:39 | 73.0687500 Deploying | | 2 | 10740 | 6.08 | 4.71 | 6.09 | 8.13 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:39 | 73.0690972 Deploying | | 2 | 10770 | 6.07 | 4.71 | 6.11 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:40 | 73.0694444 Deploying | | 2 | 10800 | 6.08 | 4.71 | 6.13 | 8.17 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:40 | 73.0696875 Winding down 1760 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:40 | 73.0697917 Deploying | | 2 | 10830 | 6.09 | 4.78 | 6.14 | 8.14 | 2335 | 1756 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:41 | 73.0701389 Deploying | | 2 | 10860 | 6.14 | 4.78 | 6.16 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:41 | 73.0704861 Deploying | | 2 | 10890 | 6.15 | 4.78 | 6.18 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:42 | 73.0708333 Deploying | | 2 | 10920 | 6.15 | 4.78 | 6.2 | 8.17 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:42 | 73.0709954 Winding down 1285 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:42 | 73.0711806 Deploying | | 2 | 10950 | 6.17 | 4.83 | 6.21 | 8.13 | 2338 | 1779 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:43 | 73.0715278 Deploying | | 2 | 10980 | 6.2 | 4.83 | 6.23 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:43 | 73.0718750 Deploying | | 2 | 11010 | 6.2 | 4.83 | 6.25 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:44 | 73.0722222 Deploying | | 2 | 11040 | 6.2 | 4.83 | 6.26 | 8.14 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:44 | 73.0722222 Winding down 1662 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:44 | 73.0725694 Deploying | | 2 | 11070 | 6.28 | 4.89 | 6.28 | 8.16 | 2355 | 1786 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 1:45 | 73.0729167 Deploying | | 2 | 11100 | 6.27 | 4.89 | 6.3 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:45 | 73.0732639 Deploying | | 2 | 11130 | 6.27 | 4.89 | 6.31 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:45 | 73.0735185 Winding down 1674 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:46 | 73.0736111 Deploying | | 2 | 11160 | 6.29 | 4.95 | 6.33 | 8.14 | 2314 | 1764 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 1:46 | 73.0739583 Deploying | | 2 | 11190 | 6.34 | 4.95 | 6.35 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:47 | 73.0743056 Deploying | | 2 | 11220 | 6.34 | 4.95 | 6.37 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:47 | 73.0746528 Deploying | | 2 | 11250 | 6.34 | 4.95 | 6.38 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 1:48 | 73.0750000 Deploying | | 2 | 11280 | 6.34 | 4.95 | 6.4 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 1:48 | 73.0751042 Winding down 1540 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:48 | 73.0753472 Deploying | | 2 | 11310 | 6.38 | 5.01 | 6.42 | 8.14 | 2291 | 1762 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:49 | 73.0756944 Deploying | | 2 | 11340 | 6.4 | 5.01 | 6.43 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:49 | 73.0760417 Deploying | | 2 | 11370 | 6.4 | 5.01 | 6.45 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 1:49 | 73.0763079 Winding down 1613 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:50 | 73.0763889 Deploying | | 2 | 11400 | 6.42 | 5.07 | 6.47 | 8.14 | 2308 | 1796 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:50 | 73.0767361 Deploying | | 2 | 11430 | 6.47 | 5.07 | 6.48 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:51 | 73.0770833 Deploying | | 2 | 11460 | 6.47 | 5.07 | 6.5 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:51 | 73.0774306 Deploying | | 2 | 11490 | 6.47 | 5.07 | 6.52 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:51 | 73.0776042 Winding down 1550 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:52 | 73.0777778 Deploying | | 2 | 11520 | 6.5 | 5.13 | 6.54 | 8.16 | 2342 | 1770 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 1:52 | 73.0781250 Deploying | | 2 | 11550 | 6.53 | 5.13 | 6.55 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:53 | 73.0784722 Deploying | | 2 | 11580 | 6.53 | 5.13 | 6.57 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:53 | 73.0788194 Deploying | | 2 | 11610 | 6.53 | 5.13 | 6.59 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:53 | 73.0789236 Winding down 1615 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:54 | 73.0791667 Deploying | | 2 | 11640 | 6.58 | 5.2 | 6.6 | 8.14 | 2239 | 1748 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:54 | 73.0795139 Deploying | | 2 | 11670 | 6.6 | 5.2 | 6.62 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:55 | 73.0798611 Deploying | | 2 | 11700 | 6.6 | 5.2 | 6.64 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:55 | 73.0802083 Deploying | | 2 | 11730 | 6.6 | 5.2 | 6.65 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:55 | 73.0803241 Winding down 1654 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:56 | 73.0805556 Deploying | | 2 | 11760 | 6.64 | 5.26 | 6.67 | 8.13 | 2354 | 1801 | 0 | -8 | -7 | -6 | -7 |
| 3/13/2016 1:56 | 73.0809028 Deploying | | 2 | 11790 | 6.67 | 5.26 | 6.69 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 1:57 | 73.0812500 Deploying | | 2 | 11820 | 6.66 | 5.26 | 6.71 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 1:57 | 73.0815972 Deploying | | 2 | 11850 | 6.67 | 5.26 | 6.72 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:57 | 73.0816782 Winding down 1361 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 1:58 | 73.0819444 Deploying | | 2 | 11880 | 6.71 | 5.31 | 6.74 | 8.14 | 2305 | 1753 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:58 | 73.0822917 Deploying | | 2 | 11910 | 6.73 | 5.31 | 6.76 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:59 | 73.0826389 | Deploying | 2 | 11940 | 6.73 | 5.31 | 6.77 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 1:59 | 73.0829861 | Deploying | 2 | 11970 | 6.72 | 5.31 | 6.79 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 1:59 | 73.0829977 | Winding down 1676 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:00 | 73.0833333 | Deploying | 2 | 12000 | 6.79 | 5.37 | 6.81 | 8.13 | 2298 | 1771 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:00 | 73.0836806 | Deploying | 2 | 12030 | 6.8 | 5.37 | 6.82 | 8.14 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:01 | 73.0840278 | Deploying | 2 | 12060 | 6.79 | 5.37 | 6.84 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:01 | 73.0843403 | Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:01 | 73.0843750 | Deploying | 2 | 12090 | 6.8 | 5.44 | 6.86 | 8.14 | 2298 | 1741 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 2:02 | 73.0847222 | Deploying | 2 | 12120 | 6.86 | 5.44 | 6.88 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:02 | 73.0850694 | Deploying | 2 | 12150 | 6.86 | 5.44 | 6.89 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:03 | 73.0854167 | Deploying | 2 | 12180 | 6.86 | 5.44 | 6.91 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:03 | 73.0857060 | Winding down 1666 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:03 | 73.0857639 | Deploying | 2 | 12210 | 6.87 | 5.5 | 6.93 | 8.13 | 2300 | 1760 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:04 | 73.0861111 | Deploying | 2 | 12240 | 6.93 | 5.5 | 6.94 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:04 | 73.0864583 | Deploying | 2 | 12270 | 6.93 | 5.5 | 6.96 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:05 | 73.0868056 | Deploying | 2 | 12300 | 6.93 | 5.5 | 6.98 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:05 | 73.0871528 | Deploying | 2 | 12330 | 6.93 | 5.5 | 6.99 | 8.16 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:05 | 73.0871528 | Winding down 1537 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:06 | 73.0875000 | Deploying | 2 | 12360 | 6.99 | 5.56 | 7.01 | 8.14 | 2296 | 1759 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:06 | 73.0878472 | Deploying | 2 | 12390 | 6.99 | 5.56 | 7.03 | 8.13 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:07 | 73.0881944 | Deploying | 2 | 12420 | 6.99 | 5.56 | 7.05 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:07 | 73.0883449 | Winding down 1521 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:07 | 73.0885417 | Deploying | 2 | 12450 | 7.03 | 5.62 | 7.06 | 8.13 | 2307 | 1771 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:08 | 73.0888889 | Deploying | 2 | 12480 | 7.06 | 5.62 | 7.08 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:08 | 73.0892361 | Deploying | 2 | 12510 | 7.05 | 5.62 | 7.1 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:09 | 73.0895833 | Deploying | 2 | 12540 | 7.06 | 5.62 | 7.11 | 8.14 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:09 | 73.0897106 | Winding down 1568 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:09 | 73.0899306 | Deploying | 2 | 12570 | 7.1 | 5.68 | 7.13 | 8.13 | 2351 | 1765 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:10 | 73.0902778 | Deploying | 2 | 12600 | 7.13 | 5.68 | 7.15 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:10 | 73.0906250 | Deploying | 2 | 12630 | 7.13 | 5.68 | 7.16 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:11 | 73.0909722 | Deploying | 2 | 12660 | 7.12 | 5.68 | 7.18 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:11 | 73.0910880 | Winding down 1704 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:11 | 73.0913194 | Deploying | 2 | 12690 | 7.16 | 5.74 | 7.2 | 8.13 | 2297 | 1752 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:12 | 73.0916667 | Deploying | 2 | 12720 | 7.19 | 5.74 | 7.22 | 8.14 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:12 | 73.0920139 | Deploying | 2 | 12750 | 7.19 | 5.74 | 7.23 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:13 | 73.0923611 | Deploying | 2 | 12780 | 7.19 | 5.74 | 7.25 | 8.14 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:13 | 73.0925116 | Winding down 1671 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:13 | 73.0927083 | Deploying | 2 | 12810 | 7.23 | 5.81 | 7.27 | 8.13 | 2309 | 1759 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:14 | 73.0930556 | Deploying | 2 | 12840 | 7.27 | 5.81 | 7.28 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:14 | 73.0934028 | Deploying | 2 | 12870 | 7.27 | 5.81 | 7.3 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:15 | 73.0937500 | Deploying | 2 | 12900 | 7.27 | 5.81 | 7.32 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:15 | 73.0939699 | Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:15 | 73.0940972 | Deploying | 2 | 12930 | 7.29 | 5.87 | 7.33 | 8.16 | 2295 | 1756 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:16 | 73.0944444 | Deploying | 2 | 12960 | 7.33 | 5.87 | 7.35 | 8.14 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:16 | 73.0947917 | Deploying | 2 | 12990 | 7.33 | 5.87 | 7.37 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:17 | 73.0951389 | Deploying | 2 | 13020 | 7.33 | 5.87 | 7.39 | 8.13 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:17 | 73.0952546 | Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:17 | 73.0954861 | Deploying | 2 | 13050 | 7.37 | 5.93 | 7.4 | 8.13 | 2318 | 1758 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 2:18 | 73.0958333 | Deploying | 2 | 13080 | 7.41 | 5.93 | 7.42 | 8.14 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/13/2016 2:18 | 73.0961806 | Deploying | 2 | 13110 | 7.4 | 5.93 | 7.44 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:19 | 73.0965278 | Deploying | 2 | 13140 | 7.4 | 5.93 | 7.45 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:19 | 73.0965856 | Winding down 1333 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:19 | 73.0968750 | Deploying | 2 | 13170 | 7.44 | 5.98 | 7.47 | 8.17 | 2303 | 1729 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:20 | 73.0972222 | Deploying | 2 | 13200 | 7.45 | 5.98 | 7.49 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 2:20 | 73.0975694 | Deploying | 2 | 13230 | 7.46 | 5.98 | 7.5 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:21 | 73.0979167 | Deploying | 2 | 13260 | 7.46 | 5.98 | 7.52 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:21 | 73.0979282 | Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:21 | 73.0982639 | Deploying | 2 | 13290 | 7.52 | 6.04 | 7.54 | 8.13 | 2270 | 1788 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:22 | 73.0986111 | Deploying | 2 | 13320 | 7.52 | 6.04 | 7.56 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:22 | 73.0989583 | Deploying | 2 | 13350 | 7.51 | 6.04 | 7.57 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:22 | 73.0990046 | Winding down 1494 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:23 | 73.0993056 | Deploying | 2 | 13380 | 7.57 | 6.1 | 7.59 | 8.13 | 2329 | 1743 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:23 | 73.0996528 | Deploying | 2 | 13410 | 7.58 | 6.1 | 7.61 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:24 | 73.1000000 | Deploying | 2 | 13440 | 7.59 | 6.1 | 7.62 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:24 | 73.1003472 | Deploying | 2 | 13470 | 7.58 | 6.1 | 7.64 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:24 | 73.1004514 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:25 | 73.1006944 | Deploying | 2 | 13500 | 7.63 | 6.16 | 7.66 | 8.11 | 2302 | 1744 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:25 | 73.1010417 | Deploying | 2 | 13530 | 7.65 | 6.16 | 7.67 | 8.13 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:26 | 73.1013889 | Deploying | 2 | 13560 | 7.65 | 6.16 | 7.69 | 8.14 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:26 | 73.1017361 | Deploying | 2 | 13590 | 7.65 | 6.16 | 7.71 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:26 | 73.1017477 | Winding down 1501 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:27 | 73.1020833 | Deploying | 2 | 13620 | 7.71 | 6.22 | 7.73 | 8.14 | 2304 | 1777 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:27 | 73.1024306 | Deploying | 2 | 13650 | 7.71 | 6.22 | 7.74 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:28 | 73.1027778 | Deploying | 2 | 13680 | 7.71 | 6.22 | 7.76 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:28 | 73.1030903 | Winding down 1770 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:28 | 73.1031250 | Deploying | 2 | 13710 | 7.71 | 6.29 | 7.78 | 8.13 | 2282 | 1750 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:29 | 73.1034722 | Deploying | 2 | 13740 | 7.78 | 6.29 | 7.79 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:29 | 73.1038194 | Deploying | 2 | 13770 | 7.79 | 6.29 | 7.81 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:30 | 73.1041667 | Deploying | 2 | 13800 | 7.79 | 6.29 | 7.83 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:30 | 73.1045139 | Deploying | 2 | 13830 | 7.78 | 6.29 | 7.84 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:30 | 73.1045718 | Winding down 1708 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:31 | 73.1048611 | Deploying | 2 | 13860 | 7.84 | 6.35 | 7.86 | 8.11 | 2310 | 1762 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:31 | 73.1052083 | Deploying | 2 | 13890 | 7.86 | 6.35 | 7.88 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:32 | 73.1055556 | Deploying | 2 | 13920 | 7.86 | 6.35 | 7.9 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:32 | 73.1059028 | Deploying | 2 | 13950 | 7.86 | 6.35 | 7.91 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:32 | 73.1060185 | Winding down 1654 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:33 | 73.1062500 | Deploying | 2 | 13980 | 7.89 | 6.42 | 7.93 | 8.1 | 2336 | 1773 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:33 | 73.1065972 | Deploying | 2 | 14010 | 7.92 | 6.42 | 7.95 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:34 | 73.1069444 | Deploying | 2 | 14040 | 7.93 | 6.42 | 7.96 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 2:34 | 73.1072917 | Deploying | 2 | 14070 | 7.92 | 6.42 | 7.98 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:34 | 73.1073843 | Winding down 1775 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:35 | 73.1076389 | Deploying | 2 | 14100 | 7.97 | 6.49 | 8 | 8.13 | 2299 | 1747 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:35 | 73.1079861 | Deploying | 2 | 14130 | 7.99 | 6.49 | 8.01 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:36 | 73.1083333 | Deploying | 2 | 14160 | 7.99 | 6.49 | 8.03 | 8.14 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:36 | 73.1086574 | Winding down 1409 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:36 | 73.1086806 | Deploying | 2 | 14190 | 8 | 6.54 | 8.05 | 8.02 | 2322 | 1761 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:37 | 73.1090278 | Deploying | 2 | 14220 | 8.05 | 6.54 | 8.07 | 8.1 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 2:37 | 73.1093750 | Deploying | 2 | 14250 | 8.06 | 6.54 | 8.08 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:38 | 73.1097222 | Deploying | 2 | 14280 | 8.05 | 6.54 | 8.1 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:38 | 73.1100694 | Deploying | 2 | 14310 | 8.05 | 6.54 | 8.12 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:38 | 73.1100694 | Winding down 1737 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:39 | 73.1104167 | Deploying | 2 | 14340 | 8.12 | 6.61 | 8.13 | 8.11 | 2272 | 1720 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:39 | 73.1107639 | Deploying | 2 | 14370 | 8.12 | 6.61 | 8.15 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:40 | 73.1111111 | Deploying | 2 | 14400 | 8.12 | 6.61 | 8.17 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:40 | 73.1113542 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:40 | 73.1114583 | Deploying | 2 | 14430 | 8.14 | 6.67 | 8.18 | 8.11 | 2324 | 1777 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:41 | 73.1118056 | Deploying | 2 | 14460 | 8.18 | 6.67 | 8.2 | 8.13 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:41 | 73.1121528 | Deploying | 2 | 14490 | 8.19 | 6.67 | 8.22 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 2:42 | 73.1125000 Deploying | 2 | 14520 | 8.19 | 6.67 | 8.24 | 8.1 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 3/13/2016 2:42 | 73.1128472 Deploying | 2 | 14550 | 8.18 | 6.67 | 8.25 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:42 | 73.1128472 Winding down 1737 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:43 | 73.1131944 Deploying | 2 | 14580 | 8.25 | 6.73 | 8.27 | 8.13 | 2252 | 1788 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:43 | 73.1135417 Deploying | 2 | 14610 | 8.25 | 6.73 | 8.29 | 8.13 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:44 | 73.1138889 Deploying | 2 | 14640 | 8.25 | 6.73 | 8.3 | 8.11 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:44 | 73.1140162 Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:44 | 73.1142361 Deploying | 2 | 14670 | 8.29 | 6.8 | 8.32 | 8.1 | 2296 | 1764 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:45 | 73.1145833 Deploying | 2 | 14700 | 8.32 | 6.8 | 8.34 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:45 | 73.1149306 Deploying | 2 | 14730 | 8.32 | 6.8 | 8.35 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:46 | 73.1152778 Deploying | 2 | 14760 | 8.31 | 6.8 | 8.37 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:46 | 73.1154630 Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:46 | 73.1156250 Deploying | 2 | 14790 | 8.35 | 6.86 | 8.39 | 8.11 | 2339 | 1765 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:47 | 73.1159722 Deploying | 2 | 14820 | 8.39 | 6.86 | 8.41 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 2:47 | 73.1163194 Deploying | 2 | 14850 | 8.39 | 6.86 | 8.42 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:48 | 73.1166667 Deploying | 2 | 14880 | 8.38 | 6.86 | 8.44 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:48 | 73.1168634 Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:48 | 73.1170139 Deploying | 2 | 14910 | 8.41 | 6.92 | 8.46 | 8.13 | 2354 | 1749 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:49 | 73.1173611 Deploying | 2 | 14940 | 8.45 | 6.92 | 8.47 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:49 | 73.1177083 Deploying | 2 | 14970 | 8.45 | 6.92 | 8.49 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:50 | 73.1180556 Deploying | 2 | 15000 | 8.45 | 6.92 | 8.51 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:50 | 73.1181366 Winding down 1586 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:50 | 73.1184028 Deploying | 2 | 15030 | 8.5 | 6.98 | 8.52 | 8.08 | 2307 | 1777 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:51 | 73.1187500 Deploying | 2 | 15060 | 8.51 | 6.98 | 8.54 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:51 | 73.1190972 Deploying | 2 | 15090 | 8.51 | 6.98 | 8.56 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:52 | 73.1194444 Deploying | 2 | 15120 | 8.51 | 6.98 | 8.58 | 8.11 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:52 | 73.1195023 Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:52 | 73.1197917 Deploying | 2 | 15150 | 8.57 | 7.04 | 8.59 | 8.08 | 2303 | 1787 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:53 | 73.1201389 Deploying | 2 | 15180 | 8.59 | 7.04 | 8.61 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:53 | 73.1204861 Deploying | 2 | 15210 | 8.58 | 7.04 | 8.63 | 8.13 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 2:53 | 73.1207755 Winding down 1716 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:54 | 73.1208333 Deploying | 2 | 15240 | 8.58 | 7.11 | 8.64 | 8.11 | 2352 | 1796 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 2:54 | 73.1211806 Deploying | 2 | 15270 | 8.65 | 7.11 | 8.66 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:55 | 73.1215278 Deploying | 2 | 15300 | 8.66 | 7.11 | 8.68 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:55 | 73.1218750 Deploying | 2 | 15330 | 8.65 | 7.11 | 8.69 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:56 | 73.1222222 Deploying | 2 | 15360 | 8.65 | 7.11 | 8.71 | 8.1 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 3/13/2016 2:56 | 73.1222222 Winding down 1537 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:56 | 73.1225694 Deploying | 2 | 15390 | 8.71 | 7.17 | 8.73 | 8.11 | 2338 | 1778 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:57 | 73.1229167 Deploying | 2 | 15420 | 8.71 | 7.17 | 8.75 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:57 | 73.1232639 Deploying | 2 | 15450 | 8.72 | 7.17 | 8.76 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 2:57 | 73.1235417 Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:58 | 73.1236111 Deploying | 2 | 15480 | 8.73 | 7.23 | 8.78 | 8.11 | 2351 | 1791 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 2:58 | 73.1239583 Deploying | 2 | 15510 | 8.77 | 7.23 | 8.8 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:59 | 73.1243056 Deploying | 2 | 15540 | 8.78 | 7.23 | 8.81 | 8.06 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 2:59 | 73.1246528 Deploying | 2 | 15570 | 8.78 | 7.23 | 8.83 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 2:59 | 73.1249306 Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:00 | 73.1250000 Deploying | 2 | 15600 | 8.8 | 7.29 | 8.85 | 8.11 | 2180 | 1709 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:00 | 73.1253472 Deploying | 2 | 15630 | 8.85 | 7.29 | 8.86 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:01 | 73.1256944 Deploying | 2 | 15660 | 8.85 | 7.29 | 8.88 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:01 | 73.1260417 Deploying | 2 | 15690 | 8.84 | 7.29 | 8.9 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:01 | 73.1261111 Winding down 1547 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:02 | 73.1263889 Deploying | 2 | 15720 | 8.9 | 7.35 | 8.92 | 8.08 | 2334 | 1756 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:02 | 73.1267361 Deploying | 2 | 15750 | 8.91 | 7.35 | 8.93 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:03 | 73.1270833 Deploying | 2 | 15780 | 8.9 | 7.35 | 8.95 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 3:03 | 73.1274306 | Deploying | 2 | 15810 | 8.91 | 7.35 | 8.97 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:03 | 73.1274653 | Winding down 1430 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:04 | 73.1277778 | Deploying | 2 | 15840 | 8.97 | 7.4 | 8.98 | 8.06 | 2309 | 1730 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:04 | 73.1281250 | Deploying | 2 | 15870 | 8.97 | 7.4 | 9 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:05 | 73.1284722 | Deploying | 2 | 15900 | 8.98 | 7.4 | 9.02 | 8.1 | 0 | 0 | 0 | -6 | -8 | -6 | -8 |
| 3/13/2016 3:05 | 73.1288194 | Deploying | 2 | 15930 | 8.97 | 7.4 | 9.03 | 8.11 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 3:05 | 73.1289699 | Winding down 1746 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:06 | 73.1291667 | Deploying | 2 | 15960 | 9.02 | 7.47 | 9.05 | 8.13 | 2320 | 1766 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 3:06 | 73.1295139 | Deploying | 2 | 15990 | 9.04 | 7.47 | 9.07 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:07 | 73.1298611 | Deploying | 2 | 16020 | 9.04 | 7.47 | 9.09 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:07 | 73.1301273 | Winding down 1563 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:07 | 73.1302083 | Deploying | 2 | 16050 | 9.05 | 7.53 | 9.1 | 8.11 | 2302 | 1759 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 3:08 | 73.1305556 | Deploying | 2 | 16080 | 9.12 | 7.53 | 9.12 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:08 | 73.1309028 | Deploying | 2 | 16110 | 9.11 | 7.53 | 9.14 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:09 | 73.1312500 | Deploying | 2 | 16140 | 9.11 | 7.53 | 9.15 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:09 | 73.1315972 | Deploying | 2 | 16170 | 9.11 | 7.53 | 9.17 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:09 | 73.1316435 | Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:10 | 73.1319444 | Deploying | 2 | 16200 | 9.17 | 7.59 | 9.19 | 8.1 | 2280 | 1795 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:10 | 73.1322917 | Deploying | 2 | 16230 | 9.17 | 7.59 | 9.2 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:11 | 73.1326389 | Deploying | 2 | 16260 | 9.17 | 7.59 | 9.22 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:11 | 73.1328241 | Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:11 | 73.1329861 | Deploying | 2 | 16290 | 9.2 | 7.65 | 9.24 | 8.1 | 2297 | 1757 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 3:12 | 73.1333333 | Deploying | 2 | 16320 | 9.23 | 7.65 | 9.26 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:12 | 73.1336806 | Deploying | 2 | 16350 | 9.24 | 7.65 | 9.27 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:13 | 73.1340278 | Deploying | 2 | 16380 | 9.24 | 7.65 | 9.29 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:13 | 73.1342824 | Winding down 1674 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:13 | 73.1343750 | Deploying | 2 | 16410 | 9.25 | 7.72 | 9.31 | 8.1 | 2350 | 1807 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:14 | 73.1347222 | Deploying | 2 | 16440 | 9.31 | 7.72 | 9.32 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:14 | 73.1350694 | Deploying | 2 | 16470 | 9.31 | 7.72 | 9.34 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:15 | 73.1354167 | Deploying | 2 | 16500 | 9.31 | 7.72 | 9.36 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:15 | 73.1356597 | Winding down 1684 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:15 | 73.1357639 | Deploying | 2 | 16530 | 9.32 | 7.78 | 9.37 | 8.08 | 2342 | 1774 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:16 | 73.1361111 | Deploying | 2 | 16560 | 9.37 | 7.78 | 9.39 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:16 | 73.1364583 | Deploying | 2 | 16590 | 9.37 | 7.78 | 9.41 | 8.08 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 3:17 | 73.1368056 | Deploying | 2 | 16620 | 9.38 | 7.78 | 9.43 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:17 | 73.1371181 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:17 | 73.1371528 | Deploying | 2 | 16650 | 9.38 | 7.84 | 9.44 | 8.1 | 2338 | 1799 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:18 | 73.1375000 | Deploying | 2 | 16680 | 9.44 | 7.84 | 9.46 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:18 | 73.1378472 | Deploying | 2 | 16710 | 9.43 | 7.84 | 9.48 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:19 | 73.1381944 | Deploying | 2 | 16740 | 9.44 | 7.84 | 9.49 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:19 | 73.1382755 | Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:19 | 73.1385417 | Deploying | 2 | 16770 | 9.49 | 7.91 | 9.51 | 8.1 | 2305 | 1754 | 0 | -8 | -7 | -6 | -7 |
| 3/13/2016 3:20 | 73.1388889 | Deploying | 2 | 16800 | 9.51 | 7.91 | 9.53 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:20 | 73.1392361 | Deploying | 2 | 16830 | 9.51 | 7.91 | 9.54 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:21 | 73.1395833 | Deploying | 2 | 16860 | 9.5 | 7.91 | 9.56 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:21 | 73.1397454 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:21 | 73.1399306 | Deploying | 2 | 16890 | 9.54 | 7.97 | 9.58 | 8.08 | 2299 | 1767 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:22 | 73.1402778 | Deploying | 2 | 16920 | 9.57 | 7.97 | 9.6 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:22 | 73.1406250 | Deploying | 2 | 16950 | 9.57 | 7.97 | 9.61 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:23 | 73.1409722 | Deploying | 2 | 16980 | 9.57 | 7.97 | 9.63 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:23 | 73.1410880 | Winding down 1729 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:23 | 73.1413194 | Deploying | 2 | 17010 | 9.62 | 8.03 | 9.65 | 8.1 | 2305 | 1792 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:24 | 73.1416667 | Deploying | 2 | 17040 | 9.64 | 8.03 | 9.66 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:24 | 73.1420139 | Deploying | 2 | 17070 | 9.63 | 8.03 | 9.68 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| Date | Value | Status | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 | Col13 | Col14 | Col15 | Col16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 3:24 | 73.1423380 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:25 | 73.1423611 | Deploying | 2 | 17100 | 9.64 | 8.09 | 9.7 | 7.97 | 2296 | 1779 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:25 | 73.1427083 | Deploying | 2 | 17130 | 9.7 | 8.09 | 9.71 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:26 | 73.1430556 | Deploying | 2 | 17160 | 9.69 | 8.09 | 9.73 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:26 | 73.1434028 | Deploying | 2 | 17190 | 9.7 | 8.09 | 9.75 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:27 | 73.1437500 | Deploying | 2 | 17220 | 9.71 | 8.09 | 9.77 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:27 | 73.1437616 | Winding down 1551 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:27 | 73.1440972 | Deploying | 2 | 17250 | 9.76 | 8.15 | 9.78 | 8.1 | 2291 | 1771 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:28 | 73.1444444 | Deploying | 2 | 17280 | 9.76 | 8.15 | 9.8 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:28 | 73.1447917 | Deploying | 2 | 17310 | 9.77 | 8.15 | 9.82 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:29 | 73.1451389 | Deploying | 2 | 17340 | 9.78 | 8.15 | 9.83 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:29 | 73.1451852 | Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:29 | 73.1454861 | Deploying | 2 | 17370 | 9.83 | 8.21 | 9.85 | 8.06 | 2347 | 1777 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:30 | 73.1458333 | Deploying | 2 | 17400 | 9.83 | 8.21 | 9.87 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:30 | 73.1461806 | Deploying | 2 | 17430 | 9.83 | 8.21 | 9.88 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:30 | 73.1462731 | Winding down 1425 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:31 | 73.1465278 | Deploying | 2 | 17460 | 9.88 | 8.27 | 9.9 | 8.06 | 2346 | 1774 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 3:31 | 73.1468750 | Deploying | 2 | 17490 | 9.89 | 8.27 | 9.92 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:32 | 73.1472222 | Deploying | 2 | 17520 | 9.9 | 8.27 | 9.94 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:32 | 73.1475694 | Deploying | 2 | 17550 | 9.89 | 8.27 | 9.95 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:32 | 73.1477431 | Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:33 | 73.1479167 | Deploying | 2 | 17580 | 9.93 | 8.34 | 9.97 | 8.06 | 2296 | 1738 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:33 | 73.1482639 | Deploying | 2 | 17610 | 9.96 | 8.34 | 9.99 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:34 | 73.1486111 | Deploying | 2 | 17640 | 9.96 | 8.34 | 10 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:34 | 73.1489583 | Deploying | 2 | 17670 | 9.96 | 8.34 | 10.02 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:34 | 73.1489815 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:35 | 73.1493056 | Deploying | 2 | 17700 | 10.03 | 8.4 | 10.04 | 8.1 | 2305 | 1734 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:35 | 73.1496528 | Deploying | 2 | 17730 | 10.03 | 8.4 | 10.05 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:36 | 73.1500000 | Deploying | 2 | 17760 | 10.03 | 8.4 | 10.07 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:36 | 73.1503472 | Deploying | 2 | 17790 | 10.03 | 8.4 | 10.09 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:36 | 73.1504051 | Winding down 1583 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:37 | 73.1506944 | Deploying | 2 | 17820 | 10.09 | 8.46 | 10.11 | 8.1 | 2296 | 1740 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:37 | 73.1510417 | Deploying | 2 | 17850 | 10.09 | 8.46 | 10.12 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:38 | 73.1513889 | Deploying | 2 | 17880 | 10.1 | 8.46 | 10.14 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:38 | 73.1517361 | Deploying | 2 | 17910 | 10.1 | 8.46 | 10.16 | 8.06 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 3:38 | 73.1519560 | Winding down 1906 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:39 | 73.1520833 | Deploying | 2 | 17940 | 10.12 | 8.53 | 10.17 | 8.1 | 2300 | 1772 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:39 | 73.1524306 | Deploying | 2 | 17970 | 10.18 | 8.53 | 10.19 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:40 | 73.1527778 | Deploying | 2 | 18000 | 10.17 | 8.53 | 10.21 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:40 | 73.1531019 | Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:40 | 73.1531250 | Deploying | 2 | 18030 | 10.17 | 8.59 | 10.22 | 7.95 | 2223 | 1753 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:41 | 73.1534722 | Deploying | 2 | 18060 | 10.23 | 8.59 | 10.24 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:41 | 73.1538194 | Deploying | 2 | 18090 | 10.24 | 8.59 | 10.26 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:42 | 73.1541667 | Deploying | 2 | 18120 | 10.24 | 8.59 | 10.28 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:42 | 73.1545139 | Deploying | 2 | 18150 | 10.24 | 8.59 | 10.29 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:42 | 73.1546991 | Winding down 1714 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:43 | 73.1548611 | Deploying | 2 | 18180 | 10.27 | 8.66 | 10.31 | 8.08 | 2307 | 1759 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:43 | 73.1552083 | Deploying | 2 | 18210 | 10.31 | 8.66 | 10.33 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:44 | 73.1555556 | Deploying | 2 | 18240 | 10.31 | 8.66 | 10.34 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:44 | 73.1559028 | Deploying | 2 | 18270 | 10.31 | 8.66 | 10.36 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:44 | 73.1561227 | Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:45 | 73.1562500 | Deploying | 2 | 18300 | 10.33 | 8.72 | 10.38 | 8.06 | 2285 | 1803 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:45 | 73.1565972 | Deploying | 2 | 18330 | 10.38 | 8.72 | 10.39 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:46 | 73.1569444 | Deploying | 2 | 18360 | 10.37 | 8.72 | 10.41 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 3:46 | 73.1572917 Deploying | 2 | 18390 | 10.37 | 8.72 | 10.43 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:46 | 73.1574190 Winding down 1468 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:47 | 73.1576389 Deploying | 2 | 18420 | 10.41 | 8.77 | 10.45 | 8.1 | 2349 | 1786 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:47 | 73.1579861 Deploying | 2 | 18450 | 10.44 | 8.77 | 10.46 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:48 | 73.1583333 Deploying | 2 | 18480 | 10.43 | 8.77 | 10.48 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:48 | 73.1586806 Deploying | 2 | 18510 | 10.43 | 8.77 | 10.5 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:48 | 73.1586921 Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:49 | 73.1590278 Deploying | 2 | 18540 | 10.5 | 8.84 | 10.51 | 8.05 | 2353 | 1794 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:49 | 73.1593750 Deploying | 2 | 18570 | 10.5 | 8.84 | 10.53 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:50 | 73.1597222 Deploying | 2 | 18600 | 10.5 | 8.84 | 10.55 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:50 | 73.1599884 Winding down 1563 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:50 | 73.1600694 Deploying | 2 | 18630 | 10.52 | 8.9 | 10.56 | 8.08 | 2308 | 1738 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:51 | 73.1604167 Deploying | 2 | 18660 | 10.56 | 8.9 | 10.58 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:51 | 73.1607639 Deploying | 2 | 18690 | 10.56 | 8.9 | 10.6 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:52 | 73.1611111 Deploying | 2 | 18720 | 10.56 | 8.9 | 10.62 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:52 | 73.1612847 Winding down 1750 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:52 | 73.1614583 Deploying | 2 | 18750 | 10.59 | 8.96 | 10.63 | 8.08 | 2289 | 1740 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:53 | 73.1618056 Deploying | 2 | 18780 | 10.63 | 8.96 | 10.65 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:53 | 73.1621528 Deploying | 2 | 18810 | 10.63 | 8.96 | 10.67 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:54 | 73.1625000 Deploying | 2 | 18840 | 10.64 | 8.96 | 10.68 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:54 | 73.1628125 Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:54 | 73.1628472 Deploying | 2 | 18870 | 10.64 | 9.03 | 10.7 | 8.06 | 2332 | 1766 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:55 | 73.1631944 Deploying | 2 | 18900 | 10.71 | 9.03 | 10.72 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:55 | 73.1635417 Deploying | 2 | 18930 | 10.7 | 9.03 | 10.73 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 3:56 | 73.1638889 Deploying | 2 | 18960 | 10.7 | 9.03 | 10.75 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 3:56 | 73.1641204 Winding down 1445 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:56 | 73.1642361 Deploying | 2 | 18990 | 10.73 | 9.08 | 10.77 | 8.06 | 2292 | 1780 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 3:57 | 73.1645833 Deploying | 2 | 19020 | 10.76 | 9.08 | 10.79 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:57 | 73.1649306 Deploying | 2 | 19050 | 10.76 | 9.08 | 10.8 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:58 | 73.1652778 Deploying | 2 | 19080 | 10.76 | 9.08 | 10.82 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:58 | 73.1654745 Winding down 1728 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:58 | 73.1656250 Deploying | 2 | 19110 | 10.79 | 9.15 | 10.84 | 8.06 | 2310 | 1737 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:59 | 73.1659722 Deploying | 2 | 19140 | 10.84 | 9.15 | 10.85 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 3:59 | 73.1663194 Deploying | 2 | 19170 | 10.83 | 9.15 | 10.87 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:00 | 73.1666667 Deploying | 2 | 19200 | 10.84 | 9.15 | 10.89 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:00 | 73.1668519 Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:00 | 73.1670139 Deploying | 2 | 19230 | 10.86 | 9.21 | 10.9 | 8.08 | 2323 | 1740 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 4:01 | 73.1673611 Deploying | 2 | 19260 | 10.9 | 9.21 | 10.92 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:01 | 73.1677083 Deploying | 2 | 19290 | 10.9 | 9.21 | 10.94 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:02 | 73.1680556 Deploying | 2 | 19320 | 10.9 | 9.21 | 10.96 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:02 | 73.1681829 Winding down 1743 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:02 | 73.1684028 Deploying | 2 | 19350 | 10.94 | 9.28 | 10.97 | 8.1 | 2344 | 1773 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:03 | 73.1687500 Deploying | 2 | 19380 | 10.97 | 9.28 | 10.99 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 4:03 | 73.1690972 Deploying | 2 | 19410 | 10.96 | 9.28 | 11.01 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 4:04 | 73.1694444 Deploying | 2 | 19440 | 10.97 | 9.28 | 11.02 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 4:04 | 73.1694676 Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:04 | 73.1697917 Deploying | 2 | 19470 | 11.03 | 9.34 | 11.04 | 8.06 | 2304 | 1761 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:05 | 73.1701389 Deploying | 2 | 19500 | 11.03 | 9.34 | 11.06 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 4:05 | 73.1704861 Deploying | 2 | 19530 | 11.03 | 9.34 | 11.07 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:05 | 73.1707639 Winding down 1752 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:06 | 73.1708333 Deploying | 2 | 19560 | 11.04 | 9.4 | 11.09 | 8.06 | 2348 | 1798 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 4:06 | 73.1711806 Deploying | 2 | 19590 | 11.1 | 9.4 | 11.11 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 4:07 | 73.1715278 Deploying | 2 | 19620 | 11.1 | 9.4 | 11.13 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 4:07 | 73.1718750 Deploying | 2 | 19650 | 11.1 | 9.4 | 11.14 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:07 | 73.1721991 | Winding down 1634 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:08 | 73.1722222 | Deploying | 2 | 19680 | 11.1 | 9.47 | 11.16 | 7.97 | 2306 | 1771 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:08 | 73.1725694 | Deploying | 2 | 19710 | 11.17 | 9.47 | 11.18 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:09 | 73.1729167 | Deploying | 2 | 19740 | 11.16 | 9.47 | 11.19 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:09 | 73.1732639 | Deploying | 2 | 19770 | 11.17 | 9.47 | 11.21 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:10 | 73.1736111 | Deploying | 2 | 19800 | 11.16 | 9.47 | 11.23 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:10 | 73.1737037 | Winding down 1850 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:10 | 73.1739583 | Deploying | 2 | 19830 | 11.22 | 9.54 | 11.24 | 8.05 | 2306 | 1807 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:11 | 73.1743056 | Deploying | 2 | 19860 | 11.24 | 9.54 | 11.26 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 4:11 | 73.1746528 | Deploying | 2 | 19890 | 11.24 | 9.54 | 11.28 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 4:12 | 73.1750000 | Deploying | 2 | 19920 | 11.24 | 9.54 | 11.3 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 4:12 | 73.1750463 | Winding down 1594 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:12 | 73.1753472 | Deploying | 2 | 19950 | 11.29 | 9.6 | 11.31 | 8.05 | 2296 | 1749 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:13 | 73.1756944 | Deploying | 2 | 19980 | 11.3 | 9.6 | 11.33 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 4:13 | 73.1760417 | Deploying | 2 | 20010 | 11.3 | 9.6 | 11.35 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 4:14 | 73.1763889 | Deploying | 2 | 20040 | 11.3 | 9.6 | 11.36 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 4:14 | 73.1764120 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:14 | 73.1767361 | Deploying | 2 | 20070 | 11.36 | 9.66 | 11.38 | 8.05 | 2309 | 1747 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:15 | 73.1770833 | Deploying | 2 | 20100 | 11.37 | 9.66 | 11.4 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:15 | 73.1774306 | Deploying | 2 | 20130 | 11.36 | 9.66 | 11.41 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:15 | 73.1776505 | Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:16 | 73.1777778 | Deploying | 2 | 20160 | 11.39 | 9.72 | 11.43 | 8.06 | 2294 | 1768 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:16 | 73.1781250 | Deploying | 2 | 20190 | 11.43 | 9.72 | 11.45 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:17 | 73.1784722 | Deploying | 2 | 20220 | 11.43 | 9.72 | 11.47 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:17 | 73.1788194 | Deploying | 2 | 20250 | 11.42 | 9.72 | 11.48 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:17 | 73.1789583 | Winding down 1682 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:18 | 73.1791667 | Deploying | 2 | 20280 | 11.47 | 9.78 | 11.5 | 8.06 | 2354 | 1764 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:18 | 73.1795139 | Deploying | 2 | 20310 | 11.5 | 9.78 | 11.52 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:19 | 73.1798611 | Deploying | 2 | 20340 | 11.49 | 9.78 | 11.53 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:19 | 73.1802083 | Deploying | 2 | 20370 | 11.5 | 9.78 | 11.55 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:19 | 73.1804282 | Winding down 1581 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:20 | 73.1805556 | Deploying | 2 | 20400 | 11.52 | 9.85 | 11.57 | 8.06 | 2299 | 1715 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:20 | 73.1809028 | Deploying | 2 | 20430 | 11.56 | 9.85 | 11.58 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:21 | 73.1812500 | Deploying | 2 | 20460 | 11.56 | 9.85 | 11.6 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:21 | 73.1815972 | Deploying | 2 | 20490 | 11.56 | 9.85 | 11.62 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:21 | 73.1816782 | Winding down 1611 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:22 | 73.1819444 | Deploying | 2 | 20520 | 11.62 | 9.91 | 11.64 | 8.03 | 2358 | 1754 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:22 | 73.1822917 | Deploying | 2 | 20550 | 11.63 | 9.91 | 11.65 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 4:23 | 73.1826389 | Deploying | 2 | 20580 | 11.63 | 9.91 | 11.67 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:23 | 73.1829861 | Deploying | 2 | 20610 | 11.63 | 9.91 | 11.69 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:23 | 73.1831481 | Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:24 | 73.1833333 | Deploying | 2 | 20640 | 11.66 | 9.98 | 11.7 | 8.08 | 2307 | 1730 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 4:24 | 73.1836806 | Deploying | 2 | 20670 | 11.7 | 9.98 | 11.72 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:25 | 73.1840278 | Deploying | 2 | 20700 | 11.7 | 9.98 | 11.74 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:25 | 73.1843750 | Deploying | 2 | 20730 | 11.69 | 9.98 | 11.75 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:25 | 73.1844213 | Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:26 | 73.1847222 | Deploying | 2 | 20760 | 11.76 | 10.04 | 11.77 | 8.06 | 2302 | 1767 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 4:26 | 73.1850694 | Deploying | 2 | 20790 | 11.77 | 10.04 | 11.79 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:27 | 73.1854167 | Deploying | 2 | 20820 | 11.77 | 10.04 | 11.81 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:27 | 73.1857639 | Deploying | 2 | 20850 | 11.78 | 10.04 | 11.82 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:27 | 73.1860995 | Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:28 | 73.1861111 | Deploying | 2 | 20880 | 11.77 | 10.1 | 11.84 | 8.06 | 2352 | 1798 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:28 | 73.1864583 | Deploying | 2 | 20910 | 11.85 | 10.1 | 11.86 | 8.06 | 2352 | 243 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:29 | 73.1868056 | Deploying | 2 | 20940 | 11.84 | 10.1 | 11.87 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| Date/Time | Value / Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:29 | 73.1871528 Deploying | 2 | 20970 | 11.84 | 10.1 | 11.89 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:29 | 73.1873611 Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:30 | 73.1875000 Deploying | 2 | 21000 | 11.86 | 10.16 | 11.91 | 8.06 | 2288 | 1791 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:30 | 73.1878472 Deploying | 2 | 21030 | 11.91 | 10.16 | 11.92 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:31 | 73.1881944 Deploying | 2 | 21060 | 11.91 | 10.16 | 11.94 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:31 | 73.1885417 Deploying | 2 | 21090 | 11.91 | 10.16 | 11.96 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:31 | 73.1887616 Winding down 1606 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:32 | 73.1888889 Deploying | 2 | 21120 | 11.93 | 10.23 | 11.98 | 8.03 | 2292 | 1760 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 4:32 | 73.1892361 Deploying | 2 | 21150 | 11.97 | 10.23 | 11.99 | 8.02 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:33 | 73.1895833 Deploying | 2 | 21180 | 11.96 | 10.23 | 12.01 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:33 | 73.1898843 Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:33 | 73.1899306 Deploying | 2 | 21210 | 11.98 | 10.28 | 12.03 | 8.03 | 2343 | 1773 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:34 | 73.1902778 Deploying | 2 | 21240 | 12.03 | 10.28 | 12.04 | 8.05 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:34 | 73.1906250 Deploying | 2 | 21270 | 12.02 | 10.28 | 12.06 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:35 | 73.1909722 Deploying | 2 | 21300 | 12.02 | 10.28 | 12.08 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:35 | 73.1912384 Winding down 1738 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:35 | 73.1913194 Deploying | 2 | 21330 | 12.04 | 10.35 | 12.09 | 8.06 | 2341 | 1769 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:36 | 73.1916667 Deploying | 2 | 21360 | 12.09 | 10.35 | 12.11 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:36 | 73.1920139 Deploying | 2 | 21390 | 12.1 | 10.35 | 12.13 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:37 | 73.1923611 Deploying | 2 | 21420 | 12.1 | 10.35 | 12.15 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:37 | 73.1925694 Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:37 | 73.1927083 Deploying | 2 | 21450 | 12.12 | 10.4 | 12.16 | 8.05 | 2284 | 1764 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 4:38 | 73.1930556 Deploying | 2 | 21480 | 12.16 | 10.4 | 12.18 | 8.02 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:38 | 73.1934028 Deploying | 2 | 21510 | 12.15 | 10.4 | 12.2 | 8.03 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:39 | 73.1937500 Deploying | 2 | 21540 | 12.16 | 10.4 | 12.21 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:39 | 73.1939815 Winding down 1770 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:39 | 73.1940972 Deploying | 2 | 21570 | 12.18 | 10.47 | 12.23 | 8.03 | 2295 | 1779 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:40 | 73.1944444 Deploying | 2 | 21600 | 12.23 | 10.47 | 12.25 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:40 | 73.1947917 Deploying | 2 | 21630 | 12.23 | 10.47 | 12.26 | 8.05 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 4:41 | 73.1951389 Deploying | 2 | 21660 | 12.23 | 10.47 | 12.28 | 8.03 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:41 | 73.1953819 Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:41 | 73.1954861 Deploying | 2 | 21690 | 12.25 | 10.54 | 12.3 | 8.02 | 2321 | 1750 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:42 | 73.1958333 Deploying | 2 | 21720 | 12.3 | 10.54 | 12.32 | 8.03 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:42 | 73.1961806 Deploying | 2 | 21750 | 12.29 | 10.54 | 12.33 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:43 | 73.1965278 Deploying | 2 | 21780 | 12.3 | 10.54 | 12.35 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:43 | 73.1967593 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:43 | 73.1968750 Deploying | 2 | 21810 | 12.32 | 10.6 | 12.37 | 8.03 | 2278 | 1791 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:44 | 73.1972222 Deploying | 2 | 21840 | 12.36 | 10.6 | 12.38 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:44 | 73.1975694 Deploying | 2 | 21870 | 12.37 | 10.6 | 12.4 | 8.06 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:45 | 73.1979167 Deploying | 2 | 21900 | 12.36 | 10.6 | 12.42 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:45 | 73.1980093 Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:45 | 73.1982639 Deploying | 2 | 21930 | 12.41 | 10.66 | 12.43 | 8.03 | 2351 | 1786 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:46 | 73.1986111 Deploying | 2 | 21960 | 12.43 | 10.66 | 12.45 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:46 | 73.1989583 Deploying | 2 | 21990 | 12.42 | 10.66 | 12.47 | 8.05 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:47 | 73.1993056 Deploying | 2 | 22020 | 12.42 | 10.66 | 12.49 | 8.02 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:47 | 73.1993519 Winding down 1819 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:47 | 73.1996528 Deploying | 2 | 22050 | 12.48 | 10.73 | 12.5 | 8.06 | 2353 | 1824 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:48 | 73.2000000 Deploying | 2 | 22080 | 12.5 | 10.73 | 12.52 | 8.03 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:48 | 73.2003472 Deploying | 2 | 22110 | 12.49 | 10.73 | 12.54 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:49 | 73.2006944 Deploying | 2 | 22140 | 12.5 | 10.73 | 12.55 | 8.03 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:49 | 73.2006944 Winding down 1437 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:49 | 73.2010417 Deploying | 2 | 22170 | 12.56 | 10.79 | 12.57 | 8.03 | 2296 | 1742 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:50 | 73.2013889 Deploying | 2 | 22200 | 12.57 | 10.79 | 12.59 | 8.06 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:50 | 73.2017361 Deploying | 2 | 22230 | 12.58 | 10.79 | 12.6 | 8.03 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |

| Date/Time | Value / Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:51 | 73.2020833 Deploying | 2 | 22260 | 12.57 | 10.79 | 12.62 | 8.03 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:51 | 73.2023727 Winding down 1766 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:51 | 73.2024306 Deploying | 2 | 22290 | 12.58 | 10.85 | 12.64 | 8.02 | 2339 | 1789 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:52 | 73.2027778 Deploying | 2 | 22320 | 12.64 | 10.85 | 12.66 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:52 | 73.2031250 Deploying | 2 | 22350 | 12.63 | 10.85 | 12.67 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:53 | 73.2034722 Deploying | 2 | 22380 | 12.63 | 10.85 | 12.69 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:53 | 73.2035532 Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:53 | 73.2038194 Deploying | 2 | 22410 | 12.68 | 10.91 | 12.71 | 8.06 | 2308 | 1768 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:54 | 73.2041667 Deploying | 2 | 22440 | 12.7 | 10.91 | 12.72 | 8.03 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:54 | 73.2045139 Deploying | 2 | 22470 | 12.7 | 10.91 | 12.74 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:55 | 73.2048611 Deploying | 2 | 22500 | 12.71 | 10.91 | 12.76 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:55 | 73.2050463 Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:55 | 73.2052083 Deploying | 2 | 22530 | 12.73 | 10.97 | 12.77 | 8.02 | 2294 | 1777 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:56 | 73.2055556 Deploying | 2 | 22560 | 12.77 | 10.97 | 12.79 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:56 | 73.2059028 Deploying | 2 | 22590 | 12.78 | 10.97 | 12.81 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:57 | 73.2062500 Deploying | 2 | 22620 | 12.77 | 10.97 | 12.83 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:57 | 73.2064699 Winding down 1756 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:57 | 73.2065972 Deploying | 2 | 22650 | 12.79 | 11.04 | 12.84 | 8.03 | 2332 | 1792 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:58 | 73.2069444 Deploying | 2 | 22680 | 12.84 | 11.04 | 12.86 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:58 | 73.2072917 Deploying | 2 | 22710 | 12.85 | 11.04 | 12.88 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:59 | 73.2076389 Deploying | 2 | 22740 | 12.85 | 11.04 | 12.89 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 4:59 | 73.2078935 Winding down 1599 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:59 | 73.2079861 Deploying | 2 | 22770 | 12.87 | 11.1 | 12.91 | 8.02 | 2306 | 1803 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 5:00 | 73.2083333 Deploying | 2 | 22800 | 12.91 | 11.1 | 12.93 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 5:00 | 73.2086806 Deploying | 2 | 22830 | 12.91 | 11.1 | 12.94 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 5:01 | 73.2090278 Deploying | 2 | 22860 | 12.91 | 11.1 | 12.96 | 8 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 5:01 | 73.2093171 Winding down 1541 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:01 | 73.2093750 Deploying | 2 | 22890 | 12.92 | 11.16 | 12.98 | 8.02 | 2357 | 1792 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:02 | 73.2097222 Deploying | 2 | 22920 | 12.98 | 11.16 | 13 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:02 | 73.2100694 Deploying | 2 | 22950 | 12.98 | 11.16 | 13.01 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 5:03 | 73.2104167 Deploying | 2 | 22980 | 12.98 | 11.16 | 13.03 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:03 | 73.2106366 Winding down 1731 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:03 | 73.2107639 Deploying | 2 | 23010 | 13 | 11.23 | 13.05 | 8.03 | 2346 | 1785 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 5:04 | 73.2111111 Deploying | 2 | 23040 | 13.05 | 11.23 | 13.06 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:04 | 73.2114583 Deploying | 2 | 23070 | 13.05 | 11.23 | 13.08 | 8.02 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 5:05 | 73.2118056 Deploying | 2 | 23100 | 13.06 | 11.23 | 13.1 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 5:05 | 73.2121181 Winding down 1470 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:05 | 73.2121528 Deploying | 2 | 23130 | 13.06 | 11.29 | 13.11 | 8.02 | 2284 | 1780 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:06 | 73.2125000 Deploying | 2 | 23160 | 13.12 | 11.29 | 13.13 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 5:06 | 73.2128472 Deploying | 2 | 23190 | 13.13 | 11.29 | 13.15 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 5:07 | 73.2131944 Deploying | 2 | 23220 | 13.12 | 11.29 | 13.17 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:07 | 73.2135417 Deploying | 2 | 23250 | 13.12 | 11.29 | 13.18 | 8.03 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:07 | 73.2135995 Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:08 | 73.2138889 Deploying | 2 | 23280 | 13.17 | 11.35 | 13.2 | 8.05 | 2352 | 1782 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:08 | 73.2142361 Deploying | 2 | 23310 | 13.18 | 11.35 | 13.22 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:09 | 73.2145833 Deploying | 2 | 23340 | 13.19 | 11.35 | 13.23 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:09 | 73.2149074 Winding down 1584 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:09 | 73.2149306 Deploying | 2 | 23370 | 13.19 | 11.41 | 13.25 | 7.92 | 2353 | 1789 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:10 | 73.2152778 Deploying | 2 | 23400 | 13.26 | 11.41 | 13.27 | 8.02 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:10 | 73.2156250 Deploying | 2 | 23430 | 13.25 | 11.41 | 13.28 | 8.02 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:11 | 73.2159722 Deploying | 2 | 23460 | 13.26 | 11.41 | 13.3 | 8.02 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:11 | 73.2163194 Deploying | 2 | 23490 | 13.26 | 11.41 | 13.32 | 8.03 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 5:11 | 73.2163657 Winding down 1694 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:12 | 73.2166667 Deploying | 2 | 23520 | 13.32 | 11.47 | 13.34 | 8.02 | 2298 | 1784 | 0 | -6 | -6 | -6 | -6 |

| Date | Time | Value | State | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:12 | 73.2170139 | Deploying | 2 | 23550 | 13.33 | 11.47 | 13.35 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:13 | 73.2173611 | Deploying | 2 | 23580 | 13.34 | 11.47 | 13.37 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:13 | 73.2177083 | Deploying | 2 | 23610 | 13.34 | 11.47 | 13.39 | 8 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:13 | 73.2180093 | Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:14 | 73.2180556 | Deploying | 2 | 23640 | 13.35 | 11.53 | 13.4 | 8.02 | 2310 | 1787 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:14 | 73.2184028 | Deploying | 2 | 23670 | 13.4 | 11.53 | 13.42 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:15 | 73.2187500 | Deploying | 2 | 23700 | 13.4 | 11.53 | 13.44 | 8.02 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 5:15 | 73.2190972 | Deploying | 2 | 23730 | 13.4 | 11.53 | 13.45 | 8.02 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:15 | 73.2191435 | Winding down 1569 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:16 | 73.2194444 | Deploying | 2 | 23760 | 13.45 | 11.59 | 13.47 | 8.02 | 2308 | 1776 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:16 | 73.2197917 | Deploying | 2 | 23790 | 13.47 | 11.59 | 13.49 | 8.02 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 5:17 | 73.2201389 | Deploying | 2 | 23820 | 13.47 | 11.59 | 13.51 | 8.03 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:17 | 73.2204861 | Deploying | 2 | 23850 | 13.47 | 11.59 | 13.52 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:17 | 73.2206134 | Winding down 1493 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:18 | 73.2208333 | Deploying | 2 | 23880 | 13.5 | 11.65 | 13.54 | 8 | 2356 | 1784 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:18 | 73.2211806 | Deploying | 2 | 23910 | 13.53 | 11.65 | 13.56 | 8 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/13/2016 5:19 | 73.2215278 | Deploying | 2 | 23940 | 13.53 | 11.65 | 13.57 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:19 | 73.2218403 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:19 | 73.2218750 | Deploying | 2 | 23970 | 13.53 | 11.71 | 13.59 | 8 | 2311 | 1768 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:20 | 73.2222222 | Deploying | 2 | 24000 | 13.6 | 11.71 | 13.61 | 8.02 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 3/13/2016 5:20 | 73.2225694 | Deploying | 2 | 24030 | 13.6 | 11.71 | 13.62 | 8 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:21 | 73.2229167 | Deploying | 2 | 24060 | 13.61 | 11.71 | 13.64 | 8.05 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:21 | 73.2232639 | Deploying | 2 | 24090 | 13.59 | 11.71 | 13.66 | 8.02 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:21 | 73.2234028 | Winding down 1832 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:22 | 73.2236111 | Deploying | 2 | 24120 | 13.64 | 11.78 | 13.68 | 8.03 | 2353 | 1779 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:22 | 73.2239583 | Deploying | 2 | 24150 | 13.67 | 11.78 | 13.69 | 8.02 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:23 | 73.2243056 | Deploying | 2 | 24180 | 13.68 | 11.78 | 13.71 | 8.02 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:23 | 73.2246528 | Deploying | 2 | 24210 | 13.66 | 11.78 | 13.73 | 8.02 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:23 | 73.2247222 | Winding down 1672 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:24 | 73.2250000 | Deploying | 2 | 24240 | 13.73 | 11.85 | 13.74 | 8.02 | 2308 | 1790 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:24 | 73.2253472 | Deploying | 2 | 24270 | 13.75 | 11.85 | 13.76 | 8.03 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:25 | 73.2256944 | Deploying | 2 | 24300 | 13.75 | 11.85 | 13.78 | 8.03 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:25 | 73.2260417 | Deploying | 2 | 24330 | 13.74 | 11.85 | 13.79 | 8 | 0 | 0 | 0 | -13 | -6 | -8 | -6 |
| 3/13/2016 5:25 | 73.2262269 | Winding down 1489 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:26 | 73.2263889 | Deploying | 2 | 24360 | 13.77 | 11.91 | 13.81 | 8.05 | 2353 | 1788 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 5:26 | 73.2267361 | Deploying | 2 | 24390 | 13.81 | 11.91 | 13.83 | 7.98 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:27 | 73.2270833 | Deploying | 2 | 24420 | 13.81 | 11.91 | 13.85 | 8 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:27 | 73.2274306 | Deploying | 2 | 24450 | 13.82 | 11.91 | 13.86 | 8 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 5:27 | 73.2277546 | Winding down 1634 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:28 | 73.2277778 | Deploying | 2 | 24480 | 13.81 | 11.97 | 13.88 | 7.89 | 2312 | 1753 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 5:28 | 73.2281250 | Deploying | 2 | 24510 | 13.88 | 11.97 | 13.9 | 8.03 | 0 | 0 | 1 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:28 | 73.2282060 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/13/2016 5:28 | 73.2282060 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/13/2016 5:28 | 73.2282407 | Winding up 1850 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:28 | 73.2282639 | Winding up 3100 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:28 | 73.2283102 | Winding up 5225 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:28 | 73.2283796 | Winding up 7875 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:29 | 73.2284722 | Rewinding | 5 | 24517 | 13.7 | 11.27 | 13.32 | 7.67 | 1156 | 940 | | | | | |
| 3/13/2016 5:29 | 73.2284722 | Winding up 10150 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:29 | 73.2285995 | Winding up 10900 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:29 | 73.2287269 | Winding up 10374 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:29 | 73.2288194 | Rewinding | 5 | 24517 | 12.94 | 10.06 | 12.57 | 7.6 | 1137 | 918 | | | | | |
| 3/13/2016 5:29 | 73.2288542 | Winding up 9450 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:29 | 73.2289699 | Winding up 8575 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Col | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:29 | 73.2290741 Winding up 7899 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2291667 Rewinding | 5 | 24517 | 12.09 | 9.06 | 11.82 | 7.6 | 1158 | 899 |
| 3/13/2016 5:30 | 73.2291667 Winding up 7325 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2292593 Winding up 6599 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2293403 Winding up 6225 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2294213 Winding up 5675 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2294907 Winding up 5200 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2295139 Rewinding | 5 | 24517 | 11.25 | 7.87 | 11.07 | 7.57 | 1157 | 914 |
| 3/13/2016 5:30 | 73.2295602 Winding up 4825 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2296181 Winding up 4500 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2296759 Winding up 4100 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2297338 Winding up 4100 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2297917 Winding up 4400 ticks | 3 | | | | | | | |
| 3/13/2016 5:30 | 73.2298495 Winding up 4850 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2298611 Rewinding | 5 | 24517 | 10.49 | 6.84 | 10.32 | 7.89 | 1155 | 393 |
| 3/13/2016 5:31 | 73.2299074 Winding up 5225 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2299769 Winding up 5625 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2300463 Winding up 5950 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2301157 Winding up 5575 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2301852 Winding up 5075 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2302083 Rewinding | 5 | 24517 | 9.75 | 5.8 | 9.57 | 7.51 | 1147 | 907 |
| 3/13/2016 5:31 | 73.2302546 Winding up 4700 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2303125 Winding up 4500 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2303704 Winding up 4100 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2304282 Winding up 3700 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2304745 Winding up 3575 ticks | 3 | | | | | | | |
| 3/13/2016 5:31 | 73.2305208 Winding up 3325 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2305556 Rewinding | 5 | 24517 | 8.92 | 4.88 | 8.82 | 7.6 | 1160 | 910 |
| 3/13/2016 5:32 | 73.2305671 Winding up 3075 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2306134 Winding up 2850 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2306481 Winding up 2700 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2306829 Winding up 2525 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2307176 Winding up 2475 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2307523 Winding up 2450 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2307870 Winding up 2425 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2308218 Winding up 2275 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2308565 Winding up 2200 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2308912 Winding up 2225 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2309028 Rewinding | 5 | 24517 | 8.14 | 3.92 | 8.07 | 7.86 | 1162 | 888 |
| 3/13/2016 5:32 | 73.2309259 Winding up 2200 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2309606 Winding up 2275 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2309954 Winding up 2250 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2310301 Winding up 2375 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2310648 Winding up 2425 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2310995 Winding up 2550 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2311343 Winding up 2625 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2311690 Winding up 2800 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2312037 Winding up 2850 ticks | 3 | | | | | | | |
| 3/13/2016 5:32 | 73.2312384 Winding up 2800 ticks | 3 | | | | | | | |
| 3/13/2016 5:33 | 73.2312500 Rewinding | 5 | 24517 | 7.41 | 2.97 | 7.32 | 7.86 | 1165 | 902 |
| 3/13/2016 5:33 | 73.2312731 Winding up 2800 ticks | 3 | | | | | | | |
| 3/13/2016 5:33 | 73.2313079 Winding up 2700 ticks | 3 | | | | | | | |
| 3/13/2016 5:33 | 73.2313426 Winding up 2625 ticks | 3 | | | | | | | |
| 3/13/2016 5:33 | 73.2313773 Winding up 2450 ticks | 3 | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:33 | 73.2314120 Winding up 2275 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2314468 Winding up 2050 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2314815 Winding up 1875 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2315046 Winding up 1775 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2315278 Winding up 1650 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2315509 Winding up 1550 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2315741 Winding up 1500 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2315972 Rewinding | 5 | 24517 | 6.6 | 2.09 | 6.57 | 7.54 | 1162 | 885 |
| 3/13/2016 5:33 | 73.2315972 Winding up 1425 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2316204 Winding up 1400 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2316435 Winding up 1400 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2316667 Winding up 1400 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2316898 Winding up 1450 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2317130 Winding up 1500 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2317361 Winding up 1525 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2317593 Winding up 1600 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2317824 Winding up 1650 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2318056 Winding up 1750 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2318287 Winding up 1800 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2318519 Winding up 1800 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2318750 Winding up 1875 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2318981 Winding up 1900 ticks | 3 | | | | | | |
| 3/13/2016 5:33 | 73.2319213 Winding up 1925 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2319444 Rewinding | 5 | 24517 | 5.87 | 1.16 | 5.82 | 7.56 | 1151 | 913 |
| 3/13/2016 5:34 | 73.2319444 Winding up 1925 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2319676 Winding up 1900 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2319907 Winding up 1800 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2320139 Winding up 1700 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2320370 Winding up 1600 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2320602 Winding up 1500 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2320833 Winding up 1400 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2321065 Winding up 1350 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2321875 Winding up 1275 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2322106 Winding up 1425 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2322338 Winding up 1650 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2322569 Winding up 1825 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2322801 Winding up 2025 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2322917 Rewinding | 5 | 24517 | 5.13 | 0.36 | 5.07 | 7.84 | 1158 | 907 |
| 3/13/2016 5:34 | 73.2323148 Winding up 2325 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2323495 Winding up 2650 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2323843 Winding up 3075 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2324306 Winding up 3575 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2324769 Winding up 4100 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2325347 Winding up 4275 ticks | 3 | | | | | | |
| 3/13/2016 5:34 | 73.2325926 Winding up 4200 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2326389 Rewinding | 5 | 24517 | 4.46 | -0.55 | 4.32 | 7.57 | 1142 | 898 |
| 3/13/2016 5:35 | 73.2326505 Winding up 4125 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2327083 Winding up 4050 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2327662 Winding up 3850 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2328125 Winding up 3725 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2328588 Winding up 3525 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2329051 Winding up 3250 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2329514 Winding up 3000 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2329861 Rewinding | 5 | 24517 | 3.66 | -1.51 | 3.57 | 7.49 | 1155 | 902 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:35 | 73.2329861 Winding up 2875 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2330208 Winding up 2725 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2330556 Winding up 2475 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2330903 Winding up 2175 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2331250 Winding up 1900 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2331481 Winding up 1800 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2331713 Winding up 1650 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2331944 Winding up 1500 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2332176 Winding up 1350 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2332523 Winding up 1250 ticks | 3 | | | | | | |
| 3/13/2016 5:35 | 73.2333102 Winding up 1275 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2333333 Rewinding | 5 | 24517 | 2.85 | -2.3 | 2.82 | 7.56 | 1160 | 899 |
| 3/13/2016 5:36 | 73.2333333 Winding up 1400 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2333565 Winding up 1475 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2333796 Winding up 1625 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2334028 Winding up 1775 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2334259 Winding up 2000 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2334606 Winding up 2325 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2334954 Winding up 2650 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2335301 Winding up 3025 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2335764 Winding up 3500 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2336227 Winding up 3850 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2336690 Winding up 3900 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2336806 Rewinding | 5 | 24517 | 2.2 | -3.33 | 2.07 | 7.79 | 1163 | 883 |
| 3/13/2016 5:36 | 73.2337153 Winding up 3800 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2337616 Winding up 3550 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2338079 Winding up 3250 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2338542 Winding up 2850 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2338889 Winding up 2550 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2339236 Winding up 2250 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2339583 Winding up 1925 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2339815 Winding up 1725 ticks | 3 | | | | | | |
| 3/13/2016 5:36 | 73.2340046 Winding up 1500 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2340278 Rewinding | 5 | 24517 | 1.35 | -4.21 | 1.32 | 7.56 | 1127 | 859 |
| 3/13/2016 5:37 | 73.2340278 Winding up 1275 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2341319 Winding up 1300 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2341435 Winding up 1450 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2341551 Winding up 1575 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2341667 Winding up 1725 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2341782 Winding up 1875 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2341898 Winding up 2075 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2342014 Winding up 2300 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2342130 Winding up 2525 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2342245 Winding up 2800 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2342361 Winding up 3150 ticks | 3 | | | | | | |
| 3/13/2016 5:37 | 73.2342477 Overcurrent (motor jam) condition detected | 5 | | | | | | |
| 3/13/2016 5:37 | 73.2342477 State 5 (FINISHED) | 5 | | | | | | |

DPS4-3

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deplo | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:00 | 73.3333333 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/13/2016 8:00 | 73.3333333 | Waiting to start | 5 | battery 8.05V | | | | | | | | | | | |
| 3/13/2016 8:00 | 73.3336806 | Deploying | 2 | 30 | 0.91 | 0 | 0.02 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:01 | 73.3340278 | Deploying | 2 | 60 | 0.91 | 0 | 0.04 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:01 | 73.3343750 | Deploying | 2 | 90 | 0.91 | 0 | 0.06 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:02 | 73.3347222 | Deploying | 2 | 120 | 0.91 | 0 | 0.08 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:02 | 73.3350694 | Deploying | 2 | 150 | 0.91 | 0 | 0.09 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:03 | 73.3354167 | Deploying | 2 | 180 | 0.91 | 0 | 0.11 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:03 | 73.3357639 | Deploying | 2 | 210 | 0.91 | 0 | 0.13 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:04 | 73.3361111 | Deploying | 2 | 240 | 0.91 | 0 | 0.14 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:04 | 73.3364583 | Deploying | 2 | 270 | 0.91 | 0 | 0.16 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:05 | 73.3368056 | Deploying | 2 | 300 | 0.91 | 0 | 0.18 | 8.03 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 8:05 | 73.3371528 | Deploying | 2 | 330 | 0.91 | 0 | 0.19 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:06 | 73.3375000 | Deploying | 2 | 360 | 0.91 | 0 | 0.21 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:06 | 73.3378472 | Deploying | 2 | 390 | 0.9 | 0 | 0.23 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:07 | 73.3381944 | Deploying | 2 | 420 | 0.91 | 0 | 0.25 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:07 | 73.3385417 | Deploying | 2 | 450 | 0.91 | 0 | 0.26 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:08 | 73.3388889 | Deploying | 2 | 480 | 0.9 | 0 | 0.28 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:08 | 73.3392361 | Deploying | 2 | 510 | 0.91 | 0 | 0.3 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:09 | 73.3395833 | Deploying | 2 | 540 | 0.91 | 0 | 0.31 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:09 | 73.3399306 | Deploying | 2 | 570 | 0.9 | 0 | 0.33 | 8.02 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:10 | 73.3402778 | Deploying | 2 | 600 | 0.9 | 0 | 0.35 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:10 | 73.3406250 | Deploying | 2 | 630 | 0.9 | 0 | 0.36 | 8.02 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 8:11 | 73.3409722 | Deploying | 2 | 660 | 0.9 | 0 | 0.38 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 8:11 | 73.3413194 | Deploying | 2 | 690 | 0.9 | 0 | 0.4 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:12 | 73.3416667 | Deploying | 2 | 720 | 0.91 | 0 | 0.42 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:12 | 73.3420139 | Deploying | 2 | 750 | 0.9 | 0 | 0.43 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:13 | 73.3423611 | Deploying | 2 | 780 | 0.91 | 0 | 0.45 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:13 | 73.3427083 | Deploying | 2 | 810 | 0.91 | 0 | 0.47 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:14 | 73.3430556 | Deploying | 2 | 840 | 0.91 | 0 | 0.48 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:14 | 73.3434028 | Deploying | 2 | 870 | 0.91 | 0 | 0.5 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:15 | 73.3437500 | Deploying | 2 | 900 | 0.91 | 0 | 0.52 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:15 | 73.3440972 | Deploying | 2 | 930 | 0.9 | 0 | 0.53 | 8.02 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 8:16 | 73.3444444 | Deploying | 2 | 960 | 0.91 | 0 | 0.55 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:16 | 73.3447917 | Deploying | 2 | 990 | 0.91 | 0 | 0.57 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:17 | 73.3451389 | Deploying | 2 | 1020 | 0.91 | 0 | 0.59 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:17 | 73.3454861 | Deploying | 2 | 1050 | 0.9 | 0 | 0.6 | 8.03 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:18 | 73.3458333 | Deploying | 2 | 1080 | 0.9 | 0 | 0.62 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:18 | 73.3461806 | Deploying | 2 | 1110 | 0.91 | 0 | 0.64 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:19 | 73.3465278 | Deploying | 2 | 1140 | 0.9 | 0 | 0.65 | 8 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:19 | 73.3468750 | Deploying | 2 | 1170 | 0.91 | 0 | 0.67 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:20 | 73.3472222 | Deploying | 2 | 1200 | 0.9 | 0 | 0.69 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:20 | 73.3475694 | Deploying | 2 | 1230 | 0.91 | 0 | 0.7 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:21 | 73.3479167 | Deploying | 2 | 1260 | 0.91 | 0 | 0.72 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:21 | 73.3482639 | Deploying | 2 | 1290 | 0.9 | 0 | 0.74 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 8:22 | 73.3486111 | Deploying | 2 | 1320 | 0.91 | 0 | 0.76 | 7.97 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 3/13/2016 8:22 | 73.3489583 | Deploying | 2 | 1350 | 0.9 | 0 | 0.77 | 8 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:23 | 73.3493056 | Deploying | 2 | 1380 | 0.9 | 0 | 0.79 | 8 | 0 | 0 | 0 | -6 | -8 | -6 | -8 |
| 3/13/2016 8:23 | 73.3496528 | Deploying | 2 | 1410 | 0.91 | 0 | 0.81 | 8 | 0 | 0 | 0 | -6 | -8 | -6 | -8 |
| 3/13/2016 8:24 | 73.3500000 | Deploying | 2 | 1440 | 0.92 | 0 | 0.82 | 8.02 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 3/13/2016 8:24 | 73.3503472 | Deploying | 2 | 1470 | 0.91 | 0 | 0.84 | 7.98 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:25 | 73.3506944 | Deploying | 2 | 1500 | 0.91 | 0 | 0.86 | 8.02 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 8:25 | 73.3510417 | Deploying | 2 | 1530 | 0.9 | 0 | 0.87 | 7.98 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:26 | 73.3513889 | Deploying | 2 | 1560 | 0.91 | 0 | 0.89 | 7.98 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 8:26 | 73.3517361 | Deploying | 2 | 1590 | 0.91 | 0 | 0.91 | 7.98 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:27 | 73.3520833 | Deploying | 2 | 1620 | 0.91 | 0 | 0.93 | 7.98 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 8:27 | 73.3524306 | Deploying | 2 | 1650 | 0.91 | 0 | 0.94 | 8 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 8:28 | 73.3527778 | Deploying | 2 | 1680 | 0.91 | 0 | 0.96 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:28 | 73.3530440 | Winding down 1638 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:28 | 73.3531250 | Deploying | 2 | 1710 | 0.92 | 0.06 | 0.98 | 8.02 | 2284 | 1766 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 8:29 | 73.3534722 | Deploying | 2 | 1740 | 0.98 | 0.06 | 0.99 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:29 | 73.3538194 | Deploying | 2 | 1770 | 0.97 | 0.06 | 1.01 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:30 | 73.3541667 | Deploying | 2 | 1800 | 0.97 | 0.06 | 1.03 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:30 | 73.3542477 | Winding down 1611 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:30 | 73.3545139 | Deploying | 2 | 1830 | 1.03 | 0.12 | 1.04 | 8.02 | 2306 | 1809 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:31 | 73.3548611 | Deploying | 2 | 1860 | 1.04 | 0.12 | 1.06 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:31 | 73.3552083 | Deploying | 2 | 1890 | 1.05 | 0.12 | 1.08 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:32 | 73.3555556 | Deploying | 2 | 1920 | 1.04 | 0.12 | 1.1 | 7.97 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:32 | 73.3557755 | Winding down 1756 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:32 | 73.3559028 | Deploying | 2 | 1950 | 1.06 | 0.19 | 1.11 | 7.97 | 2279 | 1763 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:33 | 73.3562500 | Deploying | 2 | 1980 | 1.12 | 0.19 | 1.13 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:33 | 73.3565972 | Deploying | 2 | 2010 | 1.12 | 0.19 | 1.15 | 7.97 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:34 | 73.3569444 | Deploying | 2 | 2040 | 1.11 | 0.19 | 1.16 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:34 | 73.3571412 | Winding down 1703 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:34 | 73.3572917 | Deploying | 2 | 2070 | 1.14 | 0.25 | 1.18 | 7.98 | 2299 | 1780 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:35 | 73.3576389 | Deploying | 2 | 2100 | 1.19 | 0.25 | 1.2 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:35 | 73.3579861 | Deploying | 2 | 2130 | 1.19 | 0.25 | 1.21 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:36 | 73.3583333 | Deploying | 2 | 2160 | 1.19 | 0.25 | 1.23 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:36 | 73.3586806 | Deploying | 2 | 2190 | 1.19 | 0.25 | 1.25 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:36 | 73.3586921 | Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:37 | 73.3590278 | Deploying | 2 | 2220 | 1.25 | 0.31 | 1.27 | 8.02 | 2338 | 1794 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:37 | 73.3593750 | Deploying | 2 | 2250 | 1.24 | 0.31 | 1.28 | 7.98 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:38 | 73.3597222 | Deploying | 2 | 2280 | 1.25 | 0.31 | 1.3 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:38 | 73.3600694 | Deploying | 2 | 2310 | 1.25 | 0.31 | 1.32 | 7.97 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 8:38 | 73.3600694 | Winding down 1812 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:39 | 73.3604167 | Deploying | 2 | 2340 | 1.33 | 0.38 | 1.33 | 8 | 2298 | 1782 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:39 | 73.3607639 | Deploying | 2 | 2370 | 1.33 | 0.38 | 1.35 | 7.97 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:40 | 73.3611111 | Deploying | 2 | 2400 | 1.32 | 0.38 | 1.37 | 7.97 | 0 | 0 | 0 | -6 | -8 | -7 | -8 |
| 3/13/2016 8:40 | 73.3614120 | Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:40 | 73.3614583 | Deploying | 2 | 2430 | 1.33 | 0.43 | 1.38 | 8 | 2328 | 1787 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:41 | 73.3618056 | Deploying | 2 | 2460 | 1.38 | 0.43 | 1.4 | 8.02 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:41 | 73.3621528 | Deploying | 2 | 2490 | 1.39 | 0.43 | 1.42 | 8.02 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:42 | 73.3625000 | Deploying | 2 | 2520 | 1.38 | 0.43 | 1.44 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:42 | 73.3627546 | Winding down 1724 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:42 | 73.3628472 | Deploying | 2 | 2550 | 1.4 | 0.5 | 1.45 | 7.98 | 2264 | 1788 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:43 | 73.3631944 | Deploying | 2 | 2580 | 1.45 | 0.5 | 1.47 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:43 | 73.3635417 | Deploying | 2 | 2610 | 1.46 | 0.5 | 1.49 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:44 | 73.3638889 | Deploying | 2 | 2640 | 1.45 | 0.5 | 1.5 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:44 | 73.3641435 | Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:44 | 73.3642361 | Deploying | 2 | 2670 | 1.48 | 0.56 | 1.52 | 7.98 | 2296 | 1785 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:45 | 73.3645833 | Deploying | 2 | 2700 | 1.52 | 0.56 | 1.54 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:45 | 73.3649306 | Deploying | 2 | 2730 | 1.53 | 0.56 | 1.55 | 7.97 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:46 | 73.3652778 | Deploying | 2 | 2760 | 1.52 | 0.56 | 1.57 | 8 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:46 | 73.3655324 | Winding down 1624 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:46 | 73.3656250 | Deploying | 2 | 2790 | 1.54 | 0.62 | 1.59 | 7.98 | 2307 | 1786 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:47 | 73.3659722 | Deploying | 2 | 2820 | 1.59 | 0.62 | 1.61 | 7.97 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:47 | 73.3663194 | Deploying | 2 | 2850 | 1.59 | 0.62 | 1.62 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:48 | 73.3666667 | Deploying | 2 | 2880 | 1.59 | 0.62 | 1.64 | 7.97 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:48 | 73.3669329 | Winding down 1763 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:48 | 73.3670139 | Deploying | 2 | 2910 | 1.6 | 0.69 | 1.66 | 8 | 2351 | 1796 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:49 | 73.3673611 | Deploying | 2 | 2940 | 1.66 | 0.69 | 1.67 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:49 | 73.3677083 | Deploying | 2 | 2970 | 1.66 | 0.69 | 1.69 | 7.97 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:50 | 73.3680556 | Deploying | 2 | 3000 | 1.65 | 0.69 | 1.71 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:50 | 73.3682639 | Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:50 | 73.3684028 | Deploying | 2 | 3030 | 1.69 | 0.74 | 1.72 | 7.98 | 2306 | 1787 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:51 | 73.3687500 | Deploying | 2 | 3060 | 1.72 | 0.74 | 1.74 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:51 | 73.3690972 | Deploying | 2 | 3090 | 1.72 | 0.74 | 1.76 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:52 | 73.3694444 | Deploying | 2 | 3120 | 1.72 | 0.74 | 1.78 | 7.97 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:52 | 73.3696181 | Winding down 1725 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:52 | 73.3697917 | Deploying | 2 | 3150 | 1.76 | 0.81 | 1.79 | 8.02 | 2312 | 1764 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:53 | 73.3701389 | Deploying | 2 | 3180 | 1.79 | 0.81 | 1.81 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:53 | 73.3704861 | Deploying | 2 | 3210 | 1.8 | 0.81 | 1.83 | 7.98 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:54 | 73.3708333 | Deploying | 2 | 3240 | 1.79 | 0.81 | 1.84 | 7.97 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:54 | 73.3710648 | Winding down 1395 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:54 | 73.3711806 | Deploying | 2 | 3270 | 1.82 | 0.86 | 1.86 | 7.98 | 2305 | 1762 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:55 | 73.3715278 | Deploying | 2 | 3300 | 1.85 | 0.86 | 1.88 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:55 | 73.3718750 | Deploying | 2 | 3330 | 1.85 | 0.86 | 1.89 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:56 | 73.3722222 | Deploying | 2 | 3360 | 1.85 | 0.86 | 1.91 | 8 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:56 | 73.3722222 | Winding down 1637 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:56 | 73.3725694 | Deploying | 2 | 3390 | 1.92 | 0.92 | 1.93 | 8 | 2291 | 1808 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:57 | 73.3729167 | Deploying | 2 | 3420 | 1.91 | 0.92 | 1.95 | 8 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:57 | 73.3732639 | Deploying | 2 | 3450 | 1.92 | 0.92 | 1.96 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:57 | 73.3735880 | Winding down 1484 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:58 | 73.3736111 | Deploying | 2 | 3480 | 1.92 | 0.98 | 1.98 | 7.84 | 2325 | 1767 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:58 | 73.3739583 | Deploying | 2 | 3510 | 1.98 | 0.98 | 2 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:59 | 73.3743056 | Deploying | 2 | 3540 | 1.99 | 0.98 | 2.01 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:59 | 73.3746528 | Deploying | 2 | 3570 | 1.98 | 0.98 | 2.03 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:59 | 73.3749190 | Winding down 1563 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:00 | 73.3750000 | Deploying | 2 | 3600 | 2 | 1.04 | 2.05 | 7.98 | 2352 | 1796 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:00 | 73.3753472 | Deploying | 2 | 3630 | 2.04 | 1.04 | 2.06 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:01 | 73.3756944 | Deploying | 2 | 3660 | 2.05 | 1.04 | 2.08 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:01 | 73.3760417 | Deploying | 2 | 3690 | 2.05 | 1.04 | 2.1 | 8.02 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 9:01 | 73.3762269 | Winding down 1714 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:02 | 73.3763889 | Deploying | 2 | 3720 | 2.07 | 1.1 | 2.12 | 7.98 | 2303 | 1769 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:02 | 73.3767361 | Deploying | 2 | 3750 | 2.12 | 1.1 | 2.13 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:03 | 73.3770833 | Deploying | 2 | 3780 | 2.11 | 1.1 | 2.15 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:03 | 73.3774306 | Deploying | 2 | 3810 | 2.12 | 1.1 | 2.17 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:03 | 73.3774769 | Winding down 1269 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:04 | 73.3777778 | Deploying | 2 | 3840 | 2.16 | 1.15 | 2.18 | 7.98 | 2327 | 1762 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:04 | 73.3781250 | Deploying | 2 | 3870 | 2.16 | 1.15 | 2.2 | 8 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:05 | 73.3784722 | Deploying | 2 | 3900 | 2.16 | 1.15 | 2.22 | 7.98 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:05 | 73.3786574 | Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:05 | 73.3788194 | Deploying | 2 | 3930 | 2.2 | 1.21 | 2.23 | 7.98 | 2306 | 1767 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:06 | 73.3791667 | Deploying | 2 | 3960 | 2.23 | 1.21 | 2.25 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:06 | 73.3795139 | Deploying | 2 | 3990 | 2.23 | 1.21 | 2.27 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:07 | 73.3798611 | Deploying | 2 | 4020 | 2.23 | 1.21 | 2.29 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:07 | 73.3798843 | Winding down 1340 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:07 | 73.3802083 | Deploying | 2 | 4050 | 2.28 | 1.26 | 2.3 | 7.98 | 2315 | 1786 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:08 | 73.3805556 | Deploying | 2 | 4080 | 2.29 | 1.26 | 2.32 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:08 | 73.3809028 | Deploying | 2 | 4110 | 2.29 | 1.26 | 2.34 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 9:09 | 73.3812500 | Deploying | 2 | 4140 | 2.29 | 1.26 | 2.35 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:09 | 73.3813194 | Winding down 1772 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:09 | 73.3815972 | Deploying | 2 | 4170 | 2.34 | 1.32 | 2.37 | 7.95 | 2324 | 1800 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:10 | 73.3819444 | Deploying | 2 | 4200 | 2.35 | 1.32 | 2.39 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:10 | 73.3822917 | Deploying | 2 | 4230 | 2.35 | 1.32 | 2.4 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:10 | 73.3824190 | Winding down 1493 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:11 | 73.3826389 | Deploying | 2 | 4260 | 2.4 | 1.38 | 2.42 | 7.97 | 2323 | 1781 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:11 | 73.3829861 | Deploying | 2 | 4290 | 2.41 | 1.38 | 2.44 | 7.98 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 9:12 | 73.3833333 | Deploying | 2 | 4320 | 2.42 | 1.38 | 2.46 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:12 | 73.3836806 | Deploying | 2 | 4350 | 2.42 | 1.38 | 2.47 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:12 | 73.3839120 | Winding down 1620 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:13 | 73.3840278 | Deploying | 2 | 4380 | 2.44 | 1.44 | 2.49 | 7.97 | 2299 | 1761 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:13 | 73.3843750 | Deploying | 2 | 4410 | 2.49 | 1.44 | 2.51 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:14 | 73.3847222 | Deploying | 2 | 4440 | 2.49 | 1.44 | 2.52 | 7.97 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:14 | 73.3850694 | Deploying | 2 | 4470 | 2.49 | 1.44 | 2.54 | 7.98 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:14 | 73.3852315 | Winding down 1585 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:15 | 73.3854167 | Deploying | 2 | 4500 | 2.52 | 1.5 | 2.56 | 8 | 2349 | 1758 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:15 | 73.3857639 | Deploying | 2 | 4530 | 2.56 | 1.5 | 2.57 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:16 | 73.3861111 | Deploying | 2 | 4560 | 2.55 | 1.5 | 2.59 | 7.98 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:16 | 73.3864583 | Deploying | 2 | 4590 | 2.56 | 1.5 | 2.61 | 8 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:16 | 73.3865972 | Winding down 1532 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:17 | 73.3868056 | Deploying | 2 | 4620 | 2.59 | 1.56 | 2.63 | 7.98 | 2327 | 1791 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:17 | 73.3871528 | Deploying | 2 | 4650 | 2.61 | 1.56 | 2.64 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:18 | 73.3875000 | Deploying | 2 | 4680 | 2.62 | 1.56 | 2.66 | 8 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:18 | 73.3878472 | Deploying | 2 | 4710 | 2.62 | 1.56 | 2.68 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:18 | 73.3879514 | Winding down 1565 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:19 | 73.3881944 | Deploying | 2 | 4740 | 2.66 | 1.62 | 2.69 | 7.98 | 2344 | 1779 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:19 | 73.3885417 | Deploying | 2 | 4770 | 2.67 | 1.62 | 2.71 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:20 | 73.3888889 | Deploying | 2 | 4800 | 2.67 | 1.62 | 2.73 | 8 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:20 | 73.3890625 | Winding down 1525 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:20 | 73.3892361 | Deploying | 2 | 4830 | 2.71 | 1.68 | 2.74 | 7.97 | 2300 | 1802 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:21 | 73.3895833 | Deploying | 2 | 4860 | 2.75 | 1.68 | 2.76 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:21 | 73.3899306 | Deploying | 2 | 4890 | 2.74 | 1.68 | 2.78 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:22 | 73.3902778 | Deploying | 2 | 4920 | 2.75 | 1.68 | 2.8 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:22 | 73.3904051 | Winding down 1443 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:22 | 73.3906250 | Deploying | 2 | 4950 | 2.78 | 1.73 | 2.81 | 7.95 | 2287 | 1770 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:23 | 73.3909722 | Deploying | 2 | 4980 | 2.8 | 1.73 | 2.83 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:23 | 73.3913194 | Deploying | 2 | 5010 | 2.8 | 1.73 | 2.85 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:24 | 73.3916667 | Deploying | 2 | 5040 | 2.8 | 1.73 | 2.86 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:24 | 73.3916898 | Winding down 1590 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:24 | 73.3920139 | Deploying | 2 | 5070 | 2.87 | 1.79 | 2.88 | 7.94 | 2339 | 1765 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:25 | 73.3923611 | Deploying | 2 | 5100 | 2.87 | 1.79 | 2.9 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:25 | 73.3927083 | Deploying | 2 | 5130 | 2.87 | 1.79 | 2.91 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:26 | 73.3930556 | Deploying | 2 | 5160 | 2.87 | 1.79 | 2.93 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:26 | 73.3931366 | Winding down 1686 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:26 | 73.3934028 | Deploying | 2 | 5190 | 2.92 | 1.86 | 2.95 | 7.97 | 2305 | 1771 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:27 | 73.3937500 | Deploying | 2 | 5220 | 2.94 | 1.86 | 2.97 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:27 | 73.3940972 | Deploying | 2 | 5250 | 2.94 | 1.86 | 2.98 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:27 | 73.3943750 | Winding down 1727 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:28 | 73.3944444 | Deploying | 2 | 5280 | 2.95 | 1.92 | 3 | 7.98 | 2347 | 1776 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:28 | 73.3947917 | Deploying | 2 | 5310 | 3.01 | 1.92 | 3.02 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:29 | 73.3951389 | Deploying | 2 | 5340 | 3.01 | 1.92 | 3.03 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:29 | 73.3954861 | Deploying | 2 | 5370 | 3 | 1.92 | 3.05 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:29 | 73.3956829 | Winding down 1503 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:30 | 73.3958333 | Deploying | 2 | 5400 | 3.03 | 1.98 | 3.07 | 7.95 | 2354 | 1764 | 0 | -8 | -7 | -7 | -7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:30 | 73.3961806 Deploying | 2 | 5430 | 3.07 | 1.98 | 3.08 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:31 | 73.3965278 Deploying | 2 | 5460 | 3.07 | 1.98 | 3.1 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:31 | 73.3968750 Deploying | 2 | 5490 | 3.07 | 1.98 | 3.12 | 7.98 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:31 | 73.3971875 Winding down 1795 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:32 | 73.3972222 Deploying | 2 | 5520 | 3.07 | 2.05 | 3.14 | 7.94 | 2303 | 1775 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:32 | 73.3975694 Deploying | 2 | 5550 | 3.14 | 2.05 | 3.15 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:33 | 73.3979167 Deploying | 2 | 5580 | 3.15 | 2.05 | 3.17 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:33 | 73.3982639 Deploying | 2 | 5610 | 3.15 | 2.05 | 3.19 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:34 | 73.3986111 Deploying | 2 | 5640 | 3.15 | 2.05 | 3.2 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:34 | 73.3987269 Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:34 | 73.3989583 Deploying | 2 | 5670 | 3.19 | 2.11 | 3.22 | 7.95 | 2299 | 1773 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:35 | 73.3993056 Deploying | 2 | 5700 | 3.22 | 2.11 | 3.24 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:35 | 73.3996528 Deploying | 2 | 5730 | 3.21 | 2.11 | 3.25 | 7.98 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:36 | 73.4000000 Deploying | 2 | 5760 | 3.22 | 2.11 | 3.27 | 8 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:36 | 73.4001852 Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:36 | 73.4003472 Deploying | 2 | 5790 | 3.25 | 2.17 | 3.29 | 7.95 | 2340 | 1790 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:37 | 73.4006944 Deploying | 2 | 5820 | 3.28 | 2.17 | 3.31 | 7.97 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:37 | 73.4010417 Deploying | 2 | 5850 | 3.28 | 2.17 | 3.32 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:38 | 73.4013889 Deploying | 2 | 5880 | 3.28 | 2.17 | 3.34 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:38 | 73.4014005 Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:38 | 73.4017361 Deploying | 2 | 5910 | 3.34 | 2.23 | 3.36 | 7.97 | 2353 | 1780 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:39 | 73.4020833 Deploying | 2 | 5940 | 3.35 | 2.23 | 3.37 | 7.95 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:39 | 73.4024306 Deploying | 2 | 5970 | 3.35 | 2.23 | 3.39 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:40 | 73.4027778 Deploying | 2 | 6000 | 3.35 | 2.23 | 3.41 | 8 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:40 | 73.4029051 Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:40 | 73.4031250 Deploying | 2 | 6030 | 3.39 | 2.28 | 3.42 | 7.97 | 2306 | 1754 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:41 | 73.4034722 Deploying | 2 | 6060 | 3.41 | 2.28 | 3.44 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:41 | 73.4038194 Deploying | 2 | 6090 | 3.41 | 2.28 | 3.46 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:41 | 73.4040972 Winding down 1752 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:42 | 73.4041667 Deploying | 2 | 6120 | 3.42 | 2.35 | 3.48 | 7.95 | 2297 | 1771 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:42 | 73.4045139 Deploying | 2 | 6150 | 3.49 | 2.35 | 3.49 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:43 | 73.4048611 Deploying | 2 | 6180 | 3.48 | 2.35 | 3.51 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:43 | 73.4052083 Deploying | 2 | 6210 | 3.49 | 2.35 | 3.53 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:44 | 73.4055556 Deploying | 2 | 6240 | 3.49 | 2.35 | 3.54 | 7.98 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:44 | 73.4056829 Winding down 1568 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:44 | 73.4059028 Deploying | 2 | 6270 | 3.53 | 2.41 | 3.56 | 7.95 | 2315 | 1798 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:45 | 73.4062500 Deploying | 2 | 6300 | 3.55 | 2.41 | 3.58 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:45 | 73.4065972 Deploying | 2 | 6330 | 3.55 | 2.41 | 3.59 | 8 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:46 | 73.4069444 Deploying | 2 | 6360 | 3.55 | 2.41 | 3.61 | 7.97 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:46 | 73.4070370 Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| [chmR)11 | #VALUE! | 5 | | | | | | | | | | | | |
| 3/13/2016 9:46 | 73.4072917 Deploying | 2 | 6390 | 3.6 | 2.48 | 3.63 | 7.97 | 2296 | 1773 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:47 | 73.4076389 Deploying | 2 | 6420 | 3.62 | 2.48 | 3.65 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:47 | 73.4079861 Deploying | 2 | 6450 | 3.62 | 2.48 | 3.66 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:48 | 73.4083333 Deploying | 2 | 6480 | 3.62 | 2.48 | 3.68 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:48 | 73.4084259 Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:48 | 73.4086806 Deploying | 2 | 6510 | 3.67 | 2.54 | 3.7 | 7.94 | 2260 | 1781 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:49 | 73.4090278 Deploying | 2 | 6540 | 3.69 | 2.54 | 3.71 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:49 | 73.4093750 Deploying | 2 | 6570 | 3.69 | 2.54 | 3.73 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:50 | 73.4097222 Deploying | 2 | 6600 | 3.69 | 2.54 | 3.75 | 7.97 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:50 | 73.4097569 Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:50 | 73.4100694 Deploying | 2 | 6630 | 3.75 | 2.6 | 3.76 | 7.95 | 2349 | 1795 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:51 | 73.4104167 Deploying | 2 | 6660 | 3.76 | 2.6 | 3.78 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:51 | 73.4107639 Deploying | 2 | 6690 | 3.75 | 2.6 | 3.8 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |

| Date/Time | Value / Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:52 | 73.4111111 Deploying | 2 | 6720 | 3.75 | 2.6 | 3.82 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:52 | 73.4111111 Winding down 1637 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:52 | 73.4114583 Deploying | 2 | 6750 | 3.82 | 2.66 | 3.83 | 7.95 | 2303 | 1774 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:53 | 73.4118056 Deploying | 2 | 6780 | 3.82 | 2.66 | 3.85 | 7.95 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:53 | 73.4121528 Deploying | 2 | 6810 | 3.83 | 2.66 | 3.87 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:54 | 73.4125000 Deploying | 2 | 6840 | 3.83 | 2.66 | 3.88 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:54 | 73.4125694 Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:54 | 73.4128472 Deploying | 2 | 6870 | 3.87 | 2.72 | 3.9 | 7.95 | 2341 | 1794 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:55 | 73.4131944 Deploying | 2 | 6900 | 3.88 | 2.72 | 3.92 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:55 | 73.4135417 Deploying | 2 | 6930 | 3.88 | 2.72 | 3.93 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:55 | 73.4136343 Winding down 1350 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4138889 Deploying | 2 | 6960 | 3.93 | 2.77 | 3.95 | 7.97 | 2315 | 1780 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:56 | 73.4142361 Deploying | 2 | 6990 | 3.94 | 2.77 | 3.97 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:57 | 73.4145833 Deploying | 2 | 7020 | 3.94 | 2.77 | 3.99 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:57 | 73.4149306 Deploying | 2 | 7050 | 3.94 | 2.77 | 4 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:57 | 73.4150000 Winding down 1697 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:58 | 73.4152778 Deploying | 2 | 7080 | 4 | 2.84 | 4.02 | 7.95 | 2294 | 1751 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:58 | 73.4156250 Deploying | 2 | 7110 | 4.01 | 2.84 | 4.04 | 7.97 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:59 | 73.4159722 Deploying | 2 | 7140 | 4.01 | 2.84 | 4.05 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:59 | 73.4162500 Winding down 1502 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:59 | 73.4163194 Deploying | 2 | 7170 | 4.02 | 2.89 | 4.07 | 7.95 | 2336 | 1755 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:00 | 73.4166667 Deploying | 2 | 7200 | 4.07 | 2.89 | 4.09 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:00 | 73.4170139 Deploying | 2 | 7230 | 4.07 | 2.89 | 4.1 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:01 | 73.4173611 Deploying | 2 | 7260 | 4.08 | 2.89 | 4.12 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:01 | 73.4177083 Deploying | 2 | 7290 | 4.07 | 2.89 | 4.14 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:01 | 73.4178356 Winding down 1868 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:02 | 73.4180556 Deploying | 2 | 7320 | 4.13 | 2.96 | 4.16 | 7.97 | 2348 | 1755 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:02 | 73.4184028 Deploying | 2 | 7350 | 4.15 | 2.96 | 4.17 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:03 | 73.4187500 Deploying | 2 | 7380 | 4.16 | 2.96 | 4.19 | 7.92 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:03 | 73.4190972 Deploying | 2 | 7410 | 4.15 | 2.96 | 4.21 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:03 | 73.4192593 Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:04 | 73.4194444 Deploying | 2 | 7440 | 4.19 | 3.02 | 4.22 | 7.94 | 2327 | 1776 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:04 | 73.4197917 Deploying | 2 | 7470 | 4.21 | 3.02 | 4.24 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:05 | 73.4201389 Deploying | 2 | 7500 | 4.21 | 3.02 | 4.26 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:05 | 73.4204745 Winding down 1448 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:05 | 73.4204861 Deploying | 2 | 7530 | 4.22 | 3.08 | 4.27 | 7.95 | 2304 | 1768 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:06 | 73.4208333 Deploying | 2 | 7560 | 4.27 | 3.08 | 4.29 | 7.95 | 2304 | 238 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:06 | 73.4211806 Deploying | 2 | 7590 | 4.28 | 3.08 | 4.31 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:07 | 73.4215278 Deploying | 2 | 7620 | 4.28 | 3.08 | 4.33 | 7.94 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:07 | 73.4218403 Winding down 1470 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:07 | 73.4218750 Deploying | 2 | 7650 | 4.29 | 3.13 | 4.34 | 7.95 | 2301 | 1748 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:08 | 73.4222222 Deploying | 2 | 7680 | 4.35 | 3.13 | 4.36 | 7.94 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:08 | 73.4225694 Deploying | 2 | 7710 | 4.34 | 3.13 | 4.38 | 7.92 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:09 | 73.4229167 Deploying | 2 | 7740 | 4.33 | 3.13 | 4.39 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:09 | 73.4229630 Winding down 1544 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:09 | 73.4232639 Deploying | 2 | 7770 | 4.4 | 3.19 | 4.41 | 7.92 | 2356 | 1799 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:10 | 73.4236111 Deploying | 2 | 7800 | 4.41 | 3.19 | 4.43 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:10 | 73.4239583 Deploying | 2 | 7830 | 4.41 | 3.19 | 4.44 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:11 | 73.4243056 Deploying | 2 | 7860 | 4.41 | 3.19 | 4.46 | 7.92 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:11 | 73.4245255 Winding down 1681 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:11 | 73.4246528 Deploying | 2 | 7890 | 4.43 | 3.26 | 4.48 | 7.94 | 2352 | 1782 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:12 | 73.4250000 Deploying | 2 | 7920 | 4.49 | 3.26 | 4.5 | 7.9 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:12 | 73.4253472 Deploying | 2 | 7950 | 4.48 | 3.26 | 4.51 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:13 | 73.4256944 Deploying | 2 | 7980 | 4.48 | 3.26 | 4.53 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |

| Date/Time | Value | Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:13 | 73.4258333 | Winding down 1482 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:13 | 73.4260417 | Deploying | 2 | 8010 | 4.52 | 3.31 | 4.55 | 7.94 | 2339 | 1771 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:14 | 73.4263889 | Deploying | 2 | 8040 | 4.54 | 3.31 | 4.56 | 7.97 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:14 | 73.4267361 | Deploying | 2 | 8070 | 4.54 | 3.31 | 4.58 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:15 | 73.4270833 | Deploying | 2 | 8100 | 4.54 | 3.31 | 4.6 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:15 | 73.4272685 | Winding down 1764 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:15 | 73.4274306 | Deploying | 2 | 8130 | 4.57 | 3.38 | 4.61 | 7.94 | 2303 | 1733 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:16 | 73.4277778 | Deploying | 2 | 8160 | 4.62 | 3.38 | 4.63 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:16 | 73.4281250 | Deploying | 2 | 8190 | 4.61 | 3.38 | 4.65 | 7.94 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:17 | 73.4284722 | Deploying | 2 | 8220 | 4.62 | 3.38 | 4.67 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:17 | 73.4287847 | Winding down 1470 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4288194 | Deploying | 2 | 8250 | 4.63 | 3.43 | 4.68 | 7.94 | 2345 | 1764 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:18 | 73.4291667 | Deploying | 2 | 8280 | 4.67 | 3.43 | 4.7 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:18 | 73.4295139 | Deploying | 2 | 8310 | 4.68 | 3.43 | 4.72 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:19 | 73.4298611 | Deploying | 2 | 8340 | 4.67 | 3.43 | 4.73 | 7.9 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:19 | 73.4299190 | Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:19 | 73.4302083 | Deploying | 2 | 8370 | 4.74 | 3.5 | 4.75 | 7.95 | 2350 | 1789 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:20 | 73.4305556 | Deploying | 2 | 8400 | 4.75 | 3.5 | 4.77 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:20 | 73.4309028 | Deploying | 2 | 8430 | 4.75 | 3.5 | 4.78 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:21 | 73.4312500 | Deploying | 2 | 8460 | 4.75 | 3.5 | 4.8 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:21 | 73.4314815 | Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:21 | 73.4315972 | Deploying | 2 | 8490 | 4.77 | 3.56 | 4.82 | 7.95 | 2349 | 1786 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:22 | 73.4319444 | Deploying | 2 | 8520 | 4.81 | 3.56 | 4.84 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:22 | 73.4322917 | Deploying | 2 | 8550 | 4.81 | 3.56 | 4.85 | 7.92 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:23 | 73.4326389 | Deploying | 2 | 8580 | 4.81 | 3.56 | 4.87 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:23 | 73.4326736 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:23 | 73.4329861 | Deploying | 2 | 8610 | 4.87 | 3.62 | 4.89 | 7.94 | 2298 | 1751 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:24 | 73.4333333 | Deploying | 2 | 8640 | 4.88 | 3.62 | 4.9 | 7.95 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:24 | 73.4336806 | Deploying | 2 | 8670 | 4.88 | 3.62 | 4.92 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:25 | 73.4340278 | Deploying | 2 | 8700 | 4.88 | 3.62 | 4.94 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:25 | 73.4341204 | Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:25 | 73.4343750 | Deploying | 2 | 8730 | 4.93 | 3.68 | 4.95 | 7.92 | 2305 | 1758 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:26 | 73.4347222 | Deploying | 2 | 8760 | 4.94 | 3.68 | 4.97 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:26 | 73.4350694 | Deploying | 2 | 8790 | 4.95 | 3.68 | 4.99 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:27 | 73.4354167 | Deploying | 2 | 8820 | 4.94 | 3.68 | 5.01 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:27 | 73.4354514 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:27 | 73.4357639 | Deploying | 2 | 8850 | 5.01 | 3.74 | 5.02 | 7.97 | 2297 | 1767 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:28 | 73.4361111 | Deploying | 2 | 8880 | 5.02 | 3.74 | 5.04 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:28 | 73.4364583 | Deploying | 2 | 8910 | 5.01 | 3.74 | 5.06 | 7.92 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:28 | 73.4367940 | Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:29 | 73.4368056 | Deploying | 2 | 8940 | 5.01 | 3.8 | 5.07 | 7.94 | 2290 | 1771 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:29 | 73.4371528 | Deploying | 2 | 8970 | 5.08 | 3.8 | 5.09 | 7.92 | 2290 | 259 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:30 | 73.4375000 | Deploying | 2 | 9000 | 5.08 | 3.8 | 5.11 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:30 | 73.4378472 | Deploying | 2 | 9030 | 5.08 | 3.8 | 5.12 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:31 | 73.4381944 | Deploying | 2 | 9060 | 5.09 | 3.8 | 5.14 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:31 | 73.4382639 | Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:31 | 73.4385417 | Deploying | 2 | 9090 | 5.13 | 3.86 | 5.16 | 7.92 | 2357 | 1805 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:32 | 73.4388889 | Deploying | 2 | 9120 | 5.13 | 3.86 | 5.18 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:32 | 73.4392361 | Deploying | 2 | 9150 | 5.14 | 3.86 | 5.19 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:32 | 73.4392361 | Winding down 1337 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:33 | 73.4395833 | Deploying | 2 | 9180 | 5.2 | 3.91 | 5.21 | 7.9 | 2329 | 1793 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:33 | 73.4399306 | Deploying | 2 | 9210 | 5.19 | 3.91 | 5.23 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:34 | 73.4402778 | Deploying | 2 | 9240 | 5.19 | 3.91 | 5.24 | 7.9 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:34 | 73.4405556 | Winding down 1502 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:34 | 73.4406250 | Deploying | 2 | 9270 | 5.22 | 3.97 | 5.26 | 7.89 | 2306 | 1764 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:35 | 73.4409722 | Deploying | 2 | 9300 | 5.26 | 3.97 | 5.28 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:35 | 73.4413194 | Deploying | 2 | 9330 | 5.26 | 3.97 | 5.29 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:36 | 73.4416667 | Deploying | 2 | 9360 | 5.26 | 3.97 | 5.31 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:36 | 73.4417940 | Winding down 1443 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:36 | 73.4420139 | Deploying | 2 | 9390 | 5.29 | 4.02 | 5.33 | 7.92 | 2300 | 1762 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:37 | 73.4423611 | Deploying | 2 | 9420 | 5.32 | 4.02 | 5.35 | 7.94 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:37 | 73.4427083 | Deploying | 2 | 9450 | 5.32 | 4.02 | 5.36 | 7.95 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:38 | 73.4430556 | Deploying | 2 | 9480 | 5.32 | 4.02 | 5.38 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:38 | 73.4431250 | Winding down 1597 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:38 | 73.4434028 | Deploying | 2 | 9510 | 5.37 | 4.08 | 5.4 | 7.92 | 2354 | 1798 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:39 | 73.4437500 | Deploying | 2 | 9540 | 5.39 | 4.08 | 5.41 | 7.9 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:39 | 73.4440972 | Deploying | 2 | 9570 | 5.39 | 4.08 | 5.43 | 7.94 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:40 | 73.4444444 | Deploying | 2 | 9600 | 5.39 | 4.08 | 5.45 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:40 | 73.4445255 | Winding down 1611 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:40 | 73.4447917 | Deploying | 2 | 9630 | 5.43 | 4.14 | 5.46 | 7.92 | 2348 | 1798 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:41 | 73.4451389 | Deploying | 2 | 9660 | 5.45 | 4.14 | 5.48 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:41 | 73.4454861 | Deploying | 2 | 9690 | 5.45 | 4.14 | 5.5 | 7.9 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:41 | 73.4456829 | Winding down 1528 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:42 | 73.4458333 | Deploying | 2 | 9720 | 5.48 | 4.2 | 5.52 | 7.94 | 2306 | 1773 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:42 | 73.4461806 | Deploying | 2 | 9750 | 5.51 | 4.2 | 5.53 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:43 | 73.4465278 | Deploying | 2 | 9780 | 5.51 | 4.2 | 5.55 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:43 | 73.4468750 | Deploying | 2 | 9810 | 5.52 | 4.2 | 5.57 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:43 | 73.4471412 | Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:44 | 73.4472222 | Deploying | 2 | 9840 | 5.53 | 4.26 | 5.58 | 7.92 | 2300 | 1786 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:44 | 73.4475694 | Deploying | 2 | 9870 | 5.6 | 4.26 | 5.6 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:45 | 73.4479167 | Deploying | 2 | 9900 | 5.61 | 4.26 | 5.62 | 7.92 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:45 | 73.4482639 | Deploying | 2 | 9930 | 5.59 | 4.26 | 5.63 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:45 | 73.4485532 | Winding down 1616 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:46 | 73.4486111 | Deploying | 2 | 9960 | 5.6 | 4.33 | 5.65 | 7.92 | 2332 | 1767 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:46 | 73.4489583 | Deploying | 2 | 9990 | 5.64 | 4.33 | 5.67 | 7.9 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:47 | 73.4493056 | Deploying | 2 | 10020 | 5.64 | 4.33 | 5.69 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:47 | 73.4496528 | Deploying | 2 | 10050 | 5.65 | 4.33 | 5.7 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:47 | 73.4496759 | Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:48 | 73.4500000 | Deploying | 2 | 10080 | 5.71 | 4.38 | 5.72 | 7.92 | 2303 | 1796 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:48 | 73.4503472 | Deploying | 2 | 10110 | 5.71 | 4.38 | 5.74 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:49 | 73.4506944 | Deploying | 2 | 10140 | 5.71 | 4.38 | 5.75 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:49 | 73.4510417 | Deploying | 2 | 10170 | 5.71 | 4.38 | 5.77 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:49 | 73.4510764 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:50 | 73.4513889 | Deploying | 2 | 10200 | 5.77 | 4.45 | 5.79 | 7.92 | 2301 | 1771 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:50 | 73.4517361 | Deploying | 2 | 10230 | 5.78 | 4.45 | 5.8 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:51 | 73.4520833 | Deploying | 2 | 10260 | 5.77 | 4.45 | 5.82 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:51 | 73.4523264 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:51 | 73.4524306 | Deploying | 2 | 10290 | 5.8 | 4.5 | 5.84 | 7.92 | 2352 | 1782 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:52 | 73.4527778 | Deploying | 2 | 10320 | 5.84 | 4.5 | 5.86 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:52 | 73.4531250 | Deploying | 2 | 10350 | 5.85 | 4.5 | 5.87 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:53 | 73.4534722 | Deploying | 2 | 10380 | 5.83 | 4.5 | 5.89 | 7.94 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:53 | 73.4537153 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:53 | 73.4538194 | Deploying | 2 | 10410 | 5.86 | 4.56 | 5.91 | 7.9 | 2288 | 1748 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:54 | 73.4541667 | Deploying | 2 | 10440 | 5.91 | 4.56 | 5.92 | 7.89 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:54 | 73.4545139 | Deploying | 2 | 10470 | 5.91 | 4.56 | 5.94 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:55 | 73.4548611 | Deploying | 2 | 10500 | 5.9 | 4.56 | 5.96 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 10:55 | 73.4550926 | Winding down 1845 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:55 | 73.4552083 | Deploying | 2 | 10530 | 5.93 | 4.63 | 5.97 | 7.94 | 2300 | 1791 | 0 | -7 | -8 | -7 | -8 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:56 | 73.4555556 Deploying | 2 | 10560 | 5.99 | 4.63 | 5.99 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:56 | 73.4559028 Deploying | 2 | 10590 | 5.99 | 4.63 | 6.01 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:57 | 73.4562500 Deploying | 2 | 10620 | 6 | 4.63 | 6.03 | 7.9 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:57 | 73.4565972 Deploying | 2 | 10650 | 6 | 4.63 | 6.04 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:57 | 73.4569213 Winding down 1759 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:58 | 73.4569444 Deploying | 2 | 10680 | 5.99 | 4.7 | 6.06 | 7.84 | 2349 | 1764 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:58 | 73.4572917 Deploying | 2 | 10710 | 6.06 | 4.7 | 6.08 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:59 | 73.4576389 Deploying | 2 | 10740 | 6.06 | 4.7 | 6.09 | 7.89 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:59 | 73.4579861 Deploying | 2 | 10770 | 6.06 | 4.7 | 6.11 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:59 | 73.4582523 Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:00 | 73.4583333 Deploying | 2 | 10800 | 6.07 | 4.77 | 6.13 | 7.92 | 2322 | 1762 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:00 | 73.4586806 Deploying | 2 | 10830 | 6.13 | 4.77 | 6.14 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:01 | 73.4590278 Deploying | 2 | 10860 | 6.13 | 4.77 | 6.16 | 7.95 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:01 | 73.4593750 Deploying | 2 | 10890 | 6.13 | 4.77 | 6.18 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:01 | 73.4596181 Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:02 | 73.4597222 Deploying | 2 | 10920 | 6.14 | 4.83 | 6.2 | 7.92 | 2284 | 1756 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:02 | 73.4600694 Deploying | 2 | 10950 | 6.19 | 4.83 | 6.21 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:03 | 73.4604167 Deploying | 2 | 10980 | 6.19 | 4.83 | 6.23 | 7.89 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:03 | 73.4607639 Deploying | 2 | 11010 | 6.2 | 4.83 | 6.25 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:03 | 73.4609259 Winding down 1485 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:04 | 73.4611111 Deploying | 2 | 11040 | 6.22 | 4.88 | 6.26 | 7.92 | 2299 | 1785 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:04 | 73.4614583 Deploying | 2 | 11070 | 6.25 | 4.88 | 6.28 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:05 | 73.4618056 Deploying | 2 | 11100 | 6.26 | 4.88 | 6.3 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:05 | 73.4621528 Deploying | 2 | 11130 | 6.25 | 4.88 | 6.31 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:05 | 73.4621875 Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:06 | 73.4625000 Deploying | 2 | 11160 | 6.32 | 4.95 | 6.33 | 7.92 | 2316 | 1766 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:06 | 73.4628472 Deploying | 2 | 11190 | 6.32 | 4.95 | 6.35 | 7.94 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:07 | 73.4631944 Deploying | 2 | 11220 | 6.32 | 4.95 | 6.37 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:07 | 73.4634606 Winding down 1438 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:07 | 73.4635417 Deploying | 2 | 11250 | 6.34 | 5 | 6.38 | 7.9 | 2304 | 1788 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:08 | 73.4638889 Deploying | 2 | 11280 | 6.38 | 5 | 6.4 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:08 | 73.4642361 Deploying | 2 | 11310 | 6.38 | 5 | 6.42 | 7.94 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:09 | 73.4645833 Deploying | 2 | 11340 | 6.38 | 5 | 6.43 | 7.95 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:09 | 73.4648495 Winding down 1688 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:09 | 73.4649306 Deploying | 2 | 11370 | 6.39 | 5.07 | 6.45 | 7.92 | 2296 | 1744 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:10 | 73.4652778 Deploying | 2 | 11400 | 6.45 | 5.07 | 6.47 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:10 | 73.4656250 Deploying | 2 | 11430 | 6.45 | 5.07 | 6.48 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:11 | 73.4659722 Deploying | 2 | 11460 | 6.44 | 5.07 | 6.5 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:11 | 73.4660880 Winding down 1604 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:11 | 73.4663194 Deploying | 2 | 11490 | 6.49 | 5.13 | 6.52 | 7.92 | 2293 | 1761 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:12 | 73.4666667 Deploying | 2 | 11520 | 6.51 | 5.13 | 6.54 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:12 | 73.4670139 Deploying | 2 | 11550 | 6.51 | 5.13 | 6.55 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:13 | 73.4673611 Deploying | 2 | 11580 | 6.52 | 5.13 | 6.57 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:13 | 73.4675000 Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:13 | 73.4677083 Deploying | 2 | 11610 | 6.56 | 5.19 | 6.59 | 7.9 | 2321 | 1766 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:14 | 73.4680556 Deploying | 2 | 11640 | 6.58 | 5.19 | 6.6 | 7.95 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:14 | 73.4684028 Deploying | 2 | 11670 | 6.57 | 5.19 | 6.62 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:14 | 73.4686806 Winding down 1652 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:15 | 73.4687500 Deploying | 2 | 11700 | 6.59 | 5.25 | 6.64 | 7.89 | 2308 | 1798 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:15 | 73.4690972 Deploying | 2 | 11730 | 6.65 | 5.25 | 6.65 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:16 | 73.4694444 Deploying | 2 | 11760 | 6.64 | 5.25 | 6.67 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:16 | 73.4697917 Deploying | 2 | 11790 | 6.64 | 5.25 | 6.69 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:17 | 73.4701389 Deploying | 2 | 11820 | 6.65 | 5.25 | 6.71 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:17 | 73.4701736 Winding down 1530 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 11:17 | 73.4704861 | Deploying | 2 | 11850 | 6.69 | 5.31 | 6.72 | 7.92 | 2345 | 1785 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:18 | 73.4708333 | Deploying | 2 | 11880 | 6.7 | 5.31 | 6.74 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:18 | 73.4711806 | Deploying | 2 | 11910 | 6.7 | 5.31 | 6.76 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:18 | 73.4713773 | Winding down 1703 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:19 | 73.4715278 | Deploying | 2 | 11940 | 6.74 | 5.37 | 6.77 | 7.9 | 2287 | 1760 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:19 | 73.4718750 | Deploying | 2 | 11970 | 6.77 | 5.37 | 6.79 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:20 | 73.4722222 | Deploying | 2 | 12000 | 6.78 | 5.37 | 6.81 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:20 | 73.4725694 | Deploying | 2 | 12030 | 6.77 | 5.37 | 6.82 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:20 | 73.4727894 | Winding down 1581 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:21 | 73.4729167 | Deploying | 2 | 12060 | 6.8 | 5.43 | 6.84 | 7.9 | 2307 | 1798 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:21 | 73.4732639 | Deploying | 2 | 12090 | 6.85 | 5.43 | 6.86 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:22 | 73.4736111 | Deploying | 2 | 12120 | 6.84 | 5.43 | 6.88 | 7.92 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:22 | 73.4739583 | Deploying | 2 | 12150 | 6.84 | 5.43 | 6.89 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:22 | 73.4741319 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:23 | 73.4743056 | Deploying | 2 | 12180 | 6.87 | 5.49 | 6.91 | 7.94 | 2350 | 1763 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:23 | 73.4746528 | Deploying | 2 | 12210 | 6.91 | 5.49 | 6.93 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:24 | 73.4750000 | Deploying | 2 | 12240 | 6.9 | 5.49 | 6.94 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:24 | 73.4753472 | Deploying | 2 | 12270 | 6.9 | 5.49 | 6.96 | 7.89 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 11:24 | 73.4754861 | Winding down 1732 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:25 | 73.4756944 | Deploying | 2 | 12300 | 6.95 | 5.56 | 6.98 | 7.9 | 2355 | 1790 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 11:25 | 73.4760417 | Deploying | 2 | 12330 | 6.97 | 5.56 | 6.99 | 7.94 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 11:26 | 73.4763889 | Deploying | 2 | 12360 | 6.98 | 5.56 | 7.01 | 7.9 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:26 | 73.4767361 | Deploying | 2 | 12390 | 6.98 | 5.56 | 7.03 | 7.9 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:26 | 73.4769444 | Winding down 1342 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:27 | 73.4770833 | Deploying | 2 | 12420 | 7 | 5.61 | 7.05 | 7.92 | 2296 | 1765 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 11:27 | 73.4774306 | Deploying | 2 | 12450 | 7.03 | 5.61 | 7.06 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:28 | 73.4777778 | Deploying | 2 | 12480 | 7.03 | 5.61 | 7.08 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:28 | 73.4780556 | Winding down 1752 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:28 | 73.4781250 | Deploying | 2 | 12510 | 7.04 | 5.68 | 7.1 | 7.9 | 2297 | 1771 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 11:29 | 73.4784722 | Deploying | 2 | 12540 | 7.11 | 5.68 | 7.11 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:29 | 73.4788194 | Deploying | 2 | 12570 | 7.1 | 5.68 | 7.13 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:30 | 73.4791667 | Deploying | 2 | 12600 | 7.11 | 5.68 | 7.15 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:30 | 73.4795139 | Deploying | 2 | 12630 | 7.11 | 5.68 | 7.16 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:30 | 73.4796296 | Winding down 1604 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:31 | 73.4798611 | Deploying | 2 | 12660 | 7.15 | 5.74 | 7.18 | 7.92 | 2347 | 1773 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:31 | 73.4802083 | Deploying | 2 | 12690 | 7.18 | 5.74 | 7.2 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:32 | 73.4805556 | Deploying | 2 | 12720 | 7.17 | 5.74 | 7.22 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:32 | 73.4808565 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:32 | 73.4809028 | Deploying | 2 | 12750 | 7.17 | 5.8 | 7.23 | 7.89 | 2298 | 1819 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:33 | 73.4812500 | Deploying | 2 | 12780 | 7.24 | 5.8 | 7.25 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:33 | 73.4815972 | Deploying | 2 | 12810 | 7.24 | 5.8 | 7.27 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:34 | 73.4819444 | Deploying | 2 | 12840 | 7.24 | 5.8 | 7.28 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:34 | 73.4822917 | Deploying | 2 | 12870 | 7.24 | 5.8 | 7.3 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:34 | 73.4822917 | Winding down 1562 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:35 | 73.4826389 | Deploying | 2 | 12900 | 7.3 | 5.86 | 7.32 | 7.9 | 2347 | 1776 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:35 | 73.4829861 | Deploying | 2 | 12930 | 7.3 | 5.86 | 7.33 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:36 | 73.4833333 | Deploying | 2 | 12960 | 7.29 | 5.86 | 7.35 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:36 | 73.4833796 | Winding down 1469 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:36 | 73.4836806 | Deploying | 2 | 12990 | 7.35 | 5.92 | 7.37 | 7.87 | 2301 | 1772 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:37 | 73.4840278 | Deploying | 2 | 13020 | 7.36 | 5.92 | 7.39 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:37 | 73.4843750 | Deploying | 2 | 13050 | 7.36 | 5.92 | 7.4 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:38 | 73.4847222 | Deploying | 2 | 13080 | 7.37 | 5.92 | 7.42 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:38 | 73.4847685 | Winding down 1519 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:38 | 73.4850694 | Deploying | 2 | 13110 | 7.42 | 5.97 | 7.44 | 7.94 | 2309 | 1774 | 0 | -7 | -7 | -7 | -7 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 11:39 | 73.4854167 | Deploying | 2 | 13140 | 7.42 | 5.97 | 7.45 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:39 | 73.4857639 | Deploying | 2 | 13170 | 7.43 | 5.97 | 7.47 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:40 | 73.4861111 | Deploying | 2 | 13200 | 7.43 | 5.97 | 7.49 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:40 | 73.4862037 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:40 | 73.4864583 | Deploying | 2 | 13230 | 7.48 | 6.04 | 7.5 | 7.89 | 2325 | 1799 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:41 | 73.4868056 | Deploying | 2 | 13260 | 7.5 | 6.04 | 7.52 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:41 | 73.4871528 | Deploying | 2 | 13290 | 7.49 | 6.04 | 7.54 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:41 | 73.4874653 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:42 | 73.4875000 | Deploying | 2 | 13320 | 7.5 | 6.1 | 7.56 | 7.9 | 2307 | 1780 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:42 | 73.4878472 | Deploying | 2 | 13350 | 7.56 | 6.1 | 7.57 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:43 | 73.4881944 | Deploying | 2 | 13380 | 7.57 | 6.1 | 7.59 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:43 | 73.4885417 | Deploying | 2 | 13410 | 7.56 | 6.1 | 7.61 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:44 | 73.4888889 | Deploying | 2 | 13440 | 7.57 | 6.1 | 7.62 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:44 | 73.4889699 | Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:44 | 73.4892361 | Deploying | 2 | 13470 | 7.62 | 6.16 | 7.64 | 7.89 | 2332 | 1781 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:45 | 73.4895833 | Deploying | 2 | 13500 | 7.63 | 6.16 | 7.66 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:45 | 73.4899306 | Deploying | 2 | 13530 | 7.62 | 6.16 | 7.67 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:45 | 73.4901389 | Winding down 1542 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:46 | 73.4902778 | Deploying | 2 | 13560 | 7.65 | 6.22 | 7.69 | 7.9 | 2345 | 1793 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:46 | 73.4906250 | Deploying | 2 | 13590 | 7.69 | 6.22 | 7.71 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:47 | 73.4909722 | Deploying | 2 | 13620 | 7.69 | 6.22 | 7.73 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:47 | 73.4913194 | Deploying | 2 | 13650 | 7.69 | 6.22 | 7.74 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:47 | 73.4915278 | Winding down 1617 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:48 | 73.4916667 | Deploying | 2 | 13680 | 7.71 | 6.28 | 7.76 | 7.89 | 2335 | 1780 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:48 | 73.4920139 | Deploying | 2 | 13710 | 7.75 | 6.28 | 7.78 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:49 | 73.4923611 | Deploying | 2 | 13740 | 7.76 | 6.28 | 7.79 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:49 | 73.4927083 | Deploying | 2 | 13770 | 7.76 | 6.28 | 7.81 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:49 | 73.4929051 | Winding down 1503 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:50 | 73.4930556 | Deploying | 2 | 13800 | 7.79 | 6.34 | 7.83 | 7.87 | 2350 | 1787 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 11:50 | 73.4934028 | Deploying | 2 | 13830 | 7.81 | 6.34 | 7.84 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:51 | 73.4937500 | Deploying | 2 | 13860 | 7.82 | 6.34 | 7.86 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:51 | 73.4940972 | Deploying | 2 | 13890 | 7.82 | 6.34 | 7.88 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:51 | 73.4942014 | Winding down 1815 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:52 | 73.4944444 | Deploying | 2 | 13920 | 7.87 | 6.41 | 7.9 | 7.9 | 2321 | 1754 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:52 | 73.4947917 | Deploying | 2 | 13950 | 7.89 | 6.41 | 7.91 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:53 | 73.4951389 | Deploying | 2 | 13980 | 7.88 | 6.41 | 7.93 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:53 | 73.4954861 | Deploying | 2 | 14010 | 7.89 | 6.41 | 7.95 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:53 | 73.4954861 | Winding down 1337 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:54 | 73.4958333 | Deploying | 2 | 14040 | 7.95 | 6.46 | 7.96 | 7.89 | 2291 | 1737 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:54 | 73.4961806 | Deploying | 2 | 14070 | 7.94 | 6.46 | 7.98 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:55 | 73.4965278 | Deploying | 2 | 14100 | 7.94 | 6.46 | 8 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:55 | 73.4966898 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:55 | 73.4968750 | Deploying | 2 | 14130 | 7.98 | 6.52 | 8.01 | 7.9 | 2337 | 1767 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:56 | 73.4972222 | Deploying | 2 | 14160 | 8.01 | 6.52 | 8.03 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:56 | 73.4975694 | Deploying | 2 | 14190 | 8.01 | 6.52 | 8.05 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:57 | 73.4979167 | Deploying | 2 | 14220 | 8.01 | 6.52 | 8.07 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:57 | 73.4980440 | Winding down 1643 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:57 | 73.4982639 | Deploying | 2 | 14250 | 8.05 | 6.58 | 8.08 | 7.89 | 2353 | 1802 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:58 | 73.4986111 | Deploying | 2 | 14280 | 8.08 | 6.58 | 8.1 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:58 | 73.4989583 | Deploying | 2 | 14310 | 8.08 | 6.58 | 8.12 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:59 | 73.4993056 | Deploying | 2 | 14340 | 8.08 | 6.58 | 8.13 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 11:59 | 73.4994329 | Winding down 1593 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:59 | 73.4996528 | Deploying | 2 | 14370 | 8.12 | 6.65 | 8.15 | 7.86 | 2296 | 1773 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:00 | 73.5000000 | Deploying | 2 | 14400 | 8.14 | 6.65 | 8.17 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| 3/13/2016 12:00 | 73.5003472 Deploying | 2 | 14430 | 8.14 | 6.65 | 8.18 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:01 | 73.5006944 Deploying | 2 | 14460 | 8.14 | 6.65 | 8.2 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:01 | 73.5006944 Winding down 1562 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:01 | 73.5010417 Deploying | 2 | 14490 | 8.21 | 6.71 | 8.22 | 7.92 | 2350 | 1790 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:02 | 73.5013889 Deploying | 2 | 14520 | 8.2 | 6.71 | 8.24 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:02 | 73.5017361 Deploying | 2 | 14550 | 8.2 | 6.71 | 8.25 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:02 | 73.5020023 Winding down 1563 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:03 | 73.5020833 Deploying | 2 | 14580 | 8.22 | 6.77 | 8.27 | 7.89 | 2296 | 1757 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:03 | 73.5024306 Deploying | 2 | 14610 | 8.26 | 6.77 | 8.29 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:04 | 73.5027778 Deploying | 2 | 14640 | 8.26 | 6.77 | 8.3 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:04 | 73.5031250 Deploying | 2 | 14670 | 8.26 | 6.77 | 8.32 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:04 | 73.5032060 Winding down 1586 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:05 | 73.5034722 Deploying | 2 | 14700 | 8.31 | 6.83 | 8.34 | 7.87 | 2349 | 1791 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:05 | 73.5038194 Deploying | 2 | 14730 | 8.33 | 6.83 | 8.35 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:06 | 73.5041667 Deploying | 2 | 14760 | 8.33 | 6.83 | 8.37 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:06 | 73.5045139 Deploying | 2 | 14790 | 8.32 | 6.83 | 8.39 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:06 | 73.5045949 Winding down 1736 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:07 | 73.5048611 Deploying | 2 | 14820 | 8.38 | 6.89 | 8.41 | 7.9 | 2352 | 1803 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:07 | 73.5052083 Deploying | 2 | 14850 | 8.4 | 6.89 | 8.42 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:08 | 73.5055556 Deploying | 2 | 14880 | 8.4 | 6.89 | 8.44 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:08 | 73.5059028 Deploying | 2 | 14910 | 8.4 | 6.89 | 8.46 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:08 | 73.5059144 Winding down 1526 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:09 | 73.5062500 Deploying | 2 | 14940 | 8.46 | 6.95 | 8.47 | 7.89 | 2351 | 1830 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:09 | 73.5065972 Deploying | 2 | 14970 | 8.47 | 6.95 | 8.49 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:10 | 73.5069444 Deploying | 2 | 15000 | 8.47 | 6.95 | 8.51 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:10 | 73.5072917 Deploying | 2 | 15030 | 8.47 | 6.95 | 8.52 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:10 | 73.5073958 Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:11 | 73.5076389 Deploying | 2 | 15060 | 8.51 | 7.01 | 8.54 | 7.9 | 2352 | 1782 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:11 | 73.5079861 Deploying | 2 | 15090 | 8.53 | 7.01 | 8.56 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:12 | 73.5083333 Deploying | 2 | 15120 | 8.53 | 7.01 | 8.58 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:12 | 73.5086806 Deploying | 2 | 15150 | 8.53 | 7.01 | 8.59 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:12 | 73.5087500 Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:13 | 73.5090278 Deploying | 2 | 15180 | 8.58 | 7.07 | 8.61 | 7.9 | 2316 | 1745 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:13 | 73.5093750 Deploying | 2 | 15210 | 8.59 | 7.07 | 8.63 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:14 | 73.5097222 Deploying | 2 | 15240 | 8.59 | 7.07 | 8.64 | 7.92 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:14 | 73.5099074 Winding down 1639 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:14 | 73.5100694 Deploying | 2 | 15270 | 8.62 | 7.13 | 8.66 | 7.89 | 2353 | 1778 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:15 | 73.5104167 Deploying | 2 | 15300 | 8.65 | 7.13 | 8.68 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:15 | 73.5107639 Deploying | 2 | 15330 | 8.65 | 7.13 | 8.69 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:16 | 73.5111111 Deploying | 2 | 15360 | 8.67 | 7.13 | 8.71 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:16 | 73.5114236 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:16 | 73.5114583 Deploying | 2 | 15390 | 8.67 | 7.2 | 8.73 | 7.9 | 2244 | 1781 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:17 | 73.5118056 Deploying | 2 | 15420 | 8.73 | 7.2 | 8.75 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:17 | 73.5121528 Deploying | 2 | 15450 | 8.72 | 7.2 | 8.76 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:18 | 73.5125000 Deploying | 2 | 15480 | 8.72 | 7.2 | 8.78 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:18 | 73.5125347 Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:18 | 73.5128472 Deploying | 2 | 15510 | 8.78 | 7.25 | 8.8 | 7.9 | 2318 | 1751 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:19 | 73.5131944 Deploying | 2 | 15540 | 8.78 | 7.25 | 8.81 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:19 | 73.5135417 Deploying | 2 | 15570 | 8.78 | 7.25 | 8.83 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:19 | 73.5138426 Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:20 | 73.5138889 Deploying | 2 | 15600 | 8.79 | 7.32 | 8.85 | 7.9 | 2305 | 1764 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:20 | 73.5142361 Deploying | 2 | 15630 | 8.86 | 7.32 | 8.86 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:21 | 73.5145833 Deploying | 2 | 15660 | 8.85 | 7.32 | 8.88 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:21 | 73.5149306 Deploying | 2 | 15690 | 8.85 | 7.32 | 8.9 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 12:21 | 73.5152083 Winding down 1552 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5152778 Deploying | | 2 | 15720 | 8.86 | 7.38 | 8.92 | 7.89 | 2299 | 1755 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:22 | 73.5156250 Deploying | | 2 | 15750 | 8.91 | 7.38 | 8.93 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:23 | 73.5159722 Deploying | | 2 | 15780 | 8.92 | 7.38 | 8.95 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:23 | 73.5163194 Deploying | | 2 | 15810 | 8.92 | 7.38 | 8.97 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:23 | 73.5165625 Winding down 1785 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:24 | 73.5166667 Deploying | | 2 | 15840 | 8.93 | 7.45 | 8.98 | 7.89 | 2343 | 1745 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:24 | 73.5170139 Deploying | | 2 | 15870 | 8.99 | 7.45 | 9 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:25 | 73.5173611 Deploying | | 2 | 15900 | 8.98 | 7.45 | 9.02 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:25 | 73.5177083 Deploying | | 2 | 15930 | 8.99 | 7.45 | 9.03 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:26 | 73.5180556 Deploying | | 2 | 15960 | 9 | 7.45 | 9.05 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:26 | 73.5181713 Winding down 1554 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:26 | 73.5184028 Deploying | | 2 | 15990 | 9.03 | 7.51 | 9.07 | 7.92 | 2295 | 1748 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:27 | 73.5187500 Deploying | | 2 | 16020 | 9.05 | 7.51 | 9.09 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:27 | 73.5190972 Deploying | | 2 | 16050 | 9.06 | 7.51 | 9.1 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:28 | 73.5194444 Deploying | | 2 | 16080 | 9.06 | 7.51 | 9.12 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:28 | 73.5194560 Winding down 1601 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:28 | 73.5197917 Deploying | | 2 | 16110 | 9.11 | 7.57 | 9.14 | 7.86 | 2353 | 1786 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:29 | 73.5201389 Deploying | | 2 | 16140 | 9.12 | 7.57 | 9.15 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:29 | 73.5204861 Deploying | | 2 | 16170 | 9.12 | 7.57 | 9.17 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:29 | 73.5207407 Winding down 1624 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:30 | 73.5208333 Deploying | | 2 | 16200 | 9.14 | 7.63 | 9.19 | 7.87 | 2295 | 1782 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:30 | 73.5211806 Deploying | | 2 | 16230 | 9.18 | 7.63 | 9.2 | 7.84 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:31 | 73.5215278 Deploying | | 2 | 16260 | 9.19 | 7.63 | 9.22 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:31 | 73.5218750 Deploying | | 2 | 16290 | 9.18 | 7.63 | 9.24 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:31 | 73.5220255 Winding down 1621 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:32 | 73.5222222 Deploying | | 2 | 16320 | 9.22 | 7.69 | 9.26 | 7.9 | 2349 | 1769 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:32 | 73.5225694 Deploying | | 2 | 16350 | 9.25 | 7.69 | 9.27 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:33 | 73.5229167 Deploying | | 2 | 16380 | 9.25 | 7.69 | 9.29 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:33 | 73.5232639 Deploying | | 2 | 16410 | 9.26 | 7.69 | 9.31 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:33 | 73.5234722 Winding down 1542 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:34 | 73.5236111 Deploying | | 2 | 16440 | 9.28 | 7.75 | 9.32 | 7.89 | 2343 | 1764 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:34 | 73.5239583 Deploying | | 2 | 16470 | 9.31 | 7.75 | 9.34 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:35 | 73.5243056 Deploying | | 2 | 16500 | 9.31 | 7.75 | 9.36 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:35 | 73.5244907 Winding down 1489 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:35 | 73.5246528 Deploying | | 2 | 16530 | 9.34 | 7.81 | 9.37 | 7.87 | 2307 | 1786 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:36 | 73.5250000 Deploying | | 2 | 16560 | 9.38 | 7.81 | 9.39 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:36 | 73.5253472 Deploying | | 2 | 16590 | 9.37 | 7.81 | 9.41 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:37 | 73.5256944 Deploying | | 2 | 16620 | 9.37 | 7.81 | 9.43 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:37 | 73.5259028 Winding down 1667 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:37 | 73.5260417 Deploying | | 2 | 16650 | 9.4 | 7.87 | 9.44 | 7.87 | 2288 | 1732 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:38 | 73.5263889 Deploying | | 2 | 16680 | 9.44 | 7.87 | 9.46 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:38 | 73.5267361 Deploying | | 2 | 16710 | 9.44 | 7.87 | 9.48 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:39 | 73.5270833 Deploying | | 2 | 16740 | 9.44 | 7.87 | 9.49 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:39 | 73.5273032 Winding down 1681 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:39 | 73.5274306 Deploying | | 2 | 16770 | 9.46 | 7.94 | 9.51 | 7.9 | 2294 | 1767 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:40 | 73.5277778 Deploying | | 2 | 16800 | 9.51 | 7.94 | 9.53 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:40 | 73.5281250 Deploying | | 2 | 16830 | 9.51 | 7.94 | 9.54 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:41 | 73.5284722 Deploying | | 2 | 16860 | 9.51 | 7.94 | 9.56 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:41 | 73.5286111 Winding down 1407 ticks | | 3 | | | | | | | | | | | |
| 3/13/2016 12:41 | 73.5288194 Deploying | | 2 | 16890 | 9.54 | 7.99 | 9.58 | 7.87 | 2358 | 1793 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:42 | 73.5291667 Deploying | | 2 | 16920 | 9.57 | 7.99 | 9.6 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:42 | 73.5295139 Deploying | | 2 | 16950 | 9.56 | 7.99 | 9.61 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:43 | 73.5298611 Deploying | | 2 | 16980 | 9.57 | 7.99 | 9.63 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 12:43 | 73.5299074 Winding down 1594 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:43 | 73.5302083 Deploying | 2 | 17010 | 9.62 | 8.05 | 9.65 | 7.9 | 2351 | 1778 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:44 | 73.5305556 Deploying | 2 | 17040 | 9.62 | 8.05 | 9.66 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:44 | 73.5309028 Deploying | 2 | 17070 | 9.63 | 8.05 | 9.68 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:44 | 73.5310880 Winding down 1564 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:45 | 73.5312500 Deploying | 2 | 17100 | 9.66 | 8.11 | 9.7 | 7.87 | 2320 | 1771 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:45 | 73.5315972 Deploying | 2 | 17130 | 9.69 | 8.11 | 9.71 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:46 | 73.5319444 Deploying | 2 | 17160 | 9.69 | 8.11 | 9.73 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:46 | 73.5322917 Deploying | 2 | 17190 | 9.69 | 8.11 | 9.75 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:46 | 73.5323843 Winding down 1575 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:47 | 73.5326389 Deploying | 2 | 17220 | 9.74 | 8.17 | 9.77 | 7.92 | 2280 | 1784 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:47 | 73.5329861 Deploying | 2 | 17250 | 9.76 | 8.17 | 9.78 | 7.9 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:48 | 73.5333333 Deploying | 2 | 17280 | 9.75 | 8.17 | 9.8 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:48 | 73.5335648 Winding down 1470 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:48 | 73.5336806 Deploying | 2 | 17310 | 9.77 | 8.23 | 9.82 | 7.87 | 2348 | 1780 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:49 | 73.5340278 Deploying | 2 | 17340 | 9.81 | 8.23 | 9.83 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:49 | 73.5343750 Deploying | 2 | 17370 | 9.81 | 8.23 | 9.85 | 7.84 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:50 | 73.5347222 Deploying | 2 | 17400 | 9.82 | 8.23 | 9.87 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:50 | 73.5349306 Winding down 1567 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:50 | 73.5350694 Deploying | 2 | 17430 | 9.84 | 8.29 | 9.88 | 7.86 | 2333 | 1762 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:51 | 73.5354167 Deploying | 2 | 17460 | 9.88 | 8.29 | 9.9 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:51 | 73.5357639 Deploying | 2 | 17490 | 9.87 | 8.29 | 9.92 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:51 | 73.5359491 Winding down 1439 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:52 | 73.5361111 Deploying | 2 | 17520 | 9.9 | 8.35 | 9.94 | 7.89 | 2343 | 1761 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:52 | 73.5364583 Deploying | 2 | 17550 | 9.93 | 8.35 | 9.95 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:53 | 73.5368056 Deploying | 2 | 17580 | 9.94 | 8.35 | 9.97 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:53 | 73.5371528 Deploying | 2 | 17610 | 9.93 | 8.35 | 9.99 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:53 | 73.5373032 Winding down 1396 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:54 | 73.5375000 Deploying | 2 | 17640 | 9.97 | 8.4 | 10 | 7.86 | 2351 | 1791 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:54 | 73.5378472 Deploying | 2 | 17670 | 10 | 8.4 | 10.02 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:55 | 73.5381944 Deploying | 2 | 17700 | 9.99 | 8.4 | 10.04 | 7.89 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:55 | 73.5384491 Winding down 1749 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:55 | 73.5385417 Deploying | 2 | 17730 | 10 | 8.47 | 10.05 | 7.86 | 2294 | 1748 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:56 | 73.5388889 Deploying | 2 | 17760 | 10.07 | 8.47 | 10.07 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:56 | 73.5392361 Deploying | 2 | 17790 | 10.07 | 8.47 | 10.09 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:57 | 73.5395833 Deploying | 2 | 17820 | 10.06 | 8.47 | 10.11 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 12:57 | 73.5399306 Deploying | 2 | 17850 | 10.07 | 8.47 | 10.12 | 7.84 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 12:57 | 73.5399769 Winding down 1494 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:58 | 73.5402778 Deploying | 2 | 17880 | 10.11 | 8.52 | 10.14 | 7.89 | 2353 | 1784 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 12:58 | 73.5406250 Deploying | 2 | 17910 | 10.12 | 8.52 | 10.16 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 12:59 | 73.5409722 Deploying | 2 | 17940 | 10.12 | 8.52 | 10.17 | 7.86 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 12:59 | 73.5411343 Winding down 1610 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 12:59 | 73.5413194 Deploying | 2 | 17970 | 10.15 | 8.59 | 10.19 | 7.87 | 2350 | 1797 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:00 | 73.5416667 Deploying | 2 | 18000 | 10.18 | 8.59 | 10.21 | 7.87 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:00 | 73.5420139 Deploying | 2 | 18030 | 10.19 | 8.59 | 10.22 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:01 | 73.5423611 Deploying | 2 | 18060 | 10.19 | 8.59 | 10.24 | 7.87 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:01 | 73.5424537 Winding down 1375 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 13:01 | 73.5427083 Deploying | 2 | 18090 | 10.24 | 8.64 | 10.26 | 7.87 | 2350 | 1786 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:02 | 73.5430556 Deploying | 2 | 18120 | 10.24 | 8.64 | 10.28 | 7.87 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:02 | 73.5434028 Deploying | 2 | 18150 | 10.25 | 8.64 | 10.29 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:03 | 73.5437500 Deploying | 2 | 18180 | 10.24 | 8.64 | 10.31 | 7.87 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:03 | 73.5438310 Winding down 1786 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 13:03 | 73.5440972 Deploying | 2 | 18210 | 10.3 | 8.71 | 10.33 | 7.86 | 2282 | 1770 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:04 | 73.5444444 Deploying | 2 | 18240 | 10.32 | 8.71 | 10.34 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |

| Date/Time | Value Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 13:04 | 73.5447917 Deploying | 2 | 18270 | 10.32 | 8.71 | 10.36 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:04 | 73.5450926 Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:05 | 73.5451389 Deploying | 2 | 18300 | 10.33 | 8.76 | 10.38 | 7.84 | 2309 | 1747 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:05 | 73.5454861 Deploying | 2 | 18330 | 10.37 | 8.76 | 10.39 | 7.89 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:06 | 73.5458333 Deploying | 2 | 18360 | 10.38 | 8.76 | 10.41 | 7.86 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:06 | 73.5461806 Deploying | 2 | 18390 | 10.38 | 8.76 | 10.43 | 7.9 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:06 | 73.5465046 Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:07 | 73.5465278 Deploying | 2 | 18420 | 10.38 | 8.82 | 10.45 | 7.75 | 2293 | 1765 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:07 | 73.5468750 Deploying | 2 | 18450 | 10.44 | 8.82 | 10.46 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:08 | 73.5472222 Deploying | 2 | 18480 | 10.44 | 8.82 | 10.48 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:08 | 73.5475694 Deploying | 2 | 18510 | 10.45 | 8.82 | 10.5 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:08 | 73.5477083 Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:09 | 73.5479167 Deploying | 2 | 18540 | 10.48 | 8.88 | 10.51 | 7.86 | 2304 | 1754 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:09 | 73.5482639 Deploying | 2 | 18570 | 10.5 | 8.88 | 10.53 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:10 | 73.5486111 Deploying | 2 | 18600 | 10.5 | 8.88 | 10.55 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:10 | 73.5489583 Deploying | 2 | 18630 | 10.51 | 8.88 | 10.56 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:10 | 73.5489699 Winding down 1501 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:11 | 73.5493056 Deploying | 2 | 18660 | 10.56 | 8.94 | 10.58 | 7.87 | 2343 | 1772 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:11 | 73.5496528 Deploying | 2 | 18690 | 10.56 | 8.94 | 10.6 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:12 | 73.5500000 Deploying | 2 | 18720 | 10.56 | 8.94 | 10.62 | 7.87 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:12 | 73.5501852 Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:12 | 73.5503472 Deploying | 2 | 18750 | 10.59 | 9 | 10.63 | 7.84 | 2268 | 1761 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:13 | 73.5506944 Deploying | 2 | 18780 | 10.63 | 9 | 10.65 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:13 | 73.5510417 Deploying | 2 | 18810 | 10.63 | 9 | 10.67 | 7.86 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:14 | 73.5513889 Deploying | 2 | 18840 | 10.63 | 9 | 10.68 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:14 | 73.5514931 Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:14 | 73.5517361 Deploying | 2 | 18870 | 10.67 | 9.06 | 10.7 | 7.84 | 2331 | 1779 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:15 | 73.5520833 Deploying | 2 | 18900 | 10.68 | 9.06 | 10.72 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:15 | 73.5524306 Deploying | 2 | 18930 | 10.69 | 9.06 | 10.73 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:16 | 73.5527778 Deploying | 2 | 18960 | 10.69 | 9.06 | 10.75 | 7.84 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:16 | 73.5528125 Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:16 | 73.5531250 Deploying | 2 | 18990 | 10.75 | 9.12 | 10.77 | 7.86 | 2332 | 1766 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:17 | 73.5534722 Deploying | 2 | 19020 | 10.76 | 9.12 | 10.79 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:17 | 73.5538194 Deploying | 2 | 19050 | 10.75 | 9.12 | 10.8 | 7.87 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:17 | 73.5539931 Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:18 | 73.5541667 Deploying | 2 | 19080 | 10.78 | 9.18 | 10.82 | 7.89 | 2296 | 1760 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:18 | 73.5545139 Deploying | 2 | 19110 | 10.82 | 9.18 | 10.84 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:19 | 73.5548611 Deploying | 2 | 19140 | 10.82 | 9.18 | 10.85 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:19 | 73.5552083 Deploying | 2 | 19170 | 10.82 | 9.18 | 10.87 | 7.84 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:19 | 73.5554398 Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:20 | 73.5555556 Deploying | 2 | 19200 | 10.84 | 9.24 | 10.89 | 7.86 | 2355 | 1794 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:20 | 73.5559028 Deploying | 2 | 19230 | 10.88 | 9.24 | 10.9 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:21 | 73.5562500 Deploying | 2 | 19260 | 10.88 | 9.24 | 10.92 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:21 | 73.5565972 Deploying | 2 | 19290 | 10.89 | 9.24 | 10.94 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:21 | 73.5566088 Winding down 1376 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:22 | 73.5569444 Deploying | 2 | 19320 | 10.94 | 9.3 | 10.96 | 7.86 | 2352 | 1785 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:22 | 73.5572917 Deploying | 2 | 19350 | 10.94 | 9.3 | 10.97 | 7.87 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:23 | 73.5576389 Deploying | 2 | 19380 | 10.94 | 9.3 | 10.99 | 7.87 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:23 | 73.5578819 Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:23 | 73.5579861 Deploying | 2 | 19410 | 10.96 | 9.36 | 11.01 | 7.87 | 2286 | 1747 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:24 | 73.5583333 Deploying | 2 | 19440 | 11.01 | 9.36 | 11.02 | 7.87 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:24 | 73.5586806 Deploying | 2 | 19470 | 11.01 | 9.36 | 11.04 | 7.87 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:25 | 73.5590278 Deploying | 2 | 19500 | 11.01 | 9.36 | 11.06 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:25 | 73.5592361 Winding down 1567 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 13:25 | 73.5593750 | Deploying | 2 | 19530 | 11.03 | 9.42 | 11.07 | 7.87 | 2297 | 1784 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:26 | 73.5597222 | Deploying | 2 | 19560 | 11.07 | 9.42 | 11.09 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:26 | 73.5600694 | Deploying | 2 | 19590 | 11.07 | 9.42 | 11.11 | 7.81 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:27 | 73.5604167 | Deploying | 2 | 19620 | 11.07 | 9.42 | 11.13 | 7.86 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:27 | 73.5606019 | Winding down 1689 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:27 | 73.5607639 | Deploying | 2 | 19650 | 11.1 | 9.49 | 11.14 | 7.84 | 2354 | 1790 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:28 | 73.5611111 | Deploying | 2 | 19680 | 11.15 | 9.49 | 11.16 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:28 | 73.5614583 | Deploying | 2 | 19710 | 11.15 | 9.49 | 11.18 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:29 | 73.5618056 | Deploying | 2 | 19740 | 11.15 | 9.49 | 11.19 | 7.86 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:29 | 73.5621528 | Deploying | 2 | 19770 | 11.15 | 9.49 | 11.21 | 7.87 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:29 | 73.5621875 | Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:30 | 73.5625000 | Deploying | 2 | 19800 | 11.2 | 9.55 | 11.23 | 7.89 | 2353 | 1782 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:30 | 73.5628472 | Deploying | 2 | 19830 | 11.21 | 9.55 | 11.24 | 7.87 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:31 | 73.5631944 | Deploying | 2 | 19860 | 11.21 | 9.55 | 11.26 | 7.83 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:31 | 73.5633333 | Winding down 1682 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:31 | 73.5635417 | Deploying | 2 | 19890 | 11.24 | 9.61 | 11.28 | 7.83 | 2343 | 1759 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:32 | 73.5638889 | Deploying | 2 | 19920 | 11.27 | 9.61 | 11.3 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:32 | 73.5642361 | Deploying | 2 | 19950 | 11.27 | 9.61 | 11.31 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:33 | 73.5645833 | Deploying | 2 | 19980 | 11.27 | 9.61 | 11.33 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:33 | 73.5647222 | Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:33 | 73.5649306 | Deploying | 2 | 20010 | 11.32 | 9.68 | 11.35 | 7.84 | 2295 | 1749 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:34 | 73.5652778 | Deploying | 2 | 20040 | 11.35 | 9.68 | 11.36 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:34 | 73.5656250 | Deploying | 2 | 20070 | 11.34 | 9.68 | 11.38 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:35 | 73.5659722 | Deploying | 2 | 20100 | 11.34 | 9.68 | 11.4 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:35 | 73.5661343 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:35 | 73.5663194 | Deploying | 2 | 20130 | 11.38 | 9.74 | 11.41 | 7.86 | 2309 | 1750 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:36 | 73.5666667 | Deploying | 2 | 20160 | 11.41 | 9.74 | 11.43 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:36 | 73.5670139 | Deploying | 2 | 20190 | 11.41 | 9.74 | 11.45 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:37 | 73.5673611 | Deploying | 2 | 20220 | 11.41 | 9.74 | 11.47 | 7.84 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:37 | 73.5674421 | Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:37 | 73.5677083 | Deploying | 2 | 20250 | 11.46 | 9.8 | 11.48 | 7.86 | 2351 | 1799 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:38 | 73.5680556 | Deploying | 2 | 20280 | 11.47 | 9.8 | 11.5 | 7.87 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:38 | 73.5684028 | Deploying | 2 | 20310 | 11.48 | 9.8 | 11.52 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:39 | 73.5687500 | Deploying | 2 | 20340 | 11.47 | 9.8 | 11.53 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:39 | 73.5688310 | Winding down 1686 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:39 | 73.5690972 | Deploying | 2 | 20370 | 11.52 | 9.86 | 11.55 | 7.84 | 2292 | 1772 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:40 | 73.5694444 | Deploying | 2 | 20400 | 11.54 | 9.86 | 11.57 | 7.86 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:40 | 73.5697917 | Deploying | 2 | 20430 | 11.54 | 9.86 | 11.58 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:41 | 73.5701389 | Deploying | 2 | 20460 | 11.54 | 9.86 | 11.6 | 7.87 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:41 | 73.5701968 | Winding down 1708 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:41 | 73.5704861 | Deploying | 2 | 20490 | 11.6 | 9.93 | 11.62 | 7.86 | 2277 | 1759 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:42 | 73.5708333 | Deploying | 2 | 20520 | 11.62 | 9.93 | 11.64 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:42 | 73.5711806 | Deploying | 2 | 20550 | 11.62 | 9.93 | 11.65 | 7.87 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:43 | 73.5715278 | Deploying | 2 | 20580 | 11.61 | 9.93 | 11.67 | 7.84 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:43 | 73.5715278 | Winding down 1537 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:43 | 73.5718750 | Deploying | 2 | 20610 | 11.67 | 9.99 | 11.69 | 7.87 | 2329 | 1752 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:44 | 73.5722222 | Deploying | 2 | 20640 | 11.67 | 9.99 | 11.7 | 7.84 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:44 | 73.5725694 | Deploying | 2 | 20670 | 11.68 | 9.99 | 11.72 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:44 | 73.5729051 | Winding down 1648 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:45 | 73.5729167 | Deploying | 2 | 20700 | 11.67 | 10.05 | 11.74 | 7.86 | 2256 | 1732 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:45 | 73.5732639 | Deploying | 2 | 20730 | 11.75 | 10.05 | 11.75 | 7.87 | 2256 | 243 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:46 | 73.5736111 | Deploying | 2 | 20760 | 11.74 | 10.05 | 11.77 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:46 | 73.5739583 | Deploying | 2 | 20790 | 11.74 | 10.05 | 11.79 | 7.87 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:47 | 73.5743056 | Deploying | 2 | 20820 | 11.74 | 10.05 | 11.81 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 13:47 | 73.5743403 Winding down 1680 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 13:47 | 73.5746528 Deploying | 2 | 20850 | 11.8 | 10.12 | 11.82 | 7.87 | 2321 | 1748 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:48 | 73.5750000 Deploying | 2 | 20880 | 11.81 | 10.12 | 11.84 | 7.87 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:48 | 73.5753472 Deploying | 2 | 20910 | 11.81 | 10.12 | 11.86 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:48 | 73.5756713 Winding down 1659 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 13:49 | 73.5756944 Deploying | 2 | 20940 | 11.81 | 10.18 | 11.87 | 7.71 | 2299 | 1809 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 13:49 | 73.5760417 Deploying | 2 | 20970 | 11.88 | 10.18 | 11.89 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:50 | 73.5763889 Deploying | 2 | 21000 | 11.88 | 10.18 | 11.91 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:50 | 73.5767361 Deploying | 2 | 21030 | 11.88 | 10.18 | 11.92 | 7.83 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:51 | 73.5770833 Deploying | 2 | 21060 | 11.88 | 10.18 | 11.94 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:51 | 73.5770949 Winding down 1601 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 13:51 | 73.5774306 Deploying | 2 | 21090 | 11.95 | 10.24 | 11.96 | 7.84 | 2312 | 1769 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:52 | 73.5777778 Deploying | 2 | 21120 | 11.95 | 10.24 | 11.98 | 7.87 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:52 | 73.5781250 Deploying | 2 | 21150 | 11.94 | 10.24 | 11.99 | 7.87 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:52 | 73.5784144 Winding down 1641 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 13:53 | 73.5784722 Deploying | 2 | 21180 | 11.96 | 10.3 | 12.01 | 7.84 | 2352 | 1749 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 13:53 | 73.5788194 Deploying | 2 | 21210 | 12.01 | 10.3 | 12.03 | 7.81 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:54 | 73.5791667 Deploying | 2 | 21240 | 12.02 | 10.3 | 12.04 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:54 | 73.5795139 Deploying | 2 | 21270 | 12.01 | 10.3 | 12.06 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:54 | 73.5797801 Winding down 1613 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 13:55 | 73.5798611 Deploying | 2 | 21300 | 12.03 | 10.37 | 12.08 | 7.87 | 2340 | 1773 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:55 | 73.5802083 Deploying | 2 | 21330 | 12.08 | 10.37 | 12.09 | 7.84 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:56 | 73.5805556 Deploying | 2 | 21360 | 12.08 | 10.37 | 12.11 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:56 | 73.5809028 Deploying | 2 | 21390 | 12.08 | 10.37 | 12.13 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:56 | 73.5812037 Winding down 1505 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 13:57 | 73.5812500 Deploying | 2 | 21420 | 12.09 | 10.42 | 12.15 | 7.84 | 2246 | 1737 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 13:57 | 73.5815972 Deploying | 2 | 21450 | 12.14 | 10.42 | 12.16 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:58 | 73.5819444 Deploying | 2 | 21480 | 12.14 | 10.42 | 12.18 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:58 | 73.5822801 Winding down 1648 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 13:58 | 73.5822917 Deploying | 2 | 21510 | 12.13 | 10.49 | 12.2 | 7.83 | 2293 | 1692 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:59 | 73.5826389 Deploying | 2 | 21540 | 12.2 | 10.49 | 12.21 | 7.86 | 2293 | 244 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 13:59 | 73.5829861 Deploying | 2 | 21570 | 12.21 | 10.49 | 12.23 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:00 | 73.5833333 Deploying | 2 | 21600 | 12.2 | 10.49 | 12.25 | 7.87 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:00 | 73.5836690 Winding down 1473 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 14:00 | 73.5836806 Deploying | 2 | 21630 | 12.21 | 10.55 | 12.26 | 7.87 | 2295 | 1754 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 14:01 | 73.5840278 Deploying | 2 | 21660 | 12.27 | 10.55 | 12.28 | 7.86 | 2295 | 236 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:01 | 73.5843750 Deploying | 2 | 21690 | 12.27 | 10.55 | 12.3 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:02 | 73.5847222 Deploying | 2 | 21720 | 12.26 | 10.55 | 12.32 | 7.83 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:02 | 73.5849537 Winding down 1645 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 14:02 | 73.5850694 Deploying | 2 | 21750 | 12.28 | 10.61 | 12.33 | 7.83 | 2348 | 1778 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:03 | 73.5854167 Deploying | 2 | 21780 | 12.33 | 10.61 | 12.35 | 7.83 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:03 | 73.5857639 Deploying | 2 | 21810 | 12.33 | 10.61 | 12.37 | 7.86 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:04 | 73.5861111 Deploying | 2 | 21840 | 12.33 | 10.61 | 12.38 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:04 | 73.5861806 Winding down 1547 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 14:04 | 73.5864583 Deploying | 2 | 21870 | 12.38 | 10.67 | 12.4 | 7.83 | 2322 | 1782 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:05 | 73.5868056 Deploying | 2 | 21900 | 12.39 | 10.67 | 12.42 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:05 | 73.5871528 Deploying | 2 | 21930 | 12.39 | 10.67 | 12.43 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:06 | 73.5875000 Deploying | 2 | 21960 | 12.39 | 10.67 | 12.45 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:06 | 73.5875926 Winding down 1525 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 14:06 | 73.5878472 Deploying | 2 | 21990 | 12.45 | 10.73 | 12.47 | 7.83 | 2279 | 1768 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:07 | 73.5881944 Deploying | 2 | 22020 | 12.45 | 10.73 | 12.49 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:07 | 73.5885417 Deploying | 2 | 22050 | 12.45 | 10.73 | 12.5 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:07 | 73.5887500 Winding down 1642 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 14:08 | 73.5888889 Deploying | 2 | 22080 | 12.48 | 10.79 | 12.52 | 7.84 | 2349 | 1752 | 0 | -7 | -6 | -6 | -6 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 14:08 | 73.5892361 Deploying | 2 | 22110 | 12.52 | 10.79 | 12.54 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:09 | 73.5895833 Deploying | 2 | 22140 | 12.52 | 10.79 | 12.55 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:09 | 73.5899306 Deploying | 2 | 22170 | 12.52 | 10.79 | 12.57 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:09 | 73.5902546 Winding down 1634 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:10 | 73.5902778 Deploying | 2 | 22200 | 12.53 | 10.85 | 12.59 | 7.71 | 2224 | 1720 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:10 | 73.5906250 Deploying | 2 | 22230 | 12.58 | 10.85 | 12.6 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:11 | 73.5909722 Deploying | 2 | 22260 | 12.59 | 10.85 | 12.62 | 7.81 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:11 | 73.5913194 Deploying | 2 | 22290 | 12.58 | 10.85 | 12.64 | 7.81 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:11 | 73.5914699 Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:12 | 73.5916667 Deploying | 2 | 22320 | 12.62 | 10.91 | 12.66 | 7.84 | 2274 | 1775 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:12 | 73.5920139 Deploying | 2 | 22350 | 12.65 | 10.91 | 12.67 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:13 | 73.5923611 Deploying | 2 | 22380 | 12.65 | 10.91 | 12.69 | 7.86 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 14:13 | 73.5927083 Deploying | 2 | 22410 | 12.65 | 10.91 | 12.71 | 7.84 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 14:13 | 73.5928356 Winding down 1668 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:14 | 73.5930556 Deploying | 2 | 22440 | 12.7 | 10.98 | 12.72 | 7.83 | 2342 | 1766 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:14 | 73.5934028 Deploying | 2 | 22470 | 12.71 | 10.98 | 12.74 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:15 | 73.5937500 Deploying | 2 | 22500 | 12.71 | 10.98 | 12.76 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:15 | 73.5940972 Deploying | 2 | 22530 | 12.72 | 10.98 | 12.77 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:15 | 73.5940972 Winding down 1437 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:16 | 73.5944444 Deploying | 2 | 22560 | 12.77 | 11.03 | 12.79 | 7.83 | 2321 | 1750 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:16 | 73.5947917 Deploying | 2 | 22590 | 12.77 | 11.03 | 12.81 | 7.83 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 14:17 | 73.5951389 Deploying | 2 | 22620 | 12.78 | 11.03 | 12.83 | 7.81 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:17 | 73.5954282 Winding down 1616 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:17 | 73.5954861 Deploying | 2 | 22650 | 12.79 | 11.1 | 12.84 | 7.84 | 2274 | 1726 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 14:18 | 73.5958333 Deploying | 2 | 22680 | 12.84 | 11.1 | 12.86 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:18 | 73.5961806 Deploying | 2 | 22710 | 12.84 | 11.1 | 12.88 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:19 | 73.5965278 Deploying | 2 | 22740 | 12.84 | 11.1 | 12.89 | 7.84 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 14:19 | 73.5967708 Winding down 1685 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:19 | 73.5968750 Deploying | 2 | 22770 | 12.86 | 11.16 | 12.91 | 7.83 | 2277 | 1739 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:20 | 73.5972222 Deploying | 2 | 22800 | 12.9 | 11.16 | 12.93 | 7.81 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:20 | 73.5975694 Deploying | 2 | 22830 | 12.9 | 11.16 | 12.94 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:21 | 73.5979167 Deploying | 2 | 22860 | 12.89 | 11.16 | 12.96 | 7.81 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:21 | 73.5979398 Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:21 | 73.5982639 Deploying | 2 | 22890 | 12.97 | 11.23 | 12.98 | 7.84 | 2272 | 1774 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:22 | 73.5986111 Deploying | 2 | 22920 | 12.97 | 11.23 | 13 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:22 | 73.5989583 Deploying | 2 | 22950 | 12.97 | 11.23 | 13.01 | 7.81 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:23 | 73.5993056 Deploying | 2 | 22980 | 12.98 | 11.23 | 13.03 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:23 | 73.5994097 Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:23 | 73.5996528 Deploying | 2 | 23010 | 13.02 | 11.29 | 13.05 | 7.84 | 2281 | 1752 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:24 | 73.6000000 Deploying | 2 | 23040 | 13.04 | 11.29 | 13.06 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:24 | 73.6003472 Deploying | 2 | 23070 | 13.03 | 11.29 | 13.08 | 7.84 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:24 | 73.6006829 Winding down 1623 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:25 | 73.6006944 Deploying | 2 | 23100 | 13.04 | 11.35 | 13.1 | 7.81 | 2285 | 1726 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 14:25 | 73.6010417 Deploying | 2 | 23130 | 13.1 | 11.35 | 13.11 | 7.86 | 2285 | 244 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:26 | 73.6013889 Deploying | 2 | 23160 | 13.11 | 11.35 | 13.13 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:26 | 73.6017361 Deploying | 2 | 23190 | 13.11 | 11.35 | 13.15 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:27 | 73.6020833 Deploying | 2 | 23220 | 13.1 | 11.35 | 13.17 | 7.84 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:27 | 73.6022338 Winding down 1921 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6024306 Deploying | 2 | 23250 | 13.14 | 11.43 | 13.18 | 7.86 | 2348 | 1755 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:28 | 73.6027778 Deploying | 2 | 23280 | 13.18 | 11.43 | 13.2 | 7.86 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:28 | 73.6031250 Deploying | 2 | 23310 | 13.18 | 11.43 | 13.22 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:29 | 73.6034722 Deploying | 2 | 23340 | 13.18 | 11.43 | 13.23 | 7.86 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:29 | 73.6036343 Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6038194 Deploying | 2 | 23370 | 13.21 | 11.49 | 13.25 | 7.83 | 2291 | 1754 | 0 | -7 | -6 | -6 | -6 |

| Date/Time | Value | State | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 14:30 | 73.6041667 Deploying | 2 | 23400 | 13.24 | 11.49 | 13.27 | 7.81 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:30 | 73.6045139 Deploying | 2 | 23430 | 13.25 | 11.49 | 13.28 | 7.79 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:31 | 73.6048611 Deploying | 2 | 23460 | 13.24 | 11.49 | 13.3 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:31 | 73.6049190 Winding down 1533 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:31 | 73.6052083 Deploying | 2 | 23490 | 13.29 | 11.55 | 13.32 | 7.84 | 2276 | 1738 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:32 | 73.6055556 Deploying | 2 | 23520 | 13.3 | 11.55 | 13.34 | 7.84 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:32 | 73.6059028 Deploying | 2 | 23550 | 13.31 | 11.55 | 13.35 | 7.81 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:33 | 73.6062500 Deploying | 2 | 23580 | 13.3 | 11.55 | 13.37 | 7.81 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:33 | 73.6062500 Winding down 1687 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:33 | 73.6065972 Deploying | 2 | 23610 | 13.37 | 11.61 | 13.39 | 7.84 | 2299 | 1795 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:34 | 73.6069444 Deploying | 2 | 23640 | 13.37 | 11.61 | 13.4 | 7.83 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:34 | 73.6072917 Deploying | 2 | 23670 | 13.36 | 11.61 | 13.42 | 7.86 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:34 | 73.6074190 Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:35 | 73.6076389 Deploying | 2 | 23700 | 13.41 | 11.68 | 13.44 | 7.83 | 2351 | 1806 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:35 | 73.6079861 Deploying | 2 | 23730 | 13.44 | 11.68 | 13.45 | 7.83 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 3/13/2016 14:36 | 73.6083333 Deploying | 2 | 23760 | 13.44 | 11.68 | 13.47 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:36 | 73.6086806 Deploying | 2 | 23790 | 13.44 | 11.68 | 13.49 | 7.84 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:36 | 73.6088426 Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:37 | 73.6090278 Deploying | 2 | 23820 | 13.46 | 11.74 | 13.51 | 7.83 | 2284 | 1746 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 14:37 | 73.6093750 Deploying | 2 | 23850 | 13.5 | 11.74 | 13.52 | 7.81 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 3/13/2016 14:38 | 73.6097222 Deploying | 2 | 23880 | 13.5 | 11.74 | 13.54 | 7.83 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 3/13/2016 14:38 | 73.6100231 Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/13/2016 14:38 | 73.6100231 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/13/2016 14:38 | 73.6100463 Winding up 1250 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:38 | 73.6100579 Winding up 1899 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:38 | 73.6100694 Rewinding | 5 | 23906 | 13.5 | 11.65 | 13.42 | 7.81 | 1178 | 907 | | | | | |
| 3/13/2016 14:38 | 73.6100810 Winding up 3125 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:38 | 73.6101273 Winding up 5174 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:38 | 73.6101968 Winding up 7824 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:38 | 73.6102894 Winding up 10099 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:39 | 73.6104167 Rewinding | 5 | 23906 | 13.07 | 10.64 | 12.67 | 7.48 | 1163 | 955 | | | | | |
| 3/13/2016 14:39 | 73.6104167 Winding up 10649 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:39 | 73.6105440 Winding up 10025 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:39 | 73.6106713 Winding up 9100 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:39 | 73.6107639 Rewinding | 5 | 23906 | 12.23 | 9.49 | 11.92 | 7.4 | 1151 | 909 | | | | | |
| 3/13/2016 14:39 | 73.6107870 Winding up 8275 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:39 | 73.6108912 Winding up 7749 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:39 | 73.6109838 Winding up 7124 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:39 | 73.6110764 Winding up 6474 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6111111 Rewinding | 5 | 23906 | 11.4 | 8.36 | 11.17 | 7.37 | 1158 | 919 | | | | | |
| 3/13/2016 14:40 | 73.6111574 Winding up 5974 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6112384 Winding up 5400 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6113079 Winding up 5025 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6113773 Winding up 4674 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6114352 Winding up 4524 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6114583 Rewinding | 5 | 23906 | 10.57 | 7.37 | 10.42 | 7.37 | 1169 | 918 | | | | | |
| 3/13/2016 14:40 | 73.6114931 Winding up 4299 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6115509 Winding up 4099 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6116088 Winding up 3900 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6116551 Winding up 3725 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6117014 Winding up 3575 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6117477 Winding up 3325 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:40 | 73.6117940 Winding up 3075 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:41 | 73.6118056 Rewinding | 5 | 23906 | 9.76 | 6.38 | 9.67 | 7.68 | 1162 | 924 | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 14:41 | 73.6118403 Winding up 2799 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6118750 Winding up 2550 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6119097 Winding up 2424 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6119444 Winding up 2275 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6119792 Winding up 2125 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6120139 Winding up 2075 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6120486 Winding up 2074 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6120833 Winding up 2049 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6121181 Winding up 2100 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6121528 Rewinding | 5 | 23906 | 8.98 | 5.6 | 8.92 | 7.38 | 1149 | 926 |
| 3/13/2016 14:41 | 73.6121528 Winding up 2250 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6121875 Winding up 2425 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6122222 Winding up 2575 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6122569 Winding up 2750 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6122917 Winding up 2900 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6123264 Winding up 3050 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6123727 Winding up 3050 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6124190 Winding up 3125 ticks | 3 | | | | | | | |
| 3/13/2016 14:41 | 73.6124653 Winding up 3200 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6125000 Rewinding | 5 | 23906 | 8.27 | 4.63 | 8.17 | 7.35 | 1160 | 903 |
| 3/13/2016 14:42 | 73.6125116 Winding up 3225 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6125579 Winding up 3125 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6126042 Winding up 3100 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6126505 Winding up 3125 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6126968 Winding up 3200 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6127431 Winding up 3200 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6127894 Winding up 3250 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6128356 Winding up 3325 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6128472 Rewinding | 5 | 23906 | 7.53 | 3.66 | 7.42 | 7.7 | 1159 | 912 |
| 3/13/2016 14:42 | 73.6128819 Winding up 3425 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6129282 Winding up 3400 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6129745 Winding up 3425 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6130208 Winding up 3375 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6130671 Winding up 3275 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6131134 Winding up 3150 ticks | 3 | | | | | | | |
| 3/13/2016 14:42 | 73.6131597 Winding up 3025 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6131944 Rewinding | 5 | 23906 | 6.76 | 2.78 | 6.67 | 7.33 | 1160 | 883 |
| 3/13/2016 14:43 | 73.6132060 Winding up 2925 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6132407 Winding up 2825 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6132755 Winding up 2825 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6133102 Winding up 2675 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6133449 Winding up 2575 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6133796 Winding up 2425 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6134144 Winding up 2350 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6134491 Winding up 2200 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6134838 Winding up 2075 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6135185 Winding up 2000 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6135417 Rewinding | 5 | 23906 | 5.97 | 1.84 | 5.92 | 7.37 | 1157 | 898 |
| 3/13/2016 14:43 | 73.6135417 Winding up 1950 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6135764 Winding up 1825 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6135995 Winding up 1825 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6136227 Winding up 1725 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6136458 Winding up 1675 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6136690 Winding up 1675 ticks | 3 | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 14:43 | 73.6136921 Winding up 1575 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6137153 Winding up 1525 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6137384 Winding up 1499 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6137616 Winding up 1500 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6137847 Winding up 1500 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6138079 Winding up 1500 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6138310 Winding up 1499 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6138542 Winding up 1425 ticks | 3 | | | | | | | |
| 3/13/2016 14:43 | 73.6138773 Winding up 1450 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6138889 Rewinding | 5 | 23906 | 5.2 | 0.93 | 5.17 | 7.7 | 1160 | 888 |
| 3/13/2016 14:44 | 73.6139005 Winding up 1399 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6139236 Winding up 1424 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6139468 Winding up 1425 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6139699 Winding up 1450 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6139931 Winding up 1500 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6140162 Winding up 1599 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6140394 Winding up 1699 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6140625 Winding up 1800 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6140856 Winding up 1850 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6141088 Winding up 1900 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6141319 Winding up 1924 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6141551 Winding up 1999 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6141898 Winding up 1949 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6142130 Winding up 2049 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6142361 Rewinding | 5 | 23906 | 4.47 | 0.02 | 4.42 | 7.25 | 1150 | 905 |
| 3/13/2016 14:44 | 73.6142477 Winding up 2024 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6142824 Winding up 2000 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6143171 Winding up 1974 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6143519 Winding up 1974 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6143866 Winding up 1975 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6144213 Winding up 2025 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6144560 Winding up 2125 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6144907 Winding up 2250 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6145255 Winding up 2450 ticks | 3 | | | | | | | |
| 3/13/2016 14:44 | 73.6145602 Winding up 2650 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6145833 Rewinding | 5 | 23906 | 3.76 | -0.78 | 3.67 | 7.35 | 1158 | 883 |
| 3/13/2016 14:45 | 73.6145949 Winding up 2825 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6146296 Winding up 3025 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6146759 Winding up 3150 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6147222 Winding up 3175 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6147685 Winding up 3175 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6148148 Winding up 3125 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6148611 Winding up 3050 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6149074 Winding up 2875 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6149306 Rewinding | 5 | 23906 | 3.01 | -1.7 | 2.92 | 7.37 | 1155 | 876 |
| 3/13/2016 14:45 | 73.6149421 Winding up 2825 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6149769 Winding up 2725 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6150116 Winding up 2675 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6150463 Winding up 2500 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6150810 Winding up 2350 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6151157 Winding up 2175 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6151505 Winding up 1925 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6151736 Winding up 1850 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6151968 Winding up 1725 ticks | 3 | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 14:45 | 73.6152199 Winding up 1575 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6152431 Winding up 1450 ticks | 3 | | | | | | | |
| 3/13/2016 14:45 | 73.6152662 Winding up 1300 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6152778 Rewinding | 5 | 23906 | 2.19 | -2.64 | 2.17 | 7.67 | 1152 | 890 |
| 3/13/2016 14:46 | 73.6152894 Winding up 1250 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6153704 Winding up 1300 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6153935 Winding up 1575 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6154167 Winding up 1750 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6154398 Winding up 1975 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6154745 Winding up 2375 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6155093 Winding up 2775 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6155440 Winding up 3175 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6155903 Winding up 3750 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6156250 Rewinding | 5 | 23906 | 1.56 | -3.39 | 1.42 | 7.37 | 1154 | 890 |
| 3/13/2016 14:46 | 73.6156366 Winding up 4125 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6156944 Winding up 4400 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6157523 Winding up 4175 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6157639 Winding up 4175 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6157755 Winding up 4150 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6157870 Winding up 4125 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6157986 Winding up 4150 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6158102 Winding up 4225 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6158218 Winding up 4325 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6158333 Winding up 4400 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6158449 Winding up 4525 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6158565 Winding up 4650 ticks | 3 | | | | | | | |
| 3/13/2016 14:46 | 73.6158681 Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 3/13/2016 14:46 | 73.6158681 State 5 (FINISHED) | 5 | | | | | | | |

DPS5-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 12:00 | 72.5000000 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 12:00 | 72.5000000 | Waiting to start | 5 | battery 8.13V | | | | | | | | | | | |
| 3/12/2016 12:00 | 72.5003472 | Deploying | 2 | 30 | 0.93 | 0 | 0.02 | 8.13 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:01 | 72.5006944 | Deploying | 2 | 60 | 0.93 | 0 | 0.04 | 8.11 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:01 | 72.5010417 | Deploying | 2 | 90 | 0.93 | 0 | 0.06 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:02 | 72.5013889 | Deploying | 2 | 120 | 0.93 | 0 | 0.08 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:02 | 72.5017361 | Deploying | 2 | 150 | 0.93 | 0 | 0.09 | 8.11 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:03 | 72.5020833 | Deploying | 2 | 180 | 0.94 | 0 | 0.11 | 8.11 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:03 | 72.5024306 | Deploying | 2 | 210 | 0.93 | 0 | 0.13 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:04 | 72.5027778 | Deploying | 2 | 240 | 0.93 | 0 | 0.14 | 8.03 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:04 | 72.5031250 | Deploying | 2 | 270 | 0.93 | 0 | 0.16 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:05 | 72.5034722 | Deploying | 2 | 300 | 0.93 | 0 | 0.18 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:05 | 72.5038194 | Deploying | 2 | 330 | 0.93 | 0 | 0.19 | 8.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:06 | 72.5041667 | Deploying | 2 | 360 | 0.94 | 0 | 0.21 | 8.11 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:06 | 72.5045139 | Deploying | 2 | 390 | 0.93 | 0 | 0.23 | 8.11 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:07 | 72.5048611 | Deploying | 2 | 420 | 0.93 | 0 | 0.25 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:07 | 72.5052083 | Deploying | 2 | 450 | 0.93 | 0 | 0.26 | 8.11 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:08 | 72.5055556 | Deploying | 2 | 480 | 0.93 | 0 | 0.28 | 8.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:08 | 72.5059028 | Deploying | 2 | 510 | 0.93 | 0 | 0.3 | 8.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:09 | 72.5062500 | Deploying | 2 | 540 | 0.93 | 0 | 0.31 | 8.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:09 | 72.5065972 | Deploying | 2 | 570 | 0.94 | 0 | 0.33 | 8.13 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:10 | 72.5069444 | Deploying | 2 | 600 | 0.94 | 0 | 0.35 | 8.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:10 | 72.5072917 | Deploying | 2 | 630 | 0.93 | 0 | 0.36 | 8.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:11 | 72.5076389 | Deploying | 2 | 660 | 0.93 | 0 | 0.38 | 8.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:11 | 72.5079861 | Deploying | 2 | 690 | 0.94 | 0 | 0.4 | 8.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:12 | 72.5083333 | Deploying | 2 | 720 | 0.93 | 0 | 0.42 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:12 | 72.5086806 | Deploying | 2 | 750 | 0.93 | 0 | 0.43 | 8.1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 12:13 | 72.5090278 | Deploying | 2 | 780 | 0.93 | 0 | 0.45 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:13 | 72.5093750 | Deploying | 2 | 810 | 0.94 | 0 | 0.47 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:14 | 72.5097222 | Deploying | 2 | 840 | 0.94 | 0 | 0.48 | 8.08 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:14 | 72.5100694 | Deploying | 2 | 870 | 0.94 | 0 | 0.5 | 8.11 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:15 | 72.5104167 | Deploying | 2 | 900 | 0.93 | 0 | 0.52 | 8.13 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:15 | 72.5107639 | Deploying | 2 | 930 | 0.94 | 0 | 0.53 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:16 | 72.5111111 | Deploying | 2 | 960 | 0.93 | 0 | 0.55 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:16 | 72.5114583 | Deploying | 2 | 990 | 0.94 | 0 | 0.57 | 8.1 | 0 | 0 | 0 | -2 | 0 | 0 | 0 |
| 3/12/2016 12:17 | 72.5118056 | Deploying | 2 | 1020 | 0.93 | 0 | 0.59 | 8.11 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:17 | 72.5121528 | Deploying | 2 | 1050 | 0.94 | 0 | 0.6 | 8.11 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:18 | 72.5125000 | Deploying | 2 | 1080 | 0.94 | 0 | 0.62 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:18 | 72.5128472 | Deploying | 2 | 1110 | 0.94 | 0 | 0.64 | 8.08 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:19 | 72.5131944 | Deploying | 2 | 1140 | 0.93 | 0 | 0.65 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:19 | 72.5135417 | Deploying | 2 | 1170 | 0.94 | 0 | 0.67 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:20 | 72.5138889 | Deploying | 2 | 1200 | 0.93 | 0 | 0.69 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:20 | 72.5142361 | Deploying | 2 | 1230 | 0.93 | 0 | 0.7 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:21 | 72.5145833 | Deploying | 2 | 1260 | 0.93 | 0 | 0.72 | 8.08 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:21 | 72.5149306 | Deploying | 2 | 1290 | 0.93 | 0 | 0.74 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:22 | 72.5152778 | Deploying | 2 | 1320 | 0.93 | 0 | 0.76 | 8.11 | 0 | 0 | 0 | -2 | 0 | 0 | 0 |
| 3/12/2016 12:22 | 72.5156250 | Deploying | 2 | 1350 | 0.94 | 0 | 0.77 | 8.08 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 12:23 | 72.5159722 | Deploying | 2 | 1380 | 0.94 | 0 | 0.79 | 8.13 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 12:23 | 72.5163194 | Deploying | 2 | 1410 | 0.93 | 0 | 0.81 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:24 | 72.5166667 | Deploying | 2 | 1440 | 0.93 | 0 | 0.82 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:24 | 72.5170139 | Deploying | 2 | 1470 | 0.94 | 0 | 0.84 | 8.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:25 | 72.5173611 | Deploying | 2 | 1500 | 0.93 | 0 | 0.86 | 8.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:25 | 72.5177083 | Deploying | 2 | 1530 | 0.94 | 0 | 0.87 | 8.1 | 0 | 0 | 0 | 1 | -2 | 0 | -2 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 12:26 | 72.5180556 | Deploying | 2 | 1560 | 0.94 | 0 | 0.89 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:26 | 72.5184028 | Deploying | 2 | 1590 | 0.93 | 0 | 0.91 | 8.06 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:27 | 72.5187500 | Deploying | 2 | 1620 | 0.93 | 0 | 0.93 | 8.06 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:27 | 72.5190972 | Deploying | 2 | 1650 | 0.94 | 0 | 0.94 | 8.08 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:28 | 72.5194444 | Deploying | 2 | 1680 | 0.93 | 0 | 0.96 | 8.06 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:28 | 72.5197917 | Deploying | 2 | 1710 | 0.93 | 0 | 0.98 | 8.08 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:29 | 72.5201389 | Deploying | 2 | 1740 | 0.94 | 0 | 0.99 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:29 | 72.5202431 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:29 | 72.5204861 | Deploying | 2 | 1770 | 0.98 | 0.06 | 1.01 | 8.08 | 2190 | 1551 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:30 | 72.5208333 | Deploying | 2 | 1800 | 1 | 0.06 | 1.03 | 8.06 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:30 | 72.5211806 | Deploying | 2 | 1830 | 1 | 0.06 | 1.04 | 8.05 | 0 | 0 | 0 | 1 | -1 | 0 | -1 |
| 3/12/2016 12:30 | 72.5214931 | Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:31 | 72.5215278 | Deploying | 2 | 1860 | 1 | 0.12 | 1.06 | 8.08 | 2031 | 1533 | 0 | 1 | -2 | 0 | -2 |
| 3/12/2016 12:31 | 72.5218750 | Deploying | 2 | 1890 | 1.06 | 0.12 | 1.08 | 8.1 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 12:32 | 72.5222222 | Deploying | 2 | 1920 | 1.06 | 0.12 | 1.1 | 8.1 | 0 | 0 | 0 | 1 | -2 | 0 | -2 |
| 3/12/2016 12:32 | 72.5225694 | Deploying | 2 | 1950 | 1.06 | 0.12 | 1.11 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:32 | 72.5228472 | Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:33 | 72.5229167 | Deploying | 2 | 1980 | 1.08 | 0.18 | 1.13 | 8.1 | 2250 | 1574 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:33 | 72.5232639 | Deploying | 2 | 2010 | 1.14 | 0.18 | 1.15 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:34 | 72.5236111 | Deploying | 2 | 2040 | 1.14 | 0.18 | 1.16 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:34 | 72.5239583 | Deploying | 2 | 2070 | 1.14 | 0.18 | 1.18 | 8.08 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 12:35 | 72.5243056 | Deploying | 2 | 2100 | 1.14 | 0.18 | 1.2 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:35 | 72.5243171 | Winding down 1551 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:35 | 72.5246528 | Deploying | 2 | 2130 | 1.2 | 0.24 | 1.21 | 8.08 | 2070 | 1572 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:36 | 72.5250000 | Deploying | 2 | 2160 | 1.19 | 0.24 | 1.23 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:36 | 72.5253472 | Deploying | 2 | 2190 | 1.2 | 0.24 | 1.25 | 8.06 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:36 | 72.5256597 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:37 | 72.5256944 | Deploying | 2 | 2220 | 1.21 | 0.3 | 1.27 | 8.08 | 2277 | 1609 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:37 | 72.5260417 | Deploying | 2 | 2250 | 1.27 | 0.3 | 1.28 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:38 | 72.5263889 | Deploying | 2 | 2280 | 1.27 | 0.3 | 1.3 | 8.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:38 | 72.5267361 | Deploying | 2 | 2310 | 1.28 | 0.3 | 1.32 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:39 | 72.5270833 | Deploying | 2 | 2340 | 1.28 | 0.3 | 1.33 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:39 | 72.5271296 | Winding down 1394 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:39 | 72.5274306 | Deploying | 2 | 2370 | 1.32 | 0.35 | 1.35 | 8.05 | 2054 | 1552 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:40 | 72.5277778 | Deploying | 2 | 2400 | 1.33 | 0.35 | 1.37 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:40 | 72.5281250 | Deploying | 2 | 2430 | 1.33 | 0.35 | 1.38 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:40 | 72.5282060 | Winding down 1736 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:41 | 72.5284722 | Deploying | 2 | 2460 | 1.38 | 0.42 | 1.4 | 8.06 | 2200 | 1596 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:41 | 72.5288194 | Deploying | 2 | 2490 | 1.41 | 0.42 | 1.42 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:42 | 72.5291667 | Deploying | 2 | 2520 | 1.41 | 0.42 | 1.44 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:42 | 72.5295139 | Deploying | 2 | 2550 | 1.41 | 0.42 | 1.45 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:42 | 72.5298380 | Winding down 1459 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:43 | 72.5298611 | Deploying | 2 | 2580 | 1.42 | 0.47 | 1.47 | 8.02 | 2244 | 1609 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:43 | 72.5302083 | Deploying | 2 | 2610 | 1.48 | 0.47 | 1.49 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:44 | 72.5305556 | Deploying | 2 | 2640 | 1.46 | 0.47 | 1.5 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:44 | 72.5309028 | Deploying | 2 | 2670 | 1.46 | 0.47 | 1.52 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:44 | 72.5311458 | Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:45 | 72.5312500 | Deploying | 2 | 2700 | 1.49 | 0.53 | 1.54 | 8.06 | 2135 | 1604 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:45 | 72.5315972 | Deploying | 2 | 2730 | 1.54 | 0.53 | 1.55 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:46 | 72.5319444 | Deploying | 2 | 2760 | 1.55 | 0.53 | 1.57 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:46 | 72.5322917 | Deploying | 2 | 2790 | 1.55 | 0.53 | 1.59 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:47 | 72.5326389 | Deploying | 2 | 2820 | 1.54 | 0.53 | 1.61 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:47 | 72.5326968 | Winding down 1733 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:47 | 72.5329861 | Deploying | 2 | 2850 | 1.6 | 0.6 | 1.62 | 8.08 | 2135 | 1592 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/12/2016 12:48 | 72.5333333 | Deploying | 2 | 2880 | 1.63 | 0.6 | 1.64 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:48 | 72.5336806 | Deploying | 2 | 2910 | 1.62 | 0.6 | 1.66 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:49 | 72.5340278 | Deploying | 2 | 2940 | 1.63 | 0.6 | 1.67 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:49 | 72.5343403 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:49 | 72.5343750 | Deploying | 2 | 2970 | 1.64 | 0.66 | 1.69 | 8.06 | 2143 | 1578 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:50 | 72.5347222 | Deploying | 2 | 3000 | 1.68 | 0.66 | 1.71 | 8.1 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:50 | 72.5350694 | Deploying | 2 | 3030 | 1.69 | 0.66 | 1.72 | 8.06 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:51 | 72.5354167 | Deploying | 2 | 3060 | 1.69 | 0.66 | 1.74 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:51 | 72.5356366 | Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:51 | 72.5357639 | Deploying | 2 | 3090 | 1.72 | 0.71 | 1.76 | 8.08 | 2107 | 1588 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:52 | 72.5361111 | Deploying | 2 | 3120 | 1.76 | 0.71 | 1.78 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:52 | 72.5364583 | Deploying | 2 | 3150 | 1.75 | 0.71 | 1.79 | 8.06 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:53 | 72.5368056 | Deploying | 2 | 3180 | 1.76 | 0.71 | 1.81 | 8.05 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:53 | 72.5370139 | Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:53 | 72.5371528 | Deploying | 2 | 3210 | 1.78 | 0.77 | 1.83 | 8.02 | 2238 | 1609 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:54 | 72.5375000 | Deploying | 2 | 3240 | 1.83 | 0.77 | 1.84 | 8.06 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 12:54 | 72.5378472 | Deploying | 2 | 3270 | 1.83 | 0.77 | 1.86 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:55 | 72.5381944 | Deploying | 2 | 3300 | 1.83 | 0.77 | 1.88 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:55 | 72.5383796 | Winding down 1489 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:55 | 72.5385417 | Deploying | 2 | 3330 | 1.86 | 0.83 | 1.89 | 8.06 | 2254 | 1564 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:56 | 72.5388889 | Deploying | 2 | 3360 | 1.9 | 0.83 | 1.91 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:56 | 72.5392361 | Deploying | 2 | 3390 | 1.89 | 0.83 | 1.93 | 8.05 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:57 | 72.5395833 | Deploying | 2 | 3420 | 1.9 | 0.83 | 1.95 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:57 | 72.5399306 | Deploying | 2 | 3450 | 1.9 | 0.83 | 1.96 | 8.05 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 12:57 | 72.5400116 | Winding down 1661 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:58 | 72.5402778 | Deploying | 2 | 3480 | 1.96 | 0.89 | 1.98 | 8.06 | 2199 | 1594 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:58 | 72.5406250 | Deploying | 2 | 3510 | 1.97 | 0.89 | 2 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:59 | 72.5409722 | Deploying | 2 | 3540 | 1.97 | 0.89 | 2.01 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 12:59 | 72.5412847 | Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 12:59 | 72.5413194 | Deploying | 2 | 3570 | 1.98 | 0.95 | 2.03 | 8.08 | 2094 | 1573 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 13:00 | 72.5416667 | Deploying | 2 | 3600 | 2.04 | 0.95 | 2.05 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:00 | 72.5420139 | Deploying | 2 | 3630 | 2.04 | 0.95 | 2.06 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:01 | 72.5423611 | Deploying | 2 | 3660 | 2.04 | 0.95 | 2.08 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:01 | 72.5427083 | Deploying | 2 | 3690 | 2.03 | 0.95 | 2.1 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:01 | 72.5427315 | Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:02 | 72.5430556 | Deploying | 2 | 3720 | 2.11 | 1.02 | 2.12 | 8.03 | 2252 | 1606 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:02 | 72.5434028 | Deploying | 2 | 3750 | 2.11 | 1.02 | 2.13 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:03 | 72.5437500 | Deploying | 2 | 3780 | 2.12 | 1.02 | 2.15 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:03 | 72.5440972 | Deploying | 2 | 3810 | 2.12 | 1.02 | 2.17 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:03 | 72.5443866 | Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:04 | 72.5444444 | Deploying | 2 | 3840 | 2.13 | 1.08 | 2.18 | 8.06 | 2052 | 1557 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:04 | 72.5447917 | Deploying | 2 | 3870 | 2.18 | 1.08 | 2.2 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:05 | 72.5451389 | Deploying | 2 | 3900 | 2.19 | 1.08 | 2.22 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:05 | 72.5454861 | Deploying | 2 | 3930 | 2.19 | 1.08 | 2.23 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:06 | 72.5458333 | Deploying | 2 | 3960 | 2.19 | 1.08 | 2.25 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:06 | 72.5459259 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:06 | 72.5461806 | Deploying | 2 | 3990 | 2.22 | 1.14 | 2.27 | 8.02 | 2070 | 1557 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:06 | 72.5464352 | Winding down 1449 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:07 | 72.5465278 | Deploying | 2 | 4020 | 2.24 | 1.19 | 2.29 | 8.05 | 2049 | 1551 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:07 | 72.5468750 | Deploying | 2 | 4050 | 2.29 | 1.19 | 2.3 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:08 | 72.5472222 | Deploying | 2 | 4080 | 2.29 | 1.19 | 2.32 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:08 | 72.5475694 | Deploying | 2 | 4110 | 2.29 | 1.19 | 2.34 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:09 | 72.5479167 | Deploying | 2 | 4140 | 2.29 | 1.19 | 2.35 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:09 | 72.5479167 | Winding down 1637 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 13:09 | 72.5482639 Deploying | 2 | 4170 | 2.37 | 1.26 | 2.37 | 8.06 | 2073 | 1560 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:10 | 72.5486111 Deploying | 2 | 4200 | 2.38 | 1.26 | 2.39 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:10 | 72.5489583 Deploying | 2 | 4230 | 2.37 | 1.26 | 2.4 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:11 | 72.5493056 Deploying | 2 | 4260 | 2.36 | 1.26 | 2.42 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:11 | 72.5495023 Winding down 1578 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:11 | 72.5496528 Deploying | 2 | 4290 | 2.4 | 1.32 | 2.44 | 8.06 | 2245 | 1585 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:12 | 72.5500000 Deploying | 2 | 4320 | 2.43 | 1.32 | 2.46 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:12 | 72.5503472 Deploying | 2 | 4350 | 2.44 | 1.32 | 2.47 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:13 | 72.5506944 Deploying | 2 | 4380 | 2.44 | 1.32 | 2.49 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:13 | 72.5509954 Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:13 | 72.5510417 Deploying | 2 | 4410 | 2.45 | 1.38 | 2.51 | 8.05 | 2273 | 1627 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:14 | 72.5513889 Deploying | 2 | 4440 | 2.51 | 1.38 | 2.52 | 8.06 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 13:14 | 72.5517361 Deploying | 2 | 4470 | 2.51 | 1.38 | 2.54 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:15 | 72.5520833 Deploying | 2 | 4500 | 2.52 | 1.38 | 2.56 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:15 | 72.5524306 Deploying | 2 | 4530 | 2.52 | 1.38 | 2.57 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:15 | 72.5525116 Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:16 | 72.5527778 Deploying | 2 | 4560 | 2.58 | 1.44 | 2.59 | 8.08 | 2087 | 1560 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:16 | 72.5531250 Deploying | 2 | 4590 | 2.59 | 1.44 | 2.61 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:17 | 72.5534722 Deploying | 2 | 4620 | 2.59 | 1.44 | 2.63 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:17 | 72.5538194 Deploying | 2 | 4650 | 2.58 | 1.44 | 2.64 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:17 | 72.5540162 Winding down 1703 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:18 | 72.5541667 Deploying | 2 | 4680 | 2.62 | 1.51 | 2.66 | 8.05 | 2193 | 1564 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:18 | 72.5545139 Deploying | 2 | 4710 | 2.67 | 1.51 | 2.68 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:19 | 72.5548611 Deploying | 2 | 4740 | 2.66 | 1.51 | 2.69 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:19 | 72.5552083 Deploying | 2 | 4770 | 2.66 | 1.51 | 2.71 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:19 | 72.5553704 Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:20 | 72.5555556 Deploying | 2 | 4800 | 2.7 | 1.56 | 2.73 | 8.03 | 2114 | 1564 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:20 | 72.5559028 Deploying | 2 | 4830 | 2.73 | 1.56 | 2.74 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:21 | 72.5562500 Deploying | 2 | 4860 | 2.73 | 1.56 | 2.76 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:21 | 72.5565972 Deploying | 2 | 4890 | 2.73 | 1.56 | 2.78 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:21 | 72.5568287 Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:22 | 72.5569444 Deploying | 2 | 4920 | 2.76 | 1.61 | 2.8 | 8.03 | 2105 | 1590 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:22 | 72.5572917 Deploying | 2 | 4950 | 2.79 | 1.61 | 2.81 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:23 | 72.5576389 Deploying | 2 | 4980 | 2.78 | 1.61 | 2.83 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:23 | 72.5579861 Deploying | 2 | 5010 | 2.79 | 1.61 | 2.85 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:23 | 72.5581829 Winding down 1778 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:24 | 72.5583333 Deploying | 2 | 5040 | 2.82 | 1.68 | 2.86 | 8.05 | 2222 | 1580 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:24 | 72.5586806 Deploying | 2 | 5070 | 2.86 | 1.68 | 2.88 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:25 | 72.5590278 Deploying | 2 | 5100 | 2.88 | 1.68 | 2.9 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:25 | 72.5593750 Deploying | 2 | 5130 | 2.87 | 1.68 | 2.91 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:25 | 72.5596991 Winding down 1459 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:26 | 72.5597222 Deploying | 2 | 5160 | 2.88 | 1.74 | 2.93 | 7.97 | 2106 | 1592 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:26 | 72.5600694 Deploying | 2 | 5190 | 2.93 | 1.74 | 2.95 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:27 | 72.5604167 Deploying | 2 | 5220 | 2.93 | 1.74 | 2.97 | 8.06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:27 | 72.5607639 Deploying | 2 | 5250 | 2.94 | 1.74 | 2.98 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:28 | 72.5611111 Deploying | 2 | 5280 | 2.94 | 1.74 | 3 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:28 | 72.5611111 Winding down 1437 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:28 | 72.5614583 Deploying | 2 | 5310 | 3 | 1.79 | 3.02 | 8.05 | 2271 | 1597 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:29 | 72.5618056 Deploying | 2 | 5340 | 3 | 1.79 | 3.03 | 8.06 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 13:29 | 72.5621528 Deploying | 2 | 5370 | 3.01 | 1.79 | 3.05 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:30 | 72.5625000 Deploying | 2 | 5400 | 3.01 | 1.79 | 3.07 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:30 | 72.5625694 Winding down 1747 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:30 | 72.5628472 Deploying | 2 | 5430 | 3.06 | 1.86 | 3.08 | 8.02 | 2128 | 1629 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:31 | 72.5631944 Deploying | 2 | 5460 | 3.08 | 1.86 | 3.1 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value/Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/12/2016 13:31 | 72.5635417 Deploying | 2 | 5490 | 3.08 | 1.86 | 3.12 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:31 | 72.5638657 Winding down 1584 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:32 | 72.5638889 Deploying | 2 | 5520 | 3.08 | 1.92 | 3.14 | 7.98 | 2118 | 1603 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:32 | 72.5642361 Deploying | 2 | 5550 | 3.15 | 1.92 | 3.15 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:33 | 72.5645833 Deploying | 2 | 5580 | 3.15 | 1.92 | 3.17 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:33 | 72.5649306 Deploying | 2 | 5610 | 3.15 | 1.92 | 3.19 | 8.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:34 | 72.5652778 Deploying | 2 | 5640 | 3.15 | 1.92 | 3.2 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:34 | 72.5654745 Winding down 1778 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:34 | 72.5656250 Deploying | 2 | 5670 | 3.18 | 1.98 | 3.22 | 8.05 | 2093 | 1606 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:35 | 72.5659722 Deploying | 2 | 5700 | 3.23 | 1.98 | 3.24 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:35 | 72.5663194 Deploying | 2 | 5730 | 3.23 | 1.98 | 3.25 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:36 | 72.5666667 Deploying | 2 | 5760 | 3.23 | 1.98 | 3.27 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:36 | 72.5670139 Deploying | 2 | 5790 | 3.23 | 1.98 | 3.29 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:36 | 72.5670370 Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:37 | 72.5673611 Deploying | 2 | 5820 | 3.29 | 2.04 | 3.31 | 8.02 | 2134 | 1612 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:37 | 72.5677083 Deploying | 2 | 5850 | 3.29 | 2.04 | 3.32 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:38 | 72.5680556 Deploying | 2 | 5880 | 3.3 | 2.04 | 3.34 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:38 | 72.5684028 Deploying | 2 | 5910 | 3.29 | 2.04 | 3.36 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:38 | 72.5684954 Winding down 1900 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:39 | 72.5687500 Deploying | 2 | 5940 | 3.35 | 2.11 | 3.37 | 8.06 | 2122 | 1606 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:39 | 72.5690972 Deploying | 2 | 5970 | 3.38 | 2.11 | 3.39 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:40 | 72.5694444 Deploying | 2 | 6000 | 3.38 | 2.11 | 3.41 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:40 | 72.5697917 Deploying | 2 | 6030 | 3.38 | 2.11 | 3.42 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:41 | 72.5701389 Deploying | 2 | 6060 | 3.39 | 2.11 | 3.44 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:41 | 72.5701389 Winding down 1437 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:41 | 72.5704861 Deploying | 2 | 6090 | 3.45 | 2.16 | 3.46 | 8.05 | 2153 | 1618 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:42 | 72.5708333 Deploying | 2 | 6120 | 3.45 | 2.16 | 3.48 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:42 | 72.5711806 Deploying | 2 | 6150 | 3.44 | 2.16 | 3.49 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:42 | 72.5715046 Winding down 1634 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:43 | 72.5715278 Deploying | 2 | 6180 | 3.45 | 2.23 | 3.51 | 7.97 | 2142 | 1609 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:43 | 72.5718750 Deploying | 2 | 6210 | 3.52 | 2.23 | 3.53 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:44 | 72.5722222 Deploying | 2 | 6240 | 3.51 | 2.23 | 3.54 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:44 | 72.5725694 Deploying | 2 | 6270 | 3.52 | 2.23 | 3.56 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:45 | 72.5729167 Deploying | 2 | 6300 | 3.53 | 2.23 | 3.58 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:45 | 72.5731134 Winding down 1653 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:45 | 72.5732639 Deploying | 2 | 6330 | 3.55 | 2.29 | 3.59 | 8.05 | 2260 | 1601 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:46 | 72.5736111 Deploying | 2 | 6360 | 3.6 | 2.29 | 3.61 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:46 | 72.5739583 Deploying | 2 | 6390 | 3.59 | 2.29 | 3.63 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:47 | 72.5743056 Deploying | 2 | 6420 | 3.59 | 2.29 | 3.65 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:47 | 72.5744329 Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:47 | 72.5746528 Deploying | 2 | 6450 | 3.64 | 2.35 | 3.66 | 8.03 | 2212 | 1614 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:48 | 72.5750000 Deploying | 2 | 6480 | 3.67 | 2.35 | 3.68 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:48 | 72.5753472 Deploying | 2 | 6510 | 3.67 | 2.35 | 3.7 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:49 | 72.5756944 Deploying | 2 | 6540 | 3.66 | 2.35 | 3.71 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:49 | 72.5759028 Winding down 1417 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:49 | 72.5760417 Deploying | 2 | 6570 | 3.69 | 2.4 | 3.73 | 8.02 | 2130 | 1610 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:50 | 72.5763889 Deploying | 2 | 6600 | 3.73 | 2.4 | 3.75 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:50 | 72.5767361 Deploying | 2 | 6630 | 3.73 | 2.4 | 3.76 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:51 | 72.5770833 Deploying | 2 | 6660 | 3.74 | 2.4 | 3.78 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:51 | 72.5774306 Deploying | 2 | 6690 | 3.73 | 2.4 | 3.8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:51 | 72.5775116 Winding down 1661 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:52 | 72.5777778 Deploying | 2 | 6720 | 3.79 | 2.46 | 3.82 | 8.03 | 2099 | 1593 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:52 | 72.5781250 Deploying | 2 | 6750 | 3.81 | 2.46 | 3.83 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:53 | 72.5784722 Deploying | 2 | 6780 | 3.81 | 2.46 | 3.85 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 13:53 | 72.5787616 Winding down 1441 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:53 | 72.5788194 Deploying | 2 | 6810 | 3.82 | 2.52 | 3.87 | 8.02 | 2256 | 1621 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:54 | 72.5791667 Deploying | 2 | 6840 | 3.88 | 2.52 | 3.88 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:54 | 72.5795139 Deploying | 2 | 6870 | 3.88 | 2.52 | 3.9 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:55 | 72.5798611 Deploying | 2 | 6900 | 3.87 | 2.52 | 3.92 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:55 | 72.5801736 Winding down 1470 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:55 | 72.5802083 Deploying | 2 | 6930 | 3.88 | 2.57 | 3.93 | 8.05 | 2253 | 1599 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:56 | 72.5805556 Deploying | 2 | 6960 | 3.94 | 2.57 | 3.95 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:56 | 72.5809028 Deploying | 2 | 6990 | 3.93 | 2.57 | 3.97 | 8 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 13:57 | 72.5812500 Deploying | 2 | 7020 | 3.94 | 2.57 | 3.99 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:57 | 72.5815625 Winding down 1495 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:57 | 72.5815972 Deploying | 2 | 7050 | 3.95 | 2.63 | 4 | 8.03 | 2124 | 1606 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 13:58 | 72.5819444 Deploying | 2 | 7080 | 3.99 | 2.63 | 4.02 | 8.03 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 13:58 | 72.5822917 Deploying | 2 | 7110 | 4 | 2.63 | 4.04 | 8.02 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 13:59 | 72.5826389 Deploying | 2 | 7140 | 4 | 2.63 | 4.05 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 13:59 | 72.5829282 Winding down 1766 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 13:59 | 72.5829861 Deploying | 2 | 7170 | 4.01 | 2.7 | 4.07 | 8 | 2113 | 1590 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 14:00 | 72.5833333 Deploying | 2 | 7200 | 4.07 | 2.7 | 4.09 | 8.02 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 14:00 | 72.5836806 Deploying | 2 | 7230 | 4.08 | 2.7 | 4.1 | 8 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 14:01 | 72.5840278 Deploying | 2 | 7260 | 4.08 | 2.7 | 4.12 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:01 | 72.5843750 Deploying | 2 | 7290 | 4.09 | 2.7 | 4.14 | 8.03 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:01 | 72.5846875 Winding down 1695 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 14:02 | 72.5847222 Deploying | 2 | 7320 | 4.09 | 2.76 | 4.16 | 8.02 | 2122 | 1586 | 0 | -1 | -1 | -1 | -1 |
| 3/12/2016 14:02 | 72.5850694 Deploying | 2 | 7350 | 4.16 | 2.76 | 4.17 | 8.03 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 14:03 | 72.5854167 Deploying | 2 | 7380 | 4.16 | 2.76 | 4.19 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:03 | 72.5857639 Deploying | 2 | 7410 | 4.15 | 2.76 | 4.21 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:03 | 72.5859375 Winding down 1550 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 14:04 | 72.5861111 Deploying | 2 | 7440 | 4.18 | 2.82 | 4.22 | 8.02 | 2114 | 1592 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:04 | 72.5864583 Deploying | 2 | 7470 | 4.23 | 2.82 | 4.24 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:05 | 72.5868056 Deploying | 2 | 7500 | 4.23 | 2.82 | 4.26 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:05 | 72.5871528 Deploying | 2 | 7530 | 4.23 | 2.82 | 4.27 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:05 | 72.5873958 Winding down 1585 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 14:06 | 72.5875000 Deploying | 2 | 7560 | 4.25 | 2.88 | 4.29 | 8 | 2103 | 1574 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:06 | 72.5878472 Deploying | 2 | 7590 | 4.29 | 2.88 | 4.31 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:07 | 72.5881944 Deploying | 2 | 7620 | 4.3 | 2.88 | 4.33 | 8 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:07 | 72.5885417 Deploying | 2 | 7650 | 4.3 | 2.88 | 4.34 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:08 | 72.5888889 Deploying | 2 | 7680 | 4.29 | 2.88 | 4.36 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:08 | 72.5889120 Winding down 1815 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 14:08 | 72.5892361 Deploying | 2 | 7710 | 4.37 | 2.95 | 4.38 | 8.02 | 2265 | 1616 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:09 | 72.5895833 Deploying | 2 | 7740 | 4.38 | 2.95 | 4.39 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:09 | 72.5899306 Deploying | 2 | 7770 | 4.39 | 2.95 | 4.41 | 8.02 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:10 | 72.5902778 Deploying | 2 | 7800 | 4.38 | 2.95 | 4.43 | 7.98 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:10 | 72.5905903 Winding down 1545 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 14:10 | 72.5906250 Deploying | 2 | 7830 | 4.39 | 3.01 | 4.44 | 8 | 2103 | 1593 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:11 | 72.5909722 Deploying | 2 | 7860 | 4.44 | 3.01 | 4.46 | 8.02 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:11 | 72.5913194 Deploying | 2 | 7890 | 4.45 | 3.01 | 4.48 | 8.02 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:12 | 72.5916667 Deploying | 2 | 7920 | 4.45 | 3.01 | 4.5 | 8.02 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:12 | 72.5920139 Deploying | 2 | 7950 | 4.45 | 3.01 | 4.51 | 8 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 14:12 | 72.5920370 Winding down 1665 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 14:13 | 72.5923611 Deploying | 2 | 7980 | 4.51 | 3.07 | 4.53 | 8.03 | 2118 | 1579 | 0 | -1 | -1 | -1 | -1 |
| 3/12/2016 14:13 | 72.5927083 Deploying | 2 | 8010 | 4.53 | 3.07 | 4.55 | 8 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:14 | 72.5930556 Deploying | 2 | 8040 | 4.53 | 3.07 | 4.56 | 8 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 14:14 | 72.5934028 Deploying | 2 | 8070 | 4.52 | 3.07 | 4.58 | 8.03 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 14:14 | 72.5934375 Winding down 1555 ticks | | 3 | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:15 | 72.5937500 Deploying | 2 | 8100 | 4.59 | 3.13 | 4.6 | 8 | 2099 | 1597 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 14:15 | 72.5940972 Deploying | 2 | 8130 | 4.59 | 3.13 | 4.61 | 8 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:16 | 72.5944444 Deploying | 2 | 8160 | 4.6 | 3.13 | 4.63 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:16 | 72.5947917 Deploying | 2 | 8190 | 4.59 | 3.13 | 4.65 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:16 | 72.5950116 Winding down 1581 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:17 | 72.5951389 Deploying | 2 | 8220 | 4.62 | 3.19 | 4.67 | 8 | 2149 | 1632 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:17 | 72.5954861 Deploying | 2 | 8250 | 4.66 | 3.19 | 4.68 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:18 | 72.5958333 Deploying | 2 | 8280 | 4.66 | 3.19 | 4.7 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:18 | 72.5961806 Deploying | 2 | 8310 | 4.66 | 3.19 | 4.72 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:18 | 72.5963194 Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:19 | 72.5965278 Deploying | 2 | 8340 | 4.7 | 3.25 | 4.73 | 8 | 2155 | 1627 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:19 | 72.5968750 Deploying | 2 | 8370 | 4.73 | 3.25 | 4.75 | 8.02 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 14:20 | 72.5972222 Deploying | 2 | 8400 | 4.74 | 3.25 | 4.77 | 7.98 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:20 | 72.5975694 Deploying | 2 | 8430 | 4.75 | 3.25 | 4.78 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:21 | 72.5979167 Deploying | 2 | 8460 | 4.74 | 3.25 | 4.8 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:21 | 72.5979282 Winding down 1551 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:21 | 72.5982639 Deploying | 2 | 8490 | 4.8 | 3.31 | 4.82 | 8 | 2137 | 1606 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:22 | 72.5986111 Deploying | 2 | 8520 | 4.78 | 3.31 | 4.84 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:22 | 72.5988079 Winding down 1278 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:22 | 72.5989583 Deploying | 2 | 8550 | 4.82 | 3.36 | 4.85 | 8.02 | 2090 | 1597 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:23 | 72.5993056 Deploying | 2 | 8580 | 4.85 | 3.36 | 4.87 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:23 | 72.5996528 Deploying | 2 | 8610 | 4.86 | 3.36 | 4.89 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:24 | 72.6000000 Deploying | 2 | 8640 | 4.86 | 3.36 | 4.9 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:24 | 72.6003472 Deploying | 2 | 8670 | 4.85 | 3.36 | 4.92 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:24 | 72.6003472 Winding down 1712 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:25 | 72.6006944 Deploying | 2 | 8700 | 4.95 | 3.42 | 4.94 | 8 | 2239 | 1611 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:25 | 72.6010417 Deploying | 2 | 8730 | 4.94 | 3.42 | 4.95 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:26 | 72.6013889 Deploying | 2 | 8760 | 4.94 | 3.42 | 4.97 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:26 | 72.6017361 Deploying | 2 | 8790 | 4.94 | 3.42 | 4.99 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:26 | 72.6018750 Winding down 1432 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:27 | 72.6020833 Deploying | 2 | 8820 | 4.97 | 3.48 | 5.01 | 7.98 | 2090 | 1604 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:27 | 72.6024306 Deploying | 2 | 8850 | 5 | 3.48 | 5.02 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:28 | 72.6027778 Deploying | 2 | 8880 | 4.99 | 3.48 | 5.04 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:28 | 72.6029282 Winding down 1371 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:28 | 72.6031250 Deploying | 2 | 8910 | 5.03 | 3.53 | 5.06 | 8 | 2139 | 1606 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:29 | 72.6034722 Deploying | 2 | 8940 | 5.07 | 3.53 | 5.07 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:29 | 72.6038194 Deploying | 2 | 8970 | 5.07 | 3.53 | 5.09 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:30 | 72.6041667 Deploying | 2 | 9000 | 5.07 | 3.53 | 5.11 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:30 | 72.6045139 Deploying | 2 | 9030 | 5.06 | 3.53 | 5.12 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:30 | 72.6046644 Winding down 1796 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:31 | 72.6048611 Deploying | 2 | 9060 | 5.1 | 3.6 | 5.14 | 7.98 | 2138 | 1625 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:31 | 72.6052083 Deploying | 2 | 9090 | 5.14 | 3.6 | 5.16 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:32 | 72.6055556 Deploying | 2 | 9120 | 5.14 | 3.6 | 5.18 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:32 | 72.6059028 Deploying | 2 | 9150 | 5.14 | 3.6 | 5.19 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:32 | 72.6060880 Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:33 | 72.6062500 Deploying | 2 | 9180 | 5.17 | 3.66 | 5.21 | 8.02 | 2171 | 1618 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:33 | 72.6065972 Deploying | 2 | 9210 | 5.22 | 3.66 | 5.23 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:34 | 72.6069444 Deploying | 2 | 9240 | 5.22 | 3.66 | 5.24 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:34 | 72.6072917 Deploying | 2 | 9270 | 5.21 | 3.66 | 5.26 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:34 | 72.6075463 Winding down 1599 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:35 | 72.6076389 Deploying | 2 | 9300 | 5.23 | 3.72 | 5.28 | 8 | 2180 | 1595 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:35 | 72.6079861 Deploying | 2 | 9330 | 5.27 | 3.72 | 5.29 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:36 | 72.6083333 Deploying | 2 | 9360 | 5.28 | 3.72 | 5.31 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:36 | 72.6086806 Deploying | 2 | 9390 | 5.28 | 3.72 | 5.33 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:36 | 72.6090162 | Winding down 1623 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:37 | 72.6090278 | Deploying | 2 | 9420 | 5.28 | 3.78 | 5.35 | 8 | 2164 | 1584 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:37 | 72.6093750 | Deploying | 2 | 9450 | 5.36 | 3.78 | 5.36 | 8 | 2164 | 55 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:38 | 72.6097222 | Deploying | 2 | 9480 | 5.35 | 3.78 | 5.38 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:38 | 72.6100694 | Deploying | 2 | 9510 | 5.36 | 3.78 | 5.4 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:39 | 72.6104167 | Deploying | 2 | 9540 | 5.35 | 3.78 | 5.41 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:39 | 72.6104514 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:39 | 72.6107639 | Deploying | 2 | 9570 | 5.41 | 3.84 | 5.43 | 7.98 | 2244 | 1643 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:40 | 72.6111111 | Deploying | 2 | 9600 | 5.43 | 3.84 | 5.45 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:40 | 72.6114583 | Deploying | 2 | 9630 | 5.43 | 3.84 | 5.46 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:41 | 72.6118056 | Deploying | 2 | 9660 | 5.44 | 3.84 | 5.48 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:41 | 72.6121528 | Deploying | 2 | 9690 | 5.44 | 3.84 | 5.5 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:41 | 72.6121991 | Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:42 | 72.6125000 | Deploying | 2 | 9720 | 5.5 | 3.91 | 5.52 | 7.98 | 2146 | 1631 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:42 | 72.6128472 | Deploying | 2 | 9750 | 5.5 | 3.91 | 5.53 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:43 | 72.6131944 | Deploying | 2 | 9780 | 5.5 | 3.91 | 5.55 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:43 | 72.6133681 | Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:43 | 72.6135417 | Deploying | 2 | 9810 | 5.53 | 3.96 | 5.57 | 7.97 | 2211 | 1609 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:44 | 72.6138889 | Deploying | 2 | 9840 | 5.57 | 3.96 | 5.58 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:44 | 72.6142361 | Deploying | 2 | 9870 | 5.57 | 3.96 | 5.6 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:45 | 72.6145833 | Deploying | 2 | 9900 | 5.57 | 3.96 | 5.62 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:45 | 72.6147222 | Winding down 1457 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:45 | 72.6149306 | Deploying | 2 | 9930 | 5.61 | 4.02 | 5.63 | 7.95 | 2136 | 1598 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:46 | 72.6152778 | Deploying | 2 | 9960 | 5.63 | 4.02 | 5.65 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:46 | 72.6156250 | Deploying | 2 | 9990 | 5.62 | 4.02 | 5.67 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:47 | 72.6159722 | Deploying | 2 | 10020 | 5.65 | 4.02 | 5.69 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:47 | 72.6163194 | Deploying | 2 | 10050 | 5.63 | 4.02 | 5.7 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:47 | 72.6164352 | Winding down 1829 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:48 | 72.6166667 | Deploying | 2 | 10080 | 5.7 | 4.09 | 5.72 | 8 | 2184 | 1614 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:48 | 72.6170139 | Deploying | 2 | 10110 | 5.72 | 4.09 | 5.74 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:49 | 72.6173611 | Deploying | 2 | 10140 | 5.72 | 4.09 | 5.75 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:49 | 72.6177083 | Deploying | 2 | 10170 | 5.72 | 4.09 | 5.77 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:50 | 72.6180556 | Deploying | 2 | 10200 | 5.73 | 4.09 | 5.79 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:50 | 72.6180787 | Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:50 | 72.6184028 | Deploying | 2 | 10230 | 5.78 | 4.15 | 5.8 | 7.97 | 2086 | 1587 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:51 | 72.6187500 | Deploying | 2 | 10260 | 5.78 | 4.15 | 5.82 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:51 | 72.6190972 | Deploying | 2 | 10290 | 5.78 | 4.15 | 5.84 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:51 | 72.6192361 | Winding down 1757 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:52 | 72.6194444 | Deploying | 2 | 10320 | 5.82 | 4.21 | 5.86 | 7.98 | 2107 | 1607 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:52 | 72.6197917 | Deploying | 2 | 10350 | 5.86 | 4.21 | 5.87 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:53 | 72.6201389 | Deploying | 2 | 10380 | 5.86 | 4.21 | 5.89 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:53 | 72.6204861 | Deploying | 2 | 10410 | 5.85 | 4.21 | 5.91 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:53 | 72.6206713 | Winding down 1714 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:54 | 72.6208333 | Deploying | 2 | 10440 | 5.89 | 4.28 | 5.92 | 8 | 2124 | 1605 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:54 | 72.6211806 | Deploying | 2 | 10470 | 5.93 | 4.28 | 5.94 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:55 | 72.6215278 | Deploying | 2 | 10500 | 5.93 | 4.28 | 5.96 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:55 | 72.6218750 | Deploying | 2 | 10530 | 5.93 | 4.28 | 5.97 | 7.98 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:56 | 72.6222222 | Deploying | 2 | 10560 | 5.93 | 4.28 | 5.99 | 7.97 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 14:56 | 72.6222569 | Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:56 | 72.6225694 | Deploying | 2 | 10590 | 5.99 | 4.34 | 6.01 | 7.98 | 2263 | 1640 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:57 | 72.6229167 | Deploying | 2 | 10620 | 6 | 4.34 | 6.03 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:57 | 72.6232639 | Deploying | 2 | 10650 | 6 | 4.34 | 6.04 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:58 | 72.6236111 | Deploying | 2 | 10680 | 6.01 | 4.34 | 6.06 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:58 | 72.6237269 | Winding down 1579 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:58 | 72.6239583 | Deploying | 2 | 10710 | 6.04 | 4.4 | 6.08 | 7.98 | 2119 | 1588 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:59 | 72.6243056 | Deploying | 2 | 10740 | 6.08 | 4.4 | 6.09 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 14:59 | 72.6246528 | Deploying | 2 | 10770 | 6.07 | 4.4 | 6.11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:00 | 72.6250000 | Deploying | 2 | 10800 | 6.07 | 4.4 | 6.13 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:00 | 72.6250463 | Winding down 1444 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:00 | 72.6253472 | Deploying | 2 | 10830 | 6.13 | 4.45 | 6.14 | 7.97 | 2138 | 1610 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:01 | 72.6256944 | Deploying | 2 | 10860 | 6.14 | 4.45 | 6.16 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:01 | 72.6260417 | Deploying | 2 | 10890 | 6.14 | 4.45 | 6.18 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:02 | 72.6263889 | Deploying | 2 | 10920 | 6.16 | 4.45 | 6.2 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:02 | 72.6267361 | Deploying | 2 | 10950 | 6.14 | 4.45 | 6.21 | 7.97 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 15:02 | 72.6267940 | Winding down 1933 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:03 | 72.6270833 | Deploying | 2 | 10980 | 6.21 | 4.53 | 6.23 | 7.95 | 2266 | 1637 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 15:03 | 72.6274306 | Deploying | 2 | 11010 | 6.24 | 4.53 | 6.25 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:04 | 72.6277778 | Deploying | 2 | 11040 | 6.24 | 4.53 | 6.26 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:04 | 72.6281250 | Deploying | 2 | 11070 | 6.23 | 4.53 | 6.28 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:04 | 72.6283681 | Winding down 1260 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:05 | 72.6284722 | Deploying | 2 | 11100 | 6.27 | 4.58 | 6.3 | 7.97 | 2199 | 1562 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:05 | 72.6288194 | Deploying | 2 | 11130 | 6.3 | 4.58 | 6.31 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:06 | 72.6291667 | Deploying | 2 | 11160 | 6.3 | 4.58 | 6.33 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:06 | 72.6295139 | Deploying | 2 | 11190 | 6.31 | 4.58 | 6.35 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:07 | 72.6298611 | Deploying | 2 | 11220 | 6.29 | 4.58 | 6.37 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 15:07 | 72.6300000 | Winding down 2132 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:07 | 72.6302083 | Deploying | 2 | 11250 | 6.34 | 4.66 | 6.38 | 8.02 | 2278 | 1639 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:08 | 72.6305556 | Deploying | 2 | 11280 | 6.38 | 4.66 | 6.4 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:08 | 72.6309028 | Deploying | 2 | 11310 | 6.39 | 4.66 | 6.42 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:09 | 72.6312500 | Deploying | 2 | 11340 | 6.37 | 4.66 | 6.43 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:09 | 72.6313426 | Winding down 1825 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:09 | 72.6315972 | Deploying | 2 | 11370 | 6.43 | 4.73 | 6.45 | 7.97 | 2226 | 1630 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:10 | 72.6319444 | Deploying | 2 | 11400 | 6.47 | 4.73 | 6.47 | 7.97 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 15:10 | 72.6322917 | Deploying | 2 | 11430 | 6.47 | 4.73 | 6.48 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:11 | 72.6326389 | Deploying | 2 | 11460 | 6.47 | 4.73 | 6.5 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:11 | 72.6329861 | Deploying | 2 | 11490 | 6.47 | 4.73 | 6.52 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:12 | 72.6333333 | Deploying | 2 | 11520 | 6.47 | 4.73 | 6.54 | 7.97 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 15:12 | 72.6334259 | Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:12 | 72.6336806 | Deploying | 2 | 11550 | 6.52 | 4.79 | 6.55 | 7.95 | 2212 | 1627 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 15:13 | 72.6340278 | Deploying | 2 | 11580 | 6.54 | 4.79 | 6.57 | 7.97 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 15:13 | 72.6343750 | Deploying | 2 | 11610 | 6.55 | 4.79 | 6.59 | 7.98 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 15:14 | 72.6347222 | Deploying | 2 | 11640 | 6.53 | 4.79 | 6.6 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:14 | 72.6347454 | Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:14 | 72.6350694 | Deploying | 2 | 11670 | 6.61 | 4.86 | 6.62 | 7.97 | 2146 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:15 | 72.6354167 | Deploying | 2 | 11700 | 6.62 | 4.86 | 6.64 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:15 | 72.6357639 | Deploying | 2 | 11730 | 6.61 | 4.86 | 6.65 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:16 | 72.6361111 | Deploying | 2 | 11760 | 6.61 | 4.86 | 6.67 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:16 | 72.6361458 | Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:16 | 72.6364583 | Deploying | 2 | 11790 | 6.66 | 4.92 | 6.69 | 7.95 | 2283 | 1653 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:17 | 72.6368056 | Deploying | 2 | 11820 | 6.69 | 4.92 | 6.71 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:17 | 72.6371528 | Deploying | 2 | 11850 | 6.69 | 4.92 | 6.72 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:18 | 72.6375000 | Deploying | 2 | 11880 | 6.69 | 4.92 | 6.74 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:18 | 72.6378356 | Winding down 1848 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:18 | 72.6378472 | Deploying | 2 | 11910 | 6.69 | 4.99 | 6.76 | 7.94 | 2264 | 1641 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:19 | 72.6381944 | Deploying | 2 | 11940 | 6.76 | 4.99 | 6.77 | 7.95 | 2264 | 58 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:19 | 72.6385417 | Deploying | 2 | 11970 | 6.78 | 4.99 | 6.79 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:20 | 72.6388889 | Deploying | 2 | 12000 | 6.77 | 4.99 | 6.81 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 15:20 | 72.6392361 | Deploying | 2 | 12030 | 6.78 | 4.99 | 6.82 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

| Date/Time | Status | State | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 15:20 | 72.6392940 Winding down 1383 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:21 | 72.6395833 Deploying | 2 | 12060 | 6.82 | 5.04 | 6.84 | 7.97 | 2270 | 1613 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:21 | 72.6399306 Deploying | 2 | 12090 | 6.83 | 5.04 | 6.86 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:22 | 72.6402778 Deploying | 2 | 12120 | 6.83 | 5.04 | 6.88 | 7.97 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 15:22 | 72.6406250 Deploying | 2 | 12150 | 6.84 | 5.04 | 6.89 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 15:22 | 72.6407176 Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:23 | 72.6409722 Deploying | 2 | 12180 | 6.89 | 5.1 | 6.91 | 7.97 | 2136 | 1630 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 15:23 | 72.6413194 Deploying | 2 | 12210 | 6.91 | 5.1 | 6.93 | 7.95 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 15:24 | 72.6416667 Deploying | 2 | 12240 | 6.91 | 5.1 | 6.94 | 7.97 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 15:24 | 72.6420139 Deploying | 2 | 12270 | 6.9 | 5.1 | 6.96 | 7.95 | 0 | 0 | 0 | -2 | 1 | 0 | 1 |
| 3/12/2016 15:24 | 72.6422454 Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/12/2016 15:24 | 72.6422454 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/12/2016 15:24 | 72.6422801 Winding up 1849 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:24 | 72.6423032 Winding up 2999 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:24 | 72.6423495 Winding up 5149 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:25 | 72.6423611 Rewinding | 5 | 12290 | 6.85 | 4.72 | 6.65 | 7.97 | 1128 | 819 | | | | | |
| 3/12/2016 15:25 | 72.6424190 Winding up 7949 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:25 | 72.6425116 Winding up 10300 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:25 | 72.6426389 Winding up 10749 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:25 | 72.6427083 Rewinding | 5 | 12290 | 6.29 | 3.61 | 5.9 | 7.63 | 1150 | 889 | | | | | |
| 3/12/2016 15:25 | 72.6427662 Winding up 9399 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:25 | 72.6428819 Winding up 7675 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:25 | 72.6429745 Winding up 5700 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:25 | 72.6430440 Winding up 4525 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6430556 Rewinding | 5 | 12290 | 5.3 | 2.58 | 5.15 | 7.9 | 1140 | 871 | | | | | |
| 3/12/2016 15:26 | 72.6431019 Winding up 3550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6431481 Winding up 2775 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6431829 Winding up 2300 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6432176 Winding up 1874 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6432407 Winding up 1675 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6432870 Winding up 1375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6433102 Winding up 1400 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6434028 Rewinding | 5 | 12290 | 4.42 | 2.01 | 4.4 | 7.9 | 1142 | 858 | | | | | |
| 3/12/2016 15:26 | 72.6434144 Winding up 1324 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6434375 Winding up 1450 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6434606 Winding up 1725 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6434838 Winding up 2000 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6435185 Winding up 2375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6435532 Winding up 2750 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6435880 Winding up 3150 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6436343 Winding up 3825 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6436806 Winding up 4200 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6437384 Winding up 4300 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:27 | 72.6437500 Rewinding | 5 | 12290 | 3.8 | 0.98 | 3.65 | 7.89 | 1146 | 874 | | | | | |
| 3/12/2016 15:27 | 72.6437963 Winding up 4100 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:27 | 72.6438542 Winding up 3750 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:27 | 72.6439005 Winding up 3375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:27 | 72.6439468 Winding up 2900 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:27 | 72.6439815 Winding up 2550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:27 | 72.6440162 Winding up 2150 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:27 | 72.6440509 Winding up 1750 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:27 | 72.6440741 Winding up 1975 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:27 | 72.6440972 Rewinding | 5 | 12290 | 2.95 | 0.13 | 2.9 | 7.62 | 1132 | 836 | | | | | |
| 3/12/2016 15:27 | 72.6440972 Winding up 1875 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 15:27 | 72.6441204 Winding up 1525 ticks | 3 | | | | | | | |
| 3/12/2016 15:27 | 72.6441435 Winding up 1300 ticks | 3 | | | | | | | |
| 3/12/2016 15:27 | 72.6442824 Winding up 1325 ticks | 3 | | | | | | | |
| 3/12/2016 15:27 | 72.6443056 Winding up 1600 ticks | 3 | | | | | | | |
| 3/12/2016 15:27 | 72.6443287 Winding up 1925 ticks | 3 | | | | | | | |
| 3/12/2016 15:27 | 72.6443519 Winding up 2250 ticks | 3 | | | | | | | |
| 3/12/2016 15:27 | 72.6443866 Winding up 2799 ticks | 3 | | | | | | | |
| 3/12/2016 15:27 | 72.6444213 Winding up 2975 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6444444 Rewinding | 5 | 12290 | 2.26 | -0.53 | 2.15 | 7.62 | 1141 | 878 |
| 3/12/2016 15:28 | 72.6444676 Winding up 3700 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6445139 Winding up 4425 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6445718 Winding up 4900 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6446296 Winding up 4225 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6446875 Winding up 3725 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6447338 Winding up 3200 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6447801 Winding up 2725 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6447917 Rewinding | 5 | 12290 | 1.48 | -1.54 | 1.4 | 7.89 | 1143 | 870 |
| 3/12/2016 15:28 | 72.6448148 Winding up 2300 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6448495 Winding up 1900 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6448611 Winding up 1775 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6448727 Winding up 1700 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6448843 Winding up 1625 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6448958 Winding up 1575 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6449074 Winding up 1625 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6449190 Winding up 1600 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6449306 Winding up 1625 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6449421 Winding up 1925 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6449537 Winding up 2225 ticks | 3 | | | | | | | |
| 3/12/2016 15:28 | 72.6449653 Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 3/12/2016 15:28 | 72.6449653 State 5 (FINISHED) | 5 | | | | | | | |

DPS5-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:59 | 72.9993056 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 23:59 | 72.9996528 | Deploying | 2 | 30 | 0.9 | 0 | 0.02 | 8 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:00 | 73.0000000 | Deploying | 2 | 60 | 0.89 | 0 | 0.04 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 0:00 | 73.0003472 | Deploying | 2 | 90 | 0.9 | 0 | 0.06 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:01 | 73.0006944 | Deploying | 2 | 120 | 0.89 | 0 | 0.08 | 8 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:01 | 73.0010417 | Deploying | 2 | 150 | 0.9 | 0 | 0.09 | 7.98 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:02 | 73.0013889 | Deploying | 2 | 180 | 0.89 | 0 | 0.11 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:02 | 73.0017361 | Deploying | 2 | 210 | 0.89 | 0 | 0.13 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:03 | 73.0020833 | Deploying | 2 | 240 | 0.89 | 0 | 0.14 | 8 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:03 | 73.0024306 | Deploying | 2 | 270 | 0.89 | 0 | 0.16 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:04 | 73.0027778 | Deploying | 2 | 300 | 0.89 | 0 | 0.18 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:04 | 73.0031250 | Deploying | 2 | 330 | 0.89 | 0 | 0.19 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:05 | 73.0034722 | Deploying | 2 | 360 | 0.89 | 0 | 0.21 | 8.02 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:05 | 73.0038194 | Deploying | 2 | 390 | 0.89 | 0 | 0.23 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:06 | 73.0041667 | Deploying | 2 | 420 | 0.88 | 0 | 0.25 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:06 | 73.0045139 | Deploying | 2 | 450 | 0.88 | 0 | 0.26 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:07 | 73.0048611 | Deploying | 2 | 480 | 0.89 | 0 | 0.28 | 8.02 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:07 | 73.0052083 | Deploying | 2 | 510 | 0.89 | 0 | 0.3 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:08 | 73.0055556 | Deploying | 2 | 540 | 0.89 | 0 | 0.31 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:08 | 73.0059028 | Deploying | 2 | 570 | 0.89 | 0 | 0.33 | 8.02 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:09 | 73.0062500 | Deploying | 2 | 600 | 0.89 | 0 | 0.35 | 8 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:09 | 73.0065972 | Deploying | 2 | 630 | 0.89 | 0 | 0.36 | 8.02 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:10 | 73.0069444 | Deploying | 2 | 660 | 0.89 | 0 | 0.38 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:10 | 73.0072917 | Deploying | 2 | 690 | 0.9 | 0 | 0.4 | 8.03 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:11 | 73.0076389 | Deploying | 2 | 720 | 0.9 | 0 | 0.42 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:11 | 73.0079861 | Deploying | 2 | 750 | 0.9 | 0 | 0.43 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:12 | 73.0083333 | Deploying | 2 | 780 | 0.9 | 0 | 0.45 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:12 | 73.0086806 | Deploying | 2 | 810 | 0.9 | 0 | 0.47 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:13 | 73.0090278 | Deploying | 2 | 840 | 0.89 | 0 | 0.48 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:13 | 73.0093750 | Deploying | 2 | 870 | 0.9 | 0 | 0.5 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:14 | 73.0097222 | Deploying | 2 | 900 | 0.88 | 0 | 0.52 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:14 | 73.0100694 | Deploying | 2 | 930 | 0.89 | 0 | 0.53 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:15 | 73.0104167 | Deploying | 2 | 960 | 0.89 | 0 | 0.55 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:15 | 73.0107639 | Deploying | 2 | 990 | 0.88 | 0 | 0.57 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:16 | 73.0111111 | Deploying | 2 | 1020 | 0.89 | 0 | 0.59 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:16 | 73.0114583 | Deploying | 2 | 1050 | 0.89 | 0 | 0.6 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:17 | 73.0118056 | Deploying | 2 | 1080 | 0.89 | 0 | 0.62 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:17 | 73.0121528 | Deploying | 2 | 1110 | 0.88 | 0 | 0.64 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:18 | 73.0125000 | Deploying | 2 | 1140 | 0.9 | 0 | 0.65 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:18 | 73.0128472 | Deploying | 2 | 1170 | 0.89 | 0 | 0.67 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:19 | 73.0131944 | Deploying | 2 | 1200 | 0.89 | 0 | 0.69 | 8.03 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:19 | 73.0135417 | Deploying | 2 | 1230 | 0.9 | 0 | 0.7 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:20 | 73.0138889 | Deploying | 2 | 1260 | 0.89 | 0 | 0.72 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:20 | 73.0142361 | Deploying | 2 | 1290 | 0.9 | 0 | 0.74 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:21 | 73.0145833 | Deploying | 2 | 1320 | 0.89 | 0 | 0.76 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:21 | 73.0149306 | Deploying | 2 | 1350 | 0.9 | 0 | 0.77 | 7.97 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:22 | 73.0152778 | Deploying | 2 | 1380 | 0.9 | 0 | 0.79 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:22 | 73.0156250 | Deploying | 2 | 1410 | 0.89 | 0 | 0.81 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:23 | 73.0159722 | Deploying | 2 | 1440 | 0.89 | 0 | 0.82 | 7.95 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:23 | 73.0163194 | Deploying | 2 | 1470 | 0.89 | 0 | 0.84 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:24 | 73.0166667 | Deploying | 2 | 1500 | 0.89 | 0 | 0.86 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:24 | 73.0170139 | Deploying | 2 | 1530 | 0.89 | 0 | 0.87 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:25 | 73.0173611 | Deploying | 2 | 1560 | 0.89 | 0 | 0.89 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |

| Date | Value | Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:25 | 73.0177083 Deploying | | 2 | 1590 | 0.89 | 0 | 0.91 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:26 | 73.0180556 Deploying | | 2 | 1620 | 0.89 | 0 | 0.93 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:26 | 73.0184028 Deploying | | 2 | 1650 | 0.89 | 0 | 0.94 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:26 | 73.0187037 Winding down 1755 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:27 | 73.0187500 Deploying | | 2 | 1680 | 0.89 | 0.07 | 0.96 | 7.98 | 2197 | 1541 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:27 | 73.0190972 Deploying | | 2 | 1710 | 0.96 | 0.07 | 0.98 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:28 | 73.0194444 Deploying | | 2 | 1740 | 0.96 | 0.07 | 0.99 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:28 | 73.0197917 Deploying | | 2 | 1770 | 0.97 | 0.07 | 1.01 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:28 | 73.0201042 Winding down 1720 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:29 | 73.0201389 Deploying | | 2 | 1800 | 0.97 | 0.13 | 1.03 | 7.98 | 2247 | 1589 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:29 | 73.0204861 Deploying | | 2 | 1830 | 1.04 | 0.13 | 1.04 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:30 | 73.0208333 Deploying | | 2 | 1860 | 1.04 | 0.13 | 1.06 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:30 | 73.0211806 Deploying | | 2 | 1890 | 1.05 | 0.13 | 1.08 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:31 | 73.0215278 Deploying | | 2 | 1920 | 1.04 | 0.13 | 1.1 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:31 | 73.0217130 Winding down 1764 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:31 | 73.0218750 Deploying | | 2 | 1950 | 1.07 | 0.2 | 1.11 | 8 | 2130 | 1575 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:32 | 73.0222222 Deploying | | 2 | 1980 | 1.12 | 0.2 | 1.13 | 7.97 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:32 | 73.0225694 Deploying | | 2 | 2010 | 1.12 | 0.2 | 1.15 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:33 | 73.0229167 Deploying | | 2 | 2040 | 1.11 | 0.2 | 1.16 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:33 | 73.0230787 Winding down 1460 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:33 | 73.0232639 Deploying | | 2 | 2070 | 1.15 | 0.25 | 1.18 | 7.97 | 2123 | 1596 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:34 | 73.0236111 Deploying | | 2 | 2100 | 1.18 | 0.25 | 1.2 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:34 | 73.0239583 Deploying | | 2 | 2130 | 1.18 | 0.25 | 1.21 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:35 | 73.0243056 Deploying | | 2 | 2160 | 1.18 | 0.25 | 1.23 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:35 | 73.0246065 Winding down 1655 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:35 | 73.0246528 Deploying | | 2 | 2190 | 1.19 | 0.32 | 1.25 | 7.97 | 2113 | 1588 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:36 | 73.0250000 Deploying | | 2 | 2220 | 1.25 | 0.32 | 1.27 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:36 | 73.0253472 Deploying | | 2 | 2250 | 1.25 | 0.32 | 1.28 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:37 | 73.0256944 Deploying | | 2 | 2280 | 1.25 | 0.32 | 1.3 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:37 | 73.0259606 Winding down 1613 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:37 | 73.0260417 Deploying | | 2 | 2310 | 1.27 | 0.38 | 1.32 | 7.98 | 2243 | 1614 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:38 | 73.0263889 Deploying | | 2 | 2340 | 1.31 | 0.38 | 1.33 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:38 | 73.0267361 Deploying | | 2 | 2370 | 1.32 | 0.38 | 1.35 | 8 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:39 | 73.0270833 Deploying | | 2 | 2400 | 1.31 | 0.38 | 1.37 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:39 | 73.0272801 Winding down 1728 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:39 | 73.0274306 Deploying | | 2 | 2430 | 1.35 | 0.44 | 1.38 | 7.97 | 2282 | 1621 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:40 | 73.0277778 Deploying | | 2 | 2460 | 1.38 | 0.44 | 1.4 | 8.02 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:40 | 73.0281250 Deploying | | 2 | 2490 | 1.39 | 0.44 | 1.42 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:41 | 73.0284722 Deploying | | 2 | 2520 | 1.39 | 0.44 | 1.44 | 7.97 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:41 | 73.0288194 Deploying | | 2 | 2550 | 1.4 | 0.44 | 1.45 | 7.98 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:41 | 73.0288773 Winding down 1483 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:42 | 73.0291667 Deploying | | 2 | 2580 | 1.45 | 0.5 | 1.47 | 7.97 | 2135 | 1591 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:42 | 73.0295139 Deploying | | 2 | 2610 | 1.45 | 0.5 | 1.49 | 7.95 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:43 | 73.0298611 Deploying | | 2 | 2640 | 1.46 | 0.5 | 1.5 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:43 | 73.0302083 Deploying | | 2 | 2670 | 1.45 | 0.5 | 1.52 | 7.98 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:43 | 73.0302199 Winding down 1776 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:44 | 73.0305556 Deploying | | 2 | 2700 | 1.53 | 0.56 | 1.54 | 7.97 | 2294 | 1614 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:44 | 73.0309028 Deploying | | 2 | 2730 | 1.53 | 0.56 | 1.55 | 7.98 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:45 | 73.0312500 Deploying | | 2 | 2760 | 1.53 | 0.56 | 1.57 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:45 | 73.0315972 Deploying | | 2 | 2790 | 1.53 | 0.56 | 1.59 | 7.98 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:45 | 73.0318403 Winding down 1860 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 0:46 | 73.0319444 Deploying | | 2 | 2820 | 1.55 | 0.63 | 1.61 | 7.97 | 2271 | 1622 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:46 | 73.0322917 Deploying | | 2 | 2850 | 1.61 | 0.63 | 1.62 | 8 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:47 | 73.0326389 Deploying | | 2 | 2880 | 1.62 | 0.63 | 1.64 | 7.98 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:47 | 73.0329861 Deploying | 2 | 2910 | 1.62 | 0.63 | 1.66 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:48 | 73.0333333 Deploying | 2 | 2940 | 1.64 | 0.63 | 1.67 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:48 | 73.0336690 Winding down 1723 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:48 | 73.0336806 Deploying | 2 | 2970 | 1.62 | 0.7 | 1.69 | 7.97 | 2130 | 1606 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:49 | 73.0340278 Deploying | 2 | 3000 | 1.69 | 0.7 | 1.71 | 7.98 | 2130 | 76 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:49 | 73.0343750 Deploying | 2 | 3030 | 1.69 | 0.7 | 1.72 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:50 | 73.0347222 Deploying | 2 | 3060 | 1.69 | 0.7 | 1.74 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:50 | 73.0349537 Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:50 | 73.0350694 Deploying | 2 | 3090 | 1.72 | 0.76 | 1.76 | 7.95 | 2088 | 1599 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:51 | 73.0354167 Deploying | 2 | 3120 | 1.76 | 0.76 | 1.78 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:51 | 73.0357639 Deploying | 2 | 3150 | 1.76 | 0.76 | 1.79 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:52 | 73.0361111 Deploying | 2 | 3180 | 1.76 | 0.76 | 1.81 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:52 | 73.0363079 Winding down 1328 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:52 | 73.0364583 Deploying | 2 | 3210 | 1.79 | 0.81 | 1.83 | 7.95 | 2126 | 1595 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:53 | 73.0368056 Deploying | 2 | 3240 | 1.81 | 0.81 | 1.84 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:53 | 73.0371528 Deploying | 2 | 3270 | 1.82 | 0.81 | 1.86 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:54 | 73.0375000 Deploying | 2 | 3300 | 1.82 | 0.81 | 1.88 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:54 | 73.0377431 Winding down 1985 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:54 | 73.0378472 Deploying | 2 | 3330 | 1.84 | 0.89 | 1.89 | 7.98 | 2269 | 1629 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:55 | 73.0381944 Deploying | 2 | 3360 | 1.9 | 0.89 | 1.91 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:55 | 73.0385417 Deploying | 2 | 3390 | 1.91 | 0.89 | 1.93 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:56 | 73.0388889 Deploying | 2 | 3420 | 1.91 | 0.89 | 1.95 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:56 | 73.0392361 Deploying | 2 | 3450 | 1.9 | 0.89 | 1.96 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:56 | 73.0392593 Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:57 | 73.0395833 Deploying | 2 | 3480 | 1.97 | 0.95 | 1.98 | 7.95 | 2115 | 1614 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 0:57 | 73.0399306 Deploying | 2 | 3510 | 1.97 | 0.95 | 2 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 0:58 | 73.0402778 Deploying | 2 | 3540 | 1.97 | 0.95 | 2.01 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:58 | 73.0406250 Deploying | 2 | 3570 | 1.96 | 0.95 | 2.03 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:58 | 73.0406481 Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:59 | 73.0409722 Deploying | 2 | 3600 | 2.04 | 1.01 | 2.05 | 7.98 | 2096 | 1579 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 0:59 | 73.0413194 Deploying | 2 | 3630 | 2.04 | 1.01 | 2.06 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:00 | 73.0416667 Deploying | 2 | 3660 | 2.04 | 1.01 | 2.08 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:00 | 73.0420139 Deploying | 2 | 3690 | 2.05 | 1.01 | 2.1 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:00 | 73.0420949 Winding down 1286 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:01 | 73.0423611 Deploying | 2 | 3720 | 2.09 | 1.06 | 2.12 | 7.95 | 2277 | 1623 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:01 | 73.0427083 Deploying | 2 | 3750 | 2.1 | 1.06 | 2.13 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:02 | 73.0430556 Deploying | 2 | 3780 | 2.11 | 1.06 | 2.15 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:02 | 73.0434028 Deploying | 2 | 3810 | 2.11 | 1.06 | 2.17 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:02 | 73.0435069 Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:03 | 73.0437500 Deploying | 2 | 3840 | 2.15 | 1.12 | 2.18 | 7.98 | 2210 | 1595 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:03 | 73.0440972 Deploying | 2 | 3870 | 2.16 | 1.12 | 2.2 | 7.95 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:04 | 73.0444444 Deploying | 2 | 3900 | 2.16 | 1.12 | 2.22 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:04 | 73.0445023 Winding down 1583 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:04 | 73.0447917 Deploying | 2 | 3930 | 2.23 | 1.18 | 2.23 | 7.95 | 2258 | 1608 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:05 | 73.0451389 Deploying | 2 | 3960 | 2.23 | 1.18 | 2.25 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:05 | 73.0454861 Deploying | 2 | 3990 | 2.24 | 1.18 | 2.27 | 7.98 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:06 | 73.0458333 Deploying | 2 | 4020 | 2.24 | 1.18 | 2.29 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:06 | 73.0460301 Winding down 1503 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:06 | 73.0461806 Deploying | 2 | 4050 | 2.27 | 1.23 | 2.3 | 7.94 | 2288 | 1604 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:07 | 73.0465278 Deploying | 2 | 4080 | 2.3 | 1.23 | 2.32 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:07 | 73.0468750 Deploying | 2 | 4110 | 2.29 | 1.23 | 2.34 | 7.95 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:08 | 73.0472222 Deploying | 2 | 4140 | 2.3 | 1.23 | 2.35 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:08 | 73.0473380 Winding down 1654 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:08 | 73.0475694 Deploying | 2 | 4170 | 2.34 | 1.3 | 2.37 | 7.95 | 2144 | 1596 | 0 | -3 | -4 | -3 | -4 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:09 | 73.0479167 Deploying | 2 | 4200 | 2.38 | 1.3 | 2.39 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:09 | 73.0482639 Deploying | 2 | 4230 | 2.37 | 1.3 | 2.4 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:10 | 73.0486111 Deploying | 2 | 4260 | 2.37 | 1.3 | 2.42 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:10 | 73.0488542 Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:10 | 73.0489583 Deploying | 2 | 4290 | 2.39 | 1.36 | 2.44 | 7.95 | 2122 | 1613 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:11 | 73.0493056 Deploying | 2 | 4320 | 2.44 | 1.36 | 2.46 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:11 | 73.0496528 Deploying | 2 | 4350 | 2.43 | 1.36 | 2.47 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:12 | 73.0500000 Deploying | 2 | 4380 | 2.43 | 1.36 | 2.49 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:12 | 73.0500463 Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:12 | 73.0503472 Deploying | 2 | 4410 | 2.49 | 1.42 | 2.51 | 7.95 | 2145 | 1596 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:13 | 73.0506944 Deploying | 2 | 4440 | 2.5 | 1.42 | 2.52 | 7.97 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:13 | 73.0510417 Deploying | 2 | 4470 | 2.51 | 1.42 | 2.54 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:14 | 73.0513889 Deploying | 2 | 4500 | 2.5 | 1.42 | 2.56 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:14 | 73.0515162 Winding down 1443 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:14 | 73.0517361 Deploying | 2 | 4530 | 2.55 | 1.47 | 2.57 | 7.95 | 2277 | 1603 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:15 | 73.0520833 Deploying | 2 | 4560 | 2.58 | 1.47 | 2.59 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:15 | 73.0524306 Deploying | 2 | 4590 | 2.57 | 1.47 | 2.61 | 7.98 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:16 | 73.0527778 Deploying | 2 | 4620 | 2.57 | 1.47 | 2.63 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:16 | 73.0530093 Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:16 | 73.0531250 Deploying | 2 | 4650 | 2.59 | 1.54 | 2.64 | 7.95 | 2282 | 1630 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:17 | 73.0534722 Deploying | 2 | 4680 | 2.64 | 1.54 | 2.66 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:17 | 73.0538194 Deploying | 2 | 4710 | 2.64 | 1.54 | 2.68 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:18 | 73.0541667 Deploying | 2 | 4740 | 2.64 | 1.54 | 2.69 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:18 | 73.0543287 Winding down 1485 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:18 | 73.0545139 Deploying | 2 | 4770 | 2.68 | 1.59 | 2.71 | 7.97 | 2256 | 1624 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:19 | 73.0548611 Deploying | 2 | 4800 | 2.7 | 1.59 | 2.73 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:19 | 73.0552083 Deploying | 2 | 4830 | 2.7 | 1.59 | 2.74 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:20 | 73.0555556 Deploying | 2 | 4860 | 2.71 | 1.59 | 2.76 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:20 | 73.0557407 Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:20 | 73.0559028 Deploying | 2 | 4890 | 2.74 | 1.65 | 2.78 | 7.95 | 2139 | 1594 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:21 | 73.0562500 Deploying | 2 | 4920 | 2.76 | 1.65 | 2.8 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:21 | 73.0565972 Deploying | 2 | 4950 | 2.77 | 1.65 | 2.81 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:21 | 73.0569213 Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:22 | 73.0569444 Deploying | 2 | 4980 | 2.77 | 1.71 | 2.83 | 7.84 | 2116 | 1611 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:22 | 73.0572917 Deploying | 2 | 5010 | 2.83 | 1.71 | 2.85 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:23 | 73.0576389 Deploying | 2 | 5040 | 2.84 | 1.71 | 2.86 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:23 | 73.0579861 Deploying | 2 | 5070 | 2.84 | 1.71 | 2.88 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:23 | 73.0582986 Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:24 | 73.0583333 Deploying | 2 | 5100 | 2.85 | 1.76 | 2.9 | 7.97 | 2284 | 1628 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:24 | 73.0586806 Deploying | 2 | 5130 | 2.9 | 1.76 | 2.91 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:25 | 73.0590278 Deploying | 2 | 5160 | 2.9 | 1.76 | 2.93 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:25 | 73.0593750 Deploying | 2 | 5190 | 2.9 | 1.76 | 2.95 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:26 | 73.0597222 Deploying | 2 | 5220 | 2.9 | 1.76 | 2.97 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:26 | 73.0597685 Winding down 1719 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:26 | 73.0600694 Deploying | 2 | 5250 | 2.96 | 1.83 | 2.98 | 7.97 | 2156 | 1606 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:27 | 73.0604167 Deploying | 2 | 5280 | 2.97 | 1.83 | 3 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:27 | 73.0607639 Deploying | 2 | 5310 | 2.98 | 1.83 | 3.02 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:28 | 73.0611111 Deploying | 2 | 5340 | 2.98 | 1.83 | 3.03 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:28 | 73.0611574 Winding down 1594 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:28 | 73.0614583 Deploying | 2 | 5370 | 3.04 | 1.89 | 3.05 | 7.98 | 2209 | 1613 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:29 | 73.0618056 Deploying | 2 | 5400 | 3.04 | 1.89 | 3.07 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:29 | 73.0621528 Deploying | 2 | 5430 | 3.04 | 1.89 | 3.08 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:30 | 73.0625000 Deploying | 2 | 5460 | 3.05 | 1.89 | 3.1 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:30 | 73.0627199 Winding down 1831 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:30 | 73.0628472 | Deploying | 2 | 5490 | 3.07 | 1.96 | 3.12 | 7.92 | 2259 | 1613 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:31 | 73.0631944 | Deploying | 2 | 5520 | 3.12 | 1.96 | 3.14 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:31 | 73.0635417 | Deploying | 2 | 5550 | 3.12 | 1.96 | 3.15 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:32 | 73.0638889 | Deploying | 2 | 5580 | 3.1 | 1.96 | 3.17 | 7.95 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:32 | 73.0640162 | Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:32 | 73.0642361 | Deploying | 2 | 5610 | 3.16 | 2.02 | 3.19 | 7.94 | 2152 | 1613 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:33 | 73.0645833 | Deploying | 2 | 5640 | 3.19 | 2.02 | 3.2 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:33 | 73.0649306 | Deploying | 2 | 5670 | 3.19 | 2.02 | 3.22 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:34 | 73.0652778 | Deploying | 2 | 5700 | 3.2 | 2.02 | 3.24 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:34 | 73.0656250 | Deploying | 2 | 5730 | 3.19 | 2.02 | 3.25 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:34 | 73.0657407 | Winding down 1879 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:35 | 73.0659722 | Deploying | 2 | 5760 | 3.23 | 2.09 | 3.27 | 7.94 | 2281 | 1620 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:35 | 73.0663194 | Deploying | 2 | 5790 | 3.27 | 2.09 | 3.29 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:36 | 73.0666667 | Deploying | 2 | 5820 | 3.28 | 2.09 | 3.31 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:36 | 73.0670139 | Deploying | 2 | 5850 | 3.27 | 2.09 | 3.32 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:36 | 73.0671412 | Winding down 1443 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0673611 | Deploying | 2 | 5880 | 3.31 | 2.15 | 3.34 | 7.94 | 2110 | 1589 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:37 | 73.0677083 | Deploying | 2 | 5910 | 3.33 | 2.15 | 3.36 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:38 | 73.0680556 | Deploying | 2 | 5940 | 3.34 | 2.15 | 3.37 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:38 | 73.0684028 | Deploying | 2 | 5970 | 3.34 | 2.15 | 3.39 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:38 | 73.0686227 | Winding down 1706 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:39 | 73.0687500 | Deploying | 2 | 6000 | 3.36 | 2.21 | 3.41 | 7.94 | 2065 | 1592 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:39 | 73.0690972 | Deploying | 2 | 6030 | 3.39 | 2.21 | 3.42 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:40 | 73.0694444 | Deploying | 2 | 6060 | 3.4 | 2.21 | 3.44 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:40 | 73.0697917 | Deploying | 2 | 6090 | 3.4 | 2.21 | 3.46 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:40 | 73.0698958 | Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:41 | 73.0701389 | Deploying | 2 | 6120 | 3.45 | 2.28 | 3.48 | 7.95 | 2121 | 1624 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:41 | 73.0704861 | Deploying | 2 | 6150 | 3.49 | 2.28 | 3.49 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:42 | 73.0708333 | Deploying | 2 | 6180 | 3.49 | 2.28 | 3.51 | 7.95 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:42 | 73.0711806 | Deploying | 2 | 6210 | 3.48 | 2.28 | 3.53 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:43 | 73.0715278 | Deploying | 2 | 6240 | 3.48 | 2.28 | 3.54 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:43 | 73.0715394 | Winding down 1676 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:43 | 73.0718750 | Deploying | 2 | 6270 | 3.54 | 2.34 | 3.56 | 7.97 | 2263 | 1610 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:44 | 73.0722222 | Deploying | 2 | 6300 | 3.55 | 2.34 | 3.58 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:44 | 73.0725694 | Deploying | 2 | 6330 | 3.55 | 2.34 | 3.59 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:44 | 73.0728009 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:45 | 73.0729167 | Deploying | 2 | 6360 | 3.57 | 2.39 | 3.61 | 7.95 | 2239 | 1604 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:45 | 73.0732639 | Deploying | 2 | 6390 | 3.61 | 2.39 | 3.63 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:46 | 73.0736111 | Deploying | 2 | 6420 | 3.6 | 2.39 | 3.65 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:46 | 73.0739583 | Deploying | 2 | 6450 | 3.62 | 2.39 | 3.66 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:46 | 73.0741782 | Winding down 1381 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:47 | 73.0743056 | Deploying | 2 | 6480 | 3.64 | 2.45 | 3.68 | 7.94 | 2270 | 1627 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:47 | 73.0746528 | Deploying | 2 | 6510 | 3.67 | 2.45 | 3.7 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:48 | 73.0750000 | Deploying | 2 | 6540 | 3.67 | 2.45 | 3.71 | 7.98 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:48 | 73.0753472 | Deploying | 2 | 6570 | 3.68 | 2.45 | 3.73 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:48 | 73.0754398 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:49 | 73.0756944 | Deploying | 2 | 6600 | 3.72 | 2.51 | 3.75 | 7.94 | 2124 | 1630 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:49 | 73.0760417 | Deploying | 2 | 6630 | 3.74 | 2.51 | 3.76 | 7.92 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:50 | 73.0763889 | Deploying | 2 | 6660 | 3.75 | 2.51 | 3.78 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:50 | 73.0767361 | Deploying | 2 | 6690 | 3.73 | 2.51 | 3.8 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:50 | 73.0769097 | Winding down 2250 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:51 | 73.0770833 | Deploying | 2 | 6720 | 3.78 | 2.6 | 3.82 | 7.95 | 2117 | 1586 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:51 | 73.0774306 | Deploying | 2 | 6750 | 3.84 | 2.6 | 3.83 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:52 | 73.0777778 | Deploying | 2 | 6780 | 3.84 | 2.6 | 3.85 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:52 | 73.0781250 | Deploying | 2 | 6810 | 3.83 | 2.6 | 3.87 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:53 | 73.0784722 | Deploying | 2 | 6840 | 3.84 | 2.6 | 3.88 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:53 | 73.0787847 | Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:53 | 73.0788194 | Deploying | 2 | 6870 | 3.84 | 2.66 | 3.9 | 7.95 | 2106 | 1599 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 1:54 | 73.0791667 | Deploying | 2 | 6900 | 3.91 | 2.66 | 3.92 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:54 | 73.0795139 | Deploying | 2 | 6930 | 3.9 | 2.66 | 3.93 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:55 | 73.0798611 | Deploying | 2 | 6960 | 3.91 | 2.66 | 3.95 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 1:55 | 73.0802083 | Deploying | 2 | 6990 | 3.91 | 2.66 | 3.97 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:55 | 73.0803125 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:56 | 73.0805556 | Deploying | 2 | 7020 | 3.96 | 2.72 | 3.99 | 7.94 | 2192 | 1613 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:56 | 73.0809028 | Deploying | 2 | 7050 | 3.98 | 2.72 | 4 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:57 | 73.0812500 | Deploying | 2 | 7080 | 3.97 | 2.72 | 4.02 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 1:57 | 73.0815972 | Deploying | 2 | 7110 | 3.99 | 2.72 | 4.04 | 7.92 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 1:57 | 73.0818750 | Winding down 1702 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:58 | 73.0819444 | Deploying | 2 | 7140 | 4 | 2.79 | 4.05 | 7.94 | 2279 | 1633 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:58 | 73.0822917 | Deploying | 2 | 7170 | 4.05 | 2.79 | 4.07 | 7.94 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 1:59 | 73.0826389 | Deploying | 2 | 7200 | 4.06 | 2.79 | 4.09 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 1:59 | 73.0829861 | Deploying | 2 | 7230 | 4.06 | 2.79 | 4.1 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:00 | 73.0833333 | Deploying | 2 | 7260 | 4.06 | 2.79 | 4.12 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:00 | 73.0833912 | Winding down 1858 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:00 | 73.0836806 | Deploying | 2 | 7290 | 4.12 | 2.86 | 4.14 | 7.92 | 2271 | 1639 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:01 | 73.0840278 | Deploying | 2 | 7320 | 4.14 | 2.86 | 4.16 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:01 | 73.0843750 | Deploying | 2 | 7350 | 4.14 | 2.86 | 4.17 | 7.97 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:02 | 73.0847222 | Deploying | 2 | 7380 | 4.13 | 2.86 | 4.19 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:02 | 73.0848843 | Winding down 1435 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:02 | 73.0850694 | Deploying | 2 | 7410 | 4.18 | 2.91 | 4.21 | 7.94 | 2126 | 1607 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:03 | 73.0854167 | Deploying | 2 | 7440 | 4.19 | 2.91 | 4.22 | 7.92 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:03 | 73.0857639 | Deploying | 2 | 7470 | 4.19 | 2.91 | 4.24 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:03 | 73.0860764 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:04 | 73.0861111 | Deploying | 2 | 7500 | 4.2 | 2.97 | 4.26 | 7.94 | 2155 | 1612 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:04 | 73.0864583 | Deploying | 2 | 7530 | 4.26 | 2.97 | 4.27 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:05 | 73.0868056 | Deploying | 2 | 7560 | 4.28 | 2.97 | 4.29 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:05 | 73.0871528 | Deploying | 2 | 7590 | 4.27 | 2.97 | 4.31 | 7.95 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 2:06 | 73.0875000 | Deploying | 2 | 7620 | 4.26 | 2.97 | 4.33 | 7.95 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:06 | 73.0875579 | Winding down 1758 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:06 | 73.0878472 | Deploying | 2 | 7650 | 4.32 | 3.04 | 4.34 | 7.95 | 2295 | 1618 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:07 | 73.0881944 | Deploying | 2 | 7680 | 4.34 | 3.04 | 4.36 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:07 | 73.0885417 | Deploying | 2 | 7710 | 4.34 | 3.04 | 4.38 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:08 | 73.0888889 | Deploying | 2 | 7740 | 4.33 | 3.04 | 4.39 | 7.9 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:08 | 73.0890046 | Winding down 1854 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:08 | 73.0892361 | Deploying | 2 | 7770 | 4.41 | 3.11 | 4.41 | 7.9 | 2135 | 1607 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:09 | 73.0895833 | Deploying | 2 | 7800 | 4.42 | 3.11 | 4.43 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:09 | 73.0899306 | Deploying | 2 | 7830 | 4.42 | 3.11 | 4.44 | 7.92 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:10 | 73.0902778 | Deploying | 2 | 7860 | 4.41 | 3.11 | 4.46 | 7.92 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:10 | 73.0904977 | Winding down 1356 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:10 | 73.0906250 | Deploying | 2 | 7890 | 4.45 | 3.16 | 4.48 | 7.94 | 2111 | 1605 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:11 | 73.0909722 | Deploying | 2 | 7920 | 4.47 | 3.16 | 4.5 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:11 | 73.0913194 | Deploying | 2 | 7950 | 4.48 | 3.16 | 4.51 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:12 | 73.0916667 | Deploying | 2 | 7980 | 4.48 | 3.16 | 4.53 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:12 | 73.0920023 | Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:12 | 73.0920139 | Deploying | 2 | 8010 | 4.48 | 3.23 | 4.55 | 7.92 | 2248 | 1642 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:13 | 73.0923611 | Deploying | 2 | 8040 | 4.55 | 3.23 | 4.56 | 7.94 | 2248 | 93 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:13 | 73.0927083 | Deploying | 2 | 8070 | 4.55 | 3.23 | 4.58 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:14 | 73.0930556 | Deploying | 2 | 8100 | 4.55 | 3.23 | 4.6 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |

| Date/Time | Value | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 2:14 | 73.0934028 Deploying | 2 | 8130 | 4.55 | 3.23 | 4.61 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:14 | 73.0934144 Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:15 | 73.0937500 Deploying | 2 | 8160 | 4.63 | 3.29 | 4.63 | 7.94 | 2276 | 1623 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:15 | 73.0940972 Deploying | 2 | 8190 | 4.62 | 3.29 | 4.65 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:16 | 73.0944444 Deploying | 2 | 8220 | 4.63 | 3.29 | 4.67 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:16 | 73.0947917 Deploying | 2 | 8250 | 4.63 | 3.29 | 4.68 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:16 | 73.0948958 Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:17 | 73.0951389 Deploying | 2 | 8280 | 4.67 | 3.35 | 4.7 | 7.9 | 2079 | 1611 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:17 | 73.0954861 Deploying | 2 | 8310 | 4.69 | 3.35 | 4.72 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 2:18 | 73.0958333 Deploying | 2 | 8340 | 4.7 | 3.35 | 4.73 | 7.92 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 2:18 | 73.0961806 Deploying | 2 | 8370 | 4.69 | 3.35 | 4.75 | 7.92 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 2:18 | 73.0962037 Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:19 | 73.0965278 Deploying | 2 | 8400 | 4.75 | 3.41 | 4.77 | 7.9 | 2146 | 1622 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:19 | 73.0968750 Deploying | 2 | 8430 | 4.74 | 3.41 | 4.78 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:20 | 73.0972222 Deploying | 2 | 8460 | 4.76 | 3.41 | 4.8 | 7.97 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:20 | 73.0975694 Deploying | 2 | 8490 | 4.76 | 3.41 | 4.82 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:20 | 73.0977083 Winding down 1707 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:21 | 73.0979167 Deploying | 2 | 8520 | 4.79 | 3.47 | 4.84 | 7.92 | 2259 | 1629 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:21 | 73.0982639 Deploying | 2 | 8550 | 4.83 | 3.47 | 4.85 | 7.92 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:22 | 73.0986111 Deploying | 2 | 8580 | 4.84 | 3.47 | 4.87 | 7.9 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:22 | 73.0989583 Deploying | 2 | 8610 | 4.82 | 3.47 | 4.89 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:22 | 73.0990278 Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:23 | 73.0993056 Deploying | 2 | 8640 | 4.89 | 3.53 | 4.9 | 7.94 | 2109 | 1608 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:23 | 73.0996528 Deploying | 2 | 8670 | 4.91 | 3.53 | 4.92 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:24 | 73.1000000 Deploying | 2 | 8700 | 4.91 | 3.53 | 4.94 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:24 | 73.1003472 Deploying | 2 | 8730 | 4.91 | 3.53 | 4.95 | 7.97 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:24 | 73.1006829 Winding down 1748 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:25 | 73.1006944 Deploying | 2 | 8760 | 4.9 | 3.6 | 4.97 | 7.94 | 2144 | 1617 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:25 | 73.1010417 Deploying | 2 | 8790 | 4.98 | 3.6 | 4.99 | 7.92 | 2144 | 69 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:26 | 73.1013889 Deploying | 2 | 8820 | 4.97 | 3.6 | 5.01 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:26 | 73.1017361 Deploying | 2 | 8850 | 4.98 | 3.6 | 5.02 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:26 | 73.1020486 Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:27 | 73.1020833 Deploying | 2 | 8880 | 4.99 | 3.66 | 5.04 | 7.94 | 2275 | 1618 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:27 | 73.1024306 Deploying | 2 | 8910 | 5.05 | 3.66 | 5.06 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:28 | 73.1027778 Deploying | 2 | 8940 | 5.05 | 3.66 | 5.07 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:28 | 73.1031250 Deploying | 2 | 8970 | 5.05 | 3.66 | 5.09 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:29 | 73.1034722 Deploying | 2 | 9000 | 5.05 | 3.66 | 5.11 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:29 | 73.1037153 Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:29 | 73.1038194 Deploying | 2 | 9030 | 5.08 | 3.73 | 5.12 | 7.95 | 2217 | 1609 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:30 | 73.1041667 Deploying | 2 | 9060 | 5.12 | 3.73 | 5.14 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:30 | 73.1045139 Deploying | 2 | 9090 | 5.12 | 3.73 | 5.16 | 7.95 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:31 | 73.1048611 Deploying | 2 | 9120 | 5.12 | 3.73 | 5.18 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:31 | 73.1049884 Winding down 1668 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:31 | 73.1052083 Deploying | 2 | 9150 | 5.16 | 3.79 | 5.19 | 7.9 | 2262 | 1597 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:32 | 73.1055556 Deploying | 2 | 9180 | 5.19 | 3.79 | 5.21 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:32 | 73.1059028 Deploying | 2 | 9210 | 5.19 | 3.79 | 5.23 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:33 | 73.1062500 Deploying | 2 | 9240 | 5.2 | 3.79 | 5.24 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:33 | 73.1064815 Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:33 | 73.1065972 Deploying | 2 | 9270 | 5.2 | 3.85 | 5.26 | 7.92 | 2164 | 1589 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:34 | 73.1069444 Deploying | 2 | 9300 | 5.26 | 3.85 | 5.28 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:34 | 73.1072917 Deploying | 2 | 9330 | 5.24 | 3.85 | 5.29 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:34 | 73.1074074 Winding down 1429 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:35 | 73.1076389 Deploying | 2 | 9360 | 5.3 | 3.9 | 5.31 | 7.92 | 2269 | 1621 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:35 | 73.1079861 Deploying | 2 | 9390 | 5.31 | 3.9 | 5.33 | 7.95 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |

| Date | Value | Status | | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 | Col13 | Col14 | Col15 | Col16 | Col17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 2:36 | 73.1083333 | Deploying | | 2 | 9420 | 5.33 | 3.9 | 5.35 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:36 | 73.1086806 | Deploying | | 2 | 9450 | 5.32 | 3.9 | 5.36 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:37 | 73.1090278 | Deploying | | 2 | 9480 | 5.32 | 3.9 | 5.38 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:37 | 73.1091782 | Winding down 1771 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:37 | 73.1093750 | Deploying | | 2 | 9510 | 5.37 | 3.97 | 5.4 | 7.95 | 2117 | 1600 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:38 | 73.1097222 | Deploying | | 2 | 9540 | 5.39 | 3.97 | 5.41 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:38 | 73.1100694 | Deploying | | 2 | 9570 | 5.39 | 3.97 | 5.43 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:39 | 73.1104167 | Deploying | | 2 | 9600 | 5.39 | 3.97 | 5.45 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:39 | 73.1104398 | Winding down 1365 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:39 | 73.1107639 | Deploying | | 2 | 9630 | 5.44 | 4.02 | 5.46 | 7.92 | 2117 | 1608 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:40 | 73.1111111 | Deploying | | 2 | 9660 | 5.46 | 4.02 | 5.48 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:40 | 73.1114583 | Deploying | | 2 | 9690 | 5.44 | 4.02 | 5.5 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:40 | 73.1116898 | Winding down 1845 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:41 | 73.1118056 | Deploying | | 2 | 9720 | 5.47 | 4.09 | 5.52 | 7.89 | 2119 | 1610 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:41 | 73.1121528 | Deploying | | 2 | 9750 | 5.52 | 4.09 | 5.53 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:42 | 73.1125000 | Deploying | | 2 | 9780 | 5.53 | 4.09 | 5.55 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:42 | 73.1128472 | Deploying | | 2 | 9810 | 5.53 | 4.09 | 5.57 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:43 | 73.1131944 | Deploying | | 2 | 9840 | 5.54 | 4.09 | 5.58 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:43 | 73.1135185 | Winding down 1809 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:43 | 73.1135417 | Deploying | | 2 | 9870 | 5.53 | 4.16 | 5.6 | 7.86 | 2255 | 1610 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:44 | 73.1138889 | Deploying | | 2 | 9900 | 5.61 | 4.16 | 5.62 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:44 | 73.1142361 | Deploying | | 2 | 9930 | 5.6 | 4.16 | 5.63 | 7.94 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:45 | 73.1145833 | Deploying | | 2 | 9960 | 5.6 | 4.16 | 5.65 | 7.94 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:45 | 73.1147106 | Winding down 1568 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:45 | 73.1149306 | Deploying | | 2 | 9990 | 5.65 | 4.22 | 5.67 | 7.9 | 2060 | 1598 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:46 | 73.1152778 | Deploying | | 2 | 10020 | 5.67 | 4.22 | 5.69 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:46 | 73.1156250 | Deploying | | 2 | 10050 | 5.67 | 4.22 | 5.7 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:47 | 73.1159722 | Deploying | | 2 | 10080 | 5.67 | 4.22 | 5.72 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:47 | 73.1160995 | Winding down 1293 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:47 | 73.1163194 | Deploying | | 2 | 10110 | 5.7 | 4.27 | 5.74 | 7.9 | 2131 | 1608 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:48 | 73.1166667 | Deploying | | 2 | 10140 | 5.73 | 4.27 | 5.75 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:48 | 73.1170139 | Deploying | | 2 | 10170 | 5.73 | 4.27 | 5.77 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:49 | 73.1173611 | Deploying | | 2 | 10200 | 5.72 | 4.27 | 5.79 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:49 | 73.1173727 | Winding down 1601 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:49 | 73.1177083 | Deploying | | 2 | 10230 | 5.78 | 4.33 | 5.8 | 7.92 | 2255 | 1615 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:50 | 73.1180556 | Deploying | | 2 | 10260 | 5.79 | 4.33 | 5.82 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:50 | 73.1184028 | Deploying | | 2 | 10290 | 5.8 | 4.33 | 5.84 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:51 | 73.1187500 | Deploying | | 2 | 10320 | 5.79 | 4.33 | 5.86 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:51 | 73.1188194 | Winding down 1922 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:51 | 73.1190972 | Deploying | | 2 | 10350 | 5.84 | 4.41 | 5.87 | 7.94 | 2271 | 1616 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:52 | 73.1194444 | Deploying | | 2 | 10380 | 5.86 | 4.41 | 5.89 | 7.92 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:52 | 73.1197917 | Deploying | | 2 | 10410 | 5.87 | 4.41 | 5.91 | 7.9 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:53 | 73.1201389 | Deploying | | 2 | 10440 | 5.88 | 4.41 | 5.92 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:53 | 73.1203704 | Winding down 1845 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:53 | 73.1204861 | Deploying | | 2 | 10470 | 5.88 | 4.48 | 5.94 | 7.9 | 2262 | 1612 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 2:54 | 73.1208333 | Deploying | | 2 | 10500 | 5.94 | 4.48 | 5.96 | 7.9 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:54 | 73.1211806 | Deploying | | 2 | 10530 | 5.95 | 4.48 | 5.97 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:55 | 73.1215278 | Deploying | | 2 | 10560 | 5.94 | 4.48 | 5.99 | 7.92 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:55 | 73.1216667 | Winding down 1807 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 2:55 | 73.1218750 | Deploying | | 2 | 10590 | 5.98 | 4.55 | 6.01 | 7.9 | 2105 | 1606 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:56 | 73.1222222 | Deploying | | 2 | 10620 | 6.02 | 4.55 | 6.03 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:56 | 73.1225694 | Deploying | | 2 | 10650 | 6.02 | 4.55 | 6.04 | 7.94 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:57 | 73.1229167 | Deploying | | 2 | 10680 | 6.02 | 4.55 | 6.06 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 2:57 | 73.1232639 | Deploying | | 2 | 10710 | 6.01 | 4.55 | 6.08 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 2:57 | 73.1233218 | Winding down 1758 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 2:58 | 73.1236111 | Deploying | 2 | 10740 | 6.07 | 4.61 | 6.09 | 7.89 | 2291 | 1633 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 2:58 | 73.1239583 | Deploying | 2 | 10770 | 6.09 | 4.61 | 6.11 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:59 | 73.1243056 | Deploying | 2 | 10800 | 6.09 | 4.61 | 6.13 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:59 | 73.1246528 | Deploying | 2 | 10830 | 6.09 | 4.61 | 6.14 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 2:59 | 73.1246991 | Winding down 1569 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:00 | 73.1250000 | Deploying | 2 | 10860 | 6.15 | 4.67 | 6.16 | 7.92 | 2140 | 1609 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:00 | 73.1253472 | Deploying | 2 | 10890 | 6.15 | 4.67 | 6.18 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:01 | 73.1256944 | Deploying | 2 | 10920 | 6.16 | 4.67 | 6.2 | 7.9 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:01 | 73.1260417 | Deploying | 2 | 10950 | 6.16 | 4.67 | 6.21 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:01 | 73.1262963 | Winding down 1399 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:02 | 73.1263889 | Deploying | 2 | 10980 | 6.17 | 4.73 | 6.23 | 7.9 | 2257 | 1612 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:02 | 73.1267361 | Deploying | 2 | 11010 | 6.21 | 4.73 | 6.25 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:03 | 73.1270833 | Deploying | 2 | 11040 | 6.22 | 4.73 | 6.26 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:03 | 73.1271875 | Winding down 1365 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:03 | 73.1274306 | Deploying | 2 | 11070 | 6.26 | 4.78 | 6.28 | 7.9 | 2141 | 1606 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:04 | 73.1277778 | Deploying | 2 | 11100 | 6.29 | 4.78 | 6.3 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:04 | 73.1281250 | Deploying | 2 | 11130 | 6.27 | 4.78 | 6.31 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:05 | 73.1284722 | Deploying | 2 | 11160 | 6.28 | 4.78 | 6.33 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:05 | 73.1287153 | Winding down 2135 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:05 | 73.1288194 | Deploying | 2 | 11190 | 6.28 | 4.86 | 6.35 | 7.9 | 2239 | 1624 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:06 | 73.1291667 | Deploying | 2 | 11220 | 6.36 | 4.86 | 6.37 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:06 | 73.1295139 | Deploying | 2 | 11250 | 6.36 | 4.86 | 6.38 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:07 | 73.1298611 | Deploying | 2 | 11280 | 6.36 | 4.86 | 6.4 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:07 | 73.1302083 | Deploying | 2 | 11310 | 6.36 | 4.86 | 6.42 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:07 | 73.1303704 | Winding down 1660 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:08 | 73.1305556 | Deploying | 2 | 11340 | 6.4 | 4.92 | 6.43 | 7.92 | 2119 | 1610 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:08 | 73.1309028 | Deploying | 2 | 11370 | 6.43 | 4.92 | 6.45 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:09 | 73.1312500 | Deploying | 2 | 11400 | 6.43 | 4.92 | 6.47 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:09 | 73.1315972 | Deploying | 2 | 11430 | 6.43 | 4.92 | 6.48 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:09 | 73.1317245 | Winding down 1693 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:10 | 73.1319444 | Deploying | 2 | 11460 | 6.47 | 4.99 | 6.5 | 7.89 | 2128 | 1605 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:10 | 73.1322917 | Deploying | 2 | 11490 | 6.5 | 4.99 | 6.52 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:11 | 73.1326389 | Deploying | 2 | 11520 | 6.5 | 4.99 | 6.54 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:11 | 73.1329861 | Deploying | 2 | 11550 | 6.5 | 4.99 | 6.55 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:11 | 73.1331944 | Winding down 1742 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:12 | 73.1333333 | Deploying | 2 | 11580 | 6.53 | 5.05 | 6.57 | 7.92 | 2275 | 1627 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:12 | 73.1336806 | Deploying | 2 | 11610 | 6.57 | 5.05 | 6.59 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:13 | 73.1340278 | Deploying | 2 | 11640 | 6.57 | 5.05 | 6.6 | 7.9 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:13 | 73.1343750 | Deploying | 2 | 11670 | 6.57 | 5.05 | 6.62 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:13 | 73.1346875 | Winding down 1870 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:14 | 73.1347222 | Deploying | 2 | 11700 | 6.57 | 5.12 | 6.64 | 7.9 | 2147 | 1609 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:14 | 73.1350694 | Deploying | 2 | 11730 | 6.67 | 5.12 | 6.65 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:15 | 73.1354167 | Deploying | 2 | 11760 | 6.65 | 5.12 | 6.67 | 7.92 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:15 | 73.1357639 | Deploying | 2 | 11790 | 6.66 | 5.12 | 6.69 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:16 | 73.1361111 | Deploying | 2 | 11820 | 6.65 | 5.12 | 6.71 | 7.89 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:16 | 73.1362269 | Winding down 1654 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:16 | 73.1364583 | Deploying | 2 | 11850 | 6.7 | 5.19 | 6.72 | 7.89 | 2129 | 1615 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:17 | 73.1368056 | Deploying | 2 | 11880 | 6.72 | 5.19 | 6.74 | 7.92 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:17 | 73.1371528 | Deploying | 2 | 11910 | 6.72 | 5.19 | 6.76 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:18 | 73.1375000 | Deploying | 2 | 11940 | 6.72 | 5.19 | 6.77 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:18 | 73.1376157 | Winding down 1629 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 3:18 | 73.1378472 | Deploying | 2 | 11970 | 6.76 | 5.25 | 6.79 | 7.89 | 2115 | 1606 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:19 | 73.1381944 | Deploying | 2 | 12000 | 6.78 | 5.25 | 6.81 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |

| 3/13/2016 3:19 | 73.1385417 Deploying | 2 | 12030 | 6.81 | 5.25 | 6.82 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:20 | 73.1388889 Deploying | 2 | 12060 | 6.77 | 5.25 | 6.84 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:20 | 73.1390162 Winding down 1868 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:20 | 73.1392361 Deploying | 2 | 12090 | 6.84 | 5.32 | 6.86 | 7.92 | 2240 | 1611 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:21 | 73.1395833 Deploying | 2 | 12120 | 6.87 | 5.32 | 6.88 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:21 | 73.1399306 Deploying | 2 | 12150 | 6.86 | 5.32 | 6.89 | 7.92 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:22 | 73.1402778 Deploying | 2 | 12180 | 6.86 | 5.32 | 6.91 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:22 | 73.1405671 Winding down 1516 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:22 | 73.1406250 Deploying | 2 | 12210 | 6.88 | 5.38 | 6.93 | 7.89 | 2129 | 1616 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:23 | 73.1409722 Deploying | 2 | 12240 | 6.94 | 5.38 | 6.94 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:23 | 73.1413194 Deploying | 2 | 12270 | 6.94 | 5.38 | 6.96 | 7.92 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:24 | 73.1416667 Deploying | 2 | 12300 | 6.93 | 5.38 | 6.98 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:24 | 73.1419444 Winding down 1952 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:24 | 73.1420139 Deploying | 2 | 12330 | 6.93 | 5.45 | 6.99 | 7.9 | 2130 | 1601 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:25 | 73.1423611 Deploying | 2 | 12360 | 7.01 | 5.45 | 7.01 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:25 | 73.1427083 Deploying | 2 | 12390 | 7.01 | 5.45 | 7.03 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:26 | 73.1430556 Deploying | 2 | 12420 | 7.01 | 5.45 | 7.05 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:26 | 73.1433796 Winding down 1659 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:26 | 73.1434028 Deploying | 2 | 12450 | 7.01 | 5.52 | 7.06 | 7.81 | 2232 | 1602 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:27 | 73.1437500 Deploying | 2 | 12480 | 7.1 | 5.52 | 7.08 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:27 | 73.1440972 Deploying | 2 | 12510 | 7.09 | 5.52 | 7.1 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:28 | 73.1444444 Deploying | 2 | 12540 | 7.09 | 5.52 | 7.11 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:28 | 73.1447917 Deploying | 2 | 12570 | 7.08 | 5.52 | 7.13 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:29 | 73.1451389 Deploying | 2 | 12600 | 7.09 | 5.52 | 7.15 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:29 | 73.1452662 Winding down 1593 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:29 | 73.1454861 Deploying | 2 | 12630 | 7.13 | 5.58 | 7.16 | 7.89 | 2180 | 1609 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:30 | 73.1458333 Deploying | 2 | 12660 | 7.15 | 5.58 | 7.18 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:30 | 73.1461806 Deploying | 2 | 12690 | 7.16 | 5.58 | 7.2 | 7.9 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:30 | 73.1464931 Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:31 | 73.1465278 Deploying | 2 | 12720 | 7.16 | 5.64 | 7.22 | 7.9 | 2230 | 1615 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:31 | 73.1468750 Deploying | 2 | 12750 | 7.22 | 5.64 | 7.23 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:32 | 73.1472222 Deploying | 2 | 12780 | 7.22 | 5.64 | 7.25 | 7.9 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:32 | 73.1475694 Deploying | 2 | 12810 | 7.22 | 5.64 | 7.27 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:33 | 73.1479167 Deploying | 2 | 12840 | 7.23 | 5.64 | 7.28 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:33 | 73.1481250 Winding down 1917 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:33 | 73.1482639 Deploying | 2 | 12870 | 7.26 | 5.71 | 7.3 | 7.89 | 2257 | 1626 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:34 | 73.1486111 Deploying | 2 | 12900 | 7.32 | 5.71 | 7.32 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:34 | 73.1489583 Deploying | 2 | 12930 | 7.31 | 5.71 | 7.33 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:35 | 73.1493056 Deploying | 2 | 12960 | 7.32 | 5.71 | 7.35 | 7.92 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:35 | 73.1496528 Deploying | 2 | 12990 | 7.31 | 5.71 | 7.37 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:35 | 73.1497338 Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:36 | 73.1500000 Deploying | 2 | 13020 | 7.36 | 5.77 | 7.39 | 7.9 | 2119 | 1619 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:36 | 73.1503472 Deploying | 2 | 13050 | 7.38 | 5.77 | 7.4 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:37 | 73.1506944 Deploying | 2 | 13080 | 7.38 | 5.77 | 7.42 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:37 | 73.1510417 Deploying | 2 | 13110 | 7.38 | 5.77 | 7.44 | 7.89 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:37 | 73.1510880 Winding down 1544 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:38 | 73.1513889 Deploying | 2 | 13140 | 7.43 | 5.83 | 7.45 | 7.9 | 2275 | 1625 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:38 | 73.1517361 Deploying | 2 | 13170 | 7.46 | 5.83 | 7.47 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:39 | 73.1520833 Deploying | 2 | 13200 | 7.45 | 5.83 | 7.49 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:39 | 73.1524306 Deploying | 2 | 13230 | 7.47 | 5.83 | 7.5 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:40 | 73.1527778 Deploying | 2 | 13260 | 7.45 | 5.83 | 7.52 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:40 | 73.1528588 Winding down 1886 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:40 | 73.1531250 Deploying | 2 | 13290 | 7.52 | 5.9 | 7.54 | 7.87 | 2271 | 1601 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:41 | 73.1534722 Deploying | 2 | 13320 | 7.53 | 5.9 | 7.56 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 3:41 | 73.1538194 Deploying | 2 | 13350 | 7.54 | 5.9 | 7.57 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:42 | 73.1541667 Deploying | 2 | 13380 | 7.53 | 5.9 | 7.59 | 7.9 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:42 | 73.1542361 Winding down 1547 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:42 | 73.1545139 Deploying | 2 | 13410 | 7.58 | 5.96 | 7.61 | 7.87 | 2282 | 1632 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:43 | 73.1548611 Deploying | 2 | 13440 | 7.61 | 5.96 | 7.62 | 7.9 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:43 | 73.1552083 Deploying | 2 | 13470 | 7.61 | 5.96 | 7.64 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:44 | 73.1555556 Deploying | 2 | 13500 | 7.61 | 5.96 | 7.66 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:44 | 73.1556944 Winding down 1457 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:44 | 73.1559028 Deploying | 2 | 13530 | 7.64 | 6.02 | 7.67 | 7.92 | 2123 | 1595 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:45 | 73.1562500 Deploying | 2 | 13560 | 7.67 | 6.02 | 7.69 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:45 | 73.1565972 Deploying | 2 | 13590 | 7.68 | 6.02 | 7.71 | 7.89 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:46 | 73.1569444 Deploying | 2 | 13620 | 7.67 | 6.02 | 7.73 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:46 | 73.1571644 Winding down 1256 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:46 | 73.1572917 Deploying | 2 | 13650 | 7.71 | 6.06 | 7.74 | 7.89 | 2163 | 1616 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:47 | 73.1576389 Deploying | 2 | 13680 | 7.71 | 6.06 | 7.76 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:47 | 73.1579514 Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:47 | 73.1579861 Deploying | 2 | 13710 | 7.72 | 6.12 | 7.78 | 7.89 | 2130 | 1596 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:48 | 73.1583333 Deploying | 2 | 13740 | 7.8 | 6.12 | 7.79 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:48 | 73.1586806 Deploying | 2 | 13770 | 7.79 | 6.12 | 7.81 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:49 | 73.1590278 Deploying | 2 | 13800 | 7.8 | 6.12 | 7.83 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:49 | 73.1593750 Deploying | 2 | 13830 | 7.8 | 6.12 | 7.84 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:49 | 73.1597106 Winding down 1798 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:50 | 73.1597222 Deploying | 2 | 13860 | 7.79 | 6.19 | 7.86 | 7.89 | 2285 | 1625 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:50 | 73.1600694 Deploying | 2 | 13890 | 7.88 | 6.19 | 7.88 | 7.9 | 2285 | 108 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:51 | 73.1604167 Deploying | 2 | 13920 | 7.86 | 6.19 | 7.9 | 7.9 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:51 | 73.1607639 Deploying | 2 | 13950 | 7.89 | 6.19 | 7.91 | 7.9 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 3:52 | 73.1611111 Deploying | 2 | 13980 | 7.88 | 6.19 | 7.93 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:52 | 73.1614005 Winding down 1766 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:52 | 73.1614583 Deploying | 2 | 14010 | 7.88 | 6.26 | 7.95 | 7.9 | 2145 | 1610 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 3:53 | 73.1618056 Deploying | 2 | 14040 | 7.95 | 6.26 | 7.96 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:53 | 73.1621528 Deploying | 2 | 14070 | 7.95 | 6.26 | 7.98 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:54 | 73.1625000 Deploying | 2 | 14100 | 7.95 | 6.26 | 8 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:54 | 73.1628241 Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:54 | 73.1628472 Deploying | 2 | 14130 | 7.96 | 6.32 | 8.01 | 7.83 | 2245 | 1614 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:55 | 73.1631944 Deploying | 2 | 14160 | 8.03 | 6.32 | 8.03 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 3:55 | 73.1635417 Deploying | 2 | 14190 | 8.02 | 6.32 | 8.05 | 7.92 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:56 | 73.1638889 Deploying | 2 | 14220 | 8.02 | 6.32 | 8.07 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:56 | 73.1642361 Deploying | 2 | 14250 | 8.02 | 6.32 | 8.08 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:56 | 73.1642940 Winding down 1758 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:57 | 73.1645833 Deploying | 2 | 14280 | 8.08 | 6.39 | 8.1 | 7.87 | 2269 | 1605 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:57 | 73.1649306 Deploying | 2 | 14310 | 8.09 | 6.39 | 8.12 | 7.89 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 3:58 | 73.1652778 Deploying | 2 | 14340 | 8.09 | 6.39 | 8.13 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:58 | 73.1655324 Winding down 1399 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 3:58 | 73.1656250 Deploying | 2 | 14370 | 8.11 | 6.44 | 8.15 | 7.89 | 2272 | 1619 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:59 | 73.1659722 Deploying | 2 | 14400 | 8.16 | 6.44 | 8.17 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 3:59 | 73.1663194 Deploying | 2 | 14430 | 8.16 | 6.44 | 8.18 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:00 | 73.1666667 Deploying | 2 | 14460 | 8.16 | 6.44 | 8.2 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:00 | 73.1670139 Deploying | 2 | 14490 | 8.16 | 6.44 | 8.22 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:00 | 73.1672106 Winding down 1603 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:01 | 73.1673611 Deploying | 2 | 14520 | 8.19 | 6.5 | 8.24 | 7.9 | 2136 | 1606 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:01 | 73.1677083 Deploying | 2 | 14550 | 8.24 | 6.5 | 8.25 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:02 | 73.1680556 Deploying | 2 | 14580 | 8.22 | 6.5 | 8.27 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:02 | 73.1684028 Deploying | 2 | 14610 | 8.22 | 6.5 | 8.29 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:02 | 73.1684259 Winding down 1640 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:03 | 73.1687500 Deploying | 2 | 14640 | 8.3 | 6.56 | 8.3 | 7.86 | 2111 | 1605 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:03 | 73.1690972 Deploying | 2 | 14670 | 8.31 | 6.56 | 8.32 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:04 | 73.1694444 Deploying | 2 | 14700 | 8.3 | 6.56 | 8.34 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:04 | 73.1697917 Deploying | 2 | 14730 | 8.3 | 6.56 | 8.35 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:04 | 73.1700000 Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:05 | 73.1701389 Deploying | 2 | 14760 | 8.34 | 6.62 | 8.37 | 7.89 | 2107 | 1606 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:05 | 73.1704861 Deploying | 2 | 14790 | 8.37 | 6.62 | 8.39 | 7.9 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:06 | 73.1708333 Deploying | 2 | 14820 | 8.35 | 6.62 | 8.41 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:06 | 73.1710764 Winding down 1410 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:06 | 73.1711806 Deploying | 2 | 14850 | 8.37 | 6.67 | 8.42 | 7.87 | 2281 | 1633 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:07 | 73.1715278 Deploying | 2 | 14880 | 8.43 | 6.67 | 8.44 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:07 | 73.1718750 Deploying | 2 | 14910 | 8.43 | 6.67 | 8.46 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:08 | 73.1722222 Deploying | 2 | 14940 | 8.42 | 6.67 | 8.47 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:08 | 73.1725463 Winding down 1359 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:08 | 73.1725694 Deploying | 2 | 14970 | 8.44 | 6.73 | 8.49 | 7.79 | 2062 | 1590 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:09 | 73.1729167 Deploying | 2 | 15000 | 8.47 | 6.73 | 8.51 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:09 | 73.1732639 Deploying | 2 | 15030 | 8.49 | 6.73 | 8.52 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:10 | 73.1736111 Deploying | 2 | 15060 | 8.48 | 6.73 | 8.54 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:10 | 73.1738079 Winding down 1953 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:10 | 73.1739583 Deploying | 2 | 15090 | 8.52 | 6.8 | 8.56 | 7.89 | 2270 | 1617 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:11 | 73.1743056 Deploying | 2 | 15120 | 8.58 | 6.8 | 8.58 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:11 | 73.1746528 Deploying | 2 | 15150 | 8.58 | 6.8 | 8.59 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:12 | 73.1750000 Deploying | 2 | 15180 | 8.57 | 6.8 | 8.61 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:12 | 73.1753241 Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:12 | 73.1753472 Deploying | 2 | 15210 | 8.57 | 6.86 | 8.63 | 7.83 | 2251 | 1609 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:13 | 73.1756944 Deploying | 2 | 15240 | 8.64 | 6.86 | 8.64 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:13 | 73.1760417 Deploying | 2 | 15270 | 8.65 | 6.86 | 8.66 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:14 | 73.1763889 Deploying | 2 | 15300 | 8.64 | 6.86 | 8.68 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:14 | 73.1767361 Deploying | 2 | 15330 | 8.63 | 6.86 | 8.69 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:14 | 73.1769213 Winding down 2014 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:15 | 73.1770833 Deploying | 2 | 15360 | 8.67 | 6.94 | 8.71 | 7.89 | 2101 | 1613 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:15 | 73.1774306 Deploying | 2 | 15390 | 8.73 | 6.94 | 8.73 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:16 | 73.1777778 Deploying | 2 | 15420 | 8.73 | 6.94 | 8.75 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:16 | 73.1781250 Deploying | 2 | 15450 | 8.73 | 6.94 | 8.76 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:17 | 73.1784722 Deploying | 2 | 15480 | 8.73 | 6.94 | 8.78 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:17 | 73.1788079 Winding down 1748 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:17 | 73.1788194 Deploying | 2 | 15510 | 8.73 | 7 | 8.8 | 7.86 | 2265 | 1614 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 4:18 | 73.1791667 Deploying | 2 | 15540 | 8.81 | 7 | 8.81 | 7.86 | 2265 | 78 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:18 | 73.1795139 Deploying | 2 | 15570 | 8.81 | 7 | 8.83 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:19 | 73.1798611 Deploying | 2 | 15600 | 8.8 | 7 | 8.85 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:19 | 73.1801389 Winding down 1652 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:19 | 73.1802083 Deploying | 2 | 15630 | 8.81 | 7.07 | 8.86 | 7.87 | 2143 | 1610 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 4:20 | 73.1805556 Deploying | 2 | 15660 | 8.89 | 7.07 | 8.88 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:20 | 73.1809028 Deploying | 2 | 15690 | 8.88 | 7.07 | 8.9 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:21 | 73.1812500 Deploying | 2 | 15720 | 8.87 | 7.07 | 8.92 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:21 | 73.1815741 Winding down 1834 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:21 | 73.1815972 Deploying | 2 | 15750 | 8.86 | 7.14 | 8.93 | 7.79 | 2192 | 1616 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:22 | 73.1819444 Deploying | 2 | 15780 | 8.96 | 7.14 | 8.95 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:22 | 73.1822917 Deploying | 2 | 15810 | 8.96 | 7.14 | 8.97 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:23 | 73.1826389 Deploying | 2 | 15840 | 8.96 | 7.14 | 8.98 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:23 | 73.1829861 Deploying | 2 | 15870 | 8.95 | 7.14 | 9 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:24 | 73.1833333 Deploying | 2 | 15900 | 8.96 | 7.14 | 9.02 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:24 | 73.1834375 Winding down 1865 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:24 | 73.1836806 Deploying | 2 | 15930 | 9.01 | 7.21 | 9.03 | 7.9 | 2278 | 1624 | 0 | -3 | -3 | -3 | -3 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:25 | 73.1840278 Deploying | 2 | 15960 | 9.04 | 7.21 | 9.05 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:25 | 73.1843750 Deploying | 2 | 15990 | 9.03 | 7.21 | 9.07 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:26 | 73.1847222 Deploying | 2 | 16020 | 9.04 | 7.21 | 9.09 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:26 | 73.1850694 Deploying | 2 | 16050 | 9.05 | 7.21 | 9.1 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:26 | 73.1852315 Winding down 2010 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:27 | 73.1854167 Deploying | 2 | 16080 | 9.07 | 7.28 | 9.12 | 7.84 | 2269 | 1631 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:27 | 73.1857639 Deploying | 2 | 16110 | 9.12 | 7.28 | 9.14 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:28 | 73.1861111 Deploying | 2 | 16140 | 9.14 | 7.28 | 9.15 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:28 | 73.1864583 Deploying | 2 | 16170 | 9.12 | 7.28 | 9.17 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:28 | 73.1865856 Winding down 1293 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:29 | 73.1868056 Deploying | 2 | 16200 | 9.16 | 7.33 | 9.19 | 7.87 | 2280 | 1627 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 4:29 | 73.1871528 Deploying | 2 | 16230 | 9.18 | 7.33 | 9.2 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:30 | 73.1875000 Deploying | 2 | 16260 | 9.18 | 7.33 | 9.22 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:30 | 73.1878472 Deploying | 2 | 16290 | 9.18 | 7.33 | 9.24 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:30 | 73.1879167 Winding down 1422 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:31 | 73.1881944 Deploying | 2 | 16320 | 9.24 | 7.39 | 9.26 | 7.86 | 2115 | 1584 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:31 | 73.1885417 Deploying | 2 | 16350 | 9.25 | 7.39 | 9.27 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:32 | 73.1888889 Deploying | 2 | 16380 | 9.25 | 7.39 | 9.29 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:32 | 73.1892361 Deploying | 2 | 16410 | 9.25 | 7.39 | 9.31 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:32 | 73.1892593 Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:33 | 73.1895833 Deploying | 2 | 16440 | 9.31 | 7.45 | 9.32 | 7.87 | 2125 | 1604 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:33 | 73.1899306 Deploying | 2 | 16470 | 9.31 | 7.45 | 9.34 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:34 | 73.1902778 Deploying | 2 | 16500 | 9.3 | 7.45 | 9.36 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:34 | 73.1904398 Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:34 | 73.1906250 Deploying | 2 | 16530 | 9.34 | 7.51 | 9.37 | 7.89 | 2260 | 1613 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:35 | 73.1909722 Deploying | 2 | 16560 | 9.39 | 7.51 | 9.39 | 7.89 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:35 | 73.1913194 Deploying | 2 | 16590 | 9.39 | 7.51 | 9.41 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:36 | 73.1916667 Deploying | 2 | 16620 | 9.39 | 7.51 | 9.43 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:36 | 73.1920139 Deploying | 2 | 16650 | 9.4 | 7.51 | 9.44 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:37 | 73.1923611 Deploying | 2 | 16680 | 9.4 | 7.51 | 9.46 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:37 | 73.1924653 Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:37 | 73.1927083 Deploying | 2 | 16710 | 9.45 | 7.58 | 9.48 | 7.87 | 2255 | 1611 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:38 | 73.1930556 Deploying | 2 | 16740 | 9.47 | 7.58 | 9.49 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:38 | 73.1934028 Deploying | 2 | 16770 | 9.47 | 7.58 | 9.51 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:39 | 73.1937500 Deploying | 2 | 16800 | 9.47 | 7.58 | 9.53 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:39 | 73.1938426 Winding down 1875 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:39 | 73.1940972 Deploying | 2 | 16830 | 9.51 | 7.65 | 9.54 | 7.89 | 2157 | 1614 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:40 | 73.1944444 Deploying | 2 | 16860 | 9.55 | 7.65 | 9.56 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:40 | 73.1947917 Deploying | 2 | 16890 | 9.55 | 7.65 | 9.58 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:41 | 73.1951389 Deploying | 2 | 16920 | 9.55 | 7.65 | 9.6 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:41 | 73.1954861 Deploying | 2 | 16950 | 9.55 | 7.65 | 9.61 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:41 | 73.1955208 Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:42 | 73.1958333 Deploying | 2 | 16980 | 9.61 | 7.71 | 9.63 | 7.87 | 2092 | 1594 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:42 | 73.1961806 Deploying | 2 | 17010 | 9.63 | 7.71 | 9.65 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:43 | 73.1965278 Deploying | 2 | 17040 | 9.62 | 7.71 | 9.66 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:43 | 73.1968750 Deploying | 2 | 17070 | 9.63 | 7.71 | 9.68 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:43 | 73.1970255 Winding down 1596 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:44 | 73.1972222 Deploying | 2 | 17100 | 9.66 | 7.77 | 9.7 | 7.86 | 2201 | 1604 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:44 | 73.1975694 Deploying | 2 | 17130 | 9.68 | 7.77 | 9.71 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:45 | 73.1979167 Deploying | 2 | 17160 | 9.69 | 7.77 | 9.73 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:45 | 73.1982639 Deploying | 2 | 17190 | 9.7 | 7.77 | 9.75 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:45 | 73.1984259 Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:46 | 73.1986111 Deploying | 2 | 17220 | 9.73 | 7.83 | 9.77 | 7.84 | 2138 | 1597 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:46 | 73.1989583 Deploying | 2 | 17250 | 9.76 | 7.83 | 9.78 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:47 | 73.1993056 Deploying | 2 | 17280 | 9.76 | 7.83 | 9.8 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:47 | 73.1996528 Deploying | 2 | 17310 | 9.74 | 7.83 | 9.82 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:47 | 73.1996528 Winding down 1862 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:48 | 73.2000000 Deploying | 2 | 17340 | 9.83 | 7.9 | 9.83 | 7.86 | 2113 | 1604 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:48 | 73.2003472 Deploying | 2 | 17370 | 9.83 | 7.9 | 9.85 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:49 | 73.2006944 Deploying | 2 | 17400 | 9.83 | 7.9 | 9.87 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:49 | 73.2010417 Deploying | 2 | 17430 | 9.84 | 7.9 | 9.88 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:49 | 73.2013079 Winding down 1513 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:50 | 73.2013889 Deploying | 2 | 17460 | 9.86 | 7.96 | 9.9 | 7.87 | 2270 | 1638 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:50 | 73.2017361 Deploying | 2 | 17490 | 9.89 | 7.96 | 9.92 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:51 | 73.2020833 Deploying | 2 | 17520 | 9.9 | 7.96 | 9.94 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:51 | 73.2024306 Deploying | 2 | 17550 | 9.91 | 7.96 | 9.95 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:51 | 73.2027315 Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:52 | 73.2027778 Deploying | 2 | 17580 | 9.91 | 8.02 | 9.97 | 7.86 | 2116 | 1590 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:52 | 73.2031250 Deploying | 2 | 17610 | 9.99 | 8.02 | 9.99 | 7.84 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 4:53 | 73.2034722 Deploying | 2 | 17640 | 9.97 | 8.02 | 10 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:53 | 73.2038194 Deploying | 2 | 17670 | 9.97 | 8.02 | 10.02 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:53 | 73.2039931 Winding down 1275 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:54 | 73.2041667 Deploying | 2 | 17700 | 10.02 | 8.07 | 10.04 | 7.86 | 2226 | 1581 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:54 | 73.2045139 Deploying | 2 | 17730 | 10.04 | 8.07 | 10.05 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:55 | 73.2048611 Deploying | 2 | 17760 | 10.05 | 8.07 | 10.07 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 4:55 | 73.2052083 Deploying | 2 | 17790 | 10.03 | 8.07 | 10.09 | 7.87 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 4:55 | 73.2054514 Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:56 | 73.2055556 Deploying | 2 | 17820 | 10.06 | 8.14 | 10.11 | 7.86 | 2110 | 1599 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 4:56 | 73.2059028 Deploying | 2 | 17850 | 10.12 | 8.14 | 10.12 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:57 | 73.2062500 Deploying | 2 | 17880 | 10.11 | 8.14 | 10.14 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:57 | 73.2065972 Deploying | 2 | 17910 | 10.11 | 8.14 | 10.16 | 7.83 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:57 | 73.2069097 Winding down 1445 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:58 | 73.2069444 Deploying | 2 | 17940 | 10.13 | 8.19 | 10.17 | 7.86 | 2138 | 1610 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:58 | 73.2072917 Deploying | 2 | 17970 | 10.17 | 8.19 | 10.19 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:59 | 73.2076389 Deploying | 2 | 18000 | 10.17 | 8.19 | 10.21 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 4:59 | 73.2079861 Deploying | 2 | 18030 | 10.17 | 8.19 | 10.22 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 4:59 | 73.2080903 Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:00 | 73.2083333 Deploying | 2 | 18060 | 10.22 | 8.26 | 10.24 | 7.86 | 2277 | 1634 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:00 | 73.2086806 Deploying | 2 | 18090 | 10.24 | 8.26 | 10.26 | 7.86 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:01 | 73.2090278 Deploying | 2 | 18120 | 10.25 | 8.26 | 10.28 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:01 | 73.2093750 Deploying | 2 | 18150 | 10.25 | 8.26 | 10.29 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:02 | 73.2097222 Deploying | 2 | 18180 | 10.24 | 8.26 | 10.31 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:02 | 73.2097569 Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:02 | 73.2100694 Deploying | 2 | 18210 | 10.3 | 8.32 | 10.33 | 7.86 | 2157 | 1622 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:03 | 73.2104167 Deploying | 2 | 18240 | 10.33 | 8.32 | 10.34 | 7.87 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:03 | 73.2107639 Deploying | 2 | 18270 | 10.31 | 8.32 | 10.36 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:03 | 73.2110880 Winding down 1284 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:04 | 73.2111111 Deploying | 2 | 18300 | 10.33 | 8.37 | 10.38 | 7.79 | 2293 | 1636 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:04 | 73.2114583 Deploying | 2 | 18330 | 10.38 | 8.37 | 10.39 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:05 | 73.2118056 Deploying | 2 | 18360 | 10.37 | 8.37 | 10.41 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:05 | 73.2121528 Deploying | 2 | 18390 | 10.38 | 8.37 | 10.43 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:05 | 73.2124653 Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:06 | 73.2125000 Deploying | 2 | 18420 | 10.4 | 8.44 | 10.45 | 7.86 | 2285 | 1636 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:06 | 73.2128472 Deploying | 2 | 18450 | 10.47 | 8.44 | 10.46 | 7.83 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:07 | 73.2131944 Deploying | 2 | 18480 | 10.46 | 8.44 | 10.48 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:07 | 73.2135417 Deploying | 2 | 18510 | 10.46 | 8.44 | 10.5 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:08 | 73.2138889 Deploying | 2 | 18540 | 10.46 | 8.44 | 10.51 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:08 | 73.2140625 Winding down 1300 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:08 | 73.2142361 | Deploying | 2 | 18570 | 10.5 | 8.49 | 10.53 | 7.86 | 2146 | 1616 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:09 | 73.2145833 | Deploying | 2 | 18600 | 10.51 | 8.49 | 10.55 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:09 | 73.2149306 | Deploying | 2 | 18630 | 10.53 | 8.49 | 10.56 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:10 | 73.2152778 | Deploying | 2 | 18660 | 10.52 | 8.49 | 10.58 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:10 | 73.2154398 | Winding down 1810 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:10 | 73.2156250 | Deploying | 2 | 18690 | 10.56 | 8.56 | 10.6 | 7.86 | 2284 | 1616 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:11 | 73.2159722 | Deploying | 2 | 18720 | 10.6 | 8.56 | 10.62 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:11 | 73.2163194 | Deploying | 2 | 18750 | 10.6 | 8.56 | 10.63 | 7.87 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:12 | 73.2166667 | Deploying | 2 | 18780 | 10.6 | 8.56 | 10.65 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:12 | 73.2169444 | Winding down 1827 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:12 | 73.2170139 | Deploying | 2 | 18810 | 10.61 | 8.63 | 10.67 | 7.84 | 2282 | 1637 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:13 | 73.2173611 | Deploying | 2 | 18840 | 10.68 | 8.63 | 10.68 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:13 | 73.2177083 | Deploying | 2 | 18870 | 10.69 | 8.63 | 10.7 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:14 | 73.2180556 | Deploying | 2 | 18900 | 10.69 | 8.63 | 10.72 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:14 | 73.2184028 | Deploying | 2 | 18930 | 10.69 | 8.63 | 10.73 | 7.86 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:14 | 73.2186458 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:15 | 73.2187500 | Deploying | 2 | 18960 | 10.71 | 8.69 | 10.75 | 7.86 | 2150 | 1626 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:15 | 73.2190972 | Deploying | 2 | 18990 | 10.75 | 8.69 | 10.77 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:16 | 73.2194444 | Deploying | 2 | 19020 | 10.74 | 8.69 | 10.79 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:16 | 73.2197917 | Deploying | 2 | 19050 | 10.76 | 8.69 | 10.8 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:17 | 73.2201389 | Deploying | 2 | 19080 | 10.75 | 8.69 | 10.82 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:17 | 73.2201389 | Winding down 1737 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:17 | 73.2204861 | Deploying | 2 | 19110 | 10.81 | 8.75 | 10.84 | 7.84 | 2294 | 1632 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:18 | 73.2208333 | Deploying | 2 | 19140 | 10.84 | 8.75 | 10.85 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:18 | 73.2211806 | Deploying | 2 | 19170 | 10.84 | 8.75 | 10.87 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:19 | 73.2215278 | Deploying | 2 | 19200 | 10.83 | 8.75 | 10.89 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:19 | 73.2216204 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:19 | 73.2218750 | Deploying | 2 | 19230 | 10.88 | 8.82 | 10.9 | 7.84 | 2088 | 1615 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:20 | 73.2222222 | Deploying | 2 | 19260 | 10.88 | 8.82 | 10.92 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:20 | 73.2225694 | Deploying | 2 | 19290 | 10.89 | 8.82 | 10.94 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:20 | 73.2226968 | Winding down 1393 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:21 | 73.2229167 | Deploying | 2 | 19320 | 10.94 | 8.87 | 10.96 | 7.89 | 2166 | 1633 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:21 | 73.2232639 | Deploying | 2 | 19350 | 10.96 | 8.87 | 10.97 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:22 | 73.2236111 | Deploying | 2 | 19380 | 10.96 | 8.87 | 10.99 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:22 | 73.2239583 | Deploying | 2 | 19410 | 10.97 | 8.87 | 11.01 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:23 | 73.2243056 | Deploying | 2 | 19440 | 10.96 | 8.87 | 11.02 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:23 | 73.2244907 | Winding down 1939 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:23 | 73.2246528 | Deploying | 2 | 19470 | 10.99 | 8.95 | 11.04 | 7.84 | 2156 | 1614 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:24 | 73.2250000 | Deploying | 2 | 19500 | 11.05 | 8.95 | 11.06 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:24 | 73.2253472 | Deploying | 2 | 19530 | 11.04 | 8.95 | 11.07 | 7.87 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:25 | 73.2256944 | Deploying | 2 | 19560 | 11.05 | 8.95 | 11.09 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:25 | 73.2260417 | Deploying | 2 | 19590 | 11.05 | 8.95 | 11.11 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:25 | 73.2261227 | Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:26 | 73.2263889 | Deploying | 2 | 19620 | 11.1 | 9 | 11.13 | 7.84 | 2290 | 1626 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:26 | 73.2267361 | Deploying | 2 | 19650 | 11.11 | 9 | 11.14 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:27 | 73.2270833 | Deploying | 2 | 19680 | 11.11 | 9 | 11.16 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:27 | 73.2272685 | Winding down 1464 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:27 | 73.2274306 | Deploying | 2 | 19710 | 11.15 | 9.06 | 11.18 | 7.87 | 2260 | 1612 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:28 | 73.2277778 | Deploying | 2 | 19740 | 11.16 | 9.06 | 11.19 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:28 | 73.2281250 | Deploying | 2 | 19770 | 11.16 | 9.06 | 11.21 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:28 | 73.2283449 | Winding down 1281 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:29 | 73.2284722 | Deploying | 2 | 19800 | 11.19 | 9.11 | 11.23 | 7.84 | 2283 | 1634 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:29 | 73.2288194 | Deploying | 2 | 19830 | 11.24 | 9.11 | 11.24 | 7.83 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:30 | 73.2291667 | Deploying | 2 | 19860 | 11.24 | 9.11 | 11.26 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:30 | 73.2295139 Deploying | 2 | 19890 | 11.22 | 9.11 | 11.28 | 7.83 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:30 | 73.2298148 Winding down 2280 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:31 | 73.2298611 Deploying | 2 | 19920 | 11.22 | 9.2 | 11.3 | 7.84 | 2281 | 1624 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:31 | 73.2302083 Deploying | 2 | 19950 | 11.33 | 9.2 | 11.31 | 7.84 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 5:32 | 73.2305556 Deploying | 2 | 19980 | 11.32 | 9.2 | 11.33 | 7.83 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 5:32 | 73.2309028 Deploying | 2 | 20010 | 11.32 | 9.2 | 11.35 | 7.83 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 5:33 | 73.2312500 Deploying | 2 | 20040 | 11.33 | 9.2 | 11.36 | 7.83 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 5:33 | 73.2315972 Deploying | 2 | 20070 | 11.34 | 9.2 | 11.38 | 7.84 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 5:34 | 73.2319444 Deploying | 2 | 20100 | 11.32 | 9.2 | 11.4 | 7.84 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:34 | 73.2319444 Winding down 1987 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:34 | 73.2322917 Deploying | 2 | 20130 | 11.42 | 9.27 | 11.41 | 7.84 | 2109 | 1590 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:35 | 73.2326389 Deploying | 2 | 20160 | 11.42 | 9.27 | 11.43 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:35 | 73.2329861 Deploying | 2 | 20190 | 11.41 | 9.27 | 11.45 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:36 | 73.2333333 Deploying | 2 | 20220 | 11.42 | 9.27 | 11.47 | 7.84 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:36 | 73.2336111 Winding down 1777 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:36 | 73.2336806 Deploying | 2 | 20250 | 11.42 | 9.34 | 11.48 | 7.87 | 2111 | 1597 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:37 | 73.2340278 Deploying | 2 | 20280 | 11.5 | 9.34 | 11.5 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:37 | 73.2343750 Deploying | 2 | 20310 | 11.49 | 9.34 | 11.52 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:38 | 73.2347222 Deploying | 2 | 20340 | 11.5 | 9.34 | 11.53 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:38 | 73.2350694 Deploying | 2 | 20370 | 11.49 | 9.34 | 11.55 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:38 | 73.2351852 Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:39 | 73.2354167 Deploying | 2 | 20400 | 11.53 | 9.4 | 11.57 | 7.84 | 2122 | 1598 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:39 | 73.2357639 Deploying | 2 | 20430 | 11.55 | 9.4 | 11.58 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:40 | 73.2361111 Deploying | 2 | 20460 | 11.56 | 9.4 | 11.6 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:40 | 73.2364352 Winding down 1809 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:40 | 73.2364583 Deploying | 2 | 20490 | 11.55 | 9.47 | 11.62 | 7.78 | 2112 | 1591 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:41 | 73.2368056 Deploying | 2 | 20520 | 11.63 | 9.47 | 11.64 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:41 | 73.2371528 Deploying | 2 | 20550 | 11.64 | 9.47 | 11.65 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:42 | 73.2375000 Deploying | 2 | 20580 | 11.65 | 9.47 | 11.67 | 7.84 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:42 | 73.2378472 Deploying | 2 | 20610 | 11.64 | 9.47 | 11.69 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:42 | 73.2381019 Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:43 | 73.2381944 Deploying | 2 | 20640 | 11.66 | 9.53 | 11.7 | 7.84 | 2084 | 1615 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:43 | 73.2385417 Deploying | 2 | 20670 | 11.7 | 9.53 | 11.72 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:44 | 73.2388889 Deploying | 2 | 20700 | 11.71 | 9.53 | 11.74 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:44 | 73.2392361 Deploying | 2 | 20730 | 11.71 | 9.53 | 11.75 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:44 | 73.2395486 Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:45 | 73.2395833 Deploying | 2 | 20760 | 11.71 | 9.6 | 11.77 | 7.86 | 2149 | 1611 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:45 | 73.2399306 Deploying | 2 | 20790 | 11.78 | 9.6 | 11.79 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:46 | 73.2402778 Deploying | 2 | 20820 | 11.77 | 9.6 | 11.81 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:46 | 73.2406250 Deploying | 2 | 20850 | 11.76 | 9.6 | 11.82 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:46 | 73.2407176 Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:47 | 73.2409722 Deploying | 2 | 20880 | 11.82 | 9.66 | 11.84 | 7.83 | 2108 | 1607 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:47 | 73.2413194 Deploying | 2 | 20910 | 11.83 | 9.66 | 11.86 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:48 | 73.2416667 Deploying | 2 | 20940 | 11.84 | 9.66 | 11.87 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:48 | 73.2420139 Deploying | 2 | 20970 | 11.86 | 9.66 | 11.89 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:49 | 73.2423611 Deploying | 2 | 21000 | 11.83 | 9.66 | 11.91 | 7.83 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:49 | 73.2425116 Winding down 2071 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:49 | 73.2427083 Deploying | 2 | 21030 | 11.9 | 9.74 | 11.92 | 7.84 | 2237 | 1633 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:50 | 73.2430556 Deploying | 2 | 21060 | 11.93 | 9.74 | 11.94 | 7.83 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:50 | 73.2434028 Deploying | 2 | 21090 | 11.94 | 9.74 | 11.96 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:51 | 73.2437500 Deploying | 2 | 21120 | 11.94 | 9.74 | 11.98 | 7.83 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:51 | 73.2440972 Deploying | 2 | 21150 | 11.94 | 9.74 | 11.99 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 5:51 | 73.2442940 Winding down 1753 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:52 | 73.2444444 Deploying | 2 | 21180 | 11.97 | 9.8 | 12.01 | 7.84 | 2144 | 1598 | 0 | -3 | -3 | -3 | -3 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:52 | 73.2447917 | Deploying | 2 | 21210 | 12.02 | 9.8 | 12.03 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:53 | 73.2451389 | Deploying | 2 | 21240 | 12.02 | 9.8 | 12.04 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:53 | 73.2454861 | Deploying | 2 | 21270 | 12.02 | 9.8 | 12.06 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:54 | 73.2458333 | Deploying | 2 | 21300 | 12.02 | 9.8 | 12.08 | 7.83 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:54 | 73.2459722 | Winding down 1607 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:54 | 73.2461806 | Deploying | 2 | 21330 | 12.07 | 9.87 | 12.09 | 7.86 | 2268 | 1613 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:55 | 73.2465278 | Deploying | 2 | 21360 | 12.08 | 9.87 | 12.11 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:55 | 73.2468750 | Deploying | 2 | 21390 | 12.09 | 9.87 | 12.13 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:56 | 73.2472222 | Deploying | 2 | 21420 | 12.09 | 9.87 | 12.15 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:56 | 73.2472454 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:56 | 73.2475694 | Deploying | 2 | 21450 | 12.15 | 9.93 | 12.16 | 7.84 | 2125 | 1612 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:57 | 73.2479167 | Deploying | 2 | 21480 | 12.16 | 9.93 | 12.18 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:57 | 73.2482639 | Deploying | 2 | 21510 | 12.15 | 9.93 | 12.2 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:58 | 73.2486111 | Deploying | 2 | 21540 | 12.16 | 9.93 | 12.21 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 5:58 | 73.2488426 | Winding down 1920 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:58 | 73.2489583 | Deploying | 2 | 21570 | 12.18 | 10 | 12.23 | 7.86 | 2283 | 1624 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 5:59 | 73.2493056 | Deploying | 2 | 21600 | 12.24 | 10 | 12.25 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 5:59 | 73.2496528 | Deploying | 2 | 21630 | 12.25 | 10 | 12.26 | 7.87 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:00 | 73.2500000 | Deploying | 2 | 21660 | 12.23 | 10 | 12.28 | 7.86 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:00 | 73.2503472 | Deploying | 2 | 21690 | 12.24 | 10 | 12.3 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:00 | 73.2503704 | Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:01 | 73.2506944 | Deploying | 2 | 21720 | 12.3 | 10.06 | 12.32 | 7.87 | 2246 | 1627 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:01 | 73.2510417 | Deploying | 2 | 21750 | 12.3 | 10.06 | 12.33 | 7.84 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:02 | 73.2513889 | Deploying | 2 | 21780 | 12.3 | 10.06 | 12.35 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:02 | 73.2515741 | Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:02 | 73.2517361 | Deploying | 2 | 21810 | 12.33 | 10.12 | 12.37 | 7.86 | 2231 | 1613 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:03 | 73.2520833 | Deploying | 2 | 21840 | 12.37 | 10.12 | 12.38 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:03 | 73.2524306 | Deploying | 2 | 21870 | 12.37 | 10.12 | 12.4 | 7.84 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:04 | 73.2527778 | Deploying | 2 | 21900 | 12.37 | 10.12 | 12.42 | 7.84 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:04 | 73.2531250 | Deploying | 2 | 21930 | 12.37 | 10.12 | 12.43 | 7.83 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:04 | 73.2531481 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:05 | 73.2534722 | Deploying | 2 | 21960 | 12.44 | 10.18 | 12.45 | 7.84 | 2204 | 1600 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:05 | 73.2538194 | Deploying | 2 | 21990 | 12.45 | 10.18 | 12.47 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:06 | 73.2541667 | Deploying | 2 | 22020 | 12.42 | 10.18 | 12.49 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:06 | 73.2543056 | Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:06 | 73.2545139 | Deploying | 2 | 22050 | 12.48 | 10.24 | 12.5 | 7.83 | 2270 | 1605 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:07 | 73.2548611 | Deploying | 2 | 22080 | 12.51 | 10.24 | 12.52 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:07 | 73.2552083 | Deploying | 2 | 22110 | 12.52 | 10.24 | 12.54 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:08 | 73.2555556 | Deploying | 2 | 22140 | 12.52 | 10.24 | 12.55 | 7.84 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:08 | 73.2559028 | Deploying | 2 | 22170 | 12.52 | 10.24 | 12.57 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:08 | 73.2561921 | Winding down 1716 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:09 | 73.2562500 | Deploying | 2 | 22200 | 12.53 | 10.31 | 12.59 | 7.87 | 2278 | 1604 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:09 | 73.2565972 | Deploying | 2 | 22230 | 12.59 | 10.31 | 12.6 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:10 | 73.2569444 | Deploying | 2 | 22260 | 12.59 | 10.31 | 12.62 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:10 | 73.2572917 | Deploying | 2 | 22290 | 12.6 | 10.31 | 12.64 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:11 | 73.2576389 | Deploying | 2 | 22320 | 12.6 | 10.31 | 12.66 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:11 | 73.2577778 | Winding down 1607 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:11 | 73.2579861 | Deploying | 2 | 22350 | 12.64 | 10.37 | 12.67 | 7.86 | 2128 | 1616 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:12 | 73.2583333 | Deploying | 2 | 22380 | 12.66 | 10.37 | 12.69 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:12 | 73.2586806 | Deploying | 2 | 22410 | 12.66 | 10.37 | 12.71 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:13 | 73.2590278 | Deploying | 2 | 22440 | 12.67 | 10.37 | 12.72 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:13 | 73.2591088 | Winding down 1661 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:13 | 73.2593750 | Deploying | 2 | 22470 | 12.71 | 10.44 | 12.74 | 7.84 | 2140 | 1610 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:14 | 73.2597222 | Deploying | 2 | 22500 | 12.73 | 10.44 | 12.76 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:14 | 73.2600694 Deploying | | 2 | 22530 | 12.74 | 10.44 | 12.77 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:15 | 73.2604167 Deploying | | 2 | 22560 | 12.74 | 10.44 | 12.79 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:15 | 73.2605208 Winding down 1440 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:15 | 73.2607639 Deploying | | 2 | 22590 | 12.78 | 10.49 | 12.81 | 7.84 | 2138 | 1590 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:16 | 73.2611111 Deploying | | 2 | 22620 | 12.79 | 10.49 | 12.83 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:16 | 73.2614583 Deploying | | 2 | 22650 | 12.8 | 10.49 | 12.84 | 7.86 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:17 | 73.2618056 Deploying | | 2 | 22680 | 12.8 | 10.49 | 12.86 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:17 | 73.2618403 Winding down 1630 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:17 | 73.2621528 Deploying | | 2 | 22710 | 12.85 | 10.56 | 12.88 | 7.87 | 2268 | 1618 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:18 | 73.2625000 Deploying | | 2 | 22740 | 12.86 | 10.56 | 12.89 | 7.83 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:18 | 73.2628472 Deploying | | 2 | 22770 | 12.86 | 10.56 | 12.91 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:18 | 73.2629861 Winding down 1507 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:19 | 73.2631944 Deploying | | 2 | 22800 | 12.9 | 10.61 | 12.93 | 7.86 | 2272 | 1639 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:19 | 73.2635417 Deploying | | 2 | 22830 | 12.94 | 10.61 | 12.94 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:20 | 73.2638889 Deploying | | 2 | 22860 | 12.92 | 10.61 | 12.96 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:20 | 73.2642361 Deploying | | 2 | 22890 | 12.93 | 10.61 | 12.98 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:20 | 73.2645718 Winding down 1648 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:21 | 73.2645833 Deploying | | 2 | 22920 | 12.93 | 10.68 | 13 | 7.84 | 2118 | 1597 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:21 | 73.2649306 Deploying | | 2 | 22950 | 13.01 | 10.68 | 13.01 | 7.84 | 2118 | 85 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:22 | 73.2652778 Deploying | | 2 | 22980 | 13 | 10.68 | 13.03 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:22 | 73.2656250 Deploying | | 2 | 23010 | 13 | 10.68 | 13.05 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:23 | 73.2659722 Deploying | | 2 | 23040 | 13.01 | 10.68 | 13.06 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:23 | 73.2660301 Winding down 1633 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:23 | 73.2663194 Deploying | | 2 | 23070 | 13.07 | 10.74 | 13.08 | 7.84 | 2258 | 1607 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:24 | 73.2666667 Deploying | | 2 | 23100 | 13.07 | 10.74 | 13.1 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:24 | 73.2670139 Deploying | | 2 | 23130 | 13.08 | 10.74 | 13.11 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:25 | 73.2673611 Deploying | | 2 | 23160 | 13.07 | 10.74 | 13.13 | 7.86 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:25 | 73.2674769 Winding down 1679 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:25 | 73.2677083 Deploying | | 2 | 23190 | 13.13 | 10.8 | 13.15 | 7.87 | 2104 | 1600 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:26 | 73.2680556 Deploying | | 2 | 23220 | 13.15 | 10.8 | 13.17 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:26 | 73.2684028 Deploying | | 2 | 23250 | 13.14 | 10.8 | 13.18 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:27 | 73.2687500 Deploying | | 2 | 23280 | 13.14 | 10.8 | 13.2 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:27 | 73.2688194 Winding down 1797 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:27 | 73.2690972 Deploying | | 2 | 23310 | 13.2 | 10.87 | 13.22 | 7.84 | 2237 | 1622 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:28 | 73.2694444 Deploying | | 2 | 23340 | 13.22 | 10.87 | 13.23 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:28 | 73.2697917 Deploying | | 2 | 23370 | 13.22 | 10.87 | 13.25 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:29 | 73.2701389 Deploying | | 2 | 23400 | 13.23 | 10.87 | 13.27 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/13/2016 6:29 | 73.2704861 Deploying | | 2 | 23430 | 13.23 | 10.87 | 13.28 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:29 | 73.2706134 Winding down 1593 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:30 | 73.2708333 Deploying | | 2 | 23460 | 13.27 | 10.94 | 13.3 | 7.86 | 2110 | 1585 | 0 | -4 | -3 | -3 | -3 |
| [chiF)10 | #VALUE! | | 5 | | | | | | | | | | | | |
| 3/13/2016 6:30 | 73.2711806 Deploying | | 2 | 23490 | 13.3 | 10.94 | 13.32 | 7.86 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 3/13/2016 6:31 | 73.2715278 Deploying | | 2 | 23520 | 13.29 | 10.94 | 13.34 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/13/2016 6:31 | 73.2718750 Deploying | | 2 | 23550 | 13.3 | 10.94 | 13.35 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:31 | 73.2718981 Winding down 1365 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:32 | 73.2722222 Deploying | | 2 | 23580 | 13.35 | 10.99 | 13.37 | 7.84 | 2242 | 1619 | 0 | -4 | -4 | -3 | -4 |
| 3/13/2016 6:32 | 73.2725694 Deploying | | 2 | 23610 | 13.34 | 10.99 | 13.39 | 7.83 | 0 | 0 | 0 | -3 | -4 | -7 | -4 |
| 3/13/2016 6:33 | 73.2729167 Deploying | | 2 | 23640 | 13.35 | 10.99 | 13.4 | 7.84 | 0 | 0 | 0 | -21 | -4 | -8 | -4 |
| 3/13/2016 6:33 | 73.2729977 Winding down 1336 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:33 | 73.2731134 Probe hit seabed | | 4 | | | | | | | | | | | | |
| 3/13/2016 6:33 | 73.2731134 State 4 (REWIND) | | 5 | | | | | | | | | | | | |
| 3/13/2016 6:33 | 73.2731366 Winding up 1450 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:33 | 73.2731597 Winding up 2750 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 6:33 | 73.2731944 Winding up 4625 ticks | | 3 | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:33 | 73.2732523 Winding up 6825 ticks | 3 | | | | | | | |
| 3/13/2016 6:33 | 73.2732639 Rewinding | 5 | 23657 | 13.34 | 10.44 | 13.07 | 7.81 | 1146 | 874 |
| 3/13/2016 6:33 | 73.2733333 Winding up 8875 ticks | 3 | | | | | | | |
| 3/13/2016 6:33 | 73.2734375 Winding up 9599 ticks | 3 | | | | | | | |
| 3/13/2016 6:33 | 73.2735532 Winding up 8249 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2736111 Rewinding | 5 | 23657 | 12.54 | 9.41 | 12.32 | 7.59 | 1150 | 862 |
| 3/13/2016 6:34 | 73.2736574 Winding up 6100 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2737384 Winding up 5075 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2738079 Winding up 4075 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2738657 Winding up 3700 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2739120 Winding up 3250 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2739583 Rewinding | 5 | 23657 | 11.72 | 8.55 | 11.57 | 7.56 | 1149 | 864 |
| 3/13/2016 6:34 | 73.2739583 Winding up 4224 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2740162 Winding up 3474 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2740625 Winding up 2525 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2740972 Winding up 2300 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2741319 Winding up 1999 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2741667 Winding up 1849 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2741898 Winding up 1699 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2742130 Winding up 1475 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2742361 Winding up 1400 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2742593 Winding up 1375 ticks | 3 | | | | | | | |
| 3/13/2016 6:34 | 73.2742824 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2743056 Rewinding | 5 | 23657 | 10.85 | 7.65 | 10.82 | 7.44 | 1148 | 872 |
| 3/13/2016 6:35 | 73.2743287 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2743750 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2743981 Winding up 2075 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2744329 Winding up 2400 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2744676 Winding up 2675 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2745023 Winding up 3100 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2745486 Winding up 3400 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2745949 Winding up 3475 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2746412 Winding up 3725 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2746528 Rewinding | 5 | 23657 | 10.2 | 6.75 | 10.07 | 7.75 | 1146 | 865 |
| 3/13/2016 6:35 | 73.2746875 Winding up 4050 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2747454 Winding up 3725 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2747917 Winding up 3425 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2748380 Winding up 3075 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2748843 Winding up 2850 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2749190 Winding up 2800 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2749537 Winding up 2400 ticks | 3 | | | | | | | |
| 3/13/2016 6:35 | 73.2749884 Winding up 2150 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2750000 Rewinding | 5 | 23657 | 9.38 | 5.82 | 9.32 | 7.78 | 1141 | 301 |
| 3/13/2016 6:36 | 73.2750231 Winding up 1824 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2750463 Winding up 1700 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2750694 Winding up 1600 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2750926 Winding up 1425 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2752083 Winding up 1274 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2752315 Winding up 1575 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2752546 Winding up 1824 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2752778 Winding up 2150 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2753125 Winding up 2625 ticks | 3 | | | | | | | |
| 3/13/2016 6:36 | 73.2753472 Rewinding | 5 | 23657 | 8.67 | 5.21 | 8.57 | 7.48 | 1146 | 868 |
| 3/13/2016 6:36 | 73.2753472 Winding up 3025 ticks | 3 | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:36 | 73.2753935 Winding up 3700 ticks | 3 | | | | | | | | |
| 3/13/2016 6:36 | 73.2754398 Winding up 4200 ticks | 3 | | | | | | | | |
| 3/13/2016 6:36 | 73.2754977 Winding up 5450 ticks | 3 | | | | | | | | |
| 3/13/2016 6:36 | 73.2755671 Winding up 5200 ticks | 3 | | | | | | | | |
| 3/13/2016 6:36 | 73.2756366 Winding up 4600 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2756944 Rewinding | 5 | 23657 | 7.97 | 4.21 | 7.82 | 7.43 | 1141 | 858 | |
| 3/13/2016 6:37 | 73.2756944 Winding up 4300 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2757523 Winding up 3650 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2757986 Winding up 2700 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2758333 Winding up 2250 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2758681 Winding up 1925 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2758912 Winding up 1650 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2759144 Winding up 1425 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2760417 Rewinding | 5 | 23657 | 7.1 | 3.53 | 7.07 | 7.78 | 1142 | 864 | |
| 3/13/2016 6:37 | 73.2760417 Winding up 1250 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2760648 Winding up 1475 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2760880 Winding up 1775 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2761111 Winding up 2050 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2761458 Winding up 2400 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2761806 Winding up 2800 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2762153 Winding up 3250 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2762616 Winding up 3900 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2763079 Winding up 4150 ticks | 3 | | | | | | | | |
| 3/13/2016 6:37 | 73.2763657 Winding up 4000 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2763889 Rewinding | 5 | 23657 | 6.45 | 2.5 | 6.32 | 7.52 | 1142 | 849 | |
| 3/13/2016 6:38 | 73.2764236 Winding up 3625 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2764699 Winding up 3275 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2765162 Winding up 2950 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2765509 Winding up 2650 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2765856 Winding up 2325 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2766204 Winding up 1950 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2766435 Winding up 2100 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2766782 Winding up 1975 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2767130 Winding up 1750 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2767361 Rewinding | 5 | 23657 | 5.61 | 1.65 | 5.57 | 7.48 | 1142 | 230 | |
| 3/13/2016 6:38 | 73.2767361 Winding up 1600 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2767593 Winding up 1500 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2767824 Winding up 1400 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2768056 Winding up 1250 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2768866 Winding up 1300 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2769097 Winding up 1425 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2769329 Winding up 1650 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2769560 Winding up 1825 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2769792 Winding up 2100 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2770139 Winding up 2250 ticks | 3 | | | | | | | | |
| 3/13/2016 6:38 | 73.2770486 Winding up 2550 ticks | 3 | | | | | | | | |
| 3/13/2016 6:39 | 73.2770833 Rewinding | 5 | 23657 | 4.91 | 0.93 | 4.82 | 7.49 | 1137 | 862 | |
| 3/13/2016 6:39 | 73.2770833 Winding up 2850 ticks | 3 | | | | | | | | |
| 3/13/2016 6:39 | 73.2771181 Winding up 3075 ticks | 3 | | | | | | | | |
| 3/13/2016 6:39 | 73.2771644 Winding up 3350 ticks | 3 | | | | | | | | |
| 3/13/2016 6:39 | 73.2772106 Winding up 3425 ticks | 3 | | | | | | | | |
| 3/13/2016 6:39 | 73.2772569 Winding up 3275 ticks | 3 | | | | | | | | |
| 3/13/2016 6:39 | 73.2773032 Winding up 3125 ticks | 3 | | | | | | | | |
| 3/13/2016 6:39 | 73.2773495 Winding up 2925 ticks | 3 | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:39 | 73.2773843 Winding up 2700 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2774190 Winding up 2525 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2774306 Rewinding | 5 | 23657 | 4.14 | -0.09 | 4.07 | 7.73 | 1136 | 846 |
| 3/13/2016 6:39 | 73.2774537 Winding up 2150 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2774884 Winding up 1900 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2775116 Winding up 1850 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2775347 Winding up 1475 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2775579 Winding up 1400 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2776736 Winding up 1300 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2776968 Winding up 1450 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2777199 Winding up 1625 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2777431 Winding up 1750 ticks | 3 | | | | | | | |
| 3/13/2016 6:39 | 73.2777662 Winding up 2025 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2777778 Rewinding | 5 | 23657 | 3.39 | -0.73 | 3.32 | 7.75 | 1136 | 857 |
| 3/13/2016 6:40 | 73.2778009 Winding up 2600 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2778356 Winding up 2900 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2778704 Winding up 3350 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2779167 Winding up 3825 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2779630 Winding up 4275 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2780208 Winding up 4050 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2780787 Winding up 3675 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2781250 Rewinding | 5 | 23657 | 2.68 | -1.66 | 2.57 | 7.52 | 1136 | 207 |
| 3/13/2016 6:40 | 73.2781250 Winding up 3325 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2781713 Winding up 2800 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2782060 Winding up 2450 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2782407 Winding up 1650 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2782639 Winding up 1425 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2783912 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2784144 Winding up 1475 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2784375 Winding up 1750 ticks | 3 | | | | | | | |
| 3/13/2016 6:40 | 73.2784606 Winding up 1875 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2784722 Rewinding | 5 | 23657 | 1.88 | -2.34 | 1.82 | 7.71 | 1136 | 842 |
| 3/13/2016 6:41 | 73.2784838 Winding up 2100 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2785301 Winding up 1350 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2785532 Winding up 1725 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2785764 Winding up 2525 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2786111 Winding up 3175 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2786574 Winding up 4025 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2787153 Winding up 4175 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2787731 Winding up 4125 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2787963 Winding up 4025 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2788194 Rewinding | 5 | 23657 | 1.21 | -3.27 | 1.07 | 7.7 | 1142 | 863 |
| 3/13/2016 6:41 | 73.2788542 Winding up 5475 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2788657 Winding up 5600 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2788773 Winding up 5700 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2788889 Winding up 5775 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2789005 Winding up 5875 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2789120 Winding up 6000 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2789236 Winding up 6125 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2789352 Winding up 6325 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2789468 Winding up 6525 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2789583 Winding up 6775 ticks | 3 | | | | | | | |
| 3/13/2016 6:41 | 73.2789699 Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 3/13/2016 6:41 | 73.2789699 State 5 (FINISHED) | 5 | | | | | | | |

DPS5-3

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:20 | 73.3888889 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/13/2016 9:20 | 73.3892361 | Deploying | 2 | 30 | 0.88 | 0 | 0.02 | 8.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:21 | 73.3895833 | Deploying | 2 | 60 | 0.89 | 0 | 0.04 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:21 | 73.3899306 | Deploying | 2 | 90 | 0.89 | 0 | 0.06 | 8.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:22 | 73.3902778 | Deploying | 2 | 120 | 0.89 | 0 | 0.08 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:22 | 73.3906250 | Deploying | 2 | 150 | 0.88 | 0 | 0.09 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:23 | 73.3909722 | Deploying | 2 | 180 | 0.89 | 0 | 0.11 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:23 | 73.3913194 | Deploying | 2 | 210 | 0.89 | 0 | 0.13 | 8.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:24 | 73.3916667 | Deploying | 2 | 240 | 0.88 | 0 | 0.14 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:24 | 73.3920139 | Deploying | 2 | 270 | 0.88 | 0 | 0.16 | 8.56 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 9:25 | 73.3923611 | Deploying | 2 | 300 | 0.88 | 0 | 0.18 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:25 | 73.3927083 | Deploying | 2 | 330 | 0.88 | 0 | 0.19 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:26 | 73.3930556 | Deploying | 2 | 360 | 0.88 | 0 | 0.21 | 8.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:26 | 73.3934028 | Deploying | 2 | 390 | 0.88 | 0 | 0.23 | 8.57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:27 | 73.3937500 | Deploying | 2 | 420 | 0.88 | 0 | 0.25 | 8.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:27 | 73.3940972 | Deploying | 2 | 450 | 0.88 | 0 | 0.26 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:28 | 73.3944444 | Deploying | 2 | 480 | 0.88 | 0 | 0.28 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:28 | 73.3947917 | Deploying | 2 | 510 | 0.89 | 0 | 0.3 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:29 | 73.3951389 | Deploying | 2 | 540 | 0.87 | 0 | 0.31 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:29 | 73.3954861 | Deploying | 2 | 570 | 0.88 | 0 | 0.33 | 8.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:30 | 73.3958333 | Deploying | 2 | 600 | 0.88 | 0 | 0.35 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:30 | 73.3961806 | Deploying | 2 | 630 | 0.88 | 0 | 0.36 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:31 | 73.3965278 | Deploying | 2 | 660 | 0.89 | 0 | 0.38 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:31 | 73.3968750 | Deploying | 2 | 690 | 0.89 | 0 | 0.4 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:32 | 73.3972222 | Deploying | 2 | 720 | 0.88 | 0 | 0.42 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:32 | 73.3975694 | Deploying | 2 | 750 | 0.89 | 0 | 0.43 | 8.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:33 | 73.3979167 | Deploying | 2 | 780 | 0.88 | 0 | 0.45 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:33 | 73.3982639 | Deploying | 2 | 810 | 0.88 | 0 | 0.47 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:34 | 73.3986111 | Deploying | 2 | 840 | 0.88 | 0 | 0.48 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:34 | 73.3989583 | Deploying | 2 | 870 | 0.88 | 0 | 0.5 | 8.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:35 | 73.3993056 | Deploying | 2 | 900 | 0.89 | 0 | 0.52 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:35 | 73.3996528 | Deploying | 2 | 930 | 0.89 | 0 | 0.53 | 8.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:36 | 73.4000000 | Deploying | 2 | 960 | 0.88 | 0 | 0.55 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:36 | 73.4003472 | Deploying | 2 | 990 | 0.89 | 0 | 0.57 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:37 | 73.4006944 | Deploying | 2 | 1020 | 0.88 | 0 | 0.59 | 8.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:37 | 73.4010417 | Deploying | 2 | 1050 | 0.88 | 0 | 0.6 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:38 | 73.4013889 | Deploying | 2 | 1080 | 0.88 | 0 | 0.62 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:38 | 73.4017361 | Deploying | 2 | 1110 | 0.88 | 0 | 0.64 | 8.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:39 | 73.4020833 | Deploying | 2 | 1140 | 0.89 | 0 | 0.65 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:39 | 73.4024306 | Deploying | 2 | 1170 | 0.89 | 0 | 0.67 | 8.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:40 | 73.4027778 | Deploying | 2 | 1200 | 0.89 | 0 | 0.69 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:40 | 73.4031250 | Deploying | 2 | 1230 | 0.9 | 0 | 0.7 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:41 | 73.4034722 | Deploying | 2 | 1260 | 0.9 | 0 | 0.72 | 8.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:41 | 73.4038194 | Deploying | 2 | 1290 | 0.88 | 0 | 0.74 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:42 | 73.4041667 | Deploying | 2 | 1320 | 0.89 | 0 | 0.76 | 8.54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:42 | 73.4045139 | Deploying | 2 | 1350 | 0.88 | 0 | 0.77 | 8.52 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 9:43 | 73.4048611 | Deploying | 2 | 1380 | 0.89 | 0 | 0.79 | 8.51 | 0 | 0 | 0 | 1 | -1 | 0 | -1 |
| 3/13/2016 9:43 | 73.4052083 | Deploying | 2 | 1410 | 0.89 | 0 | 0.81 | 8.52 | 0 | 0 | 0 | 1 | -1 | 0 | -1 |
| 3/13/2016 9:44 | 73.4055556 | Deploying | 2 | 1440 | 0.88 | 0 | 0.82 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:44 | 73.4059028 | Deploying | 2 | 1470 | 0.88 | 0 | 0.84 | 8.52 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 9:45 | 73.4062500 | Deploying | 2 | 1500 | 0.89 | 0 | 0.86 | 8.51 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 9:45 | 73.4065972 | Deploying | 2 | 1530 | 0.89 | 0 | 0.87 | 8.49 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:46 | 73.4069444 Deploying | 2 | 1560 | 0.88 | 0 | 0.89 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:46 | 73.4072917 Deploying | 2 | 1590 | 0.88 | 0 | 0.91 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:47 | 73.4076389 Deploying | 2 | 1620 | 0.88 | 0 | 0.93 | 8.49 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 9:47 | 73.4079745 Winding down 1473 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:47 | 73.4079861 Deploying | 2 | 1650 | 0.88 | 0.06 | 0.94 | 8.54 | 2064 | 1575 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:48 | 73.4083333 Deploying | 2 | 1680 | 0.95 | 0.06 | 0.96 | 8.49 | 2064 | 92 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 9:48 | 73.4086806 Deploying | 2 | 1710 | 0.95 | 0.06 | 0.98 | 8.49 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 9:49 | 73.4090278 Deploying | 2 | 1740 | 0.94 | 0.06 | 0.99 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:49 | 73.4092940 Winding down 1563 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:49 | 73.4093750 Deploying | 2 | 1770 | 0.96 | 0.11 | 1.01 | 8.51 | 2073 | 1574 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:50 | 73.4097222 Deploying | 2 | 1800 | 1.01 | 0.11 | 1.03 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:50 | 73.4100694 Deploying | 2 | 1830 | 1.01 | 0.11 | 1.04 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:51 | 73.4104167 Deploying | 2 | 1860 | 1.02 | 0.11 | 1.06 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:51 | 73.4107639 Deploying | 2 | 1890 | 1.02 | 0.11 | 1.08 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:51 | 73.4108565 Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:52 | 73.4111111 Deploying | 2 | 1920 | 1.06 | 0.18 | 1.1 | 8.48 | 2078 | 1590 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:52 | 73.4114583 Deploying | 2 | 1950 | 1.08 | 0.18 | 1.11 | 8.49 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/13/2016 9:53 | 73.4118056 Deploying | 2 | 1980 | 1.09 | 0.18 | 1.13 | 8.49 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 9:53 | 73.4121528 Deploying | 2 | 2010 | 1.08 | 0.18 | 1.15 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:53 | 73.4121644 Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:54 | 73.4125000 Deploying | 2 | 2040 | 1.16 | 0.24 | 1.16 | 8.49 | 2244 | 1611 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:54 | 73.4128472 Deploying | 2 | 2070 | 1.16 | 0.24 | 1.18 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:55 | 73.4131944 Deploying | 2 | 2100 | 1.16 | 0.24 | 1.2 | 8.49 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 9:55 | 73.4135417 Deploying | 2 | 2130 | 1.17 | 0.24 | 1.21 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:55 | 73.4138542 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4138889 Deploying | 2 | 2160 | 1.17 | 0.3 | 1.23 | 8.49 | 2252 | 1613 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:56 | 73.4142361 Deploying | 2 | 2190 | 1.22 | 0.3 | 1.25 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:57 | 73.4145833 Deploying | 2 | 2220 | 1.22 | 0.3 | 1.27 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:57 | 73.4149306 Deploying | 2 | 2250 | 1.24 | 0.3 | 1.28 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:57 | 73.4152083 Winding down 1852 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:58 | 73.4152778 Deploying | 2 | 2280 | 1.24 | 0.37 | 1.3 | 8.51 | 2134 | 1616 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:58 | 73.4156250 Deploying | 2 | 2310 | 1.31 | 0.37 | 1.32 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:59 | 73.4159722 Deploying | 2 | 2340 | 1.31 | 0.37 | 1.33 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 9:59 | 73.4163194 Deploying | 2 | 2370 | 1.32 | 0.37 | 1.35 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:00 | 73.4166667 Deploying | 2 | 2400 | 1.32 | 0.37 | 1.37 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:00 | 73.4168634 Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:00 | 73.4170139 Deploying | 2 | 2430 | 1.34 | 0.43 | 1.38 | 8.51 | 2257 | 1618 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:01 | 73.4173611 Deploying | 2 | 2460 | 1.37 | 0.43 | 1.4 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:01 | 73.4177083 Deploying | 2 | 2490 | 1.37 | 0.43 | 1.42 | 8.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:01 | 73.4179630 Winding down 1599 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:02 | 73.4180556 Deploying | 2 | 2520 | 1.39 | 0.49 | 1.44 | 8.49 | 2129 | 1607 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:02 | 73.4184028 Deploying | 2 | 2550 | 1.44 | 0.49 | 1.45 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:03 | 73.4187500 Deploying | 2 | 2580 | 1.43 | 0.49 | 1.47 | 8.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:03 | 73.4190972 Deploying | 2 | 2610 | 1.44 | 0.49 | 1.49 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:04 | 73.4194444 Deploying | 2 | 2640 | 1.45 | 0.49 | 1.5 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:04 | 73.4195486 Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:04 | 73.4197917 Deploying | 2 | 2670 | 1.5 | 0.54 | 1.52 | 8.49 | 2254 | 1614 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:05 | 73.4201389 Deploying | 2 | 2700 | 1.5 | 0.54 | 1.54 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:05 | 73.4204861 Deploying | 2 | 2730 | 1.49 | 0.54 | 1.55 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:05 | 73.4205440 Winding down 1608 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:06 | 73.4208333 Deploying | 2 | 2760 | 1.55 | 0.6 | 1.57 | 8.46 | 2085 | 1598 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:06 | 73.4211806 Deploying | 2 | 2790 | 1.58 | 0.6 | 1.59 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:07 | 73.4215278 Deploying | 2 | 2820 | 1.58 | 0.6 | 1.61 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | Status | Col | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:07 | 73.4218750 | Deploying | 2 | 2850 | 1.57 | 0.6 | 1.62 | 8.49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:07 | 73.4221412 | Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:08 | 73.4222222 | Deploying | 2 | 2880 | 1.59 | 0.67 | 1.64 | 8.48 | 2257 | 1621 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:08 | 73.4225694 | Deploying | 2 | 2910 | 1.65 | 0.67 | 1.66 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:09 | 73.4229167 | Deploying | 2 | 2940 | 1.65 | 0.67 | 1.67 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:09 | 73.4232639 | Deploying | 2 | 2970 | 1.65 | 0.67 | 1.69 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:09 | 73.4235995 | Winding down 1723 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:10 | 73.4236111 | Deploying | 2 | 3000 | 1.64 | 0.73 | 1.71 | 8.49 | 2118 | 1611 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:10 | 73.4239583 | Deploying | 2 | 3030 | 1.72 | 0.73 | 1.72 | 8.49 | 2118 | 82 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:11 | 73.4243056 | Deploying | 2 | 3060 | 1.71 | 0.73 | 1.74 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:11 | 73.4246528 | Deploying | 2 | 3090 | 1.7 | 0.73 | 1.76 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:11 | 73.4248032 | Winding down 1521 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:12 | 73.4250000 | Deploying | 2 | 3120 | 1.76 | 0.79 | 1.78 | 8.46 | 2277 | 1624 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:12 | 73.4253472 | Deploying | 2 | 3150 | 1.78 | 0.79 | 1.79 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:13 | 73.4256944 | Deploying | 2 | 3180 | 1.79 | 0.79 | 1.81 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:13 | 73.4260417 | Deploying | 2 | 3210 | 1.78 | 0.79 | 1.83 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:14 | 73.4263889 | Deploying | 2 | 3240 | 1.78 | 0.79 | 1.84 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:14 | 73.4264583 | Winding down 1697 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:14 | 73.4267361 | Deploying | 2 | 3270 | 1.84 | 0.86 | 1.86 | 8.48 | 2290 | 1631 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:15 | 73.4270833 | Deploying | 2 | 3300 | 1.85 | 0.86 | 1.88 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:15 | 73.4274306 | Deploying | 2 | 3330 | 1.85 | 0.86 | 1.89 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:16 | 73.4277778 | Deploying | 2 | 3360 | 1.84 | 0.86 | 1.91 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:16 | 73.4278009 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:16 | 73.4281250 | Deploying | 2 | 3390 | 1.92 | 0.92 | 1.93 | 8.48 | 2284 | 1633 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:17 | 73.4284722 | Deploying | 2 | 3420 | 1.94 | 0.92 | 1.95 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:17 | 73.4288194 | Deploying | 2 | 3450 | 1.92 | 0.92 | 1.96 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:18 | 73.4291667 | Deploying | 2 | 3480 | 1.94 | 0.92 | 1.98 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:18 | 73.4294907 | Winding down 1784 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4295139 | Deploying | 2 | 3510 | 1.93 | 0.99 | 2 | 8.4 | 2270 | 1622 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:19 | 73.4298611 | Deploying | 2 | 3540 | 2.01 | 0.99 | 2.01 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:19 | 73.4302083 | Deploying | 2 | 3570 | 2 | 0.99 | 2.03 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:20 | 73.4305556 | Deploying | 2 | 3600 | 1.99 | 0.99 | 2.05 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:20 | 73.4307176 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:20 | 73.4309028 | Deploying | 2 | 3630 | 2.04 | 1.04 | 2.06 | 8.44 | 2147 | 1614 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:21 | 73.4312500 | Deploying | 2 | 3660 | 2.07 | 1.04 | 2.08 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:21 | 73.4315972 | Deploying | 2 | 3690 | 2.07 | 1.04 | 2.1 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:22 | 73.4319444 | Deploying | 2 | 3720 | 2.06 | 1.04 | 2.12 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:22 | 73.4321759 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:22 | 73.4322917 | Deploying | 2 | 3750 | 2.09 | 1.1 | 2.13 | 8.44 | 2263 | 1625 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:23 | 73.4326389 | Deploying | 2 | 3780 | 2.13 | 1.1 | 2.15 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:23 | 73.4329861 | Deploying | 2 | 3810 | 2.14 | 1.1 | 2.17 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:24 | 73.4333333 | Deploying | 2 | 3840 | 2.13 | 1.1 | 2.18 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:24 | 73.4335301 | Winding down 1603 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:24 | 73.4336806 | Deploying | 2 | 3870 | 2.17 | 1.17 | 2.2 | 8.46 | 2259 | 1625 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:25 | 73.4340278 | Deploying | 2 | 3900 | 2.2 | 1.17 | 2.22 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:25 | 73.4343750 | Deploying | 2 | 3930 | 2.2 | 1.17 | 2.23 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:26 | 73.4347222 | Deploying | 2 | 3960 | 2.2 | 1.17 | 2.25 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:26 | 73.4350694 | Deploying | 2 | 3990 | 2.2 | 1.17 | 2.27 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:26 | 73.4350694 | Winding down 1837 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:27 | 73.4354167 | Deploying | 2 | 4020 | 2.28 | 1.23 | 2.29 | 8.43 | 2265 | 1622 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:27 | 73.4357639 | Deploying | 2 | 4050 | 2.27 | 1.23 | 2.3 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:28 | 73.4361111 | Deploying | 2 | 4080 | 2.28 | 1.23 | 2.32 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:28 | 73.4364583 | Deploying | 2 | 4110 | 2.28 | 1.23 | 2.34 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value/Status | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/13/2016 10:28 | 73.4366782 Winding down 1931 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:29 | 73.4368056 Deploying | 2 | 4140 | 2.31 | 1.31 | 2.35 | 8.44 | 2104 | 1599 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:29 | 73.4371528 Deploying | 2 | 4170 | 2.37 | 1.31 | 2.37 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:30 | 73.4375000 Deploying | 2 | 4200 | 2.37 | 1.31 | 2.39 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:30 | 73.4378472 Deploying | 2 | 4230 | 2.36 | 1.31 | 2.4 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:31 | 73.4381944 Deploying | 2 | 4260 | 2.36 | 1.31 | 2.42 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:31 | 73.4382523 Winding down 1683 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:31 | 73.4385417 Deploying | 2 | 4290 | 2.42 | 1.37 | 2.44 | 8.43 | 2119 | 1613 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:32 | 73.4388889 Deploying | 2 | 4320 | 2.43 | 1.37 | 2.46 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:32 | 73.4392361 Deploying | 2 | 4350 | 2.43 | 1.37 | 2.47 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:33 | 73.4395833 Deploying | 2 | 4380 | 2.42 | 1.37 | 2.49 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:33 | 73.4396528 Winding down 1672 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:33 | 73.4399306 Deploying | 2 | 4410 | 2.48 | 1.43 | 2.51 | 8.41 | 2253 | 1613 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:34 | 73.4402778 Deploying | 2 | 4440 | 2.51 | 1.43 | 2.52 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:34 | 73.4406250 Deploying | 2 | 4470 | 2.5 | 1.43 | 2.54 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:35 | 73.4409722 Deploying | 2 | 4500 | 2.5 | 1.43 | 2.56 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:35 | 73.4410185 Winding down 1594 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:35 | 73.4413194 Deploying | 2 | 4530 | 2.57 | 1.49 | 2.57 | 8.41 | 2233 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:36 | 73.4416667 Deploying | 2 | 4560 | 2.58 | 1.49 | 2.59 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:36 | 73.4420139 Deploying | 2 | 4590 | 2.58 | 1.49 | 2.61 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:37 | 73.4423611 Deploying | 2 | 4620 | 2.58 | 1.49 | 2.63 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:37 | 73.4426852 Winding down 1659 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:37 | 73.4427083 Deploying | 2 | 4650 | 2.58 | 1.56 | 2.64 | 8.37 | 2247 | 1612 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:38 | 73.4430556 Deploying | 2 | 4680 | 2.65 | 1.56 | 2.66 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:38 | 73.4434028 Deploying | 2 | 4710 | 2.64 | 1.56 | 2.68 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:39 | 73.4437500 Deploying | 2 | 4740 | 2.64 | 1.56 | 2.69 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:39 | 73.4437847 Winding down 1405 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:39 | 73.4440972 Deploying | 2 | 4770 | 2.69 | 1.61 | 2.71 | 8.4 | 2124 | 1615 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:40 | 73.4444444 Deploying | 2 | 4800 | 2.7 | 1.61 | 2.73 | 8.38 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 10:40 | 73.4447917 Deploying | 2 | 4830 | 2.71 | 1.61 | 2.74 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:41 | 73.4451389 Deploying | 2 | 4860 | 2.7 | 1.61 | 2.76 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:41 | 73.4452431 Winding down 1440 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:41 | 73.4454861 Deploying | 2 | 4890 | 2.75 | 1.67 | 2.78 | 8.41 | 2123 | 1608 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:42 | 73.4458333 Deploying | 2 | 4920 | 2.78 | 1.67 | 2.8 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:42 | 73.4461806 Deploying | 2 | 4950 | 2.76 | 1.67 | 2.81 | 8.43 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/13/2016 10:42 | 73.4464931 Winding down 1470 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:43 | 73.4465278 Deploying | 2 | 4980 | 2.78 | 1.72 | 2.83 | 8.46 | 2130 | 1633 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 10:43 | 73.4468750 Deploying | 2 | 5010 | 2.84 | 1.72 | 2.85 | 8.41 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/13/2016 10:44 | 73.4472222 Deploying | 2 | 5040 | 2.84 | 1.72 | 2.86 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:44 | 73.4475694 Deploying | 2 | 5070 | 2.85 | 1.72 | 2.88 | 8.41 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 10:45 | 73.4479167 Deploying | 2 | 5100 | 2.84 | 1.72 | 2.9 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:45 | 73.4481134 Winding down 1978 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:45 | 73.4482639 Deploying | 2 | 5130 | 2.87 | 1.8 | 2.91 | 8.38 | 2154 | 1613 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:46 | 73.4486111 Deploying | 2 | 5160 | 2.92 | 1.8 | 2.93 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:46 | 73.4489583 Deploying | 2 | 5190 | 2.91 | 1.8 | 2.95 | 8.41 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 10:47 | 73.4493056 Deploying | 2 | 5220 | 2.92 | 1.8 | 2.97 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:47 | 73.4496181 Winding down 1794 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:47 | 73.4496528 Deploying | 2 | 5250 | 2.92 | 1.86 | 2.98 | 8.4 | 2264 | 1610 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:48 | 73.4500000 Deploying | 2 | 5280 | 3 | 1.86 | 3 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:48 | 73.4503472 Deploying | 2 | 5310 | 3 | 1.86 | 3.02 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:49 | 73.4506944 Deploying | 2 | 5340 | 2.99 | 1.86 | 3.03 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:49 | 73.4510417 Deploying | 2 | 5370 | 2.99 | 1.86 | 3.05 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:49 | 73.4512384 Winding down 1703 ticks | 3 | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:50 | 73.4513889 Deploying | 2 | 5400 | 3.03 | 1.93 | 3.07 | 8.37 | 2270 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:50 | 73.4517361 Deploying | 2 | 5430 | 3.06 | 1.93 | 3.08 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:51 | 73.4520833 Deploying | 2 | 5460 | 3.06 | 1.93 | 3.1 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:51 | 73.4524306 Deploying | 2 | 5490 | 3.07 | 1.93 | 3.12 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:51 | 73.4525810 Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:52 | 73.4527778 Deploying | 2 | 5520 | 3.1 | 1.99 | 3.14 | 8.4 | 2254 | 1620 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:52 | 73.4531250 Deploying | 2 | 5550 | 3.14 | 1.99 | 3.15 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:53 | 73.4534722 Deploying | 2 | 5580 | 3.14 | 1.99 | 3.17 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:53 | 73.4538194 Deploying | 2 | 5610 | 3.13 | 1.99 | 3.19 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:53 | 73.4540394 Winding down 1431 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:54 | 73.4541667 Deploying | 2 | 5640 | 3.16 | 2.04 | 3.2 | 8.4 | 2199 | 1614 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:54 | 73.4545139 Deploying | 2 | 5670 | 3.19 | 2.04 | 3.22 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:55 | 73.4548611 Deploying | 2 | 5700 | 3.2 | 2.04 | 3.24 | 8.38 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 10:55 | 73.4552083 Deploying | 2 | 5730 | 3.2 | 2.04 | 3.25 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:55 | 73.4553009 Winding down 1425 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:56 | 73.4555556 Deploying | 2 | 5760 | 3.25 | 2.1 | 3.27 | 8.4 | 2265 | 1621 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:56 | 73.4559028 Deploying | 2 | 5790 | 3.27 | 2.1 | 3.29 | 8.41 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 10:57 | 73.4562500 Deploying | 2 | 5820 | 3.27 | 2.1 | 3.31 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:57 | 73.4565972 Deploying | 2 | 5850 | 3.26 | 2.1 | 3.32 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:57 | 73.4567824 Winding down 1914 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:58 | 73.4569444 Deploying | 2 | 5880 | 3.3 | 2.17 | 3.34 | 8.4 | 2081 | 1561 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 10:58 | 73.4572917 Deploying | 2 | 5910 | 3.33 | 2.17 | 3.36 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:59 | 73.4576389 Deploying | 2 | 5940 | 3.35 | 2.17 | 3.37 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 10:59 | 73.4579861 Deploying | 2 | 5970 | 3.35 | 2.17 | 3.39 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:00 | 73.4583333 Deploying | 2 | 6000 | 3.35 | 2.17 | 3.41 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:00 | 73.4584144 Winding down 1861 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:00 | 73.4586806 Deploying | 2 | 6030 | 3.4 | 2.24 | 3.42 | 8.38 | 2229 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:01 | 73.4590278 Deploying | 2 | 6060 | 3.42 | 2.24 | 3.44 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:01 | 73.4593750 Deploying | 2 | 6090 | 3.42 | 2.24 | 3.46 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:01 | 73.4596875 Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:02 | 73.4597222 Deploying | 2 | 6120 | 3.42 | 2.3 | 3.48 | 8.38 | 2128 | 1622 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:02 | 73.4600694 Deploying | 2 | 6150 | 3.5 | 2.3 | 3.49 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:03 | 73.4604167 Deploying | 2 | 6180 | 3.49 | 2.3 | 3.51 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:03 | 73.4607639 Deploying | 2 | 6210 | 3.49 | 2.3 | 3.53 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:04 | 73.4611111 Deploying | 2 | 6240 | 3.49 | 2.3 | 3.54 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:04 | 73.4612847 Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:04 | 73.4614583 Deploying | 2 | 6270 | 3.52 | 2.36 | 3.56 | 8.38 | 2150 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:05 | 73.4618056 Deploying | 2 | 6300 | 3.55 | 2.36 | 3.58 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:05 | 73.4621528 Deploying | 2 | 6330 | 3.55 | 2.36 | 3.59 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:06 | 73.4625000 Deploying | 2 | 6360 | 3.56 | 2.36 | 3.61 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:06 | 73.4626620 Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:06 | 73.4628472 Deploying | 2 | 6390 | 3.6 | 2.42 | 3.63 | 8.4 | 2154 | 1621 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:07 | 73.4631944 Deploying | 2 | 6420 | 3.63 | 2.42 | 3.65 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:07 | 73.4635417 Deploying | 2 | 6450 | 3.63 | 2.42 | 3.66 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:08 | 73.4638889 Deploying | 2 | 6480 | 3.62 | 2.42 | 3.68 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:08 | 73.4640625 Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:08 | 73.4642361 Deploying | 2 | 6510 | 3.66 | 2.48 | 3.7 | 8.38 | 2277 | 1646 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:09 | 73.4645833 Deploying | 2 | 6540 | 3.69 | 2.48 | 3.71 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:09 | 73.4649306 Deploying | 2 | 6570 | 3.69 | 2.48 | 3.73 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:10 | 73.4652778 Deploying | 2 | 6600 | 3.69 | 2.48 | 3.75 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:10 | 73.4654167 Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:10 | 73.4656250 Deploying | 2 | 6630 | 3.74 | 2.54 | 3.76 | 8.37 | 2253 | 1624 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:11 | 73.4659722 Deploying | 2 | 6660 | 3.77 | 2.54 | 3.78 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 11:11 | 73.4663194 Deploying | | 2 | 6690 | 3.77 | 2.54 | 3.8 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:12 | 73.4666667 Deploying | | 2 | 6720 | 3.77 | 2.54 | 3.82 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:12 | 73.4670139 Deploying | | 2 | 6750 | 3.77 | 2.54 | 3.83 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:12 | 73.4670949 Winding down 1736 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:13 | 73.4673611 Deploying | | 2 | 6780 | 3.82 | 2.61 | 3.85 | 8.4 | 2201 | 1630 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:13 | 73.4677083 Deploying | | 2 | 6810 | 3.84 | 2.61 | 3.87 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:14 | 73.4680556 Deploying | | 2 | 6840 | 3.83 | 2.61 | 3.88 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:14 | 73.4681944 Winding down 1332 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:14 | 73.4684028 Deploying | | 2 | 6870 | 3.88 | 2.66 | 3.9 | 8.37 | 2291 | 1647 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:15 | 73.4687500 Deploying | | 2 | 6900 | 3.9 | 2.66 | 3.92 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:15 | 73.4690972 Deploying | | 2 | 6930 | 3.91 | 2.66 | 3.93 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:16 | 73.4694444 Deploying | | 2 | 6960 | 3.9 | 2.66 | 3.95 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:16 | 73.4697222 Winding down 1602 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:16 | 73.4697917 Deploying | | 2 | 6990 | 3.91 | 2.72 | 3.97 | 8.38 | 2249 | 1636 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:17 | 73.4701389 Deploying | | 2 | 7020 | 3.97 | 2.72 | 3.99 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:17 | 73.4704861 Deploying | | 2 | 7050 | 3.96 | 2.72 | 4 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:18 | 73.4708333 Deploying | | 2 | 7080 | 3.97 | 2.72 | 4.02 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:18 | 73.4710069 Winding down 1525 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:18 | 73.4711806 Deploying | | 2 | 7110 | 4 | 2.78 | 4.04 | 8.4 | 2279 | 1658 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:19 | 73.4715278 Deploying | | 2 | 7140 | 4.03 | 2.78 | 4.05 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:19 | 73.4718750 Deploying | | 2 | 7170 | 4.03 | 2.78 | 4.07 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:20 | 73.4722222 Deploying | | 2 | 7200 | 4.03 | 2.78 | 4.09 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:20 | 73.4724421 Winding down 1656 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:20 | 73.4725694 Deploying | | 2 | 7230 | 4.06 | 2.84 | 4.1 | 8.4 | 2284 | 1648 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 11:21 | 73.4729167 Deploying | | 2 | 7260 | 4.11 | 2.84 | 4.12 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:21 | 73.4732639 Deploying | | 2 | 7290 | 4.1 | 2.84 | 4.14 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:22 | 73.4736111 Deploying | | 2 | 7320 | 4.11 | 2.84 | 4.16 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:22 | 73.4738542 Winding down 1710 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:22 | 73.4739583 Deploying | | 2 | 7350 | 4.12 | 2.9 | 4.17 | 8.35 | 2154 | 1631 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 11:23 | 73.4743056 Deploying | | 2 | 7380 | 4.17 | 2.9 | 4.19 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:23 | 73.4746528 Deploying | | 2 | 7410 | 4.17 | 2.9 | 4.21 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:24 | 73.4750000 Deploying | | 2 | 7440 | 4.18 | 2.9 | 4.22 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:24 | 73.4752894 Winding down 1766 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:24 | 73.4753472 Deploying | | 2 | 7470 | 4.19 | 2.97 | 4.24 | 8.38 | 2257 | 1644 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 11:25 | 73.4756944 Deploying | | 2 | 7500 | 4.25 | 2.97 | 4.26 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:25 | 73.4760417 Deploying | | 2 | 7530 | 4.25 | 2.97 | 4.27 | 8.37 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 11:26 | 73.4763889 Deploying | | 2 | 7560 | 4.25 | 2.97 | 4.29 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:26 | 73.4767361 Deploying | | 2 | 7590 | 4.26 | 2.97 | 4.31 | 8.37 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 11:26 | 73.4769329 Winding down 1603 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:27 | 73.4770833 Deploying | | 2 | 7620 | 4.29 | 3.03 | 4.33 | 8.37 | 2136 | 1627 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 11:27 | 73.4774306 Deploying | | 2 | 7650 | 4.32 | 3.03 | 4.34 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:28 | 73.4777778 Deploying | | 2 | 7680 | 4.31 | 3.03 | 4.36 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:28 | 73.4780787 Winding down 1655 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:28 | 73.4781250 Deploying | | 2 | 7710 | 4.32 | 3.1 | 4.38 | 8.37 | 2292 | 1636 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:29 | 73.4784722 Deploying | | 2 | 7740 | 4.4 | 3.1 | 4.39 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:29 | 73.4788194 Deploying | | 2 | 7770 | 4.39 | 3.1 | 4.41 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:30 | 73.4791667 Deploying | | 2 | 7800 | 4.39 | 3.1 | 4.43 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:30 | 73.4795139 Deploying | | 2 | 7830 | 4.39 | 3.1 | 4.44 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:30 | 73.4796875 Winding down 1750 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:31 | 73.4798611 Deploying | | 2 | 7860 | 4.42 | 3.16 | 4.46 | 8.35 | 2171 | 1632 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 11:31 | 73.4802083 Deploying | | 2 | 7890 | 4.46 | 3.16 | 4.48 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:32 | 73.4805556 Deploying | | 2 | 7920 | 4.46 | 3.16 | 4.5 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:32 | 73.4809028 Deploying | | 2 | 7950 | 4.47 | 3.16 | 4.51 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value / Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/13/2016 11:33 | 73.4812500 Deploying | 2 | 7980 | 4.47 | 3.16 | 4.53 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:33 | 73.4813542 Winding down 1815 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:33 | 73.4815972 Deploying | 2 | 8010 | 4.52 | 3.23 | 4.55 | 8.37 | 2272 | 1637 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:34 | 73.4819444 Deploying | 2 | 8040 | 4.55 | 3.23 | 4.56 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:34 | 73.4822917 Deploying | 2 | 8070 | 4.55 | 3.23 | 4.58 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:35 | 73.4826389 Deploying | 2 | 8100 | 4.54 | 3.23 | 4.6 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:35 | 73.4827083 Winding down 1497 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:35 | 73.4829861 Deploying | 2 | 8130 | 4.6 | 3.29 | 4.61 | 8.37 | 2150 | 1641 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:36 | 73.4833333 Deploying | 2 | 8160 | 4.61 | 3.29 | 4.63 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:36 | 73.4836806 Deploying | 2 | 8190 | 4.62 | 3.29 | 4.65 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:37 | 73.4840278 Deploying | 2 | 8220 | 4.61 | 3.29 | 4.67 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:37 | 73.4842593 Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:37 | 73.4843750 Deploying | 2 | 8250 | 4.63 | 3.35 | 4.68 | 8.33 | 2272 | 1636 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:38 | 73.4847222 Deploying | 2 | 8280 | 4.68 | 3.35 | 4.7 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:38 | 73.4850694 Deploying | 2 | 8310 | 4.68 | 3.35 | 4.72 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:39 | 73.4854167 Deploying | 2 | 8340 | 4.68 | 3.35 | 4.73 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:39 | 73.4854398 Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:39 | 73.4857639 Deploying | 2 | 8370 | 4.73 | 3.41 | 4.75 | 8.37 | 2142 | 1638 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:40 | 73.4861111 Deploying | 2 | 8400 | 4.74 | 3.41 | 4.77 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:40 | 73.4864583 Deploying | 2 | 8430 | 4.74 | 3.41 | 4.78 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:41 | 73.4868056 Deploying | 2 | 8460 | 4.73 | 3.41 | 4.8 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:41 | 73.4868403 Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:41 | 73.4871528 Deploying | 2 | 8490 | 4.8 | 3.47 | 4.82 | 8.37 | 2153 | 1625 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:42 | 73.4875000 Deploying | 2 | 8520 | 4.81 | 3.47 | 4.84 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:42 | 73.4878472 Deploying | 2 | 8550 | 4.81 | 3.47 | 4.85 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:43 | 73.4881944 Deploying | 2 | 8580 | 4.82 | 3.47 | 4.87 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:43 | 73.4883565 Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:43 | 73.4885417 Deploying | 2 | 8610 | 4.86 | 3.53 | 4.89 | 8.37 | 2271 | 1633 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:44 | 73.4888889 Deploying | 2 | 8640 | 4.88 | 3.53 | 4.9 | 8.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:44 | 73.4892361 Deploying | 2 | 8670 | 4.88 | 3.53 | 4.92 | 8.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:45 | 73.4895833 Deploying | 2 | 8700 | 4.89 | 3.53 | 4.94 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:45 | 73.4897106 Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:45 | 73.4899306 Deploying | 2 | 8730 | 4.92 | 3.6 | 4.95 | 8.37 | 2125 | 1620 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:46 | 73.4902778 Deploying | 2 | 8760 | 4.94 | 3.6 | 4.97 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:46 | 73.4906250 Deploying | 2 | 8790 | 4.96 | 3.6 | 4.99 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:47 | 73.4909722 Deploying | 2 | 8820 | 4.95 | 3.6 | 5.01 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:47 | 73.4910301 Winding down 1383 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:47 | 73.4913194 Deploying | 2 | 8850 | 4.99 | 3.65 | 5.02 | 8.37 | 2253 | 1622 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:48 | 73.4916667 Deploying | 2 | 8880 | 5.01 | 3.65 | 5.04 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:48 | 73.4920139 Deploying | 2 | 8910 | 5.01 | 3.65 | 5.06 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:49 | 73.4923611 Deploying | 2 | 8940 | 5 | 3.65 | 5.07 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:49 | 73.4923611 Winding down 1862 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:49 | 73.4927083 Deploying | 2 | 8970 | 5.08 | 3.72 | 5.09 | 8.35 | 2292 | 1640 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:50 | 73.4930556 Deploying | 2 | 9000 | 5.09 | 3.72 | 5.11 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:50 | 73.4934028 Deploying | 2 | 9030 | 5.09 | 3.72 | 5.12 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:51 | 73.4937500 Deploying | 2 | 9060 | 5.08 | 3.72 | 5.14 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:51 | 73.4938773 Winding down 1568 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:51 | 73.4940972 Deploying | 2 | 9090 | 5.13 | 3.78 | 5.16 | 8.33 | 2137 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:52 | 73.4944444 Deploying | 2 | 9120 | 5.15 | 3.78 | 5.18 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:52 | 73.4947917 Deploying | 2 | 9150 | 5.15 | 3.78 | 5.19 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:52 | 73.4951042 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:53 | 73.4951389 Deploying | 2 | 9180 | 5.15 | 3.84 | 5.21 | 8.32 | 2224 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:53 | 73.4954861 Deploying | 2 | 9210 | 5.23 | 3.84 | 5.23 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 11:54 | 73.4958333 | Deploying | 2 | 9240 | 5.23 | 3.84 | 5.24 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:54 | 73.4961806 | Deploying | 2 | 9270 | 5.22 | 3.84 | 5.26 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:55 | 73.4965278 | Deploying | 2 | 9300 | 5.22 | 3.84 | 5.28 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:55 | 73.4965856 | Winding down 1458 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:55 | 73.4968750 | Deploying | 2 | 9330 | 5.27 | 3.9 | 5.29 | 8.33 | 2185 | 1640 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:56 | 73.4972222 | Deploying | 2 | 9360 | 5.28 | 3.9 | 5.31 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:56 | 73.4975694 | Deploying | 2 | 9390 | 5.28 | 3.9 | 5.33 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:57 | 73.4979167 | Deploying | 2 | 9420 | 5.28 | 3.9 | 5.35 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:57 | 73.4980440 | Winding down 1893 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:57 | 73.4982639 | Deploying | 2 | 9450 | 5.33 | 3.97 | 5.36 | 8.33 | 2145 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:58 | 73.4986111 | Deploying | 2 | 9480 | 5.36 | 3.97 | 5.38 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:58 | 73.4989583 | Deploying | 2 | 9510 | 5.36 | 3.97 | 5.4 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:59 | 73.4993056 | Deploying | 2 | 9540 | 5.36 | 3.97 | 5.41 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 11:59 | 73.4993866 | Winding down 1661 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:59 | 73.4996528 | Deploying | 2 | 9570 | 5.4 | 4.03 | 5.43 | 8.35 | 2272 | 1633 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:00 | 73.5000000 | Deploying | 2 | 9600 | 5.43 | 4.03 | 5.45 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:00 | 73.5003472 | Deploying | 2 | 9630 | 5.43 | 4.03 | 5.46 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:01 | 73.5006944 | Deploying | 2 | 9660 | 5.43 | 4.03 | 5.48 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:01 | 73.5008218 | Winding down 1443 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:01 | 73.5010417 | Deploying | 2 | 9690 | 5.47 | 4.09 | 5.5 | 8.35 | 2265 | 1632 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:02 | 73.5013889 | Deploying | 2 | 9720 | 5.49 | 4.09 | 5.52 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:02 | 73.5017361 | Deploying | 2 | 9750 | 5.49 | 4.09 | 5.53 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:02 | 73.5020370 | Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:03 | 73.5020833 | Deploying | 2 | 9780 | 5.49 | 4.15 | 5.55 | 8.32 | 2277 | 1621 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:03 | 73.5024306 | Deploying | 2 | 9810 | 5.57 | 4.15 | 5.57 | 8.33 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 12:04 | 73.5027778 | Deploying | 2 | 9840 | 5.55 | 4.15 | 5.58 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:04 | 73.5031250 | Deploying | 2 | 9870 | 5.56 | 4.15 | 5.6 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:05 | 73.5034722 | Deploying | 2 | 9900 | 5.56 | 4.15 | 5.62 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:05 | 73.5036227 | Winding down 1471 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:05 | 73.5038194 | Deploying | 2 | 9930 | 5.6 | 4.21 | 5.63 | 8.33 | 2153 | 1607 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:06 | 73.5041667 | Deploying | 2 | 9960 | 5.62 | 4.21 | 5.65 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:06 | 73.5045139 | Deploying | 2 | 9990 | 5.63 | 4.21 | 5.67 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:07 | 73.5048611 | Deploying | 2 | 10020 | 5.62 | 4.21 | 5.69 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:07 | 73.5049421 | Winding down 1761 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:07 | 73.5052083 | Deploying | 2 | 10050 | 5.68 | 4.28 | 5.7 | 8.35 | 2282 | 1635 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:08 | 73.5055556 | Deploying | 2 | 10080 | 5.7 | 4.28 | 5.72 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:08 | 73.5059028 | Deploying | 2 | 10110 | 5.71 | 4.28 | 5.74 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:09 | 73.5062500 | Deploying | 2 | 10140 | 5.71 | 4.28 | 5.75 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:09 | 73.5065162 | Winding down 1813 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:09 | 73.5065972 | Deploying | 2 | 10170 | 5.71 | 4.35 | 5.77 | 8.32 | 2141 | 1605 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:10 | 73.5069444 | Deploying | 2 | 10200 | 5.77 | 4.35 | 5.79 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:10 | 73.5072917 | Deploying | 2 | 10230 | 5.77 | 4.35 | 5.8 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:11 | 73.5076389 | Deploying | 2 | 10260 | 5.77 | 4.35 | 5.82 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:11 | 73.5077083 | Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:11 | 73.5079861 | Deploying | 2 | 10290 | 5.82 | 4.4 | 5.84 | 8.32 | 2266 | 1625 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:12 | 73.5083333 | Deploying | 2 | 10320 | 5.84 | 4.4 | 5.86 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:12 | 73.5086806 | Deploying | 2 | 10350 | 5.83 | 4.4 | 5.87 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:13 | 73.5090278 | Deploying | 2 | 10380 | 5.84 | 4.4 | 5.89 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:13 | 73.5092245 | Winding down 1578 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:13 | 73.5093750 | Deploying | 2 | 10410 | 5.86 | 4.46 | 5.91 | 8.32 | 2245 | 1626 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:14 | 73.5097222 | Deploying | 2 | 10440 | 5.9 | 4.46 | 5.92 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:14 | 73.5100694 | Deploying | 2 | 10470 | 5.89 | 4.46 | 5.94 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:14 | 73.5103125 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 12:15 | 73.5104167 | Deploying | 2 | 10500 | 5.91 | 4.52 | 5.96 | 8.3 | 2264 | 1620 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:15 | 73.5107639 | Deploying | 2 | 10530 | 5.97 | 4.52 | 5.97 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:16 | 73.5111111 | Deploying | 2 | 10560 | 5.97 | 4.52 | 5.99 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:16 | 73.5114583 | Deploying | 2 | 10590 | 5.97 | 4.52 | 6.01 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:17 | 73.5118056 | Deploying | 2 | 10620 | 5.97 | 4.52 | 6.03 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:17 | 73.5118519 | Winding down 1394 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:17 | 73.5121528 | Deploying | 2 | 10650 | 6.02 | 4.57 | 6.04 | 8.3 | 2247 | 1635 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:18 | 73.5125000 | Deploying | 2 | 10680 | 6.02 | 4.57 | 6.06 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:18 | 73.5128472 | Deploying | 2 | 10710 | 6.02 | 4.57 | 6.08 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:18 | 73.5129167 | Winding down 1597 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:19 | 73.5131944 | Deploying | 2 | 10740 | 6.07 | 4.64 | 6.09 | 8.3 | 2133 | 1617 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:19 | 73.5135417 | Deploying | 2 | 10770 | 6.08 | 4.64 | 6.11 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:20 | 73.5138889 | Deploying | 2 | 10800 | 6.09 | 4.64 | 6.13 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:20 | 73.5142361 | Deploying | 2 | 10830 | 6.08 | 4.64 | 6.14 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:20 | 73.5143287 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:21 | 73.5145833 | Deploying | 2 | 10860 | 6.14 | 4.7 | 6.16 | 8.32 | 2270 | 1634 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:21 | 73.5149306 | Deploying | 2 | 10890 | 6.17 | 4.7 | 6.18 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:22 | 73.5152778 | Deploying | 2 | 10920 | 6.16 | 4.7 | 6.2 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:22 | 73.5156250 | Deploying | 2 | 10950 | 6.14 | 4.7 | 6.21 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:22 | 73.5157176 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5159722 | Deploying | 2 | 10980 | 6.2 | 4.76 | 6.23 | 8.32 | 2134 | 1611 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:23 | 73.5163194 | Deploying | 2 | 11010 | 6.23 | 4.76 | 6.25 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:24 | 73.5166667 | Deploying | 2 | 11040 | 6.23 | 4.76 | 6.26 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:24 | 73.5170139 | Deploying | 2 | 11070 | 6.22 | 4.76 | 6.28 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:24 | 73.5171759 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:25 | 73.5173611 | Deploying | 2 | 11100 | 6.28 | 4.82 | 6.3 | 8.3 | 2159 | 1624 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:25 | 73.5177083 | Deploying | 2 | 11130 | 6.3 | 4.82 | 6.31 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:26 | 73.5180556 | Deploying | 2 | 11160 | 6.3 | 4.82 | 6.33 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:26 | 73.5184028 | Deploying | 2 | 11190 | 6.3 | 4.82 | 6.35 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:27 | 73.5187500 | Deploying | 2 | 11220 | 6.31 | 4.82 | 6.37 | 8.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:27 | 73.5188194 | Winding down 1772 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:27 | 73.5190972 | Deploying | 2 | 11250 | 6.36 | 4.89 | 6.38 | 8.3 | 2217 | 1622 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:28 | 73.5194444 | Deploying | 2 | 11280 | 6.37 | 4.89 | 6.4 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:28 | 73.5197917 | Deploying | 2 | 11310 | 6.37 | 4.89 | 6.42 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:28 | 73.5199306 | Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:29 | 73.5201389 | Deploying | 2 | 11340 | 6.41 | 4.95 | 6.43 | 8.3 | 2262 | 1636 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:29 | 73.5204861 | Deploying | 2 | 11370 | 6.44 | 4.95 | 6.45 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:30 | 73.5208333 | Deploying | 2 | 11400 | 6.44 | 4.95 | 6.47 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:30 | 73.5211806 | Deploying | 2 | 11430 | 6.44 | 4.95 | 6.48 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:31 | 73.5215278 | Deploying | 2 | 11460 | 6.44 | 4.95 | 6.5 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:31 | 73.5215509 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:31 | 73.5218750 | Deploying | 2 | 11490 | 6.52 | 5.01 | 6.52 | 8.32 | 2250 | 1630 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:32 | 73.5222222 | Deploying | 2 | 11520 | 6.51 | 5.01 | 6.54 | 8.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:32 | 73.5225694 | Deploying | 2 | 11550 | 6.51 | 5.01 | 6.55 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:33 | 73.5229167 | Deploying | 2 | 11580 | 6.51 | 5.01 | 6.57 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:33 | 73.5229167 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:33 | 73.5232639 | Deploying | 2 | 11610 | 6.57 | 5.07 | 6.59 | 8.33 | 2146 | 1620 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:34 | 73.5236111 | Deploying | 2 | 11640 | 6.58 | 5.07 | 6.6 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:34 | 73.5239583 | Deploying | 2 | 11670 | 6.58 | 5.07 | 6.62 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:34 | 73.5242477 | Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:35 | 73.5243056 | Deploying | 2 | 11700 | 6.58 | 5.13 | 6.64 | 8.27 | 2273 | 1634 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:35 | 73.5246528 | Deploying | 2 | 11730 | 6.64 | 5.13 | 6.65 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:36 | 73.5250000 | Deploying | 2 | 11760 | 6.65 | 5.13 | 6.67 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 12:36 | 73.5253472 Deploying | 2 | 11790 | 6.64 | 5.13 | 6.69 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:36 | 73.5256713 Winding down 1684 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:37 | 73.5256944 Deploying | 2 | 11820 | 6.65 | 5.2 | 6.71 | 8.22 | 2098 | 1600 | 0 | -1 | 0 | 0 | 0 |
| 3/13/2016 12:37 | 73.5260417 Deploying | 2 | 11850 | 6.71 | 5.2 | 6.72 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:38 | 73.5263889 Deploying | 2 | 11880 | 6.72 | 5.2 | 6.74 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:38 | 73.5267361 Deploying | 2 | 11910 | 6.71 | 5.2 | 6.76 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:38 | 73.5270486 Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:39 | 73.5270833 Deploying | 2 | 11940 | 6.71 | 5.26 | 6.77 | 8.3 | 2268 | 1640 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:39 | 73.5274306 Deploying | 2 | 11970 | 6.78 | 5.26 | 6.79 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:40 | 73.5277778 Deploying | 2 | 12000 | 6.8 | 5.26 | 6.81 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:40 | 73.5281250 Deploying | 2 | 12030 | 6.78 | 5.26 | 6.82 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:41 | 73.5284722 Deploying | 2 | 12060 | 6.78 | 5.26 | 6.84 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:41 | 73.5285069 Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:41 | 73.5288194 Deploying | 2 | 12090 | 6.85 | 5.32 | 6.86 | 8.29 | 2277 | 1640 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:42 | 73.5291667 Deploying | 2 | 12120 | 6.87 | 5.32 | 6.88 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:42 | 73.5295139 Deploying | 2 | 12150 | 6.86 | 5.32 | 6.89 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:43 | 73.5298611 Deploying | 2 | 12180 | 6.85 | 5.32 | 6.91 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:43 | 73.5300463 Winding down 1764 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:43 | 73.5302083 Deploying | 2 | 12210 | 6.88 | 5.39 | 6.93 | 8.29 | 2278 | 1616 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:44 | 73.5305556 Deploying | 2 | 12240 | 6.93 | 5.39 | 6.94 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:44 | 73.5309028 Deploying | 2 | 12270 | 6.93 | 5.39 | 6.96 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:45 | 73.5312500 Deploying | 2 | 12300 | 6.93 | 5.39 | 6.98 | 8.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:45 | 73.5315972 Deploying | 2 | 12330 | 6.93 | 5.39 | 6.99 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:45 | 73.5316551 Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:46 | 73.5319444 Deploying | 2 | 12360 | 6.98 | 5.45 | 7.01 | 8.32 | 2288 | 1640 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:46 | 73.5322917 Deploying | 2 | 12390 | 7 | 5.45 | 7.03 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:47 | 73.5326389 Deploying | 2 | 12420 | 7 | 5.45 | 7.05 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:47 | 73.5329282 Winding down 1691 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:47 | 73.5329861 Deploying | 2 | 12450 | 7 | 5.52 | 7.06 | 8.27 | 2266 | 1620 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:48 | 73.5333333 Deploying | 2 | 12480 | 7.08 | 5.52 | 7.08 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:48 | 73.5336806 Deploying | 2 | 12510 | 7.07 | 5.52 | 7.1 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:49 | 73.5340278 Deploying | 2 | 12540 | 7.08 | 5.52 | 7.11 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:49 | 73.5343750 Deploying | 2 | 12570 | 7.07 | 5.52 | 7.13 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:49 | 73.5345255 Winding down 1846 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:50 | 73.5347222 Deploying | 2 | 12600 | 7.13 | 5.59 | 7.15 | 8.25 | 2266 | 1624 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:50 | 73.5350694 Deploying | 2 | 12630 | 7.15 | 5.59 | 7.16 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:51 | 73.5354167 Deploying | 2 | 12660 | 7.14 | 5.59 | 7.18 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:51 | 73.5357639 Deploying | 2 | 12690 | 7.14 | 5.59 | 7.2 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:51 | 73.5357755 Winding down 1476 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:52 | 73.5361111 Deploying | 2 | 12720 | 7.2 | 5.64 | 7.22 | 8.3 | 2127 | 1600 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 12:50 | 73.5364583 Deploying | 2 | 12750 | 7.21 | 5.64 | 7.23 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:53 | 73.5368056 Deploying | 2 | 12780 | 7.21 | 5.64 | 7.25 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:53 | 73.5371528 Deploying | 2 | 12810 | 7.22 | 5.64 | 7.27 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:54 | 73.5375000 Deploying | 2 | 12840 | 7.22 | 5.64 | 7.28 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:54 | 73.5375810 Winding down 1811 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:54 | 73.5378472 Deploying | 2 | 12870 | 7.27 | 5.71 | 7.3 | 8.25 | 2117 | 1615 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:55 | 73.5381944 Deploying | 2 | 12900 | 7.29 | 5.71 | 7.32 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:55 | 73.5385417 Deploying | 2 | 12930 | 7.29 | 5.71 | 7.33 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:56 | 73.5388889 Deploying | 2 | 12960 | 7.29 | 5.71 | 7.35 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:56 | 73.5390046 Winding down 1879 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:56 | 73.5392361 Deploying | 2 | 12990 | 7.34 | 5.78 | 7.37 | 8.29 | 2263 | 1609 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:57 | 73.5395833 Deploying | 2 | 13020 | 7.36 | 5.78 | 7.39 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 12:57 | 73.5399306 Deploying | 2 | 13050 | 7.36 | 5.78 | 7.4 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 12:58 | 73.5402778 Deploying | 2 | 13080 | 7.37 | 5.78 | 7.42 | 8.27 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/13/2016 12:58 | 73.5405324 Winding down 1549 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:58 | 73.5406250 Deploying | 2 | 13110 | 7.39 | 5.84 | 7.44 | 8.3 | 2150 | 1614 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 12:59 | 73.5409722 Deploying | 2 | 13140 | 7.43 | 5.84 | 7.45 | 8.3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 12:59 | 73.5413194 Deploying | 2 | 13170 | 7.43 | 5.84 | 7.47 | 8.25 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/13/2016 12:59 | 73.5416319 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:00 | 73.5416667 Deploying | 2 | 13200 | 7.43 | 5.91 | 7.49 | 8.27 | 2275 | 1617 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:00 | 73.5420139 Deploying | 2 | 13230 | 7.51 | 5.91 | 7.5 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:01 | 73.5423611 Deploying | 2 | 13260 | 7.51 | 5.91 | 7.52 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:01 | 73.5427083 Deploying | 2 | 13290 | 7.52 | 5.91 | 7.54 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:02 | 73.5430556 Deploying | 2 | 13320 | 7.51 | 5.91 | 7.56 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:02 | 73.5434028 Deploying | 2 | 13350 | 7.51 | 5.91 | 7.57 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:02 | 73.5434722 Winding down 1847 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:03 | 73.5437500 Deploying | 2 | 13380 | 7.57 | 5.98 | 7.59 | 8.25 | 2267 | 1603 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:03 | 73.5440972 Deploying | 2 | 13410 | 7.59 | 5.98 | 7.61 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:04 | 73.5444444 Deploying | 2 | 13440 | 7.57 | 5.98 | 7.62 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:04 | 73.5446412 Winding down 1328 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:04 | 73.5447917 Deploying | 2 | 13470 | 7.62 | 6.03 | 7.64 | 8.24 | 2122 | 1610 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:05 | 73.5451389 Deploying | 2 | 13500 | 7.65 | 6.03 | 7.66 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:05 | 73.5454861 Deploying | 2 | 13530 | 7.64 | 6.03 | 7.67 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:06 | 73.5458333 Deploying | 2 | 13560 | 7.64 | 6.03 | 7.69 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:06 | 73.5460648 Winding down 1945 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:06 | 73.5461806 Deploying | 2 | 13590 | 7.65 | 6.1 | 7.71 | 8.27 | 2142 | 1596 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:07 | 73.5465278 Deploying | 2 | 13620 | 7.71 | 6.1 | 7.73 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:07 | 73.5468750 Deploying | 2 | 13650 | 7.71 | 6.1 | 7.74 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:08 | 73.5472222 Deploying | 2 | 13680 | 7.72 | 6.1 | 7.76 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:08 | 73.5475116 Winding down 1616 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:08 | 73.5475694 Deploying | 2 | 13710 | 7.73 | 6.16 | 7.78 | 8.3 | 2257 | 1634 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:09 | 73.5479167 Deploying | 2 | 13740 | 7.78 | 6.16 | 7.79 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:09 | 73.5482639 Deploying | 2 | 13770 | 7.79 | 6.16 | 7.81 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:10 | 73.5486111 Deploying | 2 | 13800 | 7.78 | 6.16 | 7.83 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:10 | 73.5489468 Winding down 1473 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:10 | 73.5489583 Deploying | 2 | 13830 | 7.79 | 6.22 | 7.84 | 8.22 | 2278 | 1620 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:11 | 73.5493056 Deploying | 2 | 13860 | 7.85 | 6.22 | 7.86 | 8.25 | 2278 | 85 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:11 | 73.5496528 Deploying | 2 | 13890 | 7.85 | 6.22 | 7.88 | 8.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:12 | 73.5500000 Deploying | 2 | 13920 | 7.85 | 6.22 | 7.9 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:12 | 73.5503009 Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:12 | 73.5503472 Deploying | 2 | 13950 | 7.86 | 6.28 | 7.91 | 8.24 | 2158 | 1606 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:13 | 73.5506944 Deploying | 2 | 13980 | 7.92 | 6.28 | 7.93 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:13 | 73.5510417 Deploying | 2 | 14010 | 7.92 | 6.28 | 7.95 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:14 | 73.5513889 Deploying | 2 | 14040 | 7.92 | 6.28 | 7.96 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:14 | 73.5517130 Winding down 1734 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:14 | 73.5517361 Deploying | 2 | 14070 | 7.92 | 6.35 | 7.98 | 8.17 | 2128 | 1613 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:15 | 73.5520833 Deploying | 2 | 14100 | 7.98 | 6.35 | 8 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:15 | 73.5524306 Deploying | 2 | 14130 | 7.99 | 6.35 | 8.01 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:16 | 73.5527778 Deploying | 2 | 14160 | 7.99 | 6.35 | 8.03 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:16 | 73.5530903 Winding down 1920 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:16 | 73.5531250 Deploying | 2 | 14190 | 7.98 | 6.42 | 8.05 | 8.25 | 2112 | 1601 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:17 | 73.5534722 Deploying | 2 | 14220 | 8.07 | 6.42 | 8.07 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:17 | 73.5538194 Deploying | 2 | 14250 | 8.07 | 6.42 | 8.08 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:18 | 73.5541667 Deploying | 2 | 14280 | 8.07 | 6.42 | 8.1 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:18 | 73.5545139 Deploying | 2 | 14310 | 8.06 | 6.42 | 8.12 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:18 | 73.5547222 Winding down 1842 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | A | B | C | D | E | F | G | H | I | J | K | L | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 13:19 | 73.5548611 | Deploying | 2 | 14340 | 8.08 | 6.49 | 8.13 | 8.27 | 2261 | 1629 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:19 | 73.5552083 | Deploying | 2 | 14370 | 8.15 | 6.49 | 8.15 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:20 | 73.5555556 | Deploying | 2 | 14400 | 8.15 | 6.49 | 8.17 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:20 | 73.5559028 | Deploying | 2 | 14430 | 8.15 | 6.49 | 8.18 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:21 | 73.5562500 | Deploying | 2 | 14460 | 8.14 | 6.49 | 8.2 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:21 | 73.5562500 | Winding down 1562 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:21 | 73.5565972 | Deploying | 2 | 14490 | 8.21 | 6.55 | 8.22 | 8.25 | 2251 | 1635 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:22 | 73.5569444 | Deploying | 2 | 14520 | 8.21 | 6.55 | 8.24 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:22 | 73.5572917 | Deploying | 2 | 14550 | 8.19 | 6.55 | 8.25 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:22 | 73.5574190 | Winding down 1568 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:23 | 73.5576389 | Deploying | 2 | 14580 | 8.24 | 6.61 | 8.27 | 8.24 | 2265 | 1637 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:23 | 73.5579861 | Deploying | 2 | 14610 | 8.28 | 6.61 | 8.29 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:24 | 73.5583333 | Deploying | 2 | 14640 | 8.28 | 6.61 | 8.3 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:24 | 73.5586806 | Deploying | 2 | 14670 | 8.28 | 6.61 | 8.32 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:24 | 73.5590162 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:25 | 73.5590278 | Deploying | 2 | 14700 | 8.28 | 6.67 | 8.34 | 8.24 | 2123 | 1597 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:25 | 73.5593750 | Deploying | 2 | 14730 | 8.34 | 6.67 | 8.35 | 8.24 | 2123 | 101 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:26 | 73.5597222 | Deploying | 2 | 14760 | 8.35 | 6.67 | 8.37 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:26 | 73.5600694 | Deploying | 2 | 14790 | 8.34 | 6.67 | 8.39 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:26 | 73.5603819 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:27 | 73.5604167 | Deploying | 2 | 14820 | 8.35 | 6.72 | 8.41 | 8.25 | 2265 | 1621 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:27 | 73.5607639 | Deploying | 2 | 14850 | 8.4 | 6.72 | 8.42 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:28 | 73.5611111 | Deploying | 2 | 14880 | 8.41 | 6.72 | 8.44 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:28 | 73.5614583 | Deploying | 2 | 14910 | 8.41 | 6.72 | 8.46 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:28 | 73.5617593 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:29 | 73.5618056 | Deploying | 2 | 14940 | 8.41 | 6.79 | 8.47 | 8.25 | 2130 | 1609 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:29 | 73.5621528 | Deploying | 2 | 14970 | 8.48 | 6.79 | 8.49 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:30 | 73.5625000 | Deploying | 2 | 15000 | 8.46 | 6.79 | 8.51 | 8.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:30 | 73.5628125 | Winding down 1345 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:30 | 73.5628472 | Deploying | 2 | 15030 | 8.48 | 6.84 | 8.52 | 8.25 | 2139 | 1616 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:31 | 73.5631944 | Deploying | 2 | 15060 | 8.52 | 6.84 | 8.54 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:31 | 73.5635417 | Deploying | 2 | 15090 | 8.54 | 6.84 | 8.56 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:32 | 73.5638889 | Deploying | 2 | 15120 | 8.52 | 6.84 | 8.58 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:32 | 73.5642014 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:32 | 73.5642361 | Deploying | 2 | 15150 | 8.54 | 6.89 | 8.59 | 8.24 | 2234 | 1614 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:33 | 73.5645833 | Deploying | 2 | 15180 | 8.58 | 6.89 | 8.61 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:33 | 73.5649306 | Deploying | 2 | 15210 | 8.59 | 6.89 | 8.63 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:34 | 73.5652778 | Deploying | 2 | 15240 | 8.58 | 6.89 | 8.64 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:34 | 73.5654282 | Winding down 1896 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:34 | 73.5656250 | Deploying | 2 | 15270 | 8.63 | 6.97 | 8.66 | 8.22 | 2117 | 1603 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:35 | 73.5659722 | Deploying | 2 | 15300 | 8.68 | 6.97 | 8.68 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:35 | 73.5663194 | Deploying | 2 | 15330 | 8.68 | 6.97 | 8.69 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:36 | 73.5666667 | Deploying | 2 | 15360 | 8.66 | 6.97 | 8.71 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:36 | 73.5668866 | Winding down 1506 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:36 | 73.5670139 | Deploying | 2 | 15390 | 8.7 | 7.02 | 8.73 | 8.25 | 2270 | 1636 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:37 | 73.5673611 | Deploying | 2 | 15420 | 8.72 | 7.02 | 8.75 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:37 | 73.5677083 | Deploying | 2 | 15450 | 8.73 | 7.02 | 8.76 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:38 | 73.5680556 | Deploying | 2 | 15480 | 8.73 | 7.02 | 8.78 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:38 | 73.5684028 | Deploying | 2 | 15510 | 8.72 | 7.02 | 8.8 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:38 | 73.5684259 | Winding down 1965 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:39 | 73.5687500 | Deploying | 2 | 15540 | 8.79 | 7.1 | 8.81 | 8.22 | 2277 | 1632 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:39 | 73.5690972 | Deploying | 2 | 15570 | 8.81 | 7.1 | 8.83 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:40 | 73.5694444 | Deploying | 2 | 15600 | 8.82 | 7.1 | 8.85 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | Col | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 13:40 | 73.5697917 Deploying | 2 | 15630 | 8.82 | 7.1 | 8.86 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:40 | 73.5700694 Winding down 1627 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:41 | 73.5701389 Deploying | 2 | 15660 | 8.83 | 7.16 | 8.88 | 8.25 | 2255 | 1629 | 0 | 0 | 1 | 0 | 1 |
| 3/13/2016 13:41 | 73.5704861 Deploying | 2 | 15690 | 8.88 | 7.16 | 8.9 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:42 | 73.5708333 Deploying | 2 | 15720 | 8.89 | 7.16 | 8.92 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:42 | 73.5711806 Deploying | 2 | 15750 | 8.89 | 7.16 | 8.93 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:42 | 73.5714583 Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:43 | 73.5715278 Deploying | 2 | 15780 | 8.9 | 7.22 | 8.95 | 8.24 | 2170 | 1614 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:43 | 73.5718750 Deploying | 2 | 15810 | 8.95 | 7.22 | 8.97 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:44 | 73.5722222 Deploying | 2 | 15840 | 8.95 | 7.22 | 8.98 | 8.25 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/13/2016 13:44 | 73.5725694 Deploying | 2 | 15870 | 8.94 | 7.22 | 9 | 8.22 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 13:44 | 73.5727315 Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:45 | 73.5729167 Deploying | 2 | 15900 | 8.99 | 7.29 | 9.02 | 8.24 | 2091 | 1599 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:45 | 73.5732639 Deploying | 2 | 15930 | 9.02 | 7.29 | 9.03 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:46 | 73.5736111 Deploying | 2 | 15960 | 9.02 | 7.29 | 9.05 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:46 | 73.5739583 Deploying | 2 | 15990 | 9.03 | 7.29 | 9.07 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:47 | 73.5743056 Deploying | 2 | 16020 | 9.02 | 7.29 | 9.09 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:47 | 73.5744329 Winding down 1793 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:47 | 73.5746528 Deploying | 2 | 16050 | 9.07 | 7.36 | 9.1 | 8.22 | 2241 | 1632 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:48 | 73.5750000 Deploying | 2 | 16080 | 9.1 | 7.36 | 9.12 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:48 | 73.5753472 Deploying | 2 | 16110 | 9.09 | 7.36 | 9.14 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:49 | 73.5756944 Deploying | 2 | 16140 | 9.1 | 7.36 | 9.15 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:49 | 73.5758333 Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:49 | 73.5760417 Deploying | 2 | 16170 | 9.13 | 7.42 | 9.17 | 8.24 | 2266 | 1617 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:50 | 73.5763889 Deploying | 2 | 16200 | 9.17 | 7.42 | 9.19 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:50 | 73.5767361 Deploying | 2 | 16230 | 9.17 | 7.42 | 9.2 | 8.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:51 | 73.5770833 Deploying | 2 | 16260 | 9.15 | 7.42 | 9.22 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:51 | 73.5772338 Winding down 1771 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:51 | 73.5774306 Deploying | 2 | 16290 | 9.22 | 7.49 | 9.24 | 8.22 | 2138 | 1603 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:52 | 73.5777778 Deploying | 2 | 16320 | 9.24 | 7.49 | 9.26 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:52 | 73.5781250 Deploying | 2 | 16350 | 9.23 | 7.49 | 9.27 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:53 | 73.5784722 Deploying | 2 | 16380 | 9.24 | 7.49 | 9.29 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:53 | 73.5786806 Winding down 1742 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:53 | 73.5788194 Deploying | 2 | 16410 | 9.26 | 7.55 | 9.31 | 8.24 | 2175 | 1621 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 13:54 | 73.5791667 Deploying | 2 | 16440 | 9.31 | 7.55 | 9.32 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:54 | 73.5795139 Deploying | 2 | 16470 | 9.31 | 7.55 | 9.34 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:55 | 73.5798611 Deploying | 2 | 16500 | 9.31 | 7.55 | 9.36 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:55 | 73.5801273 Winding down 1813 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:55 | 73.5802083 Deploying | 2 | 16530 | 9.32 | 7.62 | 9.37 | 8.24 | 2279 | 1637 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:56 | 73.5805556 Deploying | 2 | 16560 | 9.39 | 7.62 | 9.39 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:56 | 73.5809028 Deploying | 2 | 16590 | 9.4 | 7.62 | 9.41 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:57 | 73.5812500 Deploying | 2 | 16620 | 9.37 | 7.62 | 9.43 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:57 | 73.5814815 Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 13:57 | 73.5815972 Deploying | 2 | 16650 | 9.4 | 7.68 | 9.44 | 8.22 | 2252 | 1629 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:58 | 73.5819444 Deploying | 2 | 16680 | 9.45 | 7.68 | 9.46 | 8.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:58 | 73.5822917 Deploying | 2 | 16710 | 9.46 | 7.68 | 9.48 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:59 | 73.5826389 Deploying | 2 | 16740 | 9.46 | 7.68 | 9.49 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:59 | 73.5829861 Deploying | 2 | 16770 | 9.46 | 7.68 | 9.51 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 13:59 | 73.5830787 Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:00 | 73.5833333 Deploying | 2 | 16800 | 9.48 | 7.74 | 9.53 | 8.22 | 2147 | 1616 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:00 | 73.5836806 Deploying | 2 | 16830 | 9.52 | 7.74 | 9.54 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:01 | 73.5840278 Deploying | 2 | 16860 | 9.52 | 7.74 | 9.56 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:01 | 73.5843287 Winding down 1530 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 14:01 | 73.5843750 Deploying | | 2 | 16890 | 9.52 | 7.8 | 9.58 | 8.21 | 2161 | 1628 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:02 | 73.5847222 Deploying | | 2 | 16920 | 9.58 | 7.8 | 9.6 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:02 | 73.5850694 Deploying | | 2 | 16950 | 9.59 | 7.8 | 9.61 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:03 | 73.5854167 Deploying | | 2 | 16980 | 9.57 | 7.8 | 9.63 | 8.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:03 | 73.5854861 Winding down 1747 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:03 | 73.5857639 Deploying | | 2 | 17010 | 9.62 | 7.87 | 9.65 | 8.17 | 2142 | 1601 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:04 | 73.5861111 Deploying | | 2 | 17040 | 9.65 | 7.87 | 9.66 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:04 | 73.5864583 Deploying | | 2 | 17070 | 9.65 | 7.87 | 9.68 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:05 | 73.5868056 Deploying | | 2 | 17100 | 9.66 | 7.87 | 9.7 | 8.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:05 | 73.5871528 Deploying | | 2 | 17130 | 9.66 | 7.87 | 9.71 | 8.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:05 | 73.5871991 Winding down 1469 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:06 | 73.5875000 Deploying | | 2 | 17160 | 9.7 | 7.93 | 9.73 | 8.24 | 2067 | 1604 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:06 | 73.5878472 Deploying | | 2 | 17190 | 9.72 | 7.93 | 9.75 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:07 | 73.5881944 Deploying | | 2 | 17220 | 9.72 | 7.93 | 9.77 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:07 | 73.5885185 Winding down 1809 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:07 | 73.5885417 Deploying | | 2 | 17250 | 9.71 | 7.99 | 9.78 | 8.16 | 2262 | 1631 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:08 | 73.5888889 Deploying | | 2 | 17280 | 9.78 | 7.99 | 9.8 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:08 | 73.5892361 Deploying | | 2 | 17310 | 9.78 | 7.99 | 9.82 | 8.24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:09 | 73.5895833 Deploying | | 2 | 17340 | 9.8 | 7.99 | 9.83 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:09 | 73.5899306 Deploying | | 2 | 17370 | 9.78 | 7.99 | 9.85 | 8.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:09 | 73.5899421 Winding down 1726 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:10 | 73.5902778 Deploying | | 2 | 17400 | 9.85 | 8.06 | 9.87 | 8.17 | 2171 | 1621 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:10 | 73.5906250 Deploying | | 2 | 17430 | 9.86 | 8.06 | 9.88 | 8.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:11 | 73.5909722 Deploying | | 2 | 17460 | 9.85 | 8.06 | 9.9 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:11 | 73.5911806 Winding down 1542 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:11 | 73.5913194 Deploying | | 2 | 17490 | 9.88 | 8.12 | 9.92 | 8.17 | 2281 | 1629 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:12 | 73.5916667 Deploying | | 2 | 17520 | 9.92 | 8.12 | 9.94 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:12 | 73.5920139 Deploying | | 2 | 17550 | 9.92 | 8.12 | 9.95 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:13 | 73.5923611 Deploying | | 2 | 17580 | 9.92 | 8.12 | 9.97 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:13 | 73.5925810 Winding down 1456 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:13 | 73.5927083 Deploying | | 2 | 17610 | 9.95 | 8.18 | 9.99 | 8.21 | 2165 | 1627 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:14 | 73.5930556 Deploying | | 2 | 17640 | 9.97 | 8.18 | 10 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:14 | 73.5934028 Deploying | | 2 | 17670 | 9.99 | 8.18 | 10.02 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:15 | 73.5937500 Deploying | | 2 | 17700 | 9.98 | 8.18 | 10.04 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:15 | 73.5939120 Winding down 1560 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:15 | 73.5940972 Deploying | | 2 | 17730 | 10.02 | 8.24 | 10.05 | 8.17 | 2277 | 1626 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:16 | 73.5944444 Deploying | | 2 | 17760 | 10.04 | 8.24 | 10.07 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:16 | 73.5947917 Deploying | | 2 | 17790 | 10.03 | 8.24 | 10.09 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:16 | 73.5950231 Winding down 1570 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:17 | 73.5951389 Deploying | | 2 | 17820 | 10.07 | 8.3 | 10.11 | 8.22 | 2134 | 1622 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:17 | 73.5954861 Deploying | | 2 | 17850 | 10.1 | 8.3 | 10.12 | 8.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:18 | 73.5958333 Deploying | | 2 | 17880 | 10.11 | 8.3 | 10.14 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:18 | 73.5961806 Deploying | | 2 | 17910 | 10.11 | 8.3 | 10.16 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:19 | 73.5965278 Deploying | | 2 | 17940 | 10.11 | 8.3 | 10.17 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:19 | 73.5965509 Winding down 1790 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:19 | 73.5968750 Deploying | | 2 | 17970 | 10.17 | 8.36 | 10.19 | 8.21 | 2249 | 1630 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:20 | 73.5972222 Deploying | | 2 | 18000 | 10.19 | 8.36 | 10.21 | 8.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:20 | 73.5975694 Deploying | | 2 | 18030 | 10.18 | 8.36 | 10.22 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:20 | 73.5978819 Winding down 1520 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 14:21 | 73.5979167 Deploying | | 2 | 18060 | 10.18 | 8.42 | 10.24 | 8.21 | 2103 | 1605 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:21 | 73.5982639 Deploying | | 2 | 18090 | 10.25 | 8.42 | 10.26 | 8.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:22 | 73.5986111 Deploying | | 2 | 18120 | 10.24 | 8.42 | 10.28 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:22 | 73.5989583 Deploying | | 2 | 18150 | 10.25 | 8.42 | 10.29 | 8.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 14:23 | 73.5993056 Deploying | 2 | 18180 | 10.26 | 8.42 | 10.31 | 8.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:23 | 73.5993634 Winding down 1683 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:23 | 73.5996528 Deploying | 2 | 18210 | 10.29 | 8.49 | 10.33 | 8.21 | 2282 | 1635 | 0 | 0 | 0 | 0 | 0 |
| 3/13/2016 14:24 | 73.6000000 Deploying | 2 | 18240 | 10.31 | 8.49 | 10.34 | 8.19 | 0 | 0 | 0 | -4 | 0 | 0 | 0 |
| 3/13/2016 14:24 | 73.6003472 Deploying | 2 | 18270 | 10.32 | 8.49 | 10.36 | 8.21 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/13/2016 14:24 | 73.6006713 Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:25 | 73.6006944 Deploying | 2 | 18300 | 10.32 | 8.55 | 10.38 | 8.13 | 2264 | 1640 | 0 | -1 | 1 | 0 | 1 |
| 3/13/2016 14:25 | 73.6010417 Deploying | 2 | 18330 | 10.38 | 8.55 | 10.39 | 8.17 | 0 | 0 | 4 | -44 | -44 | -40 | -44 |
| 3/13/2016 14:26 | 73.6013889 Deploying | 2 | 18360 | 10.37 | 8.55 | 10.41 | 8.21 | 0 | 0 | 1 | -36 | -36 | -35 | -36 |
| 3/13/2016 14:26 | 73.6017361 Deploying | 2 | 18390 | 10.38 | 8.55 | 10.43 | 8.19 | 0 | 0 | 0 | -38 | -28 | -33 | -28 |
| 3/13/2016 14:27 | 73.6020833 Deploying | 2 | 18420 | 10.38 | 8.55 | 10.45 | 8.19 | 0 | 0 | 0 | -33 | -30 | -31 | -30 |
| 3/13/2016 14:27 | 73.6021181 Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6022222 Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6022222 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6022454 Winding up 1500 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6022685 Winding up 3125 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6023148 Winding up 5250 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6023843 Winding up 8275 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6024306 Rewinding | 5 | 18432 | 10.32 | 7.91 | 9.96 | 7.98 | 1146 | 841 | | | | | |
| 3/13/2016 14:27 | 73.6024884 Winding up 10474 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6026157 Winding up 10050 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:27 | 73.6027431 Winding up 8474 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6027778 Rewinding | 5 | 18432 | 9.52 | 6.8 | 9.21 | 8 | 1146 | 264 | | | | | |
| 3/13/2016 14:28 | 73.6028472 Winding up 4850 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6029051 Winding up 3949 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6029514 Winding up 3274 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6029977 Winding up 2675 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6030324 Winding up 2149 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6030671 Winding up 1775 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6030903 Winding up 1499 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6031250 Rewinding | 5 | 18432 | 8.48 | 6.03 | 8.46 | 8.13 | 1146 | 866 | | | | | |
| 3/13/2016 14:28 | 73.6031597 Winding up 3500 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6032060 Winding up 3775 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6032523 Winding up 3649 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6032986 Winding up 3624 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6033449 Winding up 3824 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6033912 Winding up 3700 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:28 | 73.6034375 Winding up 3450 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6034722 Rewinding | 5 | 18432 | 7.86 | 5.06 | 7.71 | 7.97 | 1148 | 868 | | | | | |
| 3/13/2016 14:29 | 73.6034838 Winding up 4350 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6035417 Winding up 3300 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6035880 Winding up 2750 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6036227 Winding up 2450 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6036574 Winding up 2075 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6036921 Winding up 1499 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6037153 Winding up 1300 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6038194 Rewinding | 5 | 18432 | 6.93 | 4.38 | 6.96 | 8.14 | 1144 | 871 | | | | | |
| 3/13/2016 14:29 | 73.6039120 Winding up 1575 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6039352 Winding up 2250 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6039699 Winding up 3025 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6040162 Winding up 4075 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6040741 Winding up 5625 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 14:29 | 73.6041435 Winding up 7175 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value / Label | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 14:30 | 73.6041667 Rewinding | 5 | 18432 | 6.49 | 3.48 | 6.21 | 7.9 | 1149 | 871 |
| 3/13/2016 14:30 | 73.6042361 Winding up 7525 ticks | 3 | | | | | | | |
| 3/13/2016 14:30 | 73.6043287 Winding up 6650 ticks | 3 | | | | | | | |
| 3/13/2016 14:30 | 73.6044097 Winding up 5675 ticks | 3 | | | | | | | |
| 3/13/2016 14:30 | 73.6044792 Winding up 4450 ticks | 3 | | | | | | | |
| 3/13/2016 14:30 | 73.6045139 Rewinding | 5 | 18432 | 5.6 | 2.56 | 5.46 | 7.92 | 1147 | 236 |
| 3/13/2016 14:30 | 73.6045370 Winding up 3700 ticks | 3 | | | | | | | |
| 3/13/2016 14:30 | 73.6045833 Winding up 3925 ticks | 3 | | | | | | | |
| 3/13/2016 14:30 | 73.6046296 Winding up 3125 ticks | 3 | | | | | | | |
| 3/13/2016 14:30 | 73.6046759 Winding up 2350 ticks | 3 | | | | | | | |
| 3/13/2016 14:30 | 73.6047106 Winding up 1825 ticks | 3 | | | | | | | |
| 3/13/2016 14:30 | 73.6047338 Winding up 1350 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6048611 Rewinding | 5 | 18432 | 4.72 | 1.94 | 4.71 | 8.08 | 1141 | 209 |
| 3/13/2016 14:31 | 73.6049537 Winding up 1425 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6049769 Winding up 2150 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6050116 Winding up 3425 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6050579 Winding up 4775 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6051157 Winding up 6575 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6051968 Winding up 8000 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6052083 Rewinding | 5 | 18432 | 4.26 | 0.95 | 3.96 | 8.11 | 1141 | 846 |
| 3/13/2016 14:31 | 73.6053009 Winding up 7800 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6053935 Winding up 6200 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6054745 Winding up 5100 ticks | 3 | | | | | | | |
| 3/13/2016 14:31 | 73.6055440 Winding up 4025 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6055556 Rewinding | 5 | 18432 | 3.34 | 0.07 | 3.21 | 8.05 | 1141 | 262 |
| 3/13/2016 14:32 | 73.6056019 Winding up 3250 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6056481 Winding up 2800 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6056829 Winding up 2450 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6057176 Winding up 2100 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6057523 Winding up 1575 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6057755 Winding up 1300 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6058681 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6058912 Winding up 1400 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6059028 Rewinding | 5 | 18432 | 2.5 | -0.54 | 2.46 | 8.06 | 1137 | 855 |
| 3/13/2016 14:32 | 73.6059144 Winding up 1650 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6059375 Winding up 1850 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6059606 Winding up 1925 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6059838 Winding up 2075 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6060185 Winding up 2250 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6060532 Winding up 2550 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6060880 Winding up 2875 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6061227 Winding up 3000 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6061690 Winding up 3175 ticks | 3 | | | | | | | |
| 3/13/2016 14:32 | 73.6062153 Winding up 2899 ticks | 3 | | | | | | | |
| 3/13/2016 14:33 | 73.6062500 Rewinding | 5 | 18432 | 1.79 | -1.45 | 1.71 | 7.89 | 1139 | 862 |
| 3/13/2016 14:33 | 73.6062500 Winding up 2550 ticks | 3 | | | | | | | |
| 3/13/2016 14:33 | 73.6062847 Winding up 2250 ticks | 3 | | | | | | | |
| 3/13/2016 14:33 | 73.6063194 Winding up 2150 ticks | 3 | | | | | | | |
| 3/13/2016 14:33 | 73.6063542 Winding up 2125 ticks | 3 | | | | | | | |
| 3/13/2016 14:33 | 73.6063889 Winding up 2149 ticks | 3 | | | | | | | |
| 3/13/2016 14:33 | 73.6064236 Winding up 2100 ticks | 3 | | | | | | | |
| 3/13/2016 14:33 | 73.6064583 Winding up 2200 ticks | 3 | | | | | | | |
| 3/13/2016 14:33 | 73.6064931 Winding up 2300 ticks | 3 | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 14:33 | 73.6065162 Winding up 2375 ticks | 3 | | | | | | | | |
| 3/13/2016 14:33 | 73.6065278 Winding up 2425 ticks | 3 | | | | | | | | |
| 3/13/2016 14:33 | 73.6065394 Winding up 2400 ticks | 3 | | | | | | | | |
| 3/13/2016 14:33 | 73.6065509 Winding up 2600 ticks | 3 | | | | | | | | |
| 3/13/2016 14:33 | 73.6065625 Winding up 2775 ticks | 3 | | | | | | | | |
| 3/13/2016 14:33 | 73.6065741 Winding up 2425 ticks | 3 | | | | | | | | |
| 3/13/2016 14:33 | 73.6065856 Winding up 3100 ticks | 3 | | | | | | | | |
| 3/13/2016 14:33 | 73.6065972 Rewinding | 5 | 18432 | 1.07 | -2.15 | 0.96 | 8.05 | 1163 | 1161 | |
| 3/13/2016 14:33 | 73.6065972 Winding up 3325 ticks | 3 | | | | | | | | |
| 3/13/2016 14:33 | 73.6066088 Winding up 3500 ticks | 3 | | | | | | | | |
| 3/13/2016 14:33 | 73.6066204 Overcurrent (motor jam) condition detected | 5 | | | | | | | | |
| 3/13/2016 14:33 | 73.6066204 State 5 (FINISHED) | 5 | | | | | | | | |

DPS6-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 13:20 | 72.5555556 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 13:20 | 72.5559028 | Deploying | 2 | 30 | 1 | 0 | 0.02 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:21 | 72.5562500 | Deploying | 2 | 60 | 1 | 0 | 0.04 | 8.03 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:21 | 72.5565972 | Deploying | 2 | 90 | 1 | 0 | 0.06 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:22 | 72.5569444 | Deploying | 2 | 120 | 1 | 0 | 0.08 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:22 | 72.5572917 | Deploying | 2 | 150 | 0.99 | 0 | 0.09 | 8.08 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:23 | 72.5576389 | Deploying | 2 | 180 | 0.99 | 0 | 0.11 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:23 | 72.5579861 | Deploying | 2 | 210 | 0.99 | 0 | 0.13 | 8.1 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:24 | 72.5583333 | Deploying | 2 | 240 | 1 | 0 | 0.14 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:24 | 72.5586806 | Deploying | 2 | 270 | 0.99 | 0 | 0.16 | 8.08 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 3/12/2016 13:25 | 72.5590278 | Deploying | 2 | 300 | 0.99 | 0 | 0.18 | 8.1 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 13:25 | 72.5593750 | Deploying | 2 | 330 | 1 | 0 | 0.19 | 8.1 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:26 | 72.5597222 | Deploying | 2 | 360 | 1 | 0 | 0.21 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:26 | 72.5600694 | Deploying | 2 | 390 | 1 | 0 | 0.23 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:27 | 72.5604167 | Deploying | 2 | 420 | 1 | 0 | 0.25 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:27 | 72.5607639 | Deploying | 2 | 450 | 1.01 | 0 | 0.26 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:28 | 72.5611111 | Deploying | 2 | 480 | 1 | 0 | 0.28 | 8.08 | 0 | 0 | 0 | 8 | 6 | 7 | 6 |
| 3/12/2016 13:28 | 72.5614583 | Deploying | 2 | 510 | 1 | 0 | 0.3 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:29 | 72.5618056 | Deploying | 2 | 540 | 1 | 0 | 0.31 | 8.08 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:29 | 72.5621528 | Deploying | 2 | 570 | 1 | 0 | 0.33 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:30 | 72.5625000 | Deploying | 2 | 600 | 1 | 0 | 0.35 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:30 | 72.5628472 | Deploying | 2 | 630 | 1 | 0 | 0.36 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:31 | 72.5631944 | Deploying | 2 | 660 | 1.01 | 0 | 0.38 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:31 | 72.5635417 | Deploying | 2 | 690 | 1.01 | 0 | 0.4 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:32 | 72.5638889 | Deploying | 2 | 720 | 1.01 | 0 | 0.42 | 8.06 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 13:32 | 72.5642361 | Deploying | 2 | 750 | 1.01 | 0 | 0.43 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:33 | 72.5645833 | Deploying | 2 | 780 | 1.01 | 0 | 0.45 | 8.08 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:33 | 72.5649306 | Deploying | 2 | 810 | 1.01 | 0 | 0.47 | 8.06 | 0 | 0 | 0 | 7 | 7 | 6 | 7 |
| 3/12/2016 13:34 | 72.5652778 | Deploying | 2 | 840 | 1 | 0 | 0.48 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:34 | 72.5656250 | Deploying | 2 | 870 | 1 | 0 | 0.5 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:35 | 72.5659722 | Deploying | 2 | 900 | 1 | 0 | 0.52 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:35 | 72.5663194 | Deploying | 2 | 930 | 1 | 0 | 0.53 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:36 | 72.5666667 | Deploying | 2 | 960 | 1.01 | 0 | 0.55 | 8.03 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:36 | 72.5670139 | Deploying | 2 | 990 | 0.99 | 0 | 0.57 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:37 | 72.5673611 | Deploying | 2 | 1020 | 1 | 0 | 0.59 | 8.05 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 3/12/2016 13:37 | 72.5677083 | Deploying | 2 | 1050 | 1 | 0 | 0.6 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:38 | 72.5680556 | Deploying | 2 | 1080 | 1 | 0 | 0.62 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:38 | 72.5684028 | Deploying | 2 | 1110 | 1 | 0 | 0.64 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:39 | 72.5687500 | Deploying | 2 | 1140 | 1.01 | 0 | 0.65 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:39 | 72.5690972 | Deploying | 2 | 1170 | 1 | 0 | 0.67 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:40 | 72.5694444 | Deploying | 2 | 1200 | 1 | 0 | 0.69 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:40 | 72.5697917 | Deploying | 2 | 1230 | 1 | 0 | 0.7 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:41 | 72.5701389 | Deploying | 2 | 1260 | 1.01 | 0 | 0.72 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:41 | 72.5704861 | Deploying | 2 | 1290 | 1.01 | 0 | 0.74 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:42 | 72.5708333 | Deploying | 2 | 1320 | 1.01 | 0 | 0.76 | 8.03 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:42 | 72.5711806 | Deploying | 2 | 1350 | 1 | 0 | 0.77 | 8.05 | 0 | 0 | 0 | 9 | 7 | 7 | 7 |
| 3/12/2016 13:43 | 72.5715278 | Deploying | 2 | 1380 | 1.01 | 0 | 0.79 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:43 | 72.5718750 | Deploying | 2 | 1410 | 1.01 | 0 | 0.81 | 8.06 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:44 | 72.5722222 | Deploying | 2 | 1440 | 1.01 | 0 | 0.82 | 8.03 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:44 | 72.5725694 | Deploying | 2 | 1470 | 1 | 0 | 0.84 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:45 | 72.5729167 | Deploying | 2 | 1500 | 1.02 | 0 | 0.86 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:45 | 72.5732639 | Deploying | 2 | 1530 | 1.01 | 0 | 0.87 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:46 | 72.5736111 | Deploying | 2 | 1560 | 1.01 | 0 | 0.89 | 8.02 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 13:46 | 72.5739583 Deploying | 2 | 1590 | 1.01 | 0 | 0.91 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:47 | 72.5743056 Deploying | 2 | 1620 | 1.01 | 0 | 0.93 | 8.02 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:47 | 72.5746528 Deploying | 2 | 1650 | 1 | 0 | 0.94 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:48 | 72.5750000 Deploying | 2 | 1680 | 1 | 0 | 0.96 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:48 | 72.5753472 Deploying | 2 | 1710 | 1 | 0 | 0.98 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:49 | 72.5756944 Deploying | 2 | 1740 | 1 | 0 | 0.99 | 8.06 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:49 | 72.5760417 Deploying | 2 | 1770 | 1 | 0 | 1.01 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:50 | 72.5763889 Deploying | 2 | 1800 | 1.01 | 0 | 1.03 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:50 | 72.5767361 Deploying | 2 | 1830 | 1.02 | 0 | 1.04 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:51 | 72.5770833 Deploying | 2 | 1860 | 1.01 | 0 | 1.06 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:51 | 72.5774074 Winding down 1809 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:51 | 72.5774306 Deploying | 2 | 1890 | 1.01 | 0.07 | 1.08 | 7.92 | 2143 | 1527 | 0 | 7 | 8 | 8 | 8 |
| 3/12/2016 13:52 | 72.5777778 Deploying | 2 | 1920 | 1.08 | 0.07 | 1.1 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 13:52 | 72.5781250 Deploying | 2 | 1950 | 1.07 | 0.07 | 1.11 | 8.05 | 0 | 0 | 0 | 5 | 8 | 7 | 8 |
| 3/12/2016 13:53 | 72.5784722 Deploying | 2 | 1980 | 1.08 | 0.07 | 1.13 | 8.03 | 0 | 0 | 0 | 8 | 6 | 7 | 6 |
| 3/12/2016 13:53 | 72.5786921 Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:53 | 72.5788194 Deploying | 2 | 2010 | 1.09 | 0.13 | 1.15 | 8.05 | 2061 | 1547 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:54 | 72.5791667 Deploying | 2 | 2040 | 1.13 | 0.13 | 1.16 | 8.05 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 3/12/2016 13:54 | 72.5795139 Deploying | 2 | 2070 | 1.13 | 0.13 | 1.18 | 8.05 | 0 | 0 | 0 | 8 | 6 | 7 | 6 |
| 3/12/2016 13:54 | 72.5797454 Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:55 | 72.5798611 Deploying | 2 | 2100 | 1.15 | 0.19 | 1.2 | 8.06 | 2241 | 1598 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 13:55 | 72.5802083 Deploying | 2 | 2130 | 1.19 | 0.19 | 1.21 | 8.03 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 3/12/2016 13:56 | 72.5805556 Deploying | 2 | 2160 | 1.2 | 0.19 | 1.23 | 8.03 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 3/12/2016 13:56 | 72.5809028 Deploying | 2 | 2190 | 1.19 | 0.19 | 1.25 | 8.05 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 3/12/2016 13:56 | 72.5810069 Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:57 | 72.5812500 Deploying | 2 | 2220 | 1.23 | 0.25 | 1.27 | 8.03 | 2272 | 1598 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:57 | 72.5815972 Deploying | 2 | 2250 | 1.26 | 0.25 | 1.28 | 8.05 | 0 | 0 | 0 | 8 | 6 | 7 | 6 |
| 3/12/2016 13:58 | 72.5819444 Deploying | 2 | 2280 | 1.26 | 0.25 | 1.3 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 13:58 | 72.5822917 Deploying | 2 | 2310 | 1.26 | 0.25 | 1.32 | 8.02 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 13:58 | 72.5823611 Winding down 1572 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 13:59 | 72.5826389 Deploying | 2 | 2340 | 1.31 | 0.3 | 1.33 | 8.03 | 2293 | 1616 | 0 | 6 | 7 | 7 | 7 |
| 3/12/2016 13:59 | 72.5829861 Deploying | 2 | 2370 | 1.33 | 0.3 | 1.35 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:00 | 72.5833333 Deploying | 2 | 2400 | 1.33 | 0.3 | 1.37 | 8.05 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 14:00 | 72.5836806 Deploying | 2 | 2430 | 1.33 | 0.3 | 1.38 | 8.05 | 0 | 0 | 0 | 7 | 7 | 6 | 7 |
| 3/12/2016 14:00 | 72.5838310 Winding down 1671 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:01 | 72.5840278 Deploying | 2 | 2460 | 1.36 | 0.37 | 1.4 | 8.03 | 2125 | 1575 | 0 | 8 | 6 | 6 | 6 |
| 3/12/2016 14:01 | 72.5843750 Deploying | 2 | 2490 | 1.4 | 0.37 | 1.42 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 14:02 | 72.5847222 Deploying | 2 | 2520 | 1.4 | 0.37 | 1.44 | 8.06 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 14:02 | 72.5850694 Deploying | 2 | 2550 | 1.4 | 0.37 | 1.45 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:02 | 72.5852315 Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:03 | 72.5854167 Deploying | 2 | 2580 | 1.43 | 0.42 | 1.47 | 8.05 | 2098 | 1588 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:03 | 72.5857639 Deploying | 2 | 2610 | 1.46 | 0.42 | 1.49 | 8.06 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:04 | 72.5861111 Deploying | 2 | 2640 | 1.46 | 0.42 | 1.5 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:04 | 72.5864583 Deploying | 2 | 2670 | 1.46 | 0.42 | 1.52 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:04 | 72.5865509 Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:05 | 72.5868056 Deploying | 2 | 2700 | 1.51 | 0.48 | 1.54 | 8.08 | 2132 | 1621 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:05 | 72.5871528 Deploying | 2 | 2730 | 1.53 | 0.48 | 1.55 | 8.05 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 14:06 | 72.5875000 Deploying | 2 | 2760 | 1.54 | 0.48 | 1.57 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:06 | 72.5878472 Deploying | 2 | 2790 | 1.53 | 0.48 | 1.59 | 8.08 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:06 | 72.5879861 Winding down 1732 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:07 | 72.5881944 Deploying | 2 | 2820 | 1.57 | 0.54 | 1.61 | 8.03 | 2259 | 1622 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:07 | 72.5885417 Deploying | 2 | 2850 | 1.6 | 0.54 | 1.62 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:08 | 72.5888889 Deploying | 2 | 2880 | 1.6 | 0.54 | 1.64 | 8.05 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 14:08 | 72.5892361 Deploying | 2 | 2910 | 1.6 | 0.54 | 1.66 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:08 | 72.5892361 | Winding down 1562 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:09 | 72.5895833 | Deploying | 2 | 2940 | 1.67 | 0.6 | 1.67 | 8.05 | 2080 | 1576 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:09 | 72.5899306 | Deploying | 2 | 2970 | 1.66 | 0.6 | 1.69 | 8.05 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 14:10 | 72.5902778 | Deploying | 2 | 3000 | 1.67 | 0.6 | 1.71 | 8.05 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:10 | 72.5906250 | Deploying | 2 | 3030 | 1.67 | 0.6 | 1.72 | 8.06 | 0 | 0 | 0 | 8 | 6 | 6 | 6 |
| 3/12/2016 14:10 | 72.5907639 | Winding down 1482 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:11 | 72.5909722 | Deploying | 2 | 3060 | 1.71 | 0.66 | 1.74 | 8.05 | 2225 | 1617 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 14:11 | 72.5913194 | Deploying | 2 | 3090 | 1.73 | 0.66 | 1.76 | 8.05 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:12 | 72.5916667 | Deploying | 2 | 3120 | 1.73 | 0.66 | 1.78 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:12 | 72.5920139 | Deploying | 2 | 3150 | 1.74 | 0.66 | 1.79 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:12 | 72.5920602 | Winding down 1369 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:13 | 72.5923611 | Deploying | 2 | 3180 | 1.78 | 0.71 | 1.81 | 8.03 | 2260 | 1599 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:13 | 72.5927083 | Deploying | 2 | 3210 | 1.79 | 0.71 | 1.83 | 8.03 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:14 | 72.5930556 | Deploying | 2 | 3240 | 1.79 | 0.71 | 1.84 | 8.03 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:14 | 72.5933218 | Winding down 1638 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:14 | 72.5934028 | Deploying | 2 | 3270 | 1.81 | 0.77 | 1.86 | 8.02 | 2140 | 1608 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:15 | 72.5937500 | Deploying | 2 | 3300 | 1.88 | 0.77 | 1.88 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:15 | 72.5940972 | Deploying | 2 | 3330 | 1.88 | 0.77 | 1.89 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:16 | 72.5944444 | Deploying | 2 | 3360 | 1.89 | 0.77 | 1.91 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:16 | 72.5947917 | Deploying | 2 | 3390 | 1.87 | 0.77 | 1.93 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:16 | 72.5949884 | Winding down 1428 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:17 | 72.5951389 | Deploying | 2 | 3420 | 1.91 | 0.83 | 1.95 | 8.03 | 2133 | 1619 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:17 | 72.5954861 | Deploying | 2 | 3450 | 1.93 | 0.83 | 1.96 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:18 | 72.5958333 | Deploying | 2 | 3480 | 1.94 | 0.83 | 1.98 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:18 | 72.5961806 | Deploying | 2 | 3510 | 1.94 | 0.83 | 2 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:18 | 72.5962153 | Winding down 1505 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:19 | 72.5965278 | Deploying | 2 | 3540 | 1.99 | 0.88 | 2.01 | 8.05 | 2028 | 1589 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:19 | 72.5968750 | Deploying | 2 | 3570 | 2 | 0.88 | 2.03 | 8.03 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:20 | 72.5972222 | Deploying | 2 | 3600 | 2 | 0.88 | 2.05 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:20 | 72.5975694 | Deploying | 2 | 3630 | 2.01 | 0.88 | 2.06 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:20 | 72.5976505 | Winding down 1486 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:21 | 72.5979167 | Deploying | 2 | 3660 | 2.05 | 0.94 | 2.08 | 8.05 | 2291 | 1623 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 14:21 | 72.5982639 | Deploying | 2 | 3690 | 2.07 | 0.94 | 2.1 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:22 | 72.5986111 | Deploying | 2 | 3720 | 2.07 | 0.94 | 2.12 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:22 | 72.5989352 | Winding down 1709 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:22 | 72.5989583 | Deploying | 2 | 3750 | 2.07 | 1 | 2.13 | 7.98 | 2289 | 1614 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:23 | 72.5993056 | Deploying | 2 | 3780 | 2.14 | 1 | 2.15 | 8.05 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:23 | 72.5996528 | Deploying | 2 | 3810 | 2.14 | 1 | 2.17 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:24 | 72.6000000 | Deploying | 2 | 3840 | 2.14 | 1 | 2.18 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:24 | 72.6003472 | Deploying | 2 | 3870 | 2.15 | 1 | 2.2 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:24 | 72.6005787 | Winding down 1520 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:25 | 72.6006944 | Deploying | 2 | 3900 | 2.17 | 1.06 | 2.22 | 8.06 | 2147 | 1626 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:25 | 72.6010417 | Deploying | 2 | 3930 | 2.21 | 1.06 | 2.23 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:26 | 72.6013889 | Deploying | 2 | 3960 | 2.22 | 1.06 | 2.25 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:26 | 72.6017361 | Deploying | 2 | 3990 | 2.22 | 1.06 | 2.27 | 8.08 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:26 | 72.6020023 | Winding down 1388 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:27 | 72.6020833 | Deploying | 2 | 4020 | 2.24 | 1.11 | 2.29 | 8.02 | 2288 | 1610 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:27 | 72.6024306 | Deploying | 2 | 4050 | 2.27 | 1.11 | 2.3 | 8.03 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:28 | 72.6027778 | Deploying | 2 | 4080 | 2.28 | 1.11 | 2.32 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:28 | 72.6031250 | Deploying | 2 | 4110 | 2.28 | 1.11 | 2.34 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:28 | 72.6032639 | Winding down 1707 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 14:29 | 72.6034722 | Deploying | 2 | 4140 | 2.32 | 1.18 | 2.35 | 8.03 | 2282 | 1617 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:29 | 72.6038194 | Deploying | 2 | 4170 | 2.35 | 1.18 | 2.37 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 14:30 | 72.6041667 | Deploying | 2 | 4200 | 2.36 | 1.18 | 2.39 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:30 | 72.6045139 Deploying | 2 | 4230 | 2.36 | 1.18 | 2.4 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:30 | 72.6046759 Winding down 1310 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:31 | 72.6048611 Deploying | 2 | 4260 | 2.38 | 1.23 | 2.42 | 8.06 | 2070 | 1586 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:31 | 72.6052083 Deploying | 2 | 4290 | 2.4 | 1.23 | 2.44 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:32 | 72.6055556 Deploying | 2 | 4320 | 2.42 | 1.23 | 2.46 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:32 | 72.6059028 Deploying | 2 | 4350 | 2.42 | 1.23 | 2.47 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:32 | 72.6061921 Winding down 1766 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:33 | 72.6062500 Deploying | 2 | 4380 | 2.43 | 1.3 | 2.49 | 8.05 | 2113 | 1623 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:33 | 72.6065972 Deploying | 2 | 4410 | 2.5 | 1.3 | 2.51 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:34 | 72.6069444 Deploying | 2 | 4440 | 2.49 | 1.3 | 2.52 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:34 | 72.6072917 Deploying | 2 | 4470 | 2.49 | 1.3 | 2.54 | 8.02 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:34 | 72.6075579 Winding down 1513 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:35 | 72.6076389 Deploying | 2 | 4500 | 2.51 | 1.35 | 2.56 | 8.06 | 2289 | 1626 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 14:35 | 72.6079861 Deploying | 2 | 4530 | 2.55 | 1.35 | 2.57 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:36 | 72.6083333 Deploying | 2 | 4560 | 2.56 | 1.35 | 2.59 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:36 | 72.6086806 Deploying | 2 | 4590 | 2.56 | 1.35 | 2.61 | 8.03 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 14:36 | 72.6089236 Winding down 1810 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:37 | 72.6090278 Deploying | 2 | 4620 | 2.57 | 1.42 | 2.63 | 8.03 | 2115 | 1604 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:37 | 72.6093750 Deploying | 2 | 4650 | 2.63 | 1.42 | 2.64 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:38 | 72.6097222 Deploying | 2 | 4680 | 2.64 | 1.42 | 2.66 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:38 | 72.6100694 Deploying | 2 | 4710 | 2.64 | 1.42 | 2.68 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:39 | 72.6104167 Deploying | 2 | 4740 | 2.65 | 1.42 | 2.69 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:39 | 72.6106713 Winding down 1699 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:39 | 72.6107639 Deploying | 2 | 4770 | 2.65 | 1.49 | 2.71 | 8.02 | 2270 | 1611 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:40 | 72.6111111 Deploying | 2 | 4800 | 2.71 | 1.49 | 2.73 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 14:40 | 72.6114583 Deploying | 2 | 4830 | 2.72 | 1.49 | 2.74 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:41 | 72.6118056 Deploying | 2 | 4860 | 2.71 | 1.49 | 2.76 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:41 | 72.6119907 Winding down 1389 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:41 | 72.6121528 Deploying | 2 | 4890 | 2.75 | 1.54 | 2.78 | 8.03 | 2304 | 1633 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:42 | 72.6125000 Deploying | 2 | 4920 | 2.78 | 1.54 | 2.8 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 14:42 | 72.6128472 Deploying | 2 | 4950 | 2.78 | 1.54 | 2.81 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:43 | 72.6131944 Deploying | 2 | 4980 | 2.78 | 1.54 | 2.83 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:43 | 72.6135417 Deploying | 2 | 5010 | 2.78 | 1.54 | 2.85 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:43 | 72.6135648 Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:44 | 72.6138889 Deploying | 2 | 5040 | 2.84 | 1.6 | 2.86 | 8.05 | 2101 | 1599 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:44 | 72.6142361 Deploying | 2 | 5070 | 2.86 | 1.6 | 2.88 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:45 | 72.6145833 Deploying | 2 | 5100 | 2.86 | 1.6 | 2.9 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:45 | 72.6149306 Deploying | 2 | 5130 | 2.87 | 1.6 | 2.91 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:45 | 72.6151620 Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:46 | 72.6152778 Deploying | 2 | 5160 | 2.89 | 1.67 | 2.93 | 8.05 | 2084 | 1605 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:46 | 72.6156250 Deploying | 2 | 5190 | 2.93 | 1.67 | 2.95 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:47 | 72.6159722 Deploying | 2 | 5220 | 2.94 | 1.67 | 2.97 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:47 | 72.6163194 Deploying | 2 | 5250 | 2.93 | 1.67 | 2.98 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:47 | 72.6164815 Winding down 1385 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:48 | 72.6166667 Deploying | 2 | 5280 | 2.97 | 1.72 | 3 | 8.03 | 2308 | 1652 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:48 | 72.6170139 Deploying | 2 | 5310 | 3 | 1.72 | 3.02 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:49 | 72.6173611 Deploying | 2 | 5340 | 3 | 1.72 | 3.03 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:49 | 72.6177083 Deploying | 2 | 5370 | 3 | 1.72 | 3.05 | 8.03 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:49 | 72.6180440 Winding down 1698 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:50 | 72.6180556 Deploying | 2 | 5400 | 3 | 1.78 | 3.07 | 8.02 | 2249 | 1647 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 14:50 | 72.6184028 Deploying | 2 | 5430 | 3.07 | 1.78 | 3.08 | 8.03 | 2249 | 97 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:51 | 72.6187500 Deploying | 2 | 5460 | 3.07 | 1.78 | 3.1 | 8.02 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:51 | 72.6190972 Deploying | 2 | 5490 | 3.08 | 1.78 | 3.12 | 8.03 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:51 | 72.6194329 Winding down 1523 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:52 | 72.6194444 | Deploying | 2 | 5520 | 3.07 | 1.84 | 3.14 | 8.05 | 2128 | 1605 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:52 | 72.6197917 | Deploying | 2 | 5550 | 3.15 | 1.84 | 3.15 | 8.06 | 2128 | 78 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:53 | 72.6201389 | Deploying | 2 | 5580 | 3.15 | 1.84 | 3.17 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:53 | 72.6204861 | Deploying | 2 | 5610 | 3.15 | 1.84 | 3.19 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:54 | 72.6208333 | Deploying | 2 | 5640 | 3.15 | 1.84 | 3.2 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:54 | 72.6209028 | Winding down 1472 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:54 | 72.6211806 | Deploying | 2 | 5670 | 3.2 | 1.9 | 3.22 | 8.03 | 2309 | 1637 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:55 | 72.6215278 | Deploying | 2 | 5700 | 3.22 | 1.9 | 3.24 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:55 | 72.6218750 | Deploying | 2 | 5730 | 3.22 | 1.9 | 3.25 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:56 | 72.6222222 | Deploying | 2 | 5760 | 3.21 | 1.9 | 3.27 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:56 | 72.6223495 | Winding down 1718 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:56 | 72.6225694 | Deploying | 2 | 5790 | 3.27 | 1.96 | 3.29 | 8.03 | 2311 | 1672 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:57 | 72.6229167 | Deploying | 2 | 5820 | 3.31 | 1.96 | 3.31 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:57 | 72.6232639 | Deploying | 2 | 5850 | 3.31 | 1.96 | 3.32 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 14:58 | 72.6236111 | Deploying | 2 | 5880 | 3.3 | 1.96 | 3.34 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:58 | 72.6239583 | Deploying | 2 | 5910 | 3.31 | 1.96 | 3.36 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:58 | 72.6241898 | Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 14:59 | 72.6243056 | Deploying | 2 | 5940 | 3.32 | 2.02 | 3.37 | 8.03 | 2147 | 1604 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 14:59 | 72.6246528 | Deploying | 2 | 5970 | 3.37 | 2.02 | 3.39 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:00 | 72.6250000 | Deploying | 2 | 6000 | 3.37 | 2.02 | 3.41 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:00 | 72.6253472 | Deploying | 2 | 6030 | 3.37 | 2.02 | 3.42 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:00 | 72.6255556 | Winding down 1667 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:01 | 72.6256944 | Deploying | 2 | 6060 | 3.4 | 2.08 | 3.44 | 8.02 | 2302 | 1647 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:01 | 72.6260417 | Deploying | 2 | 6090 | 3.44 | 2.08 | 3.46 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:02 | 72.6263889 | Deploying | 2 | 6120 | 3.45 | 2.08 | 3.48 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:02 | 72.6267361 | Deploying | 2 | 6150 | 3.45 | 2.08 | 3.49 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:02 | 72.6270718 | Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:03 | 72.6270833 | Deploying | 2 | 6180 | 3.45 | 2.14 | 3.51 | 8.03 | 2169 | 1631 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:03 | 72.6274306 | Deploying | 2 | 6210 | 3.52 | 2.14 | 3.53 | 8.03 | 2169 | 52 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:04 | 72.6277778 | Deploying | 2 | 6240 | 3.51 | 2.14 | 3.54 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:04 | 72.6281250 | Deploying | 2 | 6270 | 3.52 | 2.14 | 3.56 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:05 | 72.6284722 | Deploying | 2 | 6300 | 3.52 | 2.14 | 3.58 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:05 | 72.6286227 | Winding down 1721 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:05 | 72.6288194 | Deploying | 2 | 6330 | 3.56 | 2.21 | 3.59 | 8.03 | 2167 | 1628 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:06 | 72.6291667 | Deploying | 2 | 6360 | 3.6 | 2.21 | 3.61 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:06 | 72.6295139 | Deploying | 2 | 6390 | 3.6 | 2.21 | 3.63 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:07 | 72.6298611 | Deploying | 2 | 6420 | 3.59 | 2.21 | 3.65 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:07 | 72.6300000 | Winding down 1332 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:07 | 72.6302083 | Deploying | 2 | 6450 | 3.63 | 2.26 | 3.66 | 8.02 | 2178 | 1645 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:08 | 72.6305556 | Deploying | 2 | 6480 | 3.66 | 2.26 | 3.68 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:08 | 72.6309028 | Deploying | 2 | 6510 | 3.66 | 2.26 | 3.7 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:09 | 72.6312500 | Deploying | 2 | 6540 | 3.66 | 2.26 | 3.71 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:09 | 72.6314468 | Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:09 | 72.6315972 | Deploying | 2 | 6570 | 3.69 | 2.32 | 3.73 | 8.03 | 2299 | 1630 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:10 | 72.6319444 | Deploying | 2 | 6600 | 3.72 | 2.32 | 3.75 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:10 | 72.6322917 | Deploying | 2 | 6630 | 3.73 | 2.32 | 3.76 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:11 | 72.6326389 | Deploying | 2 | 6660 | 3.72 | 2.32 | 3.78 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:11 | 72.6328125 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:11 | 72.6329861 | Deploying | 2 | 6690 | 3.76 | 2.38 | 3.8 | 8.03 | 2306 | 1660 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:12 | 72.6333333 | Deploying | 2 | 6720 | 3.8 | 2.38 | 3.82 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:12 | 72.6336806 | Deploying | 2 | 6750 | 3.8 | 2.38 | 3.83 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:13 | 72.6340278 | Deploying | 2 | 6780 | 3.8 | 2.38 | 3.85 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:13 | 72.6343634 | Winding down 1548 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:13 | 72.6343750 | Deploying | 2 | 6810 | 3.81 | 2.44 | 3.87 | 8.02 | 2118 | 1617 | 0 | 7 | 7 | 7 | 7 |

| 3/12/2016 15:14 | 72.6347222 Deploying | 2 | 6840 | 3.87 | 2.44 | 3.88 | 8.03 | 2118 | 73 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:14 | 72.6350694 Deploying | 2 | 6870 | 3.87 | 2.44 | 3.9 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:15 | 72.6354167 Deploying | 2 | 6900 | 3.88 | 2.44 | 3.92 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:15 | 72.6357639 Deploying | 2 | 6930 | 3.87 | 2.44 | 3.93 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:15 | 72.6358218 Winding down 1683 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:16 | 72.6361111 Deploying | 2 | 6960 | 3.94 | 2.5 | 3.95 | 8.02 | 2264 | 1624 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:16 | 72.6364583 Deploying | 2 | 6990 | 3.95 | 2.5 | 3.97 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:17 | 72.6368056 Deploying | 2 | 7020 | 3.95 | 2.5 | 3.99 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:17 | 72.6371528 Deploying | 2 | 7050 | 3.95 | 2.5 | 4 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:17 | 72.6373148 Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:18 | 72.6375000 Deploying | 2 | 7080 | 3.99 | 2.56 | 4.02 | 8.03 | 2188 | 1626 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:18 | 72.6378472 Deploying | 2 | 7110 | 4.02 | 2.56 | 4.04 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:19 | 72.6381944 Deploying | 2 | 7140 | 4.03 | 2.56 | 4.05 | 8.03 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 15:19 | 72.6385417 Deploying | 2 | 7170 | 4.02 | 2.56 | 4.07 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:19 | 72.6387616 Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:20 | 72.6388889 Deploying | 2 | 7200 | 4.05 | 2.62 | 4.09 | 8.05 | 2290 | 1640 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:20 | 72.6392361 Deploying | 2 | 7230 | 4.09 | 2.62 | 4.1 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:21 | 72.6395833 Deploying | 2 | 7260 | 4.09 | 2.62 | 4.12 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:21 | 72.6399306 Deploying | 2 | 7290 | 4.09 | 2.62 | 4.14 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:22 | 72.6402778 Deploying | 2 | 7320 | 4.09 | 2.62 | 4.16 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:22 | 72.6403009 Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:22 | 72.6406250 Deploying | 2 | 7350 | 4.16 | 2.68 | 4.17 | 8.02 | 2210 | 1609 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:23 | 72.6409722 Deploying | 2 | 7380 | 4.17 | 2.68 | 4.19 | 8.03 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:23 | 72.6413194 Deploying | 2 | 7410 | 4.16 | 2.68 | 4.21 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:23 | 72.6416088 Winding down 1466 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:24 | 72.6416667 Deploying | 2 | 7440 | 4.17 | 2.74 | 4.22 | 8.02 | 2307 | 1648 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:24 | 72.6420139 Deploying | 2 | 7470 | 4.22 | 2.74 | 4.24 | 8.08 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:25 | 72.6423611 Deploying | 2 | 7500 | 4.23 | 2.74 | 4.26 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:25 | 72.6427083 Deploying | 2 | 7530 | 4.22 | 2.74 | 4.27 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:25 | 72.6429514 Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6430556 Deploying | 2 | 7560 | 4.25 | 2.8 | 4.29 | 8.03 | 2253 | 1596 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:26 | 72.6434028 Deploying | 2 | 7590 | 4.3 | 2.8 | 4.31 | 8.03 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:27 | 72.6437500 Deploying | 2 | 7620 | 4.3 | 2.8 | 4.33 | 8.02 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:27 | 72.6440972 Deploying | 2 | 7650 | 4.3 | 2.8 | 4.34 | 8 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:28 | 72.6444444 Deploying | 2 | 7680 | 4.3 | 2.8 | 4.36 | 8 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:28 | 72.6446181 Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:28 | 72.6447917 Deploying | 2 | 7710 | 4.34 | 2.86 | 4.38 | 8.03 | 2292 | 1626 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:29 | 72.6451389 Deploying | 2 | 7740 | 4.38 | 2.86 | 4.39 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:29 | 72.6454861 Deploying | 2 | 7770 | 4.38 | 2.86 | 4.41 | 8 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:30 | 72.6458333 Deploying | 2 | 7800 | 4.38 | 2.86 | 4.43 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:30 | 72.6460648 Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:30 | 72.6461806 Deploying | 2 | 7830 | 4.39 | 2.92 | 4.44 | 8.03 | 2299 | 1663 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:31 | 72.6465278 Deploying | 2 | 7860 | 4.44 | 2.92 | 4.46 | 8.02 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:31 | 72.6468750 Deploying | 2 | 7890 | 4.45 | 2.92 | 4.48 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:32 | 72.6472222 Deploying | 2 | 7920 | 4.46 | 2.92 | 4.5 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:32 | 72.6475694 Deploying | 2 | 7950 | 4.45 | 2.92 | 4.51 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:32 | 72.6476620 Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:33 | 72.6479167 Deploying | 2 | 7980 | 4.5 | 2.98 | 4.53 | 8.03 | 2035 | 1573 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:33 | 72.6482639 Deploying | 2 | 8010 | 4.53 | 2.98 | 4.55 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:34 | 72.6486111 Deploying | 2 | 8040 | 4.53 | 2.98 | 4.56 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:34 | 72.6489583 Deploying | 2 | 8070 | 4.52 | 2.98 | 4.58 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:34 | 72.6490394 Winding down 1611 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:35 | 72.6493056 Deploying | 2 | 8100 | 4.58 | 3.05 | 4.6 | 8 | 2312 | 1649 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:35 | 72.6496528 Deploying | 2 | 8130 | 4.61 | 3.05 | 4.61 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 15:36 | 72.6500000 Deploying | 2 | 8160 | 4.59 | 3.05 | 4.63 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 15:36 | 72.6503472 Deploying | 2 | 8190 | 4.61 | 3.05 | 4.65 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:37 | 72.6506944 Deploying | 2 | 8220 | 4.6 | 3.05 | 4.67 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:37 | 72.6507176 Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:37 | 72.6510417 Deploying | 2 | 8250 | 4.68 | 3.11 | 4.68 | 8.02 | 2159 | 1622 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:38 | 72.6513889 Deploying | 2 | 8280 | 4.68 | 3.11 | 4.7 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:38 | 72.6517361 Deploying | 2 | 8310 | 4.68 | 3.11 | 4.72 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:39 | 72.6520833 Deploying | 2 | 8340 | 4.68 | 3.11 | 4.73 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:39 | 72.6523380 Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:39 | 72.6524306 Deploying | 2 | 8370 | 4.7 | 3.17 | 4.75 | 8.03 | 2142 | 1618 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:40 | 72.6527778 Deploying | 2 | 8400 | 4.75 | 3.17 | 4.77 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:40 | 72.6531250 Deploying | 2 | 8430 | 4.76 | 3.17 | 4.78 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:41 | 72.6534722 Deploying | 2 | 8460 | 4.76 | 3.17 | 4.8 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:41 | 72.6537963 Winding down 1659 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:41 | 72.6538194 Deploying | 2 | 8490 | 4.76 | 3.23 | 4.82 | 7.95 | 2150 | 1623 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:42 | 72.6541667 Deploying | 2 | 8520 | 4.83 | 3.23 | 4.84 | 8 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:42 | 72.6545139 Deploying | 2 | 8550 | 4.83 | 3.23 | 4.85 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:43 | 72.6548611 Deploying | 2 | 8580 | 4.83 | 3.23 | 4.87 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:43 | 72.6552083 Deploying | 2 | 8610 | 4.83 | 3.23 | 4.89 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:43 | 72.6552778 Winding down 1547 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:44 | 72.6555556 Deploying | 2 | 8640 | 4.88 | 3.29 | 4.9 | 8.03 | 2185 | 1642 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:44 | 72.6559028 Deploying | 2 | 8670 | 4.9 | 3.29 | 4.92 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:45 | 72.6562500 Deploying | 2 | 8700 | 4.9 | 3.29 | 4.94 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:45 | 72.6565972 Deploying | 2 | 8730 | 4.9 | 3.29 | 4.95 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:45 | 72.6568634 Winding down 1588 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:46 | 72.6569444 Deploying | 2 | 8760 | 4.92 | 3.35 | 4.97 | 8 | 2304 | 1652 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:46 | 72.6572917 Deploying | 2 | 8790 | 4.96 | 3.35 | 4.99 | 8.02 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:47 | 72.6576389 Deploying | 2 | 8820 | 4.97 | 3.35 | 5.01 | 8.05 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:47 | 72.6579861 Deploying | 2 | 8850 | 4.97 | 3.35 | 5.02 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:47 | 72.6581597 Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:48 | 72.6583333 Deploying | 2 | 8880 | 5.01 | 3.41 | 5.04 | 8.02 | 2176 | 1643 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:48 | 72.6586806 Deploying | 2 | 8910 | 5.05 | 3.41 | 5.06 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:49 | 72.6590278 Deploying | 2 | 8940 | 5.05 | 3.41 | 5.07 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:49 | 72.6593750 Deploying | 2 | 8970 | 5.04 | 3.41 | 5.09 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:49 | 72.6596991 Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:50 | 72.6597222 Deploying | 2 | 9000 | 5.05 | 3.47 | 5.11 | 7.94 | 2310 | 1641 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:50 | 72.6600694 Deploying | 2 | 9030 | 5.11 | 3.47 | 5.12 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:51 | 72.6604167 Deploying | 2 | 9060 | 5.11 | 3.47 | 5.14 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:51 | 72.6607639 Deploying | 2 | 9090 | 5.12 | 3.47 | 5.16 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:52 | 72.6611111 Deploying | 2 | 9120 | 5.12 | 3.47 | 5.18 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:52 | 72.6613079 Winding down 1778 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:52 | 72.6614583 Deploying | 2 | 9150 | 5.15 | 3.54 | 5.19 | 8.02 | 2086 | 1602 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 15:53 | 72.6618056 Deploying | 2 | 9180 | 5.19 | 3.54 | 5.21 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:53 | 72.6621528 Deploying | 2 | 9210 | 5.2 | 3.54 | 5.23 | 8.05 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 15:54 | 72.6625000 Deploying | 2 | 9240 | 5.2 | 3.54 | 5.24 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:54 | 72.6628472 Deploying | 2 | 9270 | 5.21 | 3.54 | 5.26 | 7.97 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 3/12/2016 15:54 | 72.6628472 Winding down 1362 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:55 | 72.6631944 Deploying | 2 | 9300 | 5.25 | 3.59 | 5.28 | 8 | 2290 | 1634 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:55 | 72.6635417 Deploying | 2 | 9330 | 5.26 | 3.59 | 5.29 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:56 | 72.6638889 Deploying | 2 | 9360 | 5.26 | 3.59 | 5.31 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 15:56 | 72.6641667 Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:56 | 72.6642361 Deploying | 2 | 9390 | 5.28 | 3.65 | 5.33 | 8.03 | 2303 | 1664 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:57 | 72.6645833 Deploying | 2 | 9420 | 5.34 | 3.65 | 5.35 | 8.02 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:57 | 72.6649306 Deploying | 2 | 9450 | 5.34 | 3.65 | 5.36 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 15:58 | 72.6652778 Deploying | 2 | 9480 | 5.34 | 3.65 | 5.38 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 3/12/2016 15:58 | 72.6656250 Deploying | 2 | 9510 | 5.33 | 3.65 | 5.4 | 8.03 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 15:58 | 72.6656713 Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:59 | 72.6659722 Deploying | 2 | 9540 | 5.41 | 3.71 | 5.41 | 8.02 | 2303 | 1634 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 15:59 | 72.6663194 Deploying | 2 | 9570 | 5.41 | 3.71 | 5.43 | 8.02 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 16:00 | 72.6666667 Deploying | 2 | 9600 | 5.42 | 3.71 | 5.45 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:00 | 72.6670139 Deploying | 2 | 9630 | 5.42 | 3.71 | 5.46 | 8.02 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 16:01 | 72.66673611 Deploying | 2 | 9660 | 5.42 | 3.71 | 5.48 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:01 | 72.6674537 Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:01 | 72.6677083 Deploying | 2 | 9690 | 5.47 | 3.77 | 5.5 | 7.98 | 2311 | 1673 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:02 | 72.6680556 Deploying | 2 | 9720 | 5.49 | 3.77 | 5.52 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:02 | 72.6684028 Deploying | 2 | 9750 | 5.49 | 3.77 | 5.53 | 8.02 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 16:03 | 72.6687500 Deploying | 2 | 9780 | 5.5 | 3.77 | 5.55 | 8.02 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:03 | 72.6688657 Winding down 1479 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:03 | 72.6690972 Deploying | 2 | 9810 | 5.55 | 3.83 | 5.57 | 8 | 2274 | 1662 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:04 | 72.6694444 Deploying | 2 | 9840 | 5.56 | 3.83 | 5.58 | 8 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 3/12/2016 16:04 | 72.6697917 Deploying | 2 | 9870 | 5.57 | 3.83 | 5.6 | 8 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 3/12/2016 16:05 | 72.6701389 Deploying | 2 | 9900 | 5.57 | 3.83 | 5.62 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:05 | 72.6704861 Deploying | 2 | 9930 | 5.58 | 3.83 | 5.63 | 8.02 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 3/12/2016 16:05 | 72.6705671 Winding down 1486 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:06 | 72.6708333 Deploying | 2 | 9960 | 5.62 | 3.89 | 5.65 | 8 | 2309 | 1649 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:06 | 72.6711806 Deploying | 2 | 9990 | 5.63 | 3.89 | 5.67 | 8.02 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:07 | 72.6715278 Deploying | 2 | 10020 | 5.63 | 3.89 | 5.69 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:07 | 72.6717477 Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:07 | 72.6718750 Deploying | 2 | 10050 | 5.66 | 3.95 | 5.7 | 8.02 | 2166 | 1609 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:08 | 72.6722222 Deploying | 2 | 10080 | 5.7 | 3.95 | 5.72 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:08 | 72.6725694 Deploying | 2 | 10110 | 5.71 | 3.95 | 5.74 | 8.02 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:09 | 72.6729167 Deploying | 2 | 10140 | 5.71 | 3.95 | 5.75 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:09 | 72.6732639 Deploying | 2 | 10170 | 5.71 | 3.95 | 5.77 | 8 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 16:09 | 72.6733218 Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:10 | 72.6736111 Deploying | 2 | 10200 | 5.77 | 4 | 5.79 | 8.02 | 2198 | 1613 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:10 | 72.6739583 Deploying | 2 | 10230 | 5.78 | 4 | 5.8 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:11 | 72.6743056 Deploying | 2 | 10260 | 5.79 | 4 | 5.82 | 8.02 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:11 | 72.6746528 Deploying | 2 | 10290 | 5.77 | 4 | 5.84 | 8.02 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:11 | 72.6747685 Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:12 | 72.6750000 Deploying | 2 | 10320 | 5.83 | 4.07 | 5.86 | 8 | 2303 | 1626 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 16:12 | 72.6753472 Deploying | 2 | 10350 | 5.85 | 4.07 | 5.87 | 8.02 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:13 | 72.6756944 Deploying | 2 | 10380 | 5.86 | 4.07 | 5.89 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:13 | 72.6760417 Deploying | 2 | 10410 | 5.86 | 4.07 | 5.91 | 8 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:14 | 72.6763889 Deploying | 2 | 10440 | 5.85 | 4.07 | 5.92 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:14 | 72.6763889 Winding down 1762 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:14 | 72.6767361 Deploying | 2 | 10470 | 5.92 | 4.14 | 5.94 | 8 | 2290 | 1656 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:15 | 72.6770833 Deploying | 2 | 10500 | 5.92 | 4.14 | 5.96 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:15 | 72.6774306 Deploying | 2 | 10530 | 5.93 | 4.14 | 5.97 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:15 | 72.6777431 Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:16 | 72.6777778 Deploying | 2 | 10560 | 5.93 | 4.2 | 5.99 | 8 | 2310 | 1631 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:16 | 72.6781250 Deploying | 2 | 10590 | 6 | 4.2 | 6.01 | 8.03 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:17 | 72.6784722 Deploying | 2 | 10620 | 5.99 | 4.2 | 6.03 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:17 | 72.6788194 Deploying | 2 | 10650 | 6 | 4.2 | 6.04 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:17 | 72.6791319 Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:18 | 72.6791667 Deploying | 2 | 10680 | 6.01 | 4.25 | 6.06 | 8 | 2158 | 1616 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:18 | 72.6795139 Deploying | 2 | 10710 | 6.07 | 4.25 | 6.08 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:19 | 72.6798611 Deploying | 2 | 10740 | 6.06 | 4.25 | 6.09 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:19 | 72.6802083 Deploying | 2 | 10770 | 6.06 | 4.25 | 6.11 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:19 | 72.6805324 | Winding down 1584 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:20 | 72.6805556 | Deploying | 2 | 10800 | 6.07 | 4.31 | 6.13 | 7.95 | 2147 | 1615 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:20 | 72.6809028 | Deploying | 2 | 10830 | 6.13 | 4.31 | 6.14 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:21 | 72.6812500 | Deploying | 2 | 10860 | 6.13 | 4.31 | 6.16 | 8.06 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 16:21 | 72.6815972 | Deploying | 2 | 10890 | 6.14 | 4.31 | 6.18 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:22 | 72.6819444 | Deploying | 2 | 10920 | 6.13 | 4.31 | 6.2 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:22 | 72.6819444 | Winding down 1787 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:22 | 72.6822917 | Deploying | 2 | 10950 | 6.22 | 4.38 | 6.21 | 8 | 2219 | 1609 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:23 | 72.6826389 | Deploying | 2 | 10980 | 6.21 | 4.38 | 6.23 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:23 | 72.6829861 | Deploying | 2 | 11010 | 6.22 | 4.38 | 6.25 | 8.02 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:24 | 72.6833333 | Deploying | 2 | 11040 | 6.22 | 4.38 | 6.26 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:24 | 72.6836343 | Winding down 1380 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:24 | 72.6836806 | Deploying | 2 | 11070 | 6.24 | 4.43 | 6.28 | 8 | 2127 | 1601 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 16:25 | 72.6840278 | Deploying | 2 | 11100 | 6.27 | 4.43 | 6.3 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:25 | 72.6843750 | Deploying | 2 | 11130 | 6.27 | 4.43 | 6.31 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:26 | 72.6847222 | Deploying | 2 | 11160 | 6.27 | 4.43 | 6.33 | 8.02 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 16:26 | 72.6847569 | Winding down 1505 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:26 | 72.6850694 | Deploying | 2 | 11190 | 6.34 | 4.49 | 6.35 | 8 | 2166 | 1610 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:27 | 72.6854167 | Deploying | 2 | 11220 | 6.34 | 4.49 | 6.37 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:27 | 72.6857639 | Deploying | 2 | 11250 | 6.34 | 4.49 | 6.38 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:28 | 72.6861111 | Deploying | 2 | 11280 | 6.34 | 4.49 | 6.4 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 16:28 | 72.6862384 | Winding down 1768 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:28 | 72.6864583 | Deploying | 2 | 11310 | 6.39 | 4.55 | 6.42 | 8 | 2109 | 1603 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:29 | 72.6868056 | Deploying | 2 | 11340 | 6.42 | 4.55 | 6.43 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:29 | 72.6871528 | Deploying | 2 | 11370 | 6.42 | 4.55 | 6.45 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:30 | 72.6875000 | Deploying | 2 | 11400 | 6.43 | 4.55 | 6.47 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:30 | 72.6878472 | Deploying | 2 | 11430 | 6.42 | 4.55 | 6.48 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:30 | 72.6878819 | Winding down 1605 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:31 | 72.6881944 | Deploying | 2 | 11460 | 6.49 | 4.61 | 6.5 | 8 | 2306 | 1667 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:31 | 72.6885417 | Deploying | 2 | 11490 | 6.49 | 4.61 | 6.52 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:32 | 72.6888889 | Deploying | 2 | 11520 | 6.5 | 4.61 | 6.54 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:32 | 72.6892361 | Deploying | 2 | 11550 | 6.49 | 4.61 | 6.55 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:32 | 72.6893403 | Winding down 1640 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:33 | 72.6895833 | Deploying | 2 | 11580 | 6.54 | 4.68 | 6.57 | 8.02 | 2299 | 1642 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:33 | 72.6899306 | Deploying | 2 | 11610 | 6.57 | 4.68 | 6.59 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:34 | 72.6902778 | Deploying | 2 | 11640 | 6.56 | 4.68 | 6.6 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:34 | 72.6906250 | Deploying | 2 | 11670 | 6.57 | 4.68 | 6.62 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:34 | 72.6907755 | Winding down 1621 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:35 | 72.6909722 | Deploying | 2 | 11700 | 6.6 | 4.74 | 6.64 | 8.03 | 2193 | 1620 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:35 | 72.6913194 | Deploying | 2 | 11730 | 6.62 | 4.74 | 6.65 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:36 | 72.6916667 | Deploying | 2 | 11760 | 6.62 | 4.74 | 6.67 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:36 | 72.6920139 | Deploying | 2 | 11790 | 6.64 | 4.74 | 6.69 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:36 | 72.6920718 | Winding down 1358 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:37 | 72.6923611 | Deploying | 2 | 11820 | 6.68 | 4.79 | 6.71 | 7.98 | 2134 | 1642 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:37 | 72.6927083 | Deploying | 2 | 11850 | 6.68 | 4.79 | 6.72 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:38 | 72.6930556 | Deploying | 2 | 11880 | 6.69 | 4.79 | 6.74 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:38 | 72.6933565 | Winding down 1655 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:38 | 72.6934028 | Deploying | 2 | 11910 | 6.7 | 4.85 | 6.76 | 8 | 2307 | 1635 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:39 | 72.6937500 | Deploying | 2 | 11940 | 6.76 | 4.85 | 6.77 | 7.98 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 16:39 | 72.6940972 | Deploying | 2 | 11970 | 6.76 | 4.85 | 6.79 | 8.02 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 3/12/2016 16:40 | 72.6944444 | Deploying | 2 | 12000 | 6.78 | 4.85 | 6.81 | 8 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 3/12/2016 16:40 | 72.6947917 | Deploying | 2 | 12030 | 6.77 | 4.85 | 6.82 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:40 | 72.6949421 | Winding down 1596 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:41 | 72.6951389 | Deploying | 2 | 12060 | 6.8 | 4.91 | 6.84 | 8 | 2136 | 1618 | 0 | 6 | 6 | 6 | 6 |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:41 | 72.6954861 | Deploying | 2 | 12090 | 6.84 | 4.91 | 6.86 | 8 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:42 | 72.6958333 | Deploying | 2 | 12120 | 6.84 | 4.91 | 6.88 | 8.03 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:42 | 72.6961806 | Deploying | 2 | 12150 | 6.84 | 4.91 | 6.89 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:42 | 72.6963773 | Winding down 1278 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:43 | 72.6965278 | Deploying | 2 | 12180 | 6.87 | 4.96 | 6.91 | 7.98 | 2106 | 1594 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 16:43 | 72.6968750 | Deploying | 2 | 12210 | 6.89 | 4.96 | 6.93 | 8.02 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 3/12/2016 16:44 | 72.6972222 | Deploying | 2 | 12240 | 6.88 | 4.96 | 6.94 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:44 | 72.6973843 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:44 | 72.6975694 | Deploying | 2 | 12270 | 6.92 | 5.02 | 6.96 | 8 | 2189 | 1625 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:45 | 72.6979167 | Deploying | 2 | 12300 | 6.96 | 5.02 | 6.98 | 8.03 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:45 | 72.6982639 | Deploying | 2 | 12330 | 6.96 | 5.02 | 6.99 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:46 | 72.6986111 | Deploying | 2 | 12360 | 6.96 | 5.02 | 7.01 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:46 | 72.6987269 | Winding down 1454 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:46 | 72.6989583 | Deploying | 2 | 12390 | 7 | 5.08 | 7.03 | 7.98 | 2296 | 1622 | 0 | 5 | 7 | 6 | 7 |
| 3/12/2016 16:47 | 72.6993056 | Deploying | 2 | 12420 | 7.02 | 5.08 | 7.05 | 8 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:47 | 72.6996528 | Deploying | 2 | 12450 | 7.02 | 5.08 | 7.06 | 7.98 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 16:48 | 72.7000000 | Deploying | 2 | 12480 | 7.02 | 5.08 | 7.08 | 8 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 16:48 | 72.7000463 | Winding down 1469 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:48 | 72.7003472 | Deploying | 2 | 12510 | 7.08 | 5.13 | 7.1 | 8.02 | 2305 | 1656 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 16:49 | 72.7006944 | Deploying | 2 | 12540 | 7.09 | 5.13 | 7.11 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:49 | 72.7010417 | Deploying | 2 | 12570 | 7.09 | 5.13 | 7.13 | 7.98 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 16:50 | 72.7013889 | Deploying | 2 | 12600 | 7.1 | 5.13 | 7.15 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:50 | 72.7014699 | Winding down 1361 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:50 | 72.7017361 | Deploying | 2 | 12630 | 7.13 | 5.18 | 7.16 | 8.02 | 2151 | 1626 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:51 | 72.7020833 | Deploying | 2 | 12660 | 7.14 | 5.18 | 7.18 | 7.95 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:51 | 72.7024306 | Deploying | 2 | 12690 | 7.15 | 5.18 | 7.2 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:52 | 72.7027778 | Deploying | 2 | 12720 | 7.16 | 5.18 | 7.22 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:52 | 72.7028009 | Winding down 1390 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:52 | 72.7031250 | Deploying | 2 | 12750 | 7.2 | 5.24 | 7.23 | 8 | 2236 | 1634 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:53 | 72.7034722 | Deploying | 2 | 12780 | 7.2 | 5.24 | 7.25 | 8.02 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:53 | 72.7038194 | Deploying | 2 | 12810 | 7.21 | 5.24 | 7.27 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:53 | 72.7038657 | Winding down 1544 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:54 | 72.7041667 | Deploying | 2 | 12840 | 7.27 | 5.3 | 7.28 | 7.98 | 2232 | 1612 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:54 | 72.7045139 | Deploying | 2 | 12870 | 7.28 | 5.3 | 7.3 | 8 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:55 | 72.7048611 | Deploying | 2 | 12900 | 7.28 | 5.3 | 7.32 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:55 | 72.7052083 | Deploying | 2 | 12930 | 7.27 | 5.3 | 7.33 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:55 | 72.7053588 | Winding down 1596 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:56 | 72.7055556 | Deploying | 2 | 12960 | 7.32 | 5.36 | 7.35 | 8 | 2160 | 1641 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 16:56 | 72.7059028 | Deploying | 2 | 12990 | 7.35 | 5.36 | 7.37 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 16:57 | 72.7062500 | Deploying | 2 | 13020 | 7.36 | 5.36 | 7.39 | 7.95 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:57 | 72.7065972 | Deploying | 2 | 13050 | 7.36 | 5.36 | 7.4 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:58 | 72.7069444 | Deploying | 2 | 13080 | 7.35 | 5.36 | 7.42 | 7.97 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 16:58 | 72.7070139 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:58 | 72.7072917 | Deploying | 2 | 13110 | 7.4 | 5.42 | 7.44 | 7.98 | 2087 | 1616 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:59 | 72.7076389 | Deploying | 2 | 13140 | 7.42 | 5.42 | 7.45 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 16:59 | 72.7079861 | Deploying | 2 | 13170 | 7.43 | 5.42 | 7.47 | 7.97 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 17:00 | 72.7083333 | Deploying | 2 | 13200 | 7.42 | 5.42 | 7.49 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:00 | 72.7083333 | Winding down 1712 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:00 | 72.7086806 | Deploying | 2 | 13230 | 7.51 | 5.48 | 7.5 | 8.02 | 2270 | 1630 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:01 | 72.7090278 | Deploying | 2 | 13260 | 7.51 | 5.48 | 7.52 | 8 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:01 | 72.7093750 | Deploying | 2 | 13290 | 7.51 | 5.48 | 7.54 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:02 | 72.7097222 | Deploying | 2 | 13320 | 7.51 | 5.48 | 7.56 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:02 | 72.7099769 | Winding down 1449 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:02 | 72.7100694 | Deploying | 2 | 13350 | 7.53 | 5.54 | 7.57 | 8 | 2226 | 1630 | 0 | 7 | 7 | 7 | 7 |

| Date/Time | Value / Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:03 | 72.7104167 Deploying | 2 | 13380 | 7.57 | 5.54 | 7.59 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:03 | 72.7107639 Deploying | 2 | 13410 | 7.57 | 5.54 | 7.61 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:04 | 72.7111111 Deploying | 2 | 13440 | 7.56 | 5.54 | 7.62 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:04 | 72.7112500 Winding down 1732 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:04 | 72.7114583 Deploying | 2 | 13470 | 7.61 | 5.61 | 7.64 | 7.98 | 2201 | 1604 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:05 | 72.7118056 Deploying | 2 | 13500 | 7.64 | 5.61 | 7.66 | 8 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:05 | 72.7121528 Deploying | 2 | 13530 | 7.65 | 5.61 | 7.67 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:06 | 72.7125000 Deploying | 2 | 13560 | 7.65 | 5.61 | 7.69 | 8 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 17:06 | 72.7127662 Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:06 | 72.7128472 Deploying | 2 | 13590 | 7.65 | 5.67 | 7.71 | 8 | 2315 | 1642 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:07 | 72.7131944 Deploying | 2 | 13620 | 7.72 | 5.67 | 7.73 | 8.02 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:07 | 72.7135417 Deploying | 2 | 13650 | 7.72 | 5.67 | 7.74 | 8.02 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:08 | 72.7138889 Deploying | 2 | 13680 | 7.71 | 5.67 | 7.76 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:08 | 72.7140972 Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:08 | 72.7142361 Deploying | 2 | 13710 | 7.74 | 5.73 | 7.78 | 7.97 | 2293 | 1647 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:09 | 72.7145833 Deploying | 2 | 13740 | 7.79 | 5.73 | 7.79 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:09 | 72.7149306 Deploying | 2 | 13770 | 7.79 | 5.73 | 7.81 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:10 | 72.7152778 Deploying | 2 | 13800 | 7.79 | 5.73 | 7.83 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:10 | 72.7156250 Deploying | 2 | 13830 | 7.78 | 5.73 | 7.84 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:10 | 72.7158102 Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:11 | 72.7159722 Deploying | 2 | 13860 | 7.83 | 5.79 | 7.86 | 7.98 | 2293 | 1651 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:11 | 72.7163194 Deploying | 2 | 13890 | 7.86 | 5.79 | 7.88 | 8 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:12 | 72.7166667 Deploying | 2 | 13920 | 7.86 | 5.79 | 7.9 | 7.98 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 17:12 | 72.7170139 Deploying | 2 | 13950 | 7.86 | 5.79 | 7.91 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:12 | 72.7171644 Winding down 1546 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:13 | 72.7173611 Deploying | 2 | 13980 | 7.91 | 5.85 | 7.93 | 7.98 | 2225 | 1622 | 0 | 5 | 7 | 6 | 7 |
| 3/12/2016 17:13 | 72.7177083 Deploying | 2 | 14010 | 7.94 | 5.85 | 7.95 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:14 | 72.7180556 Deploying | 2 | 14040 | 7.93 | 5.85 | 7.96 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:14 | 72.7184028 Deploying | 2 | 14070 | 7.94 | 5.85 | 7.98 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:15 | 72.7187500 Deploying | 2 | 14100 | 7.95 | 5.85 | 8 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:15 | 72.7189236 Winding down 1425 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:15 | 72.7190972 Deploying | 2 | 14130 | 7.97 | 5.91 | 8.01 | 8 | 2279 | 1646 | 0 | 7 | 7 | 6 | 7 |
| 3/12/2016 17:16 | 72.7194444 Deploying | 2 | 14160 | 8 | 5.91 | 8.03 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:16 | 72.7197917 Deploying | 2 | 14190 | 8.01 | 5.91 | 8.05 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:16 | 72.7201157 Winding down 1459 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:17 | 72.7201389 Deploying | 2 | 14220 | 8.01 | 5.96 | 8.07 | 7.9 | 2289 | 1650 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:17 | 72.7204861 Deploying | 2 | 14250 | 8.07 | 5.96 | 8.08 | 7.95 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:18 | 72.7208333 Deploying | 2 | 14280 | 8.06 | 5.96 | 8.1 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:18 | 72.7211806 Deploying | 2 | 14310 | 8.08 | 5.96 | 8.12 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:18 | 72.7215162 Winding down 1723 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:19 | 72.7215278 Deploying | 2 | 14340 | 8.06 | 6.03 | 8.13 | 7.98 | 2289 | 1663 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:19 | 72.7218750 Deploying | 2 | 14370 | 8.16 | 6.03 | 8.15 | 8 | 2289 | 88 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:20 | 72.7222222 Deploying | 2 | 14400 | 8.16 | 6.03 | 8.17 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:20 | 72.7225694 Deploying | 2 | 14430 | 8.15 | 6.03 | 8.18 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:21 | 72.7229167 Deploying | 2 | 14460 | 8.16 | 6.03 | 8.2 | 7.95 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:21 | 72.7232407 Winding down 1709 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:21 | 72.7232639 Deploying | 2 | 14490 | 8.16 | 6.09 | 8.22 | 7.89 | 2140 | 1614 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:22 | 72.7236111 Deploying | 2 | 14520 | 8.23 | 6.09 | 8.24 | 8 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:22 | 72.7239583 Deploying | 2 | 14550 | 8.23 | 6.09 | 8.25 | 8 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:23 | 72.7243056 Deploying | 2 | 14580 | 8.23 | 6.09 | 8.27 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:23 | 72.7246296 Winding down 1484 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:23 | 72.7246528 Deploying | 2 | 14610 | 8.23 | 6.15 | 8.29 | 7.94 | 2090 | 1602 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:24 | 72.7250000 Deploying | 2 | 14640 | 8.28 | 6.15 | 8.3 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:24 | 72.7253472 Deploying | 2 | 14670 | 8.3 | 6.15 | 8.32 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |

| Date | Value | Status | | Ticks | V1 | V2 | V3 | V4 | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:25 | 72.7256944 | Deploying | 2 | 14700 | 8.29 | 6.15 | 8.34 | 8 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:25 | 72.7260417 | Deploying | 2 | 14730 | 8.3 | 6.15 | 8.35 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:25 | 72.7261806 | Winding down 1732 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:26 | 72.7263889 | Deploying | 2 | 14760 | 8.33 | 6.22 | 8.37 | 7.95 | 2275 | 1619 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:26 | 72.7267361 | Deploying | 2 | 14790 | 8.37 | 6.22 | 8.39 | 7.97 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:27 | 72.7270833 | Deploying | 2 | 14820 | 8.36 | 6.22 | 8.41 | 7.97 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 3/12/2016 17:27 | 72.7274306 | Deploying | 2 | 14850 | 8.37 | 6.22 | 8.42 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:27 | 72.7275926 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:28 | 72.7277778 | Deploying | 2 | 14880 | 8.41 | 6.28 | 8.44 | 7.95 | 2182 | 1601 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:28 | 72.7281250 | Deploying | 2 | 14910 | 8.43 | 6.28 | 8.46 | 7.97 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:29 | 72.7284722 | Deploying | 2 | 14940 | 8.44 | 6.28 | 8.47 | 7.98 | 0 | 0 | 0 | 4 | 5 | 5 | 5 |
| 3/12/2016 17:29 | 72.7288194 | Deploying | 2 | 14970 | 8.44 | 6.28 | 8.49 | 7.94 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:29 | 72.7289699 | Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:30 | 72.7291667 | Deploying | 2 | 15000 | 8.47 | 6.34 | 8.51 | 7.98 | 2288 | 1611 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:30 | 72.7295139 | Deploying | 2 | 15030 | 8.5 | 6.34 | 8.52 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:31 | 72.7298611 | Deploying | 2 | 15060 | 8.51 | 6.34 | 8.54 | 8 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:31 | 72.7302083 | Deploying | 2 | 15090 | 8.51 | 6.34 | 8.56 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:31 | 72.7303356 | Winding down 1393 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:32 | 72.7305556 | Deploying | 2 | 15120 | 8.55 | 6.39 | 8.58 | 7.98 | 2227 | 1610 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:32 | 72.7309028 | Deploying | 2 | 15150 | 8.57 | 6.39 | 8.59 | 8 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:33 | 72.7312500 | Deploying | 2 | 15180 | 8.58 | 6.39 | 8.61 | 8 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:33 | 72.7315972 | Deploying | 2 | 15210 | 8.57 | 6.39 | 8.63 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:33 | 72.7317361 | Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:34 | 72.7319444 | Deploying | 2 | 15240 | 8.6 | 6.45 | 8.64 | 8 | 2096 | 1608 | 0 | 6 | 5 | 6 | 5 |
| 3/12/2016 17:34 | 72.7322917 | Deploying | 2 | 15270 | 8.64 | 6.45 | 8.66 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:35 | 72.7326389 | Deploying | 2 | 15300 | 8.65 | 6.45 | 8.68 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:35 | 72.7329861 | Deploying | 2 | 15330 | 8.65 | 6.45 | 8.69 | 7.95 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:35 | 72.7332407 | Winding down 1499 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:36 | 72.7333333 | Deploying | 2 | 15360 | 8.67 | 6.51 | 8.71 | 7.97 | 2077 | 1580 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:36 | 72.7336806 | Deploying | 2 | 15390 | 8.7 | 6.51 | 8.73 | 7.98 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:37 | 72.7340278 | Deploying | 2 | 15420 | 8.71 | 6.51 | 8.75 | 8 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:37 | 72.7343750 | Deploying | 2 | 15450 | 8.71 | 6.51 | 8.76 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:37 | 72.7346065 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:38 | 72.7347222 | Deploying | 2 | 15480 | 8.73 | 6.58 | 8.78 | 8 | 2088 | 1601 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:38 | 72.7350694 | Deploying | 2 | 15510 | 8.79 | 6.58 | 8.8 | 7.98 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:39 | 72.7354167 | Deploying | 2 | 15540 | 8.79 | 6.58 | 8.81 | 7.97 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:39 | 72.7357639 | Deploying | 2 | 15570 | 8.81 | 6.58 | 8.83 | 7.98 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 3/12/2016 17:40 | 72.7361111 | Deploying | 2 | 15600 | 8.79 | 6.58 | 8.85 | 8 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:40 | 72.7363194 | Winding down 1642 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:40 | 72.7364583 | Deploying | 2 | 15630 | 8.82 | 6.64 | 8.86 | 7.98 | 2138 | 1619 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:41 | 72.7368056 | Deploying | 2 | 15660 | 8.86 | 6.64 | 8.88 | 7.97 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 3/12/2016 17:41 | 72.7371528 | Deploying | 2 | 15690 | 8.85 | 6.64 | 8.9 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 17:41 | 72.7373958 | Winding down 1360 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:42 | 72.7375000 | Deploying | 2 | 15720 | 8.88 | 6.69 | 8.92 | 8.02 | 2296 | 1620 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 17:42 | 72.7378472 | Deploying | 2 | 15750 | 8.93 | 6.69 | 8.93 | 7.97 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 3/12/2016 17:43 | 72.7381944 | Deploying | 2 | 15780 | 8.91 | 6.69 | 8.95 | 7.98 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 17:43 | 72.7385417 | Deploying | 2 | 15810 | 8.93 | 6.69 | 8.97 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:44 | 72.7388889 | Deploying | 2 | 15840 | 8.93 | 6.69 | 8.98 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:44 | 72.7389583 | Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:44 | 72.7392361 | Deploying | 2 | 15870 | 8.98 | 6.75 | 9 | 7.97 | 2295 | 1661 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:45 | 72.7395833 | Deploying | 2 | 15900 | 9.01 | 6.75 | 9.02 | 8 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 3/12/2016 17:45 | 72.7399306 | Deploying | 2 | 15930 | 9 | 6.75 | 9.03 | 8 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 17:46 | 72.7402778 | Deploying | 2 | 15960 | 9 | 6.75 | 9.05 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:46 | 72.7405671 | Winding down 1866 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:46 | 72.7406250 | Deploying | 2 | 15990 | 9.01 | 6.82 | 9.07 | 7.98 | 2121 | 1604 | 0 | 5 | 5 | 5 | 5 |
| 3/12/2016 17:47 | 72.7409722 | Deploying | 2 | 16020 | 9.07 | 6.82 | 9.09 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:47 | 72.7413194 | Deploying | 2 | 16050 | 9.09 | 6.82 | 9.1 | 7.97 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:48 | 72.7416667 | Deploying | 2 | 16080 | 9.08 | 6.82 | 9.12 | 7.98 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:48 | 72.7420139 | Deploying | 2 | 16110 | 9.08 | 6.82 | 9.14 | 7.98 | 0 | 0 | 0 | 6 | 4 | 5 | 4 |
| 3/12/2016 17:48 | 72.7420833 | Winding down 1497 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:49 | 72.7423611 | Deploying | 2 | 16140 | 9.14 | 6.87 | 9.15 | 7.98 | 2131 | 1629 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 17:49 | 72.7427083 | Deploying | 2 | 16170 | 9.15 | 6.87 | 9.17 | 7.98 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 17:50 | 72.7430556 | Deploying | 2 | 16200 | 9.15 | 6.87 | 9.19 | 7.98 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 3/12/2016 17:50 | 72.7433912 | Winding down 1498 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:50 | 72.7434028 | Deploying | 2 | 16230 | 9.15 | 6.93 | 9.2 | 7.97 | 2056 | 1609 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:51 | 72.7437500 | Deploying | 2 | 16260 | 9.21 | 6.93 | 9.22 | 7.97 | 2056 | 106 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 17:51 | 72.7440972 | Deploying | 2 | 16290 | 9.21 | 6.93 | 9.24 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:52 | 72.7444444 | Deploying | 2 | 16320 | 9.21 | 6.93 | 9.26 | 7.98 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 3/12/2016 17:52 | 72.7447917 | Deploying | 2 | 16350 | 9.23 | 6.93 | 9.27 | 7.98 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 3/12/2016 17:52 | 72.7450926 | Winding down 1780 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:53 | 72.7451389 | Deploying | 2 | 16380 | 9.23 | 7 | 9.29 | 8 | 2156 | 1605 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:53 | 72.7454861 | Deploying | 2 | 16410 | 9.29 | 7 | 9.31 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:54 | 72.7458333 | Deploying | 2 | 16440 | 9.3 | 7 | 9.32 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:54 | 72.7461806 | Deploying | 2 | 16470 | 9.3 | 7 | 9.34 | 7.97 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:55 | 72.7465278 | Deploying | 2 | 16500 | 9.29 | 7 | 9.36 | 8 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:55 | 72.7465394 | Winding down 1726 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:55 | 72.7468750 | Deploying | 2 | 16530 | 9.36 | 7.07 | 9.37 | 7.98 | 2290 | 1650 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:56 | 72.7472222 | Deploying | 2 | 16560 | 9.36 | 7.07 | 9.39 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 17:56 | 72.7475694 | Deploying | 2 | 16590 | 9.38 | 7.07 | 9.41 | 7.95 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 3/12/2016 17:57 | 72.7479167 | Deploying | 2 | 16620 | 9.37 | 7.07 | 9.43 | 7.94 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:57 | 72.7481019 | Winding down 1764 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:57 | 72.7482639 | Deploying | 2 | 16650 | 9.4 | 7.13 | 9.44 | 7.95 | 2129 | 1612 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 17:58 | 72.7486111 | Deploying | 2 | 16680 | 9.44 | 7.13 | 9.46 | 7.97 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 17:58 | 72.7489583 | Deploying | 2 | 16710 | 9.45 | 7.13 | 9.48 | 7.98 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 3/12/2016 17:59 | 72.7493056 | Deploying | 2 | 16740 | 9.44 | 7.13 | 9.49 | 7.95 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 17:59 | 72.7495602 | Winding down 1499 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:59 | 72.7496528 | Deploying | 2 | 16770 | 9.46 | 7.19 | 9.51 | 7.97 | 2163 | 1607 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:00 | 72.7500000 | Deploying | 2 | 16800 | 9.51 | 7.19 | 9.53 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:00 | 72.7503472 | Deploying | 2 | 16830 | 9.51 | 7.19 | 9.54 | 8 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:01 | 72.7506944 | Deploying | 2 | 16860 | 9.51 | 7.19 | 9.56 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:01 | 72.7509259 | Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:01 | 72.7510417 | Deploying | 2 | 16890 | 9.53 | 7.26 | 9.58 | 7.98 | 2302 | 1637 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:02 | 72.7513889 | Deploying | 2 | 16920 | 9.58 | 7.26 | 9.6 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:02 | 72.7517361 | Deploying | 2 | 16950 | 9.58 | 7.26 | 9.61 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:03 | 72.7520833 | Deploying | 2 | 16980 | 9.58 | 7.26 | 9.63 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:03 | 72.7524190 | Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:03 | 72.7524306 | Deploying | 2 | 17010 | 9.58 | 7.32 | 9.65 | 7.97 | 2292 | 1649 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:04 | 72.7527778 | Deploying | 2 | 17040 | 9.64 | 7.32 | 9.66 | 7.98 | 2292 | 93 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:04 | 72.7531250 | Deploying | 2 | 17070 | 9.64 | 7.32 | 9.68 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:05 | 72.7534722 | Deploying | 2 | 17100 | 9.66 | 7.32 | 9.7 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:05 | 72.7538194 | Deploying | 2 | 17130 | 9.66 | 7.32 | 9.71 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:05 | 72.7538542 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:06 | 72.7541667 | Deploying | 2 | 17160 | 9.72 | 7.38 | 9.73 | 7.98 | 2291 | 1656 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:06 | 72.7545139 | Deploying | 2 | 17190 | 9.72 | 7.38 | 9.75 | 7.94 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:07 | 72.7548611 | Deploying | 2 | 17220 | 9.72 | 7.38 | 9.77 | 7.92 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:07 | 72.7552083 | Deploying | 2 | 17250 | 9.72 | 7.38 | 9.78 | 7.94 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:07 | 72.7552662 | Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:08 | 72.7555556 | Deploying | 2 | 17280 | 9.77 | 7.44 | 9.8 | 7.95 | 2237 | 1657 | 0 | 6 | 7 | 6 | 7 |

| 3/12/2016 18:08 | 72.7559028 Deploying | 2 | 17310 | 9.79 | 7.44 | 9.82 | 7.97 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:09 | 72.7562500 Deploying | 2 | 17340 | 9.8 | 7.44 | 9.83 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:09 | 72.7565972 Deploying | 2 | 17370 | 9.79 | 7.44 | 9.85 | 7.98 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:09 | 72.7566319 Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:10 | 72.7569444 Deploying | 2 | 17400 | 9.86 | 7.51 | 9.87 | 7.98 | 2163 | 1601 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:10 | 72.7572917 Deploying | 2 | 17430 | 9.88 | 7.51 | 9.88 | 7.95 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:11 | 72.7576389 Deploying | 2 | 17460 | 9.87 | 7.51 | 9.9 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:11 | 72.7579861 Deploying | 2 | 17490 | 9.87 | 7.51 | 9.92 | 7.94 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:11 | 72.7582755 Winding down 1466 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:12 | 72.7583333 Deploying | 2 | 17520 | 9.89 | 7.57 | 9.94 | 7.97 | 2271 | 1609 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:12 | 72.7586806 Deploying | 2 | 17550 | 9.94 | 7.57 | 9.95 | 8 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:13 | 72.7590278 Deploying | 2 | 17580 | 9.94 | 7.57 | 9.97 | 7.97 | 0 | 0 | 0 | 5 | 4 | 5 | 4 |
| 3/12/2016 18:13 | 72.7593750 Deploying | 2 | 17610 | 9.94 | 7.57 | 9.99 | 7.95 | 0 | 0 | 0 | 4 | 5 | 4 | 5 |
| 3/12/2016 18:13 | 72.7596759 Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:14 | 72.7597222 Deploying | 2 | 17640 | 9.94 | 7.63 | 10 | 8 | 2258 | 1623 | 0 | 4 | 6 | 5 | 6 |
| 3/12/2016 18:14 | 72.7600694 Deploying | 2 | 17670 | 10.01 | 7.63 | 10.02 | 7.97 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 3/12/2016 18:15 | 72.7604167 Deploying | 2 | 17700 | 10.01 | 7.63 | 10.04 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:15 | 72.7607639 Deploying | 2 | 17730 | 10 | 7.63 | 10.05 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:15 | 72.7609722 Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:16 | 72.7611111 Deploying | 2 | 17760 | 10.03 | 7.69 | 10.07 | 7.98 | 2302 | 1644 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:16 | 72.7614583 Deploying | 2 | 17790 | 10.08 | 7.69 | 10.09 | 7.95 | 0 | 0 | 0 | 8 | 6 | 6 | 6 |
| 3/12/2016 18:17 | 72.7618056 Deploying | 2 | 17820 | 10.09 | 7.69 | 10.11 | 7.97 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:17 | 72.7621528 Deploying | 2 | 17850 | 10.08 | 7.69 | 10.12 | 7.95 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:18 | 72.7625000 Deploying | 2 | 17880 | 10.08 | 7.69 | 10.14 | 7.98 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 3/12/2016 18:18 | 72.7625231 Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:18 | 72.7628472 Deploying | 2 | 17910 | 10.14 | 7.75 | 10.16 | 7.97 | 2069 | 1604 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:19 | 72.7631944 Deploying | 2 | 17940 | 10.16 | 7.75 | 10.17 | 7.95 | 0 | 0 | 0 | 3 | 4 | 3 | 4 |
| 3/12/2016 18:19 | 72.7635417 Deploying | 2 | 17970 | 10.15 | 7.75 | 10.19 | 7.95 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 3/12/2016 18:20 | 72.7638889 Deploying | 2 | 18000 | 10.17 | 7.75 | 10.21 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:20 | 72.7642361 Deploying | 2 | 18030 | 10.15 | 7.75 | 10.22 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:20 | 72.7643287 Winding down 2050 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:21 | 72.7645833 Deploying | 2 | 18060 | 10.21 | 7.83 | 10.24 | 7.98 | 2277 | 1637 | 0 | 8 | 9 | 8 | 9 |
| 3/12/2016 18:21 | 72.7649306 Deploying | 2 | 18090 | 10.25 | 7.83 | 10.26 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:22 | 72.7652778 Deploying | 2 | 18120 | 10.24 | 7.83 | 10.28 | 7.94 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 18:22 | 72.7656250 Deploying | 2 | 18150 | 10.24 | 7.83 | 10.29 | 7.95 | 0 | 0 | 0 | 8 | 8 | 7 | 8 |
| 3/12/2016 18:22 | 72.7657176 Winding down 1425 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:23 | 72.7659722 Deploying | 2 | 18180 | 10.29 | 7.88 | 10.31 | 7.95 | 2272 | 1618 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 18:23 | 72.7663194 Deploying | 2 | 18210 | 10.31 | 7.88 | 10.33 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:24 | 72.7666667 Deploying | 2 | 18240 | 10.31 | 7.88 | 10.34 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:24 | 72.7670139 Deploying | 2 | 18270 | 10.32 | 7.88 | 10.36 | 7.95 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:25 | 72.7673611 Deploying | 2 | 18300 | 10.3 | 7.88 | 10.38 | 7.95 | 0 | 0 | 0 | 4 | 5 | 4 | 5 |
| 3/12/2016 18:25 | 72.7673727 Winding down 1876 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:25 | 72.7677083 Deploying | 2 | 18330 | 10.39 | 7.96 | 10.39 | 7.98 | 2303 | 1622 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:26 | 72.7680556 Deploying | 2 | 18360 | 10.39 | 7.96 | 10.41 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:26 | 72.7684028 Deploying | 2 | 18390 | 10.39 | 7.96 | 10.43 | 7.97 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:27 | 72.7687500 Deploying | 2 | 18420 | 10.4 | 7.96 | 10.45 | 7.95 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:27 | 72.7687847 Winding down 1355 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:27 | 72.7690972 Deploying | 2 | 18450 | 10.44 | 8.01 | 10.46 | 7.95 | 2246 | 1632 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:28 | 72.7694444 Deploying | 2 | 18480 | 10.46 | 8.01 | 10.48 | 7.97 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:28 | 72.7697917 Deploying | 2 | 18510 | 10.45 | 8.01 | 10.5 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:29 | 72.7701389 Deploying | 2 | 18540 | 10.45 | 8.01 | 10.51 | 7.97 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 18:29 | 72.7701620 Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:29 | 72.7704861 Deploying | 2 | 18570 | 10.52 | 8.08 | 10.53 | 7.97 | 2279 | 1631 | 0 | 5 | 6 | 6 | 6 |
| 3/12/2016 18:30 | 72.7708333 Deploying | 2 | 18600 | 10.52 | 8.08 | 10.55 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:30 | 72.7711806 | Deploying | 2 | 18630 | 10.54 | 8.08 | 10.56 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:31 | 72.7715278 | Deploying | 2 | 18660 | 10.53 | 8.08 | 10.58 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:31 | 72.7715856 | Winding down 1458 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:31 | 72.7718750 | Deploying | 2 | 18690 | 10.57 | 8.13 | 10.6 | 7.97 | 2302 | 1650 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:32 | 72.7722222 | Deploying | 2 | 18720 | 10.59 | 8.13 | 10.62 | 7.98 | 0 | 0 | 0 | 4 | 4 | 4 | 4 |
| 3/12/2016 18:32 | 72.7725694 | Deploying | 2 | 18750 | 10.6 | 8.13 | 10.63 | 7.97 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 18:33 | 72.7729167 | Deploying | 2 | 18780 | 10.6 | 8.13 | 10.65 | 7.97 | 0 | 0 | 0 | 7 | 6 | 5 | 6 |
| 3/12/2016 18:33 | 72.7729977 | Winding down 1336 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:33 | 72.7732639 | Deploying | 2 | 18810 | 10.65 | 8.18 | 10.67 | 7.95 | 2230 | 1635 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:34 | 72.7736111 | Deploying | 2 | 18840 | 10.65 | 8.18 | 10.68 | 7.95 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:34 | 72.7739583 | Deploying | 2 | 18870 | 10.66 | 8.18 | 10.7 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 18:35 | 72.7743056 | Deploying | 2 | 18900 | 10.65 | 8.18 | 10.72 | 7.97 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:35 | 72.7743403 | Winding down 1805 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:35 | 72.7746528 | Deploying | 2 | 18930 | 10.72 | 8.25 | 10.73 | 7.97 | 2294 | 1630 | 0 | 5 | 5 | 5 | 5 |
| 3/12/2016 18:36 | 72.7750000 | Deploying | 2 | 18960 | 10.73 | 8.25 | 10.75 | 7.98 | 0 | 0 | 0 | 4 | 4 | 4 | 4 |
| 3/12/2016 18:36 | 72.7753472 | Deploying | 2 | 18990 | 10.73 | 8.25 | 10.77 | 7.94 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 3/12/2016 18:37 | 72.7756944 | Deploying | 2 | 19020 | 10.74 | 8.25 | 10.79 | 7.97 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:37 | 72.7759375 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:37 | 72.7760417 | Deploying | 2 | 19050 | 10.76 | 8.31 | 10.8 | 7.97 | 2144 | 1602 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:38 | 72.7763889 | Deploying | 2 | 19080 | 10.81 | 8.31 | 10.82 | 7.97 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:38 | 72.7767361 | Deploying | 2 | 19110 | 10.81 | 8.31 | 10.84 | 7.95 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:39 | 72.7770833 | Deploying | 2 | 19140 | 10.81 | 8.31 | 10.85 | 7.95 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 3/12/2016 18:39 | 72.7773843 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:39 | 72.7774306 | Deploying | 2 | 19170 | 10.82 | 8.38 | 10.87 | 7.95 | 2265 | 1627 | 0 | 5 | 5 | 5 | 5 |
| 3/12/2016 18:40 | 72.7777778 | Deploying | 2 | 19200 | 10.88 | 8.38 | 10.89 | 7.98 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 18:40 | 72.7781250 | Deploying | 2 | 19230 | 10.89 | 8.38 | 10.9 | 7.97 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:41 | 72.7784722 | Deploying | 2 | 19260 | 10.88 | 8.38 | 10.92 | 7.95 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 3/12/2016 18:41 | 72.7788194 | Deploying | 2 | 19290 | 10.88 | 8.38 | 10.94 | 7.98 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 3/12/2016 18:41 | 72.7789815 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:42 | 72.7791667 | Deploying | 2 | 19320 | 10.91 | 8.44 | 10.96 | 7.95 | 2204 | 1618 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:42 | 72.7795139 | Deploying | 2 | 19350 | 10.97 | 8.44 | 10.97 | 7.95 | 0 | 0 | 0 | 4 | 5 | 4 | 5 |
| 3/12/2016 18:43 | 72.7798611 | Deploying | 2 | 19380 | 10.97 | 8.44 | 10.99 | 7.97 | 0 | 0 | 0 | 5 | 4 | 5 | 4 |
| 3/12/2016 18:43 | 72.7802083 | Deploying | 2 | 19410 | 10.96 | 8.44 | 11.01 | 7.97 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:43 | 72.7803935 | Winding down 1389 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:44 | 72.7805556 | Deploying | 2 | 19440 | 10.99 | 8.5 | 11.02 | 7.95 | 2069 | 1609 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:44 | 72.7809028 | Deploying | 2 | 19470 | 11.02 | 8.5 | 11.04 | 7.97 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 3/12/2016 18:45 | 72.7812500 | Deploying | 2 | 19500 | 11.02 | 8.5 | 11.06 | 7.95 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:45 | 72.7815972 | Deploying | 2 | 19530 | 11.03 | 8.5 | 11.07 | 7.94 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 3/12/2016 18:46 | 72.7819444 | Deploying | 2 | 19560 | 11.02 | 8.5 | 11.09 | 7.94 | 0 | 0 | 0 | 4 | 5 | 4 | 5 |
| 3/12/2016 18:46 | 72.7820602 | Winding down 1879 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:46 | 72.7822917 | Deploying | 2 | 19590 | 11.08 | 8.57 | 11.11 | 7.97 | 2309 | 1638 | 0 | 4 | 6 | 5 | 6 |
| 3/12/2016 18:47 | 72.7826389 | Deploying | 2 | 19620 | 11.11 | 8.57 | 11.13 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:47 | 72.7829861 | Deploying | 2 | 19650 | 11.1 | 8.57 | 11.14 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:48 | 72.7833333 | Deploying | 2 | 19680 | 11.11 | 8.57 | 11.16 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:48 | 72.7834722 | Winding down 1507 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:48 | 72.7836806 | Deploying | 2 | 19710 | 11.15 | 8.63 | 11.18 | 7.97 | 2304 | 1638 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:49 | 72.7840278 | Deploying | 2 | 19740 | 11.18 | 8.63 | 11.19 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:49 | 72.7843750 | Deploying | 2 | 19770 | 11.17 | 8.63 | 11.21 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:50 | 72.7847222 | Deploying | 2 | 19800 | 11.18 | 8.63 | 11.23 | 7.97 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 18:50 | 72.7850694 | Deploying | 2 | 19830 | 11.18 | 8.63 | 11.24 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:50 | 72.7850694 | Winding down 1687 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:51 | 72.7854167 | Deploying | 2 | 19860 | 11.25 | 8.69 | 11.26 | 7.98 | 2303 | 1657 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:51 | 72.7857639 | Deploying | 2 | 19890 | 11.24 | 8.69 | 11.28 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:52 | 72.7861111 | Deploying | 2 | 19920 | 11.25 | 8.69 | 11.3 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:52 | 72.7864005 Winding down 1441 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 18:52 | 72.7864583 Deploying | | 2 | 19950 | 11.26 | 8.75 | 11.31 | 7.95 | 2140 | 1615 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:53 | 72.7868056 Deploying | | 2 | 19980 | 11.32 | 8.75 | 11.33 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:53 | 72.7871528 Deploying | | 2 | 20010 | 11.31 | 8.75 | 11.35 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:54 | 72.7875000 Deploying | | 2 | 20040 | 11.32 | 8.75 | 11.36 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:54 | 72.7878472 Deploying | | 2 | 20070 | 11.32 | 8.75 | 11.38 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:54 | 72.7878588 Winding down 1501 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 18:55 | 72.7881944 Deploying | | 2 | 20100 | 11.39 | 8.8 | 11.4 | 7.97 | 2137 | 1616 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:55 | 72.7885417 Deploying | | 2 | 20130 | 11.38 | 8.8 | 11.41 | 7.92 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:56 | 72.7888889 Deploying | | 2 | 20160 | 11.38 | 8.8 | 11.43 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:56 | 72.7891319 Winding down 1735 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 18:56 | 72.7892361 Deploying | | 2 | 20190 | 11.4 | 8.87 | 11.45 | 7.95 | 2145 | 1611 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:57 | 72.7895833 Deploying | | 2 | 20220 | 11.45 | 8.87 | 11.47 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:57 | 72.7899306 Deploying | | 2 | 20250 | 11.46 | 8.87 | 11.48 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:58 | 72.7902778 Deploying | | 2 | 20280 | 11.47 | 8.87 | 11.5 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:58 | 72.7906250 Deploying | | 2 | 20310 | 11.46 | 8.87 | 11.52 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 18:58 | 72.7906944 Winding down 1572 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 18:59 | 72.7909722 Deploying | | 2 | 20340 | 11.52 | 8.93 | 11.53 | 7.95 | 2302 | 1628 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 18:59 | 72.7913194 Deploying | | 2 | 20370 | 11.54 | 8.93 | 11.55 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:00 | 72.7916667 Deploying | | 2 | 20400 | 11.54 | 8.93 | 11.57 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:00 | 72.7920139 Deploying | | 2 | 20430 | 11.54 | 8.93 | 11.58 | 7.98 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:01 | 72.7923611 Deploying | | 2 | 20460 | 11.54 | 8.93 | 11.6 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:01 | 72.7923727 Winding down 1701 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 19:01 | 72.7927083 Deploying | | 2 | 20490 | 11.6 | 9 | 11.62 | 7.95 | 2216 | 1644 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:02 | 72.7930556 Deploying | | 2 | 20520 | 11.61 | 9 | 11.64 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:02 | 72.7934028 Deploying | | 2 | 20550 | 11.61 | 9 | 11.65 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:02 | 72.7937384 Winding down 1498 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7937500 Deploying | | 2 | 20580 | 11.61 | 9.05 | 11.67 | 7.92 | 2106 | 1602 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:03 | 72.7940972 Deploying | | 2 | 20610 | 11.68 | 9.05 | 11.69 | 7.95 | 2106 | 80 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:04 | 72.7944444 Deploying | | 2 | 20640 | 11.68 | 9.05 | 11.7 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:04 | 72.7947917 Deploying | | 2 | 20670 | 11.69 | 9.05 | 11.72 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:05 | 72.7951389 Deploying | | 2 | 20700 | 11.68 | 9.05 | 11.74 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:05 | 72.7952662 Winding down 1568 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7954861 Deploying | | 2 | 20730 | 11.73 | 9.11 | 11.75 | 7.95 | 2082 | 1597 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:06 | 72.7958333 Deploying | | 2 | 20760 | 11.75 | 9.11 | 11.77 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:06 | 72.7961806 Deploying | | 2 | 20790 | 11.74 | 9.11 | 11.79 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:07 | 72.7965278 Deploying | | 2 | 20820 | 11.74 | 9.11 | 11.81 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:07 | 72.7965625 Winding down 1605 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 19:07 | 72.7968750 Deploying | | 2 | 20850 | 11.81 | 9.17 | 11.82 | 7.95 | 2236 | 1633 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:08 | 72.7972222 Deploying | | 2 | 20880 | 11.82 | 9.17 | 11.84 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:08 | 72.7975694 Deploying | | 2 | 20910 | 11.82 | 9.17 | 11.86 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:09 | 72.7979167 Deploying | | 2 | 20940 | 11.82 | 9.17 | 11.87 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:09 | 72.7980556 Winding down 1732 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 19:09 | 72.7982639 Deploying | | 2 | 20970 | 11.86 | 9.24 | 11.89 | 7.94 | 2302 | 1633 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:10 | 72.7986111 Deploying | | 2 | 21000 | 11.89 | 9.24 | 11.91 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:10 | 72.7989583 Deploying | | 2 | 21030 | 11.9 | 9.24 | 11.92 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:11 | 72.7993056 Deploying | | 2 | 21060 | 11.89 | 9.24 | 11.94 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:11 | 72.7996528 Deploying | | 2 | 21090 | 11.9 | 9.24 | 11.96 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:11 | 72.7997569 Winding down 1590 ticks | | 3 | | | | | | | | | | |
| 3/12/2016 19:12 | 72.8000000 Deploying | | 2 | 21120 | 11.95 | 9.3 | 11.98 | 7.94 | 2089 | 1610 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:12 | 72.8003472 Deploying | | 2 | 21150 | 11.97 | 9.3 | 11.99 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:13 | 72.8006944 Deploying | | 2 | 21180 | 11.96 | 9.3 | 12.01 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:13 | 72.8010417 Deploying | | 2 | 21210 | 11.97 | 9.3 | 12.03 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:13 | 72.8011343 Winding down 1700 ticks | | 3 | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:14 | 72.8013889 Deploying | | 2 | 21240 | 12.02 | 9.37 | 12.04 | 7.97 | 2290 | 1625 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:14 | 72.8017361 Deploying | | 2 | 21270 | 12.04 | 9.37 | 12.06 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:15 | 72.8020833 Deploying | | 2 | 21300 | 12.04 | 9.37 | 12.08 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:15 | 72.8024306 Deploying | | 2 | 21330 | 12.04 | 9.37 | 12.09 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:15 | 72.8026157 Winding down 1439 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:16 | 72.8027778 Deploying | | 2 | 21360 | 12.08 | 9.42 | 12.11 | 7.94 | 2299 | 1627 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:16 | 72.8031250 Deploying | | 2 | 21390 | 12.11 | 9.42 | 12.13 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:17 | 72.8034722 Deploying | | 2 | 21420 | 12.12 | 9.42 | 12.15 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:17 | 72.8038194 Deploying | | 2 | 21450 | 12.1 | 9.42 | 12.16 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:17 | 72.8040741 Winding down 1924 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:18 | 72.8041667 Deploying | | 2 | 21480 | 12.12 | 9.5 | 12.18 | 7.95 | 2153 | 1630 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:18 | 72.8045139 Deploying | | 2 | 21510 | 12.19 | 9.5 | 12.2 | 7.97 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 19:19 | 72.8048611 Deploying | | 2 | 21540 | 12.2 | 9.5 | 12.21 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:19 | 72.8052083 Deploying | | 2 | 21570 | 12.19 | 9.5 | 12.23 | 7.95 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 3/12/2016 19:20 | 72.8055556 Deploying | | 2 | 21600 | 12.19 | 9.5 | 12.25 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:20 | 72.8057639 Winding down 1492 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:20 | 72.8059028 Deploying | | 2 | 21630 | 12.22 | 9.55 | 12.26 | 7.95 | 2271 | 1633 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:21 | 72.8062500 Deploying | | 2 | 21660 | 12.26 | 9.55 | 12.28 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:21 | 72.8065972 Deploying | | 2 | 21690 | 12.25 | 9.55 | 12.3 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:22 | 72.8069444 Deploying | | 2 | 21720 | 12.26 | 9.55 | 12.32 | 7.97 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 19:22 | 72.8069676 Winding down 1515 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:22 | 72.8072917 Deploying | | 2 | 21750 | 12.33 | 9.61 | 12.33 | 7.94 | 2300 | 1629 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:23 | 72.8076389 Deploying | | 2 | 21780 | 12.33 | 9.61 | 12.35 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:23 | 72.8079861 Deploying | | 2 | 21810 | 12.33 | 9.61 | 12.37 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:24 | 72.8083333 Deploying | | 2 | 21840 | 12.34 | 9.61 | 12.38 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:24 | 72.8086806 Deploying | | 2 | 21870 | 12.34 | 9.61 | 12.4 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:24 | 72.8088079 Winding down 1793 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:25 | 72.8090278 Deploying | | 2 | 21900 | 12.38 | 9.68 | 12.42 | 7.95 | 2067 | 1611 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:25 | 72.8093750 Deploying | | 2 | 21930 | 12.41 | 9.68 | 12.43 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:26 | 72.8097222 Deploying | | 2 | 21960 | 12.4 | 9.68 | 12.45 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:26 | 72.8099190 Winding down 1403 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:26 | 72.8100694 Deploying | | 2 | 21990 | 12.44 | 9.74 | 12.47 | 7.97 | 2249 | 1629 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:27 | 72.8104167 Deploying | | 2 | 22020 | 12.48 | 9.74 | 12.49 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:27 | 72.8107639 Deploying | | 2 | 22050 | 12.47 | 9.74 | 12.5 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:28 | 72.8111111 Deploying | | 2 | 22080 | 12.47 | 9.74 | 12.52 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:28 | 72.8114583 Deploying | | 2 | 22110 | 12.48 | 9.74 | 12.54 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:28 | 72.8115394 Winding down 1636 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:29 | 72.8118056 Deploying | | 2 | 22140 | 12.52 | 9.8 | 12.55 | 7.95 | 2283 | 1653 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:29 | 72.8121528 Deploying | | 2 | 22170 | 12.55 | 9.8 | 12.57 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:30 | 72.8125000 Deploying | | 2 | 22200 | 12.54 | 9.8 | 12.59 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:30 | 72.8128472 Deploying | | 2 | 22230 | 12.54 | 9.8 | 12.6 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:30 | 72.8129282 Winding down 1661 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:31 | 72.8131944 Deploying | | 2 | 22260 | 12.6 | 9.86 | 12.62 | 7.97 | 2288 | 1643 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:31 | 72.8135417 Deploying | | 2 | 22290 | 12.62 | 9.86 | 12.64 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:32 | 72.8138889 Deploying | | 2 | 22320 | 12.62 | 9.86 | 12.66 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:32 | 72.8142361 Deploying | | 2 | 22350 | 12.63 | 9.86 | 12.67 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:33 | 72.8145833 Deploying | | 2 | 22380 | 12.62 | 9.86 | 12.69 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:33 | 72.8145833 Winding down 1662 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:33 | 72.8149306 Deploying | | 2 | 22410 | 12.7 | 9.93 | 12.71 | 7.95 | 2123 | 1612 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:34 | 72.8152778 Deploying | | 2 | 22440 | 12.7 | 9.93 | 12.72 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:34 | 72.8156250 Deploying | | 2 | 22470 | 12.7 | 9.93 | 12.74 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:35 | 72.8159722 Deploying | | 2 | 22500 | 12.69 | 9.93 | 12.76 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:35 | 72.8160532 Winding down 1736 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:35 | 72.8163194 Deploying | | 2 | 22530 | 12.76 | 9.99 | 12.77 | 7.94 | 2307 | 1661 | 0 | 6 | 7 | 6 | 7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:36 | 72.8166667 Deploying | 2 | 22560 | 12.78 | 9.99 | 12.79 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:36 | 72.8170139 Deploying | 2 | 22590 | 12.77 | 9.99 | 12.81 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:37 | 72.8173611 Deploying | 2 | 22620 | 12.78 | 9.99 | 12.83 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:37 | 72.8176505 Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:37 | 72.8177083 Deploying | 2 | 22650 | 12.79 | 10.05 | 12.84 | 7.92 | 2267 | 1653 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:38 | 72.8180556 Deploying | 2 | 22680 | 12.83 | 10.05 | 12.86 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:38 | 72.8184028 Deploying | 2 | 22710 | 12.84 | 10.05 | 12.88 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:39 | 72.8187500 Deploying | 2 | 22740 | 12.84 | 10.05 | 12.89 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:39 | 72.8189583 Winding down 1442 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:39 | 72.8190972 Deploying | 2 | 22770 | 12.87 | 10.11 | 12.91 | 7.95 | 2179 | 1634 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:40 | 72.8194444 Deploying | 2 | 22800 | 12.91 | 10.11 | 12.93 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:40 | 72.8197917 Deploying | 2 | 22830 | 12.91 | 10.11 | 12.94 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:41 | 72.8201389 Deploying | 2 | 22860 | 12.91 | 10.11 | 12.96 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:41 | 72.8204167 Winding down 1627 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:41 | 72.8204861 Deploying | 2 | 22890 | 12.93 | 10.17 | 12.98 | 7.95 | 2178 | 1631 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:42 | 72.8208333 Deploying | 2 | 22920 | 12.99 | 10.17 | 13 | 7.92 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:42 | 72.8211806 Deploying | 2 | 22950 | 12.98 | 10.17 | 13.01 | 7.94 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 19:43 | 72.8215278 Deploying | 2 | 22980 | 12.98 | 10.17 | 13.03 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:43 | 72.8217824 Winding down 1374 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:43 | 72.8218750 Deploying | 2 | 23010 | 13.01 | 10.23 | 13.05 | 7.95 | 2167 | 1632 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:44 | 72.8222222 Deploying | 2 | 23040 | 13.05 | 10.23 | 13.06 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:44 | 72.8225694 Deploying | 2 | 23070 | 13.05 | 10.23 | 13.08 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:45 | 72.8229167 Deploying | 2 | 23100 | 13.04 | 10.23 | 13.1 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:45 | 72.8231944 Winding down 1977 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:45 | 72.8232639 Deploying | 2 | 23130 | 13.05 | 10.3 | 13.11 | 7.94 | 2130 | 1615 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:46 | 72.8236111 Deploying | 2 | 23160 | 13.13 | 10.3 | 13.13 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:46 | 72.8239583 Deploying | 2 | 23190 | 13.13 | 10.3 | 13.15 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:47 | 72.8243056 Deploying | 2 | 23220 | 13.13 | 10.3 | 13.17 | 7.94 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 19:47 | 72.8246528 Deploying | 2 | 23250 | 13.13 | 10.3 | 13.18 | 7.9 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:47 | 72.8249074 Winding down 1524 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:48 | 72.8250000 Deploying | 2 | 23280 | 13.15 | 10.36 | 13.2 | 7.95 | 2142 | 1619 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 19:48 | 72.8253472 Deploying | 2 | 23310 | 13.2 | 10.36 | 13.22 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:49 | 72.8256944 Deploying | 2 | 23340 | 13.2 | 10.36 | 13.23 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:49 | 72.8260417 Deploying | 2 | 23370 | 13.2 | 10.36 | 13.25 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:49 | 72.8262153 Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:50 | 72.8263889 Deploying | 2 | 23400 | 13.23 | 10.42 | 13.27 | 7.92 | 2239 | 1647 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:50 | 72.8267361 Deploying | 2 | 23430 | 13.26 | 10.42 | 13.28 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:51 | 72.8270833 Deploying | 2 | 23460 | 13.27 | 10.42 | 13.3 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:51 | 72.8274306 Deploying | 2 | 23490 | 13.27 | 10.42 | 13.32 | 7.92 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:51 | 72.8276042 Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:52 | 72.8277778 Deploying | 2 | 23520 | 13.3 | 10.47 | 13.34 | 7.94 | 2061 | 1615 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:52 | 72.8281250 Deploying | 2 | 23550 | 13.33 | 10.47 | 13.35 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:53 | 72.8284722 Deploying | 2 | 23580 | 13.34 | 10.47 | 13.37 | 7.97 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:53 | 72.8288194 Deploying | 2 | 23610 | 13.33 | 10.47 | 13.39 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:53 | 72.8289468 Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:54 | 72.8291667 Deploying | 2 | 23640 | 13.37 | 10.54 | 13.4 | 7.95 | 2313 | 1648 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:54 | 72.8295139 Deploying | 2 | 23670 | 13.41 | 10.54 | 13.42 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:55 | 72.8298611 Deploying | 2 | 23700 | 13.41 | 10.54 | 13.44 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:55 | 72.8302083 Deploying | 2 | 23730 | 13.41 | 10.54 | 13.45 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:56 | 72.8305556 Deploying | 2 | 23760 | 13.41 | 10.54 | 13.47 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:56 | 72.8305787 Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:56 | 72.8309028 Deploying | 2 | 23790 | 13.48 | 10.59 | 13.49 | 7.95 | 2137 | 1605 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:57 | 72.8312500 Deploying | 2 | 23820 | 13.48 | 10.59 | 13.51 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:57 | 72.8315972 Deploying | 2 | 23850 | 13.48 | 10.59 | 13.52 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:58 | 72.8319444 Deploying | 2 | 23880 | 13.48 | 10.59 | 13.54 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 19:58 | 72.8319792 Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:58 | 72.8322917 Deploying | 2 | 23910 | 13.54 | 10.66 | 13.56 | 7.94 | 2289 | 1627 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:59 | 72.8326389 Deploying | 2 | 23940 | 13.55 | 10.66 | 13.57 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 19:59 | 72.8329861 Deploying | 2 | 23970 | 13.55 | 10.66 | 13.59 | 7.95 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 20:00 | 72.8333333 Deploying | 2 | 24000 | 13.55 | 10.66 | 13.61 | 7.97 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 3/12/2016 20:00 | 72.8333912 Winding down 1533 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:00 | 72.8336806 Deploying | 2 | 24030 | 13.6 | 10.72 | 13.62 | 7.92 | 2292 | 1629 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 20:01 | 72.8340278 Deploying | 2 | 24060 | 13.62 | 10.72 | 13.64 | 7.92 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 20:01 | 72.8343750 Deploying | 2 | 24090 | 13.62 | 10.72 | 13.66 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 20:02 | 72.8347222 Deploying | 2 | 24120 | 13.62 | 10.72 | 13.68 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 20:02 | 72.8347569 Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:02 | 72.8350694 Deploying | 2 | 24150 | 13.67 | 10.78 | 13.69 | 7.94 | 2237 | 1612 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:03 | 72.8354167 Deploying | 2 | 24180 | 13.68 | 10.78 | 13.71 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 20:03 | 72.8357639 Deploying | 2 | 24210 | 13.68 | 10.78 | 13.73 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:04 | 72.8361111 Deploying | 2 | 24240 | 13.68 | 10.78 | 13.74 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:04 | 72.8361343 Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:04 | 72.8364583 Deploying | 2 | 24270 | 13.75 | 10.84 | 13.76 | 7.94 | 2106 | 1606 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:05 | 72.8368056 Deploying | 2 | 24300 | 13.76 | 10.84 | 13.78 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:05 | 72.8371528 Deploying | 2 | 24330 | 13.76 | 10.84 | 13.79 | 7.94 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 20:06 | 72.8375000 Deploying | 2 | 24360 | 13.76 | 10.84 | 13.81 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 20:06 | 72.8376157 Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:06 | 72.8378472 Deploying | 2 | 24390 | 13.8 | 10.9 | 13.83 | 7.95 | 2270 | 1628 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 20:07 | 72.8381944 Deploying | 2 | 24420 | 13.82 | 10.9 | 13.85 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:07 | 72.8385417 Deploying | 2 | 24450 | 13.82 | 10.9 | 13.86 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:08 | 72.8388889 Deploying | 2 | 24480 | 13.82 | 10.9 | 13.88 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:08 | 72.8389468 Winding down 1483 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:08 | 72.8392361 Deploying | 2 | 24510 | 13.87 | 10.96 | 13.9 | 7.94 | 2228 | 1638 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:09 | 72.8395833 Deploying | 2 | 24540 | 13.88 | 10.96 | 13.91 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:09 | 72.8399306 Deploying | 2 | 24570 | 13.89 | 10.96 | 13.93 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:10 | 72.8402778 Deploying | 2 | 24600 | 13.88 | 10.96 | 13.95 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:10 | 72.8403819 Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:10 | 72.8406250 Deploying | 2 | 24630 | 13.95 | 11.02 | 13.96 | 7.94 | 2092 | 1620 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:11 | 72.8409722 Deploying | 2 | 24660 | 13.96 | 11.02 | 13.98 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:11 | 72.8413194 Deploying | 2 | 24690 | 13.96 | 11.02 | 14 | 7.98 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:12 | 72.8416667 Deploying | 2 | 24720 | 13.97 | 11.02 | 14.02 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:12 | 72.8419213 Winding down 1649 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:12 | 72.8420139 Deploying | 2 | 24750 | 13.98 | 11.09 | 14.03 | 7.95 | 2181 | 1644 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 20:13 | 72.8423611 Deploying | 2 | 24780 | 14.03 | 11.09 | 14.05 | 7.98 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 3/12/2016 20:13 | 72.8427083 Deploying | 2 | 24810 | 14.03 | 11.09 | 14.07 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:14 | 72.8430556 Deploying | 2 | 24840 | 14.04 | 11.09 | 14.08 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:14 | 72.8434028 Deploying | 2 | 24870 | 14.03 | 11.09 | 14.1 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:14 | 72.8434028 Winding down 1837 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:15 | 72.8437500 Deploying | 2 | 24900 | 14.11 | 11.16 | 14.12 | 7.94 | 2142 | 1603 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:15 | 72.8440972 Deploying | 2 | 24930 | 14.12 | 11.16 | 14.13 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:16 | 72.8444444 Deploying | 2 | 24960 | 14.12 | 11.16 | 14.15 | 7.92 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:16 | 72.8447917 Deploying | 2 | 24990 | 14.12 | 11.16 | 14.17 | 7.95 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 3/12/2016 20:16 | 72.8450116 Winding down 1481 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:17 | 72.8451389 Deploying | 2 | 25020 | 14.14 | 11.22 | 14.19 | 7.94 | 2275 | 1651 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:17 | 72.8454861 Deploying | 2 | 25050 | 14.18 | 11.22 | 14.2 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:18 | 72.8458333 Deploying | 2 | 25080 | 14.18 | 11.22 | 14.22 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:18 | 72.8461806 Deploying | 2 | 25110 | 14.18 | 11.22 | 14.24 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:18 | 72.8463426 Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:19 | 72.8465278 Deploying | 2 | 25140 | 14.22 | 11.28 | 14.25 | 7.98 | 2296 | 1642 | 0 | 7 | 7 | 7 | 7 |

| Date | Value | Event | State | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:19 | 72.8468750 | Deploying | 2 | 25170 | 14.25 | 11.28 | 14.27 | 7.95 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 3/12/2016 20:20 | 72.8472222 | Deploying | 2 | 25200 | 14.25 | 11.28 | 14.29 | 7.92 | 0 | 0 | 2 | 7 | 31 | 14 | 31 |
| 3/12/2016 20:20 | 72.8475694 | Deploying | 2 | 25230 | 14.26 | 11.28 | 14.3 | 7.92 | 0 | 0 | 6 | 17 | 22 | 17 | 22 |
| 3/12/2016 20:20 | 72.8475926 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/12/2016 20:20 | 72.8475926 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/12/2016 20:20 | 72.8476157 | Winding up 1275 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:20 | 72.8476389 | Winding up 2425 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:20 | 72.8476736 | Winding up 4050 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:20 | 72.8477315 | Winding up 6475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:20 | 72.8478125 | Winding up 8875 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:21 | 72.8479167 | Rewinding | 5 | 25232 | 13.98 | 10.38 | 13.58 | 7.54 | 1147 | 868 | | | | | |
| 3/12/2016 20:21 | 72.8479167 | Winding up 10599 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:21 | 72.8480440 | Winding up 10550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:21 | 72.8481713 | Winding up 10075 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:21 | 72.8482639 | Rewinding | 5 | 25232 | 13.19 | 9.18 | 12.83 | 7.49 | 1146 | 879 | | | | | |
| 3/12/2016 20:21 | 72.8482986 | Winding up 9350 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:21 | 72.8484144 | Winding up 9075 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:21 | 72.8485301 | Winding up 8850 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8486111 | Rewinding | 5 | 25232 | 12.41 | 8.25 | 12.08 | 7.33 | 1144 | 431 | | | | | |
| 3/12/2016 20:22 | 72.8486111 | Winding up 8750 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8487037 | Winding up 8875 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8487616 | Winding up 9000 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8487847 | Winding up 9025 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8487963 | Winding up 9100 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8488079 | Winding up 9200 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8488194 | Winding up 9275 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8488426 | Winding up 9500 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8489120 | Winding up 10025 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8489352 | Overcurrent (motor jam) condition detected | 5 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8489352 | State 5 (FINISHED) | 5 | | | | | | | | | | | | |

DPS7-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 14:40 | 72.6111111 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 14:40 | 72.6114583 | Deploying | 2 | 30 | 0.89 | 0 | 0.02 | 8.11 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 14:41 | 72.6118056 | Deploying | 2 | 60 | 0.89 | 0 | 0.04 | 8.17 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 14:41 | 72.6121528 | Deploying | 2 | 90 | 0.9 | 0 | 0.06 | 8.14 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 14:42 | 72.6125000 | Deploying | 2 | 120 | 0.9 | 0 | 0.08 | 8.11 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 14:42 | 72.6128472 | Deploying | 2 | 150 | 0.9 | 0 | 0.09 | 8.14 | 0 | 0 | 0 | -13 | -15 | -13 | -15 |
| 3/12/2016 14:43 | 72.6131944 | Deploying | 2 | 180 | 0.9 | 0 | 0.11 | 8.13 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 14:43 | 72.6135417 | Deploying | 2 | 210 | 0.91 | 0 | 0.13 | 8.11 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 14:44 | 72.6138889 | Deploying | 2 | 240 | 0.9 | 0 | 0.14 | 8.14 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 14:44 | 72.6142361 | Deploying | 2 | 270 | 0.9 | 0 | 0.16 | 8.1 | 0 | 0 | 0 | -14 | -14 | -14 | -14 |
| 3/12/2016 14:45 | 72.6145833 | Deploying | 2 | 300 | 0.91 | 0 | 0.18 | 8.11 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 14:45 | 72.6149306 | Deploying | 2 | 330 | 0.91 | 0 | 0.19 | 8.14 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 14:46 | 72.6152778 | Deploying | 2 | 360 | 0.91 | 0 | 0.21 | 8.14 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 14:46 | 72.6156250 | Deploying | 2 | 390 | 0.92 | 0 | 0.23 | 8.14 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 14:47 | 72.6159722 | Deploying | 2 | 420 | 0.92 | 0 | 0.25 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:47 | 72.6163194 | Deploying | 2 | 450 | 0.91 | 0 | 0.26 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:48 | 72.6166667 | Deploying | 2 | 480 | 0.91 | 0 | 0.28 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:48 | 72.6170139 | Deploying | 2 | 510 | 0.91 | 0 | 0.3 | 8.14 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:49 | 72.6173611 | Deploying | 2 | 540 | 0.91 | 0 | 0.31 | 8.13 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:49 | 72.6177083 | Deploying | 2 | 570 | 0.92 | 0 | 0.33 | 8.1 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:50 | 72.6180556 | Deploying | 2 | 600 | 0.91 | 0 | 0.35 | 8.14 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:50 | 72.6184028 | Deploying | 2 | 630 | 0.91 | 0 | 0.36 | 8.13 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 14:51 | 72.6187500 | Deploying | 2 | 660 | 0.92 | 0 | 0.38 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:51 | 72.6190972 | Deploying | 2 | 690 | 0.92 | 0 | 0.4 | 8.1 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:52 | 72.6194444 | Deploying | 2 | 720 | 0.92 | 0 | 0.42 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:52 | 72.6197917 | Deploying | 2 | 750 | 0.92 | 0 | 0.43 | 8.11 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 14:53 | 72.6201389 | Deploying | 2 | 780 | 0.91 | 0 | 0.45 | 8.13 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 14:53 | 72.6204861 | Deploying | 2 | 810 | 0.92 | 0 | 0.47 | 8.13 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 14:54 | 72.6208333 | Deploying | 2 | 840 | 0.91 | 0 | 0.48 | 8.13 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 14:54 | 72.6211806 | Deploying | 2 | 870 | 0.91 | 0 | 0.5 | 8.13 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:55 | 72.6215278 | Deploying | 2 | 900 | 0.91 | 0 | 0.52 | 8.1 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 14:55 | 72.6218750 | Deploying | 2 | 930 | 0.92 | 0 | 0.53 | 8.1 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 14:56 | 72.6222222 | Deploying | 2 | 960 | 0.91 | 0 | 0.55 | 8.1 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 14:56 | 72.6225694 | Deploying | 2 | 990 | 0.93 | 0 | 0.57 | 8.11 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 14:57 | 72.6229167 | Deploying | 2 | 1020 | 0.92 | 0 | 0.59 | 8.16 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 14:57 | 72.6232639 | Deploying | 2 | 1050 | 0.92 | 0 | 0.6 | 8.13 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:58 | 72.6236111 | Deploying | 2 | 1080 | 0.92 | 0 | 0.62 | 8.1 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:58 | 72.6239583 | Deploying | 2 | 1110 | 0.91 | 0 | 0.64 | 8.13 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 14:59 | 72.6243056 | Deploying | 2 | 1140 | 0.92 | 0 | 0.65 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 14:59 | 72.6246528 | Deploying | 2 | 1170 | 0.92 | 0 | 0.67 | 8.13 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:00 | 72.6250000 | Deploying | 2 | 1200 | 0.91 | 0 | 0.69 | 8.1 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:00 | 72.6253472 | Deploying | 2 | 1230 | 0.91 | 0 | 0.7 | 8.11 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 15:01 | 72.6256944 | Deploying | 2 | 1260 | 0.92 | 0 | 0.72 | 8.13 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:01 | 72.6260417 | Deploying | 2 | 1290 | 0.92 | 0 | 0.74 | 8.13 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:02 | 72.6263889 | Deploying | 2 | 1320 | 0.92 | 0 | 0.76 | 8.13 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:02 | 72.6267361 | Deploying | 2 | 1350 | 0.92 | 0 | 0.77 | 8.1 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 15:03 | 72.6270833 | Deploying | 2 | 1380 | 0.92 | 0 | 0.79 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:03 | 72.6274306 | Deploying | 2 | 1410 | 0.92 | 0 | 0.81 | 8.11 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:04 | 72.6277778 | Deploying | 2 | 1440 | 0.92 | 0 | 0.82 | 8.08 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 15:04 | 72.6281250 | Deploying | 2 | 1470 | 0.92 | 0 | 0.84 | 8.1 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:05 | 72.6284722 | Deploying | 2 | 1500 | 0.92 | 0 | 0.86 | 8.1 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:05 | 72.6288194 | Deploying | 2 | 1530 | 0.92 | 0 | 0.87 | 8.1 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:06 | 72.6291667 | Deploying | 2 | 1560 | 0.92 | 0 | 0.89 | 8.11 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 15:06 | 72.6295139 | Deploying | 2 | 1590 | 0.91 | 0 | 0.91 | 8.1 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:07 | 72.6298611 | Deploying | 2 | 1620 | 0.91 | 0 | 0.93 | 8.13 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:07 | 72.6302083 | Deploying | 2 | 1650 | 0.93 | 0 | 0.94 | 8.1 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:08 | 72.6305556 | Deploying | 2 | 1680 | 0.92 | 0 | 0.96 | 8.1 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:08 | 72.6309028 | Deploying | 2 | 1710 | 0.92 | 0 | 0.98 | 8.1 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:08 | 72.6311458 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:09 | 72.6312500 | Deploying | 2 | 1740 | 0.94 | 0.06 | 0.99 | 8.08 | 1022 | 811 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 15:09 | 72.6315972 | Deploying | 2 | 1770 | 0.97 | 0.06 | 1.01 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:10 | 72.6319444 | Deploying | 2 | 1800 | 0.97 | 0.06 | 1.03 | 8.1 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:10 | 72.6321528 | Winding down 1717 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:10 | 72.6322917 | Deploying | 2 | 1830 | 1 | 0.13 | 1.04 | 8.08 | 1109 | 876 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:11 | 72.6326389 | Deploying | 2 | 1860 | 1.04 | 0.13 | 1.06 | 8.08 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:11 | 72.6329861 | Deploying | 2 | 1890 | 1.05 | 0.13 | 1.08 | 8.1 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:12 | 72.6333333 | Deploying | 2 | 1920 | 1.04 | 0.13 | 1.1 | 8.1 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:12 | 72.6334954 | Winding down 1385 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:12 | 72.6336806 | Deploying | 2 | 1950 | 1.07 | 0.18 | 1.11 | 8.1 | 1118 | 849 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 15:13 | 72.6340278 | Deploying | 2 | 1980 | 1.09 | 0.18 | 1.13 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:13 | 72.6343750 | Deploying | 2 | 2010 | 1.09 | 0.18 | 1.15 | 8.06 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:13 | 72.6344676 | Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:14 | 72.6347222 | Deploying | 2 | 2040 | 1.13 | 0.23 | 1.16 | 8.08 | 1131 | 891 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:14 | 72.6350694 | Deploying | 2 | 2070 | 1.14 | 0.23 | 1.18 | 8.1 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:15 | 72.6354167 | Deploying | 2 | 2100 | 1.15 | 0.23 | 1.2 | 8.08 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:15 | 72.6355440 | Winding down 1593 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:15 | 72.6357639 | Deploying | 2 | 2130 | 1.19 | 0.29 | 1.21 | 8.11 | 1080 | 857 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:16 | 72.6361111 | Deploying | 2 | 2160 | 1.2 | 0.29 | 1.23 | 8.08 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 15:16 | 72.6364583 | Deploying | 2 | 2190 | 1.21 | 0.29 | 1.25 | 8.06 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:17 | 72.6368056 | Deploying | 2 | 2220 | 1.21 | 0.29 | 1.27 | 8.08 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:17 | 72.6370023 | Winding down 1803 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:17 | 72.6371528 | Deploying | 2 | 2250 | 1.23 | 0.36 | 1.28 | 8.08 | 1088 | 856 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:18 | 72.6375000 | Deploying | 2 | 2280 | 1.27 | 0.36 | 1.3 | 8.11 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:18 | 72.6378472 | Deploying | 2 | 2310 | 1.27 | 0.36 | 1.32 | 8.1 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:18 | 72.6381481 | Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:19 | 72.6381944 | Deploying | 2 | 2340 | 1.28 | 0.42 | 1.33 | 8.08 | 1079 | 840 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:19 | 72.6385417 | Deploying | 2 | 2370 | 1.33 | 0.42 | 1.35 | 8.08 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:20 | 72.6388889 | Deploying | 2 | 2400 | 1.34 | 0.42 | 1.37 | 8.06 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:20 | 72.6392361 | Deploying | 2 | 2430 | 1.33 | 0.42 | 1.38 | 8.06 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:20 | 72.6394329 | Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:21 | 72.6395833 | Deploying | 2 | 2460 | 1.36 | 0.48 | 1.4 | 8.11 | 1085 | 870 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 15:21 | 72.6399306 | Deploying | 2 | 2490 | 1.39 | 0.48 | 1.42 | 8.1 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 15:22 | 72.6402778 | Deploying | 2 | 2520 | 1.4 | 0.48 | 1.44 | 8.1 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 15:22 | 72.6406250 | Deploying | 2 | 2550 | 1.4 | 0.48 | 1.45 | 8.08 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:22 | 72.6407870 | Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:23 | 72.6409722 | Deploying | 2 | 2580 | 1.42 | 0.54 | 1.47 | 8.08 | 1094 | 859 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 15:23 | 72.6413194 | Deploying | 2 | 2610 | 1.45 | 0.54 | 1.49 | 8.1 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 15:24 | 72.6416667 | Deploying | 2 | 2640 | 1.44 | 0.54 | 1.5 | 8.1 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:24 | 72.6417130 | Winding down 1494 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:24 | 72.6420139 | Deploying | 2 | 2670 | 1.49 | 0.59 | 1.52 | 8.1 | 1135 | 893 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:25 | 72.6423611 | Deploying | 2 | 2700 | 1.5 | 0.59 | 1.54 | 8.08 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:25 | 72.6427083 | Deploying | 2 | 2730 | 1.5 | 0.59 | 1.55 | 8.08 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:25 | 72.6428241 | Winding down 1429 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:26 | 72.6430556 | Deploying | 2 | 2760 | 1.54 | 0.65 | 1.57 | 8.11 | 1061 | 847 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:26 | 72.6434028 | Deploying | 2 | 2790 | 1.56 | 0.65 | 1.59 | 8.08 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 15:27 | 72.6437500 | Deploying | 2 | 2820 | 1.56 | 0.65 | 1.61 | 8.11 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:27 | 72.6440972 | Deploying | 2 | 2850 | 1.56 | 0.65 | 1.62 | 8.08 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |

| Date | Value | Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/12/2016 15:27 | 72.6442014 | Winding down 1790 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:28 | 72.6444444 | Deploying | 2 | 2880 | 1.6 | 0.72 | 1.64 | 8.06 | 1067 | 870 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 15:28 | 72.6447917 | Deploying | 2 | 2910 | 1.63 | 0.72 | 1.66 | 8.1 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:29 | 72.6451389 | Deploying | 2 | 2940 | 1.62 | 0.72 | 1.67 | 8.06 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 15:29 | 72.6452315 | Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:29 | 72.6454861 | Deploying | 2 | 2970 | 1.67 | 0.77 | 1.69 | 8.08 | 1118 | 878 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 15:30 | 72.6458333 | Deploying | 2 | 3000 | 1.68 | 0.77 | 1.71 | 8.1 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:30 | 72.6461806 | Deploying | 2 | 3030 | 1.69 | 0.77 | 1.72 | 8.06 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:31 | 72.6465278 | Deploying | 2 | 3060 | 1.69 | 0.77 | 1.74 | 8.1 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:31 | 72.6466898 | Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:31 | 72.6468750 | Deploying | 2 | 3090 | 1.72 | 0.84 | 1.76 | 8.11 | 1100 | 893 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 15:32 | 72.6472222 | Deploying | 2 | 3120 | 1.75 | 0.84 | 1.78 | 8.05 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 15:32 | 72.6475694 | Deploying | 2 | 3150 | 1.74 | 0.84 | 1.79 | 8.06 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 15:32 | 72.6477431 | Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:33 | 72.6479167 | Deploying | 2 | 3180 | 1.77 | 0.9 | 1.81 | 8.08 | 1084 | 885 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:33 | 72.6482639 | Deploying | 2 | 3210 | 1.81 | 0.9 | 1.83 | 8.1 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 15:34 | 72.6486111 | Deploying | 2 | 3240 | 1.8 | 0.9 | 1.84 | 8.11 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 15:34 | 72.6489583 | Deploying | 2 | 3270 | 1.8 | 0.9 | 1.86 | 8.06 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 15:34 | 72.6489699 | Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:35 | 72.6493056 | Deploying | 2 | 3300 | 1.87 | 0.96 | 1.88 | 8.06 | 1135 | 910 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 15:35 | 72.6496528 | Deploying | 2 | 3330 | 1.88 | 0.96 | 1.89 | 8.08 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 15:36 | 72.6500000 | Deploying | 2 | 3360 | 1.88 | 0.96 | 1.91 | 8.06 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 15:36 | 72.6503472 | Deploying | 2 | 3390 | 1.88 | 0.96 | 1.93 | 8.08 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 15:36 | 72.6504861 | Winding down 1507 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:37 | 72.6506944 | Deploying | 2 | 3420 | 1.9 | 1.01 | 1.95 | 8.08 | 1130 | 892 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 15:37 | 72.6510417 | Deploying | 2 | 3450 | 1.92 | 1.01 | 1.96 | 8.08 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 15:38 | 72.6513889 | Deploying | 2 | 3480 | 1.92 | 1.01 | 1.98 | 8.05 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 15:38 | 72.6514699 | Winding down 1486 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:38 | 72.6517361 | Deploying | 2 | 3510 | 1.97 | 1.07 | 2 | 8.08 | 1087 | 880 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:39 | 72.6520833 | Deploying | 2 | 3540 | 2 | 1.07 | 2.01 | 8.08 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 15:39 | 72.6524306 | Deploying | 2 | 3570 | 1.99 | 1.07 | 2.03 | 8.06 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:40 | 72.6527778 | Deploying | 2 | 3600 | 1.99 | 1.07 | 2.05 | 8.08 | 0 | 0 | 0 | -10 | -14 | -12 | -14 |
| 3/12/2016 15:40 | 72.6528588 | Winding down 1561 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:40 | 72.6531250 | Deploying | 2 | 3630 | 2.04 | 1.13 | 2.06 | 8.05 | 1009 | 863 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 15:41 | 72.6534722 | Deploying | 2 | 3660 | 2.06 | 1.13 | 2.08 | 8.08 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:41 | 72.6538194 | Deploying | 2 | 3690 | 2.05 | 1.13 | 2.1 | 8.08 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 15:42 | 72.6541667 | Deploying | 2 | 3720 | 2.07 | 1.13 | 2.12 | 8.06 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 15:42 | 72.6543171 | Winding down 1546 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:42 | 72.6545139 | Deploying | 2 | 3750 | 2.09 | 1.19 | 2.13 | 8.06 | 1097 | 866 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 15:43 | 72.6548611 | Deploying | 2 | 3780 | 2.12 | 1.19 | 2.15 | 8.08 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 15:43 | 72.6552083 | Deploying | 2 | 3810 | 2.11 | 1.19 | 2.17 | 8.08 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 15:43 | 72.6553356 | Winding down 1568 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:44 | 72.6555556 | Deploying | 2 | 3840 | 2.16 | 1.25 | 2.18 | 8.06 | 1135 | 884 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 15:44 | 72.6559028 | Deploying | 2 | 3870 | 2.18 | 1.25 | 2.2 | 8.1 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 15:45 | 72.6562500 | Deploying | 2 | 3900 | 2.18 | 1.25 | 2.22 | 8.06 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:45 | 72.6565972 | Deploying | 2 | 3930 | 2.17 | 1.25 | 2.23 | 8.05 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:45 | 72.6566319 | Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:46 | 72.6569444 | Deploying | 2 | 3960 | 2.23 | 1.3 | 2.25 | 8.06 | 1124 | 889 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 15:46 | 72.6572917 | Deploying | 2 | 3990 | 2.24 | 1.3 | 2.27 | 8.08 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:47 | 72.6576389 | Deploying | 2 | 4020 | 2.25 | 1.3 | 2.29 | 8.08 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:47 | 72.6579861 | Deploying | 2 | 4050 | 2.25 | 1.3 | 2.3 | 8.06 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 15:47 | 72.6581019 | Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:48 | 72.6583333 | Deploying | 2 | 4080 | 2.28 | 1.36 | 2.32 | 8.05 | 1046 | 873 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 15:48 | 72.6586806 | Deploying | 2 | 4110 | 2.3 | 1.36 | 2.34 | 8.06 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/12/2016 15:49 | 72.6590278 | Deploying | 2 | 4140 | 2.31 | 1.36 | 2.35 | 8.06 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:49 | 72.6593171 | Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:49 | 72.6593750 | Deploying | 2 | 4170 | 2.31 | 1.42 | 2.37 | 8.1 | 1057 | 863 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:50 | 72.6597222 | Deploying | 2 | 4200 | 2.37 | 1.42 | 2.39 | 8.05 | 0 | 0 | 0 | -10 | -13 | -12 | -13 |
| 3/12/2016 15:50 | 72.6600694 | Deploying | 2 | 4230 | 2.37 | 1.42 | 2.4 | 8.06 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 15:51 | 72.6604167 | Deploying | 2 | 4260 | 2.38 | 1.42 | 2.42 | 8.05 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 15:51 | 72.6606829 | Winding down 1438 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:51 | 72.6607639 | Deploying | 2 | 4290 | 2.39 | 1.48 | 2.44 | 8.06 | 1142 | 905 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 15:52 | 72.6611111 | Deploying | 2 | 4320 | 2.42 | 1.48 | 2.46 | 8.03 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 15:52 | 72.6614583 | Deploying | 2 | 4350 | 2.43 | 1.48 | 2.47 | 8.03 | 0 | 0 | 0 | -10 | -14 | -12 | -14 |
| 3/12/2016 15:53 | 72.6618056 | Deploying | 2 | 4380 | 2.43 | 1.48 | 2.49 | 8.02 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 15:53 | 72.6618171 | Winding down 1426 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:53 | 72.6621528 | Deploying | 2 | 4410 | 2.49 | 1.53 | 2.51 | 8.05 | 1126 | 909 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 15:54 | 72.6625000 | Deploying | 2 | 4440 | 2.5 | 1.53 | 2.52 | 8.05 | 0 | 0 | 0 | -10 | -13 | -11 | -13 |
| 3/12/2016 15:54 | 72.6628472 | Deploying | 2 | 4470 | 2.51 | 1.53 | 2.54 | 8.06 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 15:55 | 72.6631944 | Deploying | 2 | 4500 | 2.5 | 1.53 | 2.56 | 8.05 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 15:55 | 72.6633565 | Winding down 1685 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:55 | 72.6635417 | Deploying | 2 | 4530 | 2.53 | 1.6 | 2.57 | 8.05 | 1142 | 894 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 15:56 | 72.6638889 | Deploying | 2 | 4560 | 2.56 | 1.6 | 2.59 | 8.05 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 15:56 | 72.6642361 | Deploying | 2 | 4590 | 2.56 | 1.6 | 2.61 | 8.03 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 15:56 | 72.6644907 | Winding down 1474 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:57 | 72.6645833 | Deploying | 2 | 4620 | 2.58 | 1.65 | 2.63 | 8.05 | 1094 | 879 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 15:57 | 72.6649306 | Deploying | 2 | 4650 | 2.62 | 1.65 | 2.64 | 8.03 | 0 | 0 | 0 | -11 | -16 | -12 | -16 |
| 3/12/2016 15:58 | 72.6652778 | Deploying | 2 | 4680 | 2.62 | 1.65 | 2.66 | 8.05 | 0 | 0 | 0 | -12 | -11 | -12 | -11 |
| 3/12/2016 15:58 | 72.6656250 | Deploying | 2 | 4710 | 2.62 | 1.65 | 2.68 | 8.05 | 0 | 0 | 0 | -15 | -9 | -11 | -9 |
| 3/12/2016 15:58 | 72.6657407 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 15:59 | 72.6659722 | Deploying | 2 | 4740 | 2.65 | 1.71 | 2.69 | 8.06 | 1027 | 866 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 15:59 | 72.6663194 | Deploying | 2 | 4770 | 2.68 | 1.71 | 2.71 | 8.05 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 16:00 | 72.6666667 | Deploying | 2 | 4800 | 2.69 | 1.71 | 2.73 | 8.03 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 16:00 | 72.6670139 | Deploying | 2 | 4830 | 2.69 | 1.71 | 2.74 | 8.02 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:00 | 72.6670486 | Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:01 | 72.6673611 | Deploying | 2 | 4860 | 2.74 | 1.77 | 2.76 | 8.05 | 1182 | 901 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 16:01 | 72.6677083 | Deploying | 2 | 4890 | 2.76 | 1.77 | 2.78 | 8.03 | 0 | 0 | 0 | -14 | -10 | -11 | -10 |
| 3/12/2016 16:02 | 72.6680556 | Deploying | 2 | 4920 | 2.75 | 1.77 | 2.8 | 8.02 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:02 | 72.6684028 | Deploying | 2 | 4950 | 2.75 | 1.77 | 2.81 | 8.03 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:02 | 72.6684375 | Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:03 | 72.6687500 | Deploying | 2 | 4980 | 2.81 | 1.84 | 2.83 | 8.08 | 1192 | 898 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:03 | 72.6690972 | Deploying | 2 | 5010 | 2.82 | 1.84 | 2.85 | 8.06 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:04 | 72.6694444 | Deploying | 2 | 5040 | 2.83 | 1.84 | 2.86 | 8.05 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 16:04 | 72.6697917 | Deploying | 2 | 5070 | 2.82 | 1.84 | 2.88 | 8.02 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 16:04 | 72.6699537 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:05 | 72.6701389 | Deploying | 2 | 5100 | 2.86 | 1.9 | 2.9 | 8.05 | 1085 | 881 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:05 | 72.6704861 | Deploying | 2 | 5130 | 2.89 | 1.9 | 2.91 | 8.06 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 16:06 | 72.6708333 | Deploying | 2 | 5160 | 2.89 | 1.9 | 2.93 | 8.06 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:06 | 72.6711806 | Deploying | 2 | 5190 | 2.89 | 1.9 | 2.95 | 8.05 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 16:06 | 72.6711806 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:07 | 72.6715278 | Deploying | 2 | 5220 | 2.95 | 1.96 | 2.97 | 8.03 | 1114 | 900 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 16:07 | 72.6718750 | Deploying | 2 | 5250 | 2.94 | 1.96 | 2.98 | 8.02 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:08 | 72.6722222 | Deploying | 2 | 5280 | 2.95 | 1.96 | 3 | 8.03 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 16:08 | 72.6724190 | Winding down 1403 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:08 | 72.6725694 | Deploying | 2 | 5310 | 2.97 | 2.01 | 3.02 | 8.02 | 1103 | 877 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:09 | 72.6729167 | Deploying | 2 | 5340 | 3 | 2.01 | 3.03 | 8.03 | 0 | 0 | 0 | -11 | -13 | -11 | -13 |
| 3/12/2016 16:09 | 72.6732639 | Deploying | 2 | 5370 | 3.01 | 2.01 | 3.05 | 8 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:10 | 72.6736111 | Deploying | 2 | 5400 | 3 | 2.01 | 3.07 | 8 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |

| 3/12/2016 16:10 | 72.6736227 Winding down 1651 ticks | 3 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:10 | 72.6739583 Deploying | 2 | 5430 | 3.06 | 2.07 | 3.08 | 8.05 | 1002 | 823 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 16:11 | 72.6743056 Deploying | 2 | 5460 | 3.07 | 2.07 | 3.1 | 8.03 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 16:11 | 72.6746528 Deploying | 2 | 5490 | 3.07 | 2.07 | 3.12 | 8.03 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 16:11 | 72.6749190 Winding down 1563 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:12 | 72.6750000 Deploying | 2 | 5520 | 3.08 | 2.13 | 3.14 | 8.05 | 1088 | 845 | 0 | -9 | -13 | -11 | -13 |
| 3/12/2016 16:12 | 72.6753472 Deploying | 2 | 5550 | 3.13 | 2.13 | 3.15 | 8.05 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 16:13 | 72.6756944 Deploying | 2 | 5580 | 3.14 | 2.13 | 3.17 | 8.02 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/12/2016 16:13 | 72.6760417 Deploying | 2 | 5610 | 3.13 | 2.13 | 3.19 | 8.02 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 16:13 | 72.6762153 Winding down 1650 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:14 | 72.6763889 Deploying | 2 | 5640 | 3.17 | 2.19 | 3.2 | 8.03 | 1106 | 875 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 16:14 | 72.6767361 Deploying | 2 | 5670 | 3.19 | 2.19 | 3.22 | 8.03 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:15 | 72.6770833 Deploying | 2 | 5700 | 3.2 | 2.19 | 3.24 | 8.03 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 16:15 | 72.6774306 Deploying | 2 | 5730 | 3.2 | 2.19 | 3.25 | 8.02 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 16:15 | 72.6775116 Winding down 1611 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:16 | 72.6777778 Deploying | 2 | 5760 | 3.24 | 2.25 | 3.27 | 8.02 | 1136 | 897 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 16:16 | 72.6781250 Deploying | 2 | 5790 | 3.26 | 2.25 | 3.29 | 8.03 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:17 | 72.6784722 Deploying | 2 | 5820 | 3.27 | 2.25 | 3.31 | 8.03 | 0 | 0 | 0 | -13 | -10 | -12 | -10 |
| 3/12/2016 16:17 | 72.6788194 Deploying | 2 | 5850 | 3.26 | 2.25 | 3.32 | 8.06 | 0 | 0 | 0 | -14 | -11 | -11 | -11 |
| 3/12/2016 16:17 | 72.6788426 Winding down 1565 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:18 | 72.6791667 Deploying | 2 | 5880 | 3.32 | 2.31 | 3.34 | 8.02 | 1142 | 913 | 0 | -13 | -13 | -11 | -13 |
| 3/12/2016 16:18 | 72.6795139 Deploying | 2 | 5910 | 3.32 | 2.31 | 3.36 | 8.02 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 16:19 | 72.6798611 Deploying | 2 | 5940 | 3.32 | 2.31 | 3.37 | 8.02 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:19 | 72.6800926 Winding down 1470 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:19 | 72.6802083 Deploying | 2 | 5970 | 3.35 | 2.37 | 3.39 | 8.02 | 1031 | 873 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:20 | 72.6805556 Deploying | 2 | 6000 | 3.38 | 2.37 | 3.41 | 8.03 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 16:20 | 72.6809028 Deploying | 2 | 6030 | 3.38 | 2.37 | 3.42 | 8.05 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:20 | 72.6812153 Winding down 1670 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:21 | 72.6812500 Deploying | 2 | 6060 | 3.38 | 2.43 | 3.44 | 8.02 | 1092 | 893 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 16:21 | 72.6815972 Deploying | 2 | 6090 | 3.45 | 2.43 | 3.46 | 8 | 0 | 0 | 0 | -14 | -10 | -12 | -10 |
| 3/12/2016 16:22 | 72.6819444 Deploying | 2 | 6120 | 3.44 | 2.43 | 3.48 | 8 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 16:22 | 72.6822917 Deploying | 2 | 6150 | 3.44 | 2.43 | 3.49 | 8.02 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 16:22 | 72.6825463 Winding down 1549 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:23 | 72.6826389 Deploying | 2 | 6180 | 3.46 | 2.49 | 3.51 | 8.03 | 1145 | 901 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:23 | 72.6829861 Deploying | 2 | 6210 | 3.5 | 2.49 | 3.53 | 8.02 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 16:24 | 72.6833333 Deploying | 2 | 6240 | 3.5 | 2.49 | 3.54 | 8.02 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 16:24 | 72.6836806 Deploying | 2 | 6270 | 3.51 | 2.49 | 3.56 | 8.03 | 0 | 0 | 0 | -15 | -10 | -12 | -10 |
| 3/12/2016 16:24 | 72.6838079 Winding down 1368 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:25 | 72.6840278 Deploying | 2 | 6300 | 3.54 | 2.54 | 3.58 | 8 | 1240 | 906 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 16:25 | 72.6843750 Deploying | 2 | 6330 | 3.56 | 2.54 | 3.59 | 8.03 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:26 | 72.6847222 Deploying | 2 | 6360 | 3.56 | 2.54 | 3.61 | 8.02 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:26 | 72.6850463 Winding down 1734 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:26 | 72.6850694 Deploying | 2 | 6390 | 3.56 | 2.61 | 3.63 | 7.95 | 1253 | 908 | 0 | -10 | -13 | -11 | -13 |
| 3/12/2016 16:27 | 72.6854167 Deploying | 2 | 6420 | 3.63 | 2.61 | 3.65 | 8.03 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 16:27 | 72.6857639 Deploying | 2 | 6450 | 3.62 | 2.61 | 3.66 | 8 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:28 | 72.6861111 Deploying | 2 | 6480 | 3.63 | 2.61 | 3.68 | 8 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 16:28 | 72.6862500 Winding down 1432 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:28 | 72.6864583 Deploying | 2 | 6510 | 3.66 | 2.66 | 3.7 | 8.05 | 1124 | 904 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 16:29 | 72.6868056 Deploying | 2 | 6540 | 3.67 | 2.66 | 3.71 | 8 | 0 | 0 | 0 | -12 | -15 | -12 | -15 |
| 3/12/2016 16:29 | 72.6871528 Deploying | 2 | 6570 | 3.68 | 2.66 | 3.73 | 8.02 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:29 | 72.6873843 Winding down 1620 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:30 | 72.6875000 Deploying | 2 | 6600 | 3.7 | 2.72 | 3.75 | 8.03 | 1159 | 926 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 16:30 | 72.6878472 Deploying | 2 | 6630 | 3.74 | 2.72 | 3.76 | 8.02 | 0 | 0 | 0 | -14 | -15 | -13 | -15 |
| 3/12/2016 16:31 | 72.6881944 Deploying | 2 | 6660 | 3.76 | 2.72 | 3.78 | 8.02 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:31 | 72.6885417 | Deploying | 2 | 6690 | 3.75 | 2.72 | 3.8 | 8.02 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:31 | 72.6888542 | Winding down 1695 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:32 | 72.6888889 | Deploying | 2 | 6720 | 3.75 | 2.79 | 3.82 | 8 | 1156 | 935 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 16:32 | 72.6892361 | Deploying | 2 | 6750 | 3.82 | 2.79 | 3.83 | 8.02 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:33 | 72.6895833 | Deploying | 2 | 6780 | 3.81 | 2.79 | 3.85 | 8.02 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 16:33 | 72.6899306 | Deploying | 2 | 6810 | 3.82 | 2.79 | 3.87 | 8.02 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 16:33 | 72.6902662 | Winding down 1698 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:34 | 72.6902778 | Deploying | 2 | 6840 | 3.82 | 2.85 | 3.88 | 8 | 1176 | 914 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 16:34 | 72.6906250 | Deploying | 2 | 6870 | 3.88 | 2.85 | 3.9 | 8.05 | 1176 | 69 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 16:35 | 72.6909722 | Deploying | 2 | 6900 | 3.88 | 2.85 | 3.92 | 8.03 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:35 | 72.6913194 | Deploying | 2 | 6930 | 3.9 | 2.85 | 3.93 | 8.05 | 0 | 0 | 0 | -15 | -10 | -12 | -10 |
| 3/12/2016 16:35 | 72.6916551 | Winding down 1598 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:36 | 72.6916667 | Deploying | 2 | 6960 | 3.89 | 2.91 | 3.95 | 8.02 | 1104 | 903 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 16:36 | 72.6920139 | Deploying | 2 | 6990 | 3.95 | 2.91 | 3.97 | 8.06 | 1104 | 78 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 16:37 | 72.6923611 | Deploying | 2 | 7020 | 3.95 | 2.91 | 3.99 | 8.02 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 16:37 | 72.6927083 | Deploying | 2 | 7050 | 3.96 | 2.91 | 4 | 8.02 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:37 | 72.6929398 | Winding down 1545 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:38 | 72.6930556 | Deploying | 2 | 7080 | 3.97 | 2.97 | 4.02 | 8.02 | 1200 | 917 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 16:38 | 72.6934028 | Deploying | 2 | 7110 | 4.01 | 2.97 | 4.04 | 8.02 | 0 | 0 | 0 | -10 | -13 | -12 | -13 |
| 3/12/2016 16:39 | 72.6937500 | Deploying | 2 | 7140 | 4.01 | 2.97 | 4.05 | 8.02 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:39 | 72.6940856 | Winding down 1548 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:39 | 72.6940972 | Deploying | 2 | 7170 | 4.01 | 3.03 | 4.07 | 8.03 | 1040 | 885 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 16:40 | 72.6944444 | Deploying | 2 | 7200 | 4.08 | 3.03 | 4.09 | 8 | 1040 | 57 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 16:40 | 72.6947917 | Deploying | 2 | 7230 | 4.08 | 3.03 | 4.1 | 8 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:41 | 72.6951389 | Deploying | 2 | 7260 | 4.08 | 3.03 | 4.12 | 8.02 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 16:41 | 72.6954861 | Deploying | 2 | 7290 | 4.08 | 3.03 | 4.14 | 8.02 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:41 | 72.6955208 | Winding down 1430 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:42 | 72.6958333 | Deploying | 2 | 7320 | 4.12 | 3.08 | 4.16 | 8.03 | 1136 | 891 | 0 | -16 | -12 | -13 | -12 |
| 3/12/2016 16:42 | 72.6961806 | Deploying | 2 | 7350 | 4.13 | 3.08 | 4.17 | 8.03 | 0 | 0 | 0 | -15 | -10 | -12 | -10 |
| 3/12/2016 16:43 | 72.6965278 | Deploying | 2 | 7380 | 4.14 | 3.08 | 4.19 | 8.03 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 16:43 | 72.6966435 | Winding down 1554 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:43 | 72.6968750 | Deploying | 2 | 7410 | 4.17 | 3.14 | 4.21 | 8.02 | 1174 | 926 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 16:44 | 72.6972222 | Deploying | 2 | 7440 | 4.19 | 3.14 | 4.22 | 8.02 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 16:44 | 72.6975694 | Deploying | 2 | 7470 | 4.19 | 3.14 | 4.24 | 8.03 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:44 | 72.6978704 | Winding down 1555 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:45 | 72.6979167 | Deploying | 2 | 7500 | 4.2 | 3.2 | 4.26 | 8 | 1136 | 905 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:45 | 72.6982639 | Deploying | 2 | 7530 | 4.25 | 3.2 | 4.27 | 8.02 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 16:46 | 72.6986111 | Deploying | 2 | 7560 | 4.25 | 3.2 | 4.29 | 8.02 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 16:46 | 72.6989583 | Deploying | 2 | 7590 | 4.25 | 3.2 | 4.31 | 8 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 16:46 | 72.6991088 | Winding down 1671 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:47 | 72.6993056 | Deploying | 2 | 7620 | 4.28 | 3.27 | 4.33 | 8.02 | 1110 | 890 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 16:47 | 72.6996528 | Deploying | 2 | 7650 | 4.32 | 3.27 | 4.34 | 7.98 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 16:48 | 72.7000000 | Deploying | 2 | 7680 | 4.31 | 3.27 | 4.36 | 8 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:48 | 72.7002546 | Winding down 1599 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:48 | 72.7003472 | Deploying | 2 | 7710 | 4.33 | 3.33 | 4.38 | 8 | 1115 | 899 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:49 | 72.7006944 | Deploying | 2 | 7740 | 4.38 | 3.33 | 4.39 | 8.02 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:49 | 72.7010417 | Deploying | 2 | 7770 | 4.39 | 3.33 | 4.41 | 8.02 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 16:50 | 72.7013889 | Deploying | 2 | 7800 | 4.39 | 3.33 | 4.43 | 8.03 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 16:50 | 72.7017361 | Deploying | 2 | 7830 | 4.39 | 3.33 | 4.44 | 8.03 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 16:50 | 72.7018056 | Winding down 1597 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 16:51 | 72.7020833 | Deploying | 2 | 7860 | 4.42 | 3.39 | 4.46 | 8.02 | 1114 | 901 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 16:51 | 72.7024306 | Deploying | 2 | 7890 | 4.44 | 3.39 | 4.48 | 8.02 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:52 | 72.7027778 | Deploying | 2 | 7920 | 4.44 | 3.39 | 4.5 | 8.02 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 16:52 | 72.7028356 | Winding down 1633 ticks | 3 | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:52 | 72.7031250 | Deploying | 2 | 7950 | 4.49 | 3.45 | 4.51 | 8 | 1143 | 917 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:53 | 72.7034722 | Deploying | 2 | 7980 | 4.51 | 3.45 | 4.53 | 8.02 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:53 | 72.7038194 | Deploying | 2 | 8010 | 4.51 | 3.45 | 4.55 | 8 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 16:54 | 72.7041667 | Deploying | 2 | 8040 | 4.51 | 3.45 | 4.56 | 8 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 16:54 | 72.7044560 | Winding down 1791 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:54 | 72.7045139 | Deploying | 2 | 8070 | 4.52 | 3.52 | 4.58 | 8.03 | 1075 | 882 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 16:55 | 72.7048611 | Deploying | 2 | 8100 | 4.58 | 3.52 | 4.6 | 7.98 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:55 | 72.7052083 | Deploying | 2 | 8130 | 4.58 | 3.52 | 4.61 | 8 | 0 | 0 | 0 | -14 | -11 | -13 | -11 |
| 3/12/2016 16:56 | 72.7055556 | Deploying | 2 | 8160 | 4.58 | 3.52 | 4.63 | 8.02 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 16:56 | 72.7057292 | Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:56 | 72.7059028 | Deploying | 2 | 8190 | 4.61 | 3.57 | 4.65 | 8 | 1187 | 903 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 16:57 | 72.7062500 | Deploying | 2 | 8220 | 4.64 | 3.57 | 4.67 | 8.03 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:57 | 72.7065972 | Deploying | 2 | 8250 | 4.64 | 3.57 | 4.68 | 8 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 16:58 | 72.7069444 | Deploying | 2 | 8280 | 4.63 | 3.57 | 4.7 | 8 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 16:58 | 72.7069444 | Winding down 1687 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:58 | 72.7072917 | Deploying | 2 | 8310 | 4.71 | 3.64 | 4.72 | 7.98 | 1121 | 899 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 16:59 | 72.7076389 | Deploying | 2 | 8340 | 4.71 | 3.64 | 4.73 | 7.98 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 16:59 | 72.7079861 | Deploying | 2 | 8370 | 4.71 | 3.64 | 4.75 | 8.02 | 0 | 0 | 0 | -15 | -13 | -12 | -13 |
| 3/12/2016 17:00 | 72.7083333 | Deploying | 2 | 8400 | 4.71 | 3.64 | 4.77 | 8 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 17:00 | 72.7085301 | Winding down 1653 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:00 | 72.7086806 | Deploying | 2 | 8430 | 4.75 | 3.7 | 4.78 | 8.03 | 1100 | 907 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 17:01 | 72.7090278 | Deploying | 2 | 8460 | 4.78 | 3.7 | 4.8 | 8 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 17:01 | 72.7093750 | Deploying | 2 | 8490 | 4.78 | 3.7 | 4.82 | 7.98 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 17:02 | 72.7097222 | Deploying | 2 | 8520 | 4.78 | 3.7 | 4.84 | 7.98 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 17:02 | 72.7098611 | Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:02 | 72.7100694 | Deploying | 2 | 8550 | 4.82 | 3.76 | 4.85 | 8.02 | 1146 | 895 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:03 | 72.7104167 | Deploying | 2 | 8580 | 4.85 | 3.76 | 4.87 | 8.03 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 17:03 | 72.7107639 | Deploying | 2 | 8610 | 4.85 | 3.76 | 4.89 | 8 | 0 | 0 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 17:04 | 72.7111111 | Deploying | 2 | 8640 | 4.85 | 3.76 | 4.9 | 7.98 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:04 | 72.7112500 | Winding down 1707 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:04 | 72.7114583 | Deploying | 2 | 8670 | 4.88 | 3.83 | 4.92 | 8 | 1179 | 900 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:05 | 72.7118056 | Deploying | 2 | 8700 | 4.91 | 3.83 | 4.94 | 7.97 | 0 | 0 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 17:05 | 72.7121528 | Deploying | 2 | 8730 | 4.91 | 3.83 | 4.95 | 8.03 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 17:05 | 72.7124306 | Winding down 1502 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:06 | 72.7125000 | Deploying | 2 | 8760 | 4.92 | 3.88 | 4.97 | 7.98 | 1191 | 906 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:06 | 72.7128472 | Deploying | 2 | 8790 | 4.97 | 3.88 | 4.99 | 7.98 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 17:07 | 72.7131944 | Deploying | 2 | 8820 | 4.97 | 3.88 | 5.01 | 8.02 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 17:07 | 72.7135417 | Deploying | 2 | 8850 | 4.97 | 3.88 | 5.02 | 8.02 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 17:07 | 72.7136458 | Winding down 1390 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:08 | 72.7138889 | Deploying | 2 | 8880 | 5.02 | 3.94 | 5.04 | 7.97 | 1121 | 910 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 17:08 | 72.7142361 | Deploying | 2 | 8910 | 5.03 | 3.94 | 5.06 | 8 | 0 | 0 | 0 | -13 | -16 | -13 | -16 |
| 3/12/2016 17:09 | 72.7145833 | Deploying | 2 | 8940 | 5.04 | 3.94 | 5.07 | 8.02 | 0 | 0 | 0 | -12 | -16 | -12 | -16 |
| 3/12/2016 17:09 | 72.7149306 | Deploying | 2 | 8970 | 5.03 | 3.94 | 5.09 | 7.98 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 17:09 | 72.7150231 | Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:10 | 72.7152778 | Deploying | 2 | 9000 | 5.08 | 4 | 5.11 | 8 | 1147 | 911 | 0 | -15 | -10 | -12 | -10 |
| 3/12/2016 17:10 | 72.7156250 | Deploying | 2 | 9030 | 5.09 | 4 | 5.12 | 7.98 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 17:11 | 72.7159722 | Deploying | 2 | 9060 | 5.09 | 4 | 5.14 | 8 | 0 | 0 | 0 | -10 | -11 | -12 | -11 |
| 3/12/2016 17:11 | 72.7162037 | Winding down 1395 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:11 | 72.7163194 | Deploying | 2 | 9090 | 5.11 | 4.05 | 5.16 | 8 | 1111 | 903 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 17:12 | 72.7166667 | Deploying | 2 | 9120 | 5.16 | 4.05 | 5.18 | 7.98 | 0 | 0 | 0 | -13 | -15 | -12 | -15 |
| 3/12/2016 17:12 | 72.7170139 | Deploying | 2 | 9150 | 5.16 | 4.05 | 5.19 | 7.97 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 17:13 | 72.7173611 | Deploying | 2 | 9180 | 5.16 | 4.05 | 5.21 | 7.95 | 0 | 0 | 0 | -15 | -14 | -12 | -14 |
| 3/12/2016 17:13 | 72.7175926 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:13 | 72.7177083 | Deploying | 2 | 9210 | 5.18 | 4.11 | 5.23 | 8 | 1130 | 902 | 0 | -12 | -14 | -13 | -14 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:14 | 72.7180556 Deploying | 2 | 9240 | 5.23 | 4.11 | 5.24 | 8 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 17:14 | 72.7184028 Deploying | 2 | 9270 | 5.23 | 4.11 | 5.26 | 8 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 17:15 | 72.7187500 Deploying | 2 | 9300 | 5.24 | 4.11 | 5.28 | 7.97 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 17:15 | 72.7190972 Deploying | 2 | 9330 | 5.23 | 4.11 | 5.29 | 7.98 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:15 | 72.7191319 Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:16 | 72.7194444 Deploying | 2 | 9360 | 5.3 | 4.18 | 5.31 | 7.98 | 1086 | 890 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 17:16 | 72.7197917 Deploying | 2 | 9390 | 5.31 | 4.18 | 5.33 | 8 | 0 | 0 | 0 | -16 | -9 | -12 | -9 |
| 3/12/2016 17:17 | 72.7201389 Deploying | 2 | 9420 | 5.31 | 4.18 | 5.35 | 7.97 | 0 | 0 | 0 | -9 | -12 | -12 | -12 |
| 3/12/2016 17:17 | 72.7204861 Deploying | 2 | 9450 | 5.32 | 4.18 | 5.36 | 7.95 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 17:17 | 72.7207986 Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:18 | 72.7208333 Deploying | 2 | 9480 | 5.32 | 4.23 | 5.38 | 7.98 | 1117 | 907 | 0 | -11 | -14 | -13 | -14 |
| 3/12/2016 17:18 | 72.7211806 Deploying | 2 | 9510 | 5.36 | 4.23 | 5.4 | 7.98 | 0 | 0 | 0 | -16 | -13 | -13 | -13 |
| 3/12/2016 17:19 | 72.7215278 Deploying | 2 | 9540 | 5.36 | 4.23 | 5.41 | 7.98 | 0 | 0 | 0 | -16 | -13 | -12 | -13 |
| 3/12/2016 17:19 | 72.7217014 Winding down 1400 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:19 | 72.7218750 Deploying | 2 | 9570 | 5.4 | 4.29 | 5.43 | 7.97 | 1177 | 919 | 0 | -12 | -16 | -13 | -16 |
| 3/12/2016 17:20 | 72.7222222 Deploying | 2 | 9600 | 5.44 | 4.29 | 5.45 | 7.97 | 0 | 0 | 0 | -10 | -12 | -12 | -12 |
| 3/12/2016 17:20 | 72.7225694 Deploying | 2 | 9630 | 5.44 | 4.29 | 5.46 | 8 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 17:21 | 72.7229167 Deploying | 2 | 9660 | 5.43 | 4.29 | 5.48 | 8 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 17:21 | 72.7232523 Winding down 1423 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:21 | 72.7232639 Deploying | 2 | 9690 | 5.44 | 4.34 | 5.5 | 7.92 | 1081 | 894 | 0 | -10 | -13 | -13 | -13 |
| 3/12/2016 17:22 | 72.7236111 Deploying | 2 | 9720 | 5.49 | 4.34 | 5.52 | 7.97 | 1081 | 52 | 0 | -15 | -11 | -13 | -11 |
| 3/12/2016 17:22 | 72.7239583 Deploying | 2 | 9750 | 5.49 | 4.34 | 5.53 | 7.98 | 0 | 0 | 0 | -15 | -14 | -12 | -14 |
| 3/12/2016 17:23 | 72.7243056 Deploying | 2 | 9780 | 5.49 | 4.34 | 5.55 | 7.98 | 0 | 0 | 0 | -12 | -15 | -12 | -15 |
| 3/12/2016 17:23 | 72.7244676 Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:23 | 72.7246528 Deploying | 2 | 9810 | 5.53 | 4.4 | 5.57 | 7.98 | 1080 | 895 | 0 | -10 | -13 | -13 | -13 |
| 3/12/2016 17:24 | 72.7250000 Deploying | 2 | 9840 | 5.57 | 4.4 | 5.58 | 7.95 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 17:24 | 72.7253472 Deploying | 2 | 9870 | 5.57 | 4.4 | 5.6 | 7.95 | 0 | 0 | 0 | -15 | -14 | -12 | -14 |
| 3/12/2016 17:25 | 72.7256944 Deploying | 2 | 9900 | 5.56 | 4.4 | 5.62 | 7.97 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:25 | 72.7258333 Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:25 | 72.7260417 Deploying | 2 | 9930 | 5.59 | 4.46 | 5.63 | 7.97 | 1100 | 898 | 0 | -17 | -10 | -12 | -10 |
| 3/12/2016 17:26 | 72.7263889 Deploying | 2 | 9960 | 5.63 | 4.46 | 5.65 | 7.97 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 17:26 | 72.7267361 Deploying | 2 | 9990 | 5.62 | 4.46 | 5.67 | 7.95 | 0 | 0 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 17:26 | 72.7268056 Winding down 1372 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:27 | 72.7270833 Deploying | 2 | 10020 | 5.66 | 4.52 | 5.69 | 7.97 | 1086 | 898 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 17:27 | 72.7274306 Deploying | 2 | 10050 | 5.67 | 4.52 | 5.7 | 7.95 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/12/2016 17:28 | 72.7277778 Deploying | 2 | 10080 | 5.68 | 4.52 | 5.72 | 7.95 | 0 | 0 | 0 | -13 | -10 | -12 | -10 |
| 3/12/2016 17:28 | 72.7281250 Deploying | 2 | 10110 | 5.67 | 4.52 | 5.74 | 7.97 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 17:28 | 72.7282523 Winding down 1868 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:29 | 72.7284722 Deploying | 2 | 10140 | 5.71 | 4.59 | 5.75 | 7.98 | 1149 | 910 | 0 | -11 | -15 | -13 | -15 |
| 3/12/2016 17:29 | 72.7288194 Deploying | 2 | 10170 | 5.74 | 4.59 | 5.77 | 7.98 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 17:30 | 72.7291667 Deploying | 2 | 10200 | 5.76 | 4.59 | 5.79 | 7.97 | 0 | 0 | 0 | -16 | -9 | -12 | -9 |
| 3/12/2016 17:30 | 72.7295139 Deploying | 2 | 10230 | 5.75 | 4.59 | 5.8 | 7.95 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 17:30 | 72.7295718 Winding down 1383 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:31 | 72.7298611 Deploying | 2 | 10260 | 5.79 | 4.64 | 5.82 | 7.97 | 1094 | 893 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 17:31 | 72.7302083 Deploying | 2 | 10290 | 5.81 | 4.64 | 5.84 | 7.97 | 0 | 0 | 0 | -14 | -10 | -12 | -10 |
| 3/12/2016 17:32 | 72.7305556 Deploying | 2 | 10320 | 5.81 | 4.64 | 5.86 | 7.98 | 0 | 0 | 0 | -15 | -16 | -12 | -16 |
| 3/12/2016 17:32 | 72.7309028 Deploying | 2 | 10350 | 5.81 | 4.64 | 5.87 | 7.97 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 17:32 | 72.7309491 Winding down 1669 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:33 | 72.7312500 Deploying | 2 | 10380 | 5.86 | 4.7 | 5.89 | 7.97 | 1072 | 873 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 17:33 | 72.7315972 Deploying | 2 | 10410 | 5.87 | 4.7 | 5.91 | 7.97 | 0 | 0 | 0 | -17 | -9 | -12 | -9 |
| 3/12/2016 17:34 | 72.7319444 Deploying | 2 | 10440 | 5.88 | 4.7 | 5.92 | 7.97 | 0 | 0 | 0 | -16 | -10 | -13 | -10 |
| 3/12/2016 17:34 | 72.7322338 Winding down 1816 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:34 | 72.7322917 Deploying | 2 | 10470 | 5.87 | 4.77 | 5.94 | 7.97 | 1104 | 892 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:35 | 72.7326389 Deploying | 2 | 10500 | 5.94 | 4.77 | 5.96 | 7.97 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |

| Date | Value / Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:35 | 72.7329861 Deploying | 2 | 10530 | 5.94 | 4.77 | 5.97 | 7.95 | 0 | 0 | 0 | -9 | -17 | -12 | -17 |
| 3/12/2016 17:36 | 72.7333333 Deploying | 2 | 10560 | 5.95 | 4.77 | 5.99 | 7.98 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 17:36 | 72.7335880 Winding down 1424 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:36 | 72.7336806 Deploying | 2 | 10590 | 5.97 | 4.83 | 6.01 | 7.97 | 1118 | 904 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 17:37 | 72.7340278 Deploying | 2 | 10620 | 5.99 | 4.83 | 6.03 | 7.98 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 17:37 | 72.7343750 Deploying | 2 | 10650 | 6.01 | 4.83 | 6.04 | 7.97 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 17:38 | 72.7347222 Deploying | 2 | 10680 | 6 | 4.83 | 6.06 | 7.97 | 0 | 0 | 0 | -15 | -10 | -12 | -10 |
| 3/12/2016 17:38 | 72.7347917 Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:38 | 72.7350694 Deploying | 2 | 10710 | 6.06 | 4.89 | 6.08 | 7.95 | 1243 | 919 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 17:39 | 72.7354167 Deploying | 2 | 10740 | 6.06 | 4.89 | 6.09 | 7.95 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 17:39 | 72.7357639 Deploying | 2 | 10770 | 6.06 | 4.89 | 6.11 | 7.97 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 17:40 | 72.7361111 Deploying | 2 | 10800 | 6.08 | 4.89 | 6.13 | 7.97 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:40 | 72.7362731 Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:40 | 72.7364583 Deploying | 2 | 10830 | 6.11 | 4.94 | 6.14 | 7.97 | 1054 | 874 | 0 | -10 | -11 | -12 | -11 |
| 3/12/2016 17:41 | 72.7368056 Deploying | 2 | 10860 | 6.14 | 4.94 | 6.16 | 7.97 | 0 | 0 | 0 | -18 | -14 | -12 | -14 |
| 3/12/2016 17:41 | 72.7371528 Deploying | 2 | 10890 | 6.14 | 4.94 | 6.18 | 7.95 | 0 | 0 | 0 | -10 | -14 | -13 | -14 |
| 3/12/2016 17:41 | 72.7374653 Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:42 | 72.7375000 Deploying | 2 | 10920 | 6.14 | 5 | 6.2 | 7.94 | 1044 | 890 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 17:42 | 72.7378472 Deploying | 2 | 10950 | 6.2 | 5 | 6.21 | 7.95 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 17:43 | 72.7381944 Deploying | 2 | 10980 | 6.19 | 5 | 6.23 | 7.98 | 0 | 0 | 0 | -14 | -11 | -11 | -11 |
| 3/12/2016 17:43 | 72.7385417 Deploying | 2 | 11010 | 6.2 | 5 | 6.25 | 7.95 | 0 | 0 | 0 | -13 | -14 | -11 | -14 |
| 3/12/2016 17:44 | 72.7388889 Deploying | 2 | 11040 | 6.2 | 5 | 6.26 | 7.95 | 0 | 0 | 0 | -11 | -15 | -13 | -15 |
| 3/12/2016 17:44 | 72.7388889 Winding down 1712 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:44 | 72.7392361 Deploying | 2 | 11070 | 6.26 | 5.07 | 6.28 | 7.95 | 1092 | 904 | 0 | -14 | -12 | -11 | -12 |
| 3/12/2016 17:45 | 72.7395833 Deploying | 2 | 11100 | 6.27 | 5.07 | 6.3 | 7.95 | 0 | 0 | 0 | -11 | -13 | -11 | -13 |
| 3/12/2016 17:45 | 72.7399306 Deploying | 2 | 11130 | 6.28 | 5.07 | 6.31 | 7.94 | 0 | 0 | 0 | -12 | -17 | -11 | -17 |
| 3/12/2016 17:45 | 72.7402315 Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:45 | 72.7402431 TWI hung (3) | 5 | | | | | | | | | | | | |
| 3/12/2016 17:45 | 72.7402431 TWI hung (2) | 5 | | | | | | | | | | | | |
| 3/12/2016 17:46 | 72.7402778 Deploying | 2 | 11160 | 6.27 | 5.13 | 6.33 | 7.97 | 1146 | 910 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 17:46 | 72.7406250 Deploying | 2 | 11190 | 6.33 | 5.13 | 6.35 | 7.97 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 17:47 | 72.7409722 Deploying | 2 | 11220 | 6.32 | 5.13 | 6.37 | 7.95 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 17:47 | 72.7412731 Winding down 1355 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:47 | 72.7413194 Deploying | 2 | 11250 | 6.33 | 5.18 | 6.38 | 7.98 | 1157 | 927 | 0 | -11 | -16 | -13 | -16 |
| 3/12/2016 17:48 | 72.7416667 Deploying | 2 | 11280 | 6.37 | 5.18 | 6.4 | 7.95 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 17:48 | 72.7420139 Deploying | 2 | 11310 | 6.38 | 5.18 | 6.42 | 7.94 | 0 | 0 | 0 | -11 | -17 | -13 | -17 |
| 3/12/2016 17:49 | 72.7423611 Deploying | 2 | 11340 | 6.39 | 5.18 | 6.43 | 7.94 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 17:49 | 72.7427083 Deploying | 2 | 11370 | 6.39 | 5.18 | 6.45 | 7.94 | 0 | 0 | 0 | -16 | -11 | -13 | -11 |
| 3/12/2016 17:49 | 72.7428472 Winding down 1732 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:50 | 72.7430556 Deploying | 2 | 11400 | 6.42 | 5.25 | 6.47 | 7.97 | 1084 | 896 | 0 | -17 | -10 | -13 | -10 |
| 3/12/2016 17:50 | 72.7434028 Deploying | 2 | 11430 | 6.46 | 5.25 | 6.48 | 7.94 | 0 | 0 | 0 | -11 | -15 | -12 | -15 |
| 3/12/2016 17:51 | 72.7437500 Deploying | 2 | 11460 | 6.45 | 5.25 | 6.5 | 7.98 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 17:51 | 72.7438542 Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:51 | 72.7440972 Deploying | 2 | 11490 | 6.49 | 5.31 | 6.52 | 7.94 | 1137 | 907 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 17:52 | 72.7444444 Deploying | 2 | 11520 | 6.51 | 5.31 | 6.54 | 7.95 | 0 | 0 | 0 | -13 | -15 | -13 | -15 |
| 3/12/2016 17:52 | 72.7447917 Deploying | 2 | 11550 | 6.5 | 5.31 | 6.55 | 7.95 | 0 | 0 | 0 | -11 | -15 | -13 | -15 |
| 3/12/2016 17:53 | 72.7451389 Deploying | 2 | 11580 | 6.52 | 5.31 | 6.57 | 7.94 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 17:53 | 72.7452778 Winding down 1257 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:53 | 72.7454861 Deploying | 2 | 11610 | 6.56 | 5.36 | 6.59 | 7.97 | 1108 | 910 | 0 | -10 | -14 | -12 | -14 |
| 3/12/2016 17:54 | 72.7458333 Deploying | 2 | 11640 | 6.57 | 5.36 | 6.6 | 7.95 | 0 | 0 | 0 | -10 | -12 | -12 | -12 |
| 3/12/2016 17:54 | 72.7461806 Deploying | 2 | 11670 | 6.58 | 5.36 | 6.62 | 7.95 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 17:55 | 72.7465278 Deploying | 2 | 11700 | 6.57 | 5.36 | 6.64 | 7.95 | 0 | 0 | 0 | -15 | -10 | -12 | -10 |
| 3/12/2016 17:55 | 72.7467245 Winding down 1978 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:55 | 72.7468750 Deploying | 2 | 11730 | 6.6 | 5.43 | 6.65 | 7.92 | 1044 | 845 | 0 | -15 | -11 | -13 | -11 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:56 | 72.7472222 | Deploying | 2 | 11760 | 6.64 | 5.43 | 6.67 | 7.92 | 0 | 0 | 0 | -11 | -16 | -12 | -16 |
| 3/12/2016 17:56 | 72.7475694 | Deploying | 2 | 11790 | 6.64 | 5.43 | 6.69 | 7.94 | 0 | 0 | 0 | -13 | -17 | -12 | -17 |
| 3/12/2016 17:56 | 72.7477431 | Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:57 | 72.7479167 | Deploying | 2 | 11820 | 6.66 | 5.49 | 6.71 | 7.95 | 1043 | 876 | 0 | -15 | -10 | -11 | -10 |
| 3/12/2016 17:57 | 72.7482639 | Deploying | 2 | 11850 | 6.7 | 5.49 | 6.72 | 7.94 | 0 | 0 | 0 | -14 | -9 | -11 | -9 |
| 3/12/2016 17:58 | 72.7486111 | Deploying | 2 | 11880 | 6.71 | 5.49 | 6.74 | 7.95 | 0 | 0 | 0 | -14 | -11 | -11 | -11 |
| 3/12/2016 17:58 | 72.7489583 | Deploying | 2 | 11910 | 6.69 | 5.49 | 6.76 | 7.94 | 0 | 0 | 0 | -11 | -13 | -11 | -13 |
| 3/12/2016 17:58 | 72.7490394 | Winding down 1611 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:59 | 72.7493056 | Deploying | 2 | 11940 | 6.74 | 5.55 | 6.77 | 7.95 | 1066 | 883 | 0 | -16 | -11 | -12 | -11 |
| 3/12/2016 17:59 | 72.7496528 | Deploying | 2 | 11970 | 6.77 | 5.55 | 6.79 | 7.94 | 0 | 0 | 0 | -13 | -9 | -10 | -9 |
| 3/12/2016 18:00 | 72.7500000 | Deploying | 2 | 12000 | 6.77 | 5.55 | 6.81 | 7.92 | 0 | 0 | 0 | -14 | -10 | -11 | -10 |
| 3/12/2016 18:00 | 72.7503472 | Deploying | 2 | 12030 | 6.77 | 5.55 | 6.82 | 7.92 | 0 | 0 | 0 | -11 | -14 | -11 | -14 |
| 3/12/2016 18:00 | 72.7504630 | Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:01 | 72.7506944 | Deploying | 2 | 12060 | 6.8 | 5.61 | 6.84 | 7.92 | 1191 | 930 | 0 | -11 | -11 | -11 | -11 |
| 3/12/2016 18:01 | 72.7510417 | Deploying | 2 | 12090 | 6.82 | 5.61 | 6.86 | 7.92 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 18:02 | 72.7513889 | Deploying | 2 | 12120 | 6.82 | 5.61 | 6.88 | 7.94 | 0 | 0 | 0 | -9 | -14 | -11 | -14 |
| 3/12/2016 18:02 | 72.7515625 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:02 | 72.7517361 | Deploying | 2 | 12150 | 6.86 | 5.67 | 6.89 | 7.94 | 1124 | 893 | 0 | -11 | -12 | -10 | -12 |
| 3/12/2016 18:03 | 72.7520833 | Deploying | 2 | 12180 | 6.89 | 5.67 | 6.91 | 7.94 | 0 | 0 | 0 | -9 | -15 | -11 | -15 |
| 3/12/2016 18:03 | 72.7524306 | Deploying | 2 | 12210 | 6.89 | 5.67 | 6.93 | 7.94 | 0 | 0 | 0 | -9 | -13 | -10 | -13 |
| 3/12/2016 18:04 | 72.7527778 | Deploying | 2 | 12240 | 6.89 | 5.67 | 6.94 | 7.95 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 18:04 | 72.7529630 | Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:04 | 72.7531250 | Deploying | 2 | 12270 | 6.91 | 5.74 | 6.96 | 7.95 | 1183 | 913 | 0 | -10 | -14 | -11 | -14 |
| 3/12/2016 18:05 | 72.7534722 | Deploying | 2 | 12300 | 6.95 | 5.74 | 6.98 | 7.94 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 18:05 | 72.7538194 | Deploying | 2 | 12330 | 6.95 | 5.74 | 6.99 | 7.94 | 0 | 0 | 0 | -8 | -12 | -10 | -12 |
| 3/12/2016 18:06 | 72.7541667 | Deploying | 2 | 12360 | 6.95 | 5.74 | 7.01 | 7.95 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/12/2016 18:06 | 72.7542130 | Winding down 1519 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:06 | 72.7545139 | Deploying | 2 | 12390 | 6.99 | 5.79 | 7.03 | 7.92 | 1160 | 909 | 0 | -9 | -10 | -11 | -10 |
| 3/12/2016 18:07 | 72.7548611 | Deploying | 2 | 12420 | 7 | 5.79 | 7.05 | 7.94 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/12/2016 18:07 | 72.7552083 | Deploying | 2 | 12450 | 7 | 5.79 | 7.06 | 7.9 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 18:07 | 72.7553241 | Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:08 | 72.7555556 | Deploying | 2 | 12480 | 7.04 | 5.85 | 7.08 | 7.92 | 1020 | 855 | 0 | -12 | -12 | -11 | -12 |
| 3/12/2016 18:08 | 72.7559028 | Deploying | 2 | 12510 | 7.06 | 5.85 | 7.1 | 7.94 | 0 | 0 | 0 | -13 | -9 | -11 | -9 |
| 3/12/2016 18:09 | 72.7562500 | Deploying | 2 | 12540 | 7.07 | 5.85 | 7.11 | 7.95 | 0 | 0 | 0 | -13 | -9 | -10 | -9 |
| 3/12/2016 18:09 | 72.7565509 | Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:09 | 72.7565972 | Deploying | 2 | 12570 | 7.06 | 5.92 | 7.13 | 7.92 | 1220 | 911 | 0 | -10 | -14 | -10 | -14 |
| 3/12/2016 18:10 | 72.7569444 | Deploying | 2 | 12600 | 7.12 | 5.92 | 7.15 | 7.95 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 18:10 | 72.7572917 | Deploying | 2 | 12630 | 7.13 | 5.92 | 7.16 | 7.95 | 0 | 0 | 0 | -11 | -9 | -10 | -9 |
| 3/12/2016 18:10 | 72.7575810 | Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:11 | 72.7576389 | Deploying | 2 | 12660 | 7.12 | 5.98 | 7.18 | 7.94 | 1151 | 897 | 0 | -11 | -10 | -11 | -10 |
| 3/12/2016 18:11 | 72.7579861 | Deploying | 2 | 12690 | 7.2 | 5.98 | 7.2 | 7.95 | 0 | 0 | 0 | -14 | -11 | -11 | -11 |
| 3/12/2016 18:12 | 72.7583333 | Deploying | 2 | 12720 | 7.19 | 5.98 | 7.22 | 7.94 | 0 | 0 | 0 | -7 | -16 | -10 | -16 |
| 3/12/2016 18:12 | 72.7586806 | Deploying | 2 | 12750 | 7.18 | 5.98 | 7.23 | 7.94 | 0 | 0 | 0 | -15 | -9 | -12 | -9 |
| 3/12/2016 18:12 | 72.7589468 | Winding down 1413 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:13 | 72.7590278 | Deploying | 2 | 12780 | 7.2 | 6.03 | 7.25 | 7.9 | 1230 | 924 | 0 | -13 | -9 | -11 | -9 |
| 3/12/2016 18:13 | 72.7593750 | Deploying | 2 | 12810 | 7.24 | 6.03 | 7.27 | 7.92 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/12/2016 18:14 | 72.7597222 | Deploying | 2 | 12840 | 7.24 | 6.03 | 7.28 | 7.94 | 0 | 0 | 0 | -8 | -15 | -11 | -15 |
| 3/12/2016 18:14 | 72.7600694 | Deploying | 2 | 12870 | 7.25 | 6.03 | 7.3 | 7.94 | 0 | 0 | 0 | -14 | -10 | -12 | -10 |
| 3/12/2016 18:14 | 72.7601852 | Winding down 1479 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:15 | 72.7604167 | Deploying | 2 | 12900 | 7.27 | 6.09 | 7.32 | 7.92 | 1195 | 905 | 0 | -14 | -12 | -11 | -12 |
| 3/12/2016 18:15 | 72.7607639 | Deploying | 2 | 12930 | 7.3 | 6.09 | 7.33 | 7.92 | 0 | 0 | 0 | -14 | -11 | -11 | -11 |
| 3/12/2016 18:16 | 72.7611111 | Deploying | 2 | 12960 | 7.3 | 6.09 | 7.35 | 7.92 | 0 | 0 | 0 | -10 | -14 | -11 | -14 |
| 3/12/2016 18:16 | 72.7612616 | Winding down 1721 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:16 | 72.7614583 | Deploying | 2 | 12990 | 7.34 | 6.16 | 7.37 | 7.95 | 1097 | 888 | 0 | -14 | -10 | -11 | -10 |

| 3/12/2016 18:17 | 72.7618056 Deploying | 2 | 13020 | 7.36 | 6.16 | 7.39 | 7.92 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:17 | 72.7621528 Deploying | 2 | 13050 | 7.37 | 6.16 | 7.4 | 7.95 | 0 | 0 | 0 | -14 | -10 | -11 | -10 |
| 3/12/2016 18:18 | 72.7625000 Deploying | 2 | 13080 | 7.37 | 6.16 | 7.42 | 7.94 | 0 | 0 | 0 | -14 | -8 | -11 | -8 |
| 3/12/2016 18:18 | 72.7627662 Winding down 1463 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:18 | 72.7627778 TWI hung (2) | 5 | | | | | | | | | | | | |
| 3/12/2016 18:18 | 72.7627778 TWI hung (1) | 5 | | | | | | | | | | | | |
| 3/12/2016 18:18 | 72.7628472 Deploying | 2 | 13110 | 7.38 | 6.21 | 7.44 | 7.97 | 1187 | 925 | 1 | -13 | -13 | -21 | -13 |
| 3/12/2016 18:19 | 72.7631944 Deploying | 2 | 13140 | 7.42 | 6.21 | 7.45 | 7.9 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 18:19 | 72.7635417 Deploying | 2 | 13170 | 7.43 | 6.21 | 7.47 | 7.94 | 0 | 0 | 0 | -8 | -14 | -11 | -14 |
| 3/12/2016 18:19 | 72.7638657 Winding down 1709 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:20 | 72.7638889 Deploying | 2 | 13200 | 7.42 | 6.28 | 7.49 | 7.84 | 1136 | 906 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 18:20 | 72.7642361 Deploying | 2 | 13230 | 7.49 | 6.28 | 7.5 | 7.95 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/12/2016 18:21 | 72.7645833 Deploying | 2 | 13260 | 7.48 | 6.28 | 7.52 | 7.92 | 0 | 0 | 0 | -15 | -10 | -11 | -10 |
| 3/12/2016 18:21 | 72.7649306 Deploying | 2 | 13290 | 7.49 | 6.28 | 7.54 | 7.9 | 0 | 0 | 0 | -12 | -13 | -11 | -13 |
| 3/12/2016 18:21 | 72.7650347 Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:22 | 72.7652778 Deploying | 2 | 13320 | 7.53 | 6.34 | 7.56 | 7.94 | 1170 | 887 | 0 | -11 | -10 | -10 | -10 |
| 3/12/2016 18:22 | 72.7656250 Deploying | 2 | 13350 | 7.54 | 6.34 | 7.57 | 7.94 | 0 | 0 | 0 | -9 | -12 | -11 | -12 |
| 3/12/2016 18:23 | 72.7659722 Deploying | 2 | 13380 | 7.55 | 6.34 | 7.59 | 7.97 | 0 | 0 | 0 | -13 | -10 | -11 | -10 |
| 3/12/2016 18:23 | 72.7663194 Deploying | 2 | 13410 | 7.56 | 6.34 | 7.61 | 7.92 | 0 | 0 | 0 | -11 | -12 | -10 | -12 |
| 3/12/2016 18:23 | 72.7665162 Winding down 1628 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:24 | 72.7666667 Deploying | 2 | 13440 | 7.57 | 6.4 | 7.62 | 7.94 | 1211 | 936 | 0 | -15 | -8 | -11 | -8 |
| 3/12/2016 18:24 | 72.7670139 Deploying | 2 | 13470 | 7.61 | 6.4 | 7.64 | 7.92 | 0 | 0 | 0 | -9 | -12 | -11 | -12 |
| 3/12/2016 18:25 | 72.7673611 Deploying | 2 | 13500 | 7.61 | 6.4 | 7.66 | 7.94 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/12/2016 18:25 | 72.7674884 Winding down 1418 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:25 | 72.7677083 Deploying | 2 | 13530 | 7.64 | 6.45 | 7.67 | 7.95 | 1155 | 930 | 0 | -12 | -15 | -12 | -15 |
| 3/12/2016 18:26 | 72.7680556 Deploying | 2 | 13560 | 7.66 | 6.45 | 7.69 | 7.9 | 0 | 0 | 0 | -12 | -14 | -11 | -14 |
| 3/12/2016 18:26 | 72.7684028 Deploying | 2 | 13590 | 7.66 | 6.45 | 7.71 | 7.95 | 0 | 0 | 0 | -10 | -13 | -11 | -13 |
| 3/12/2016 18:27 | 72.7687500 Deploying | 2 | 13620 | 7.66 | 6.45 | 7.73 | 7.92 | 0 | 0 | 0 | -12 | -11 | -10 | -11 |
| 3/12/2016 18:27 | 72.7687616 Winding down 1651 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:27 | 72.7690972 Deploying | 2 | 13650 | 7.71 | 6.52 | 7.74 | 7.95 | 1072 | 884 | 0 | -13 | -11 | -10 | -11 |
| 3/12/2016 18:28 | 72.7694444 Deploying | 2 | 13680 | 7.72 | 6.52 | 7.76 | 7.92 | 0 | 0 | 0 | -9 | -13 | -11 | -13 |
| 3/12/2016 18:28 | 72.7697917 Deploying | 2 | 13710 | 7.73 | 6.52 | 7.78 | 7.92 | 0 | 0 | 0 | -13 | -12 | -11 | -12 |
| 3/12/2016 18:28 | 72.7700231 Winding down 1395 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:29 | 72.7701389 Deploying | 2 | 13740 | 7.75 | 6.57 | 7.79 | 7.92 | 1134 | 896 | 0 | -13 | -9 | -11 | -9 |
| 3/12/2016 18:29 | 72.7704861 Deploying | 2 | 13770 | 7.78 | 6.57 | 7.81 | 7.94 | 0 | 0 | 0 | -14 | -9 | -11 | -9 |
| 3/12/2016 18:30 | 72.7708333 Deploying | 2 | 13800 | 7.77 | 6.57 | 7.83 | 7.92 | 0 | 0 | 0 | -13 | -12 | -11 | -12 |
| 3/12/2016 18:30 | 72.7710301 Winding down 1678 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:30 | 72.7711806 Deploying | 2 | 13830 | 7.8 | 6.64 | 7.84 | 7.94 | 1118 | 895 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 18:31 | 72.7715278 Deploying | 2 | 13860 | 7.85 | 6.64 | 7.86 | 7.95 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 18:31 | 72.7718750 Deploying | 2 | 13890 | 7.85 | 6.64 | 7.88 | 7.9 | 0 | 0 | 0 | -14 | -9 | -11 | -9 |
| 3/12/2016 18:32 | 72.7722222 Deploying | 2 | 13920 | 7.85 | 6.64 | 7.9 | 7.92 | 0 | 0 | 0 | -9 | -12 | -11 | -12 |
| 3/12/2016 18:32 | 72.7724306 Winding down 1367 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:32 | 72.7725694 Deploying | 2 | 13950 | 7.87 | 6.69 | 7.91 | 7.92 | 1071 | 888 | 0 | -9 | -13 | -10 | -13 |
| 3/12/2016 18:33 | 72.7729167 Deploying | 2 | 13980 | 7.9 | 6.69 | 7.93 | 7.92 | 0 | 0 | 0 | -13 | -12 | -11 | -12 |
| 3/12/2016 18:33 | 72.7732639 Deploying | 2 | 14010 | 7.89 | 6.69 | 7.95 | 7.92 | 0 | 0 | 0 | -9 | -15 | -11 | -15 |
| 3/12/2016 18:33 | 72.7734954 Winding down 1745 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:34 | 72.7736111 Deploying | 2 | 14040 | 7.92 | 6.75 | 7.96 | 7.95 | 1126 | 892 | 0 | -12 | -13 | -11 | -13 |
| 3/12/2016 18:34 | 72.7739583 Deploying | 2 | 14070 | 7.95 | 6.75 | 7.98 | 7.92 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/12/2016 18:35 | 72.7743056 Deploying | 2 | 14100 | 7.97 | 6.75 | 8 | 7.94 | 0 | 0 | 0 | -10 | -13 | -11 | -13 |
| 3/12/2016 18:35 | 72.7746528 Deploying | 2 | 14130 | 7.96 | 6.75 | 8.01 | 7.92 | 0 | 0 | 0 | -9 | -11 | -11 | -11 |
| 3/12/2016 18:35 | 72.7747454 Winding down 1325 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:36 | 72.7750000 Deploying | 2 | 14160 | 7.99 | 6.81 | 8.03 | 7.94 | 1167 | 912 | 0 | -10 | -14 | -11 | -14 |
| 3/12/2016 18:36 | 72.7753472 Deploying | 2 | 14190 | 8.01 | 6.81 | 8.05 | 7.9 | 0 | 0 | 0 | -10 | -13 | -11 | -13 |
| 3/12/2016 18:37 | 72.7756944 Deploying | 2 | 14220 | 8.02 | 6.81 | 8.07 | 7.95 | 0 | 0 | 0 | -14 | -9 | -11 | -9 |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:37 | 72.7759259 | Winding down 1545 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:37 | 72.7760417 | Deploying | 2 | 14250 | 8.03 | 6.86 | 8.08 | 7.97 | 1176 | 929 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 18:38 | 72.7763889 | Deploying | 2 | 14280 | 8.07 | 6.86 | 8.1 | 7.92 | 0 | 0 | 0 | -10 | -13 | -12 | -13 |
| 3/12/2016 18:38 | 72.7767361 | Deploying | 2 | 14310 | 8.07 | 6.86 | 8.12 | 7.94 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 18:38 | 72.7770486 | Winding down 1295 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:39 | 72.7770833 | Deploying | 2 | 14340 | 8.08 | 6.91 | 8.13 | 7.94 | 1252 | 938 | 0 | -10 | -11 | -10 | -11 |
| 3/12/2016 18:39 | 72.7774306 | Deploying | 2 | 14370 | 8.12 | 6.91 | 8.15 | 7.94 | 0 | 0 | 0 | -14 | -11 | -11 | -11 |
| 3/12/2016 18:40 | 72.7777778 | Deploying | 2 | 14400 | 8.12 | 6.91 | 8.17 | 7.95 | 0 | 0 | 0 | -11 | -14 | -11 | -14 |
| 3/12/2016 18:40 | 72.7780903 | Winding down 1570 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:40 | 72.7781250 | Deploying | 2 | 14430 | 8.13 | 6.97 | 8.18 | 7.94 | 1136 | 931 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 18:41 | 72.7784722 | Deploying | 2 | 14460 | 8.17 | 6.97 | 8.2 | 7.95 | 0 | 0 | 0 | -14 | -11 | -11 | -11 |
| 3/12/2016 18:41 | 72.7788194 | Deploying | 2 | 14490 | 8.17 | 6.97 | 8.22 | 7.94 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 18:42 | 72.7791667 | Deploying | 2 | 14520 | 8.17 | 6.97 | 8.24 | 7.94 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/12/2016 18:42 | 72.7792245 | Winding down 1708 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:42 | 72.7795139 | Deploying | 2 | 14550 | 8.22 | 7.04 | 8.25 | 7.94 | 1145 | 935 | 0 | -12 | -13 | -11 | -13 |
| 3/12/2016 18:43 | 72.7798611 | Deploying | 2 | 14580 | 8.24 | 7.04 | 8.27 | 7.94 | 0 | 0 | 0 | -10 | -14 | -11 | -14 |
| 3/12/2016 18:43 | 72.7802083 | Deploying | 2 | 14610 | 8.24 | 7.04 | 8.29 | 7.94 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/12/2016 18:43 | 72.7804630 | Winding down 1499 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:44 | 72.7805556 | Deploying | 2 | 14640 | 8.26 | 7.1 | 8.3 | 7.94 | 1221 | 910 | 0 | -10 | -14 | -12 | -14 |
| 3/12/2016 18:44 | 72.7809028 | Deploying | 2 | 14670 | 8.3 | 7.1 | 8.32 | 7.94 | 0 | 0 | 0 | -10 | -13 | -11 | -13 |
| 3/12/2016 18:45 | 72.7812500 | Deploying | 2 | 14700 | 8.3 | 7.1 | 8.34 | 7.98 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 18:45 | 72.7815972 | Deploying | 2 | 14730 | 8.29 | 7.1 | 8.35 | 7.94 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/12/2016 18:45 | 72.7816435 | Winding down 1719 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:46 | 72.7819444 | Deploying | 2 | 14760 | 8.36 | 7.16 | 8.37 | 7.94 | 1232 | 964 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 18:46 | 72.7822917 | Deploying | 2 | 14790 | 8.36 | 7.16 | 8.39 | 7.94 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 18:47 | 72.7826389 | Deploying | 2 | 14820 | 8.37 | 7.16 | 8.41 | 7.94 | 0 | 0 | 0 | -11 | -13 | -11 | -13 |
| 3/12/2016 18:47 | 72.7829861 | Deploying | 2 | 14850 | 8.36 | 7.16 | 8.42 | 7.94 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 18:47 | 72.7831597 | Winding down 1574 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:48 | 72.7833333 | Deploying | 2 | 14880 | 8.4 | 7.22 | 8.44 | 7.95 | 1153 | 930 | 0 | -9 | -12 | -11 | -12 |
| 3/12/2016 18:48 | 72.7836806 | Deploying | 2 | 14910 | 8.42 | 7.22 | 8.46 | 7.94 | 0 | 0 | 0 | -12 | -13 | -11 | -13 |
| 3/12/2016 18:49 | 72.7840278 | Deploying | 2 | 14940 | 8.43 | 7.22 | 8.47 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 18:49 | 72.7843171 | Winding down 1741 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:49 | 72.7843750 | Deploying | 2 | 14970 | 8.43 | 7.29 | 8.49 | 7.95 | 1064 | 901 | 0 | -13 | -10 | -11 | -10 |
| 3/12/2016 18:50 | 72.7847222 | Deploying | 2 | 15000 | 8.49 | 7.29 | 8.51 | 7.92 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/12/2016 18:50 | 72.7850694 | Deploying | 2 | 15030 | 8.5 | 7.29 | 8.52 | 7.95 | 0 | 0 | 0 | -13 | -14 | -11 | -14 |
| 3/12/2016 18:51 | 72.7854167 | Deploying | 2 | 15060 | 8.5 | 7.29 | 8.54 | 7.97 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 18:51 | 72.7857639 | Deploying | 2 | 15090 | 8.49 | 7.29 | 8.56 | 7.92 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 18:51 | 72.7857755 | Winding down 1776 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:52 | 72.7861111 | Deploying | 2 | 15120 | 8.49 | 7.36 | 8.58 | 7.98 | 6 | 2 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 18:52 | 72.7861458 | Winding down 2279 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:52 | 72.7864583 | Deploying | 2 | 15150 | 8.57 | 7.44 | 8.59 | 7.9 | 1150 | 927 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 18:53 | 72.7868056 | Deploying | 2 | 15180 | 8.57 | 7.44 | 8.61 | 7.94 | 0 | 0 | 0 | -14 | -10 | -12 | -10 |
| 3/12/2016 18:53 | 72.7871528 | Deploying | 2 | 15210 | 8.57 | 7.44 | 8.63 | 7.95 | 0 | 0 | 0 | -14 | -10 | -11 | -10 |
| 3/12/2016 18:53 | 72.7871644 | Winding down 1401 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:54 | 72.7875000 | Deploying | 2 | 15240 | 8.62 | 7.5 | 8.64 | 7.9 | 1246 | 943 | 0 | -9 | -12 | -11 | -12 |
| 3/12/2016 18:54 | 72.7878472 | Deploying | 2 | 15270 | 8.63 | 7.5 | 8.66 | 7.94 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 18:55 | 72.7881944 | Deploying | 2 | 15300 | 8.63 | 7.5 | 8.68 | 7.94 | 0 | 0 | 0 | -13 | -12 | -11 | -12 |
| 3/12/2016 18:55 | 72.7885417 | Deploying | 2 | 15330 | 8.63 | 7.5 | 8.69 | 7.95 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 18:55 | 72.7886458 | Winding down 1890 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:56 | 72.7888889 | Deploying | 2 | 15360 | 8.68 | 7.57 | 8.71 | 7.92 | 1264 | 955 | 0 | -10 | -12 | -11 | -12 |
| 3/12/2016 18:56 | 72.7892361 | Deploying | 2 | 15390 | 8.7 | 7.57 | 8.73 | 7.92 | 0 | 0 | 0 | -14 | -11 | -11 | -11 |
| 3/12/2016 18:57 | 72.7895833 | Deploying | 2 | 15420 | 8.7 | 7.57 | 8.75 | 7.92 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 18:57 | 72.7899306 | Deploying | 2 | 15450 | 8.7 | 7.57 | 8.76 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 18:57 | 72.7899653 | Winding down 1580 ticks | 3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:58 | 72.7902778 Deploying | 2 | 15480 | 8.76 | 7.63 | 8.78 | 7.95 | 1112 | 934 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 18:58 | 72.7906250 Deploying | 2 | 15510 | 8.76 | 7.63 | 8.8 | 7.94 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/12/2016 18:59 | 72.7909722 Deploying | 2 | 15540 | 8.76 | 7.63 | 8.81 | 7.92 | 0 | 0 | 0 | -12 | -13 | -11 | -13 |
| 3/12/2016 18:59 | 72.7911458 Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:59 | 72.7913194 Deploying | 2 | 15570 | 8.79 | 7.69 | 8.83 | 7.94 | 1294 | 948 | 0 | -13 | -10 | -11 | -10 |
| 3/12/2016 19:00 | 72.7916667 Deploying | 2 | 15600 | 8.82 | 7.69 | 8.85 | 7.94 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 19:00 | 72.7920139 Deploying | 2 | 15630 | 8.82 | 7.69 | 8.86 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 19:00 | 72.7923380 Winding down 1634 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:01 | 72.7923611 Deploying | 2 | 15660 | 8.82 | 7.75 | 8.88 | 7.86 | 1279 | 949 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 19:01 | 72.7927083 Deploying | 2 | 15690 | 8.89 | 7.75 | 8.9 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 19:02 | 72.7930556 Deploying | 2 | 15720 | 8.88 | 7.75 | 8.92 | 7.92 | 0 | 0 | 0 | -14 | -10 | -11 | -10 |
| 3/12/2016 19:02 | 72.7934028 Deploying | 2 | 15750 | 8.89 | 7.75 | 8.93 | 7.94 | 0 | 0 | 0 | -10 | -13 | -11 | -13 |
| 3/12/2016 19:03 | 72.7937500 Deploying | 2 | 15780 | 8.88 | 7.75 | 8.95 | 7.94 | 0 | 0 | 2 | -16 | 7 | 2 | 7 |
| 3/12/2016 19:03 | 72.7937500 Winding down 1737 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7938773 Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7938773 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7939005 Winding up 1349 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7939236 Winding up 2575 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7939583 Winding up 4500 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7940162 Winding up 7375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7940972 Rewinding | 5 | 15791 | 8.85 | 7.21 | 8.45 | 7.6 | 731 | 593 | | | | | |
| 3/12/2016 19:03 | 72.7941088 Winding up 10899 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7942361 Winding up 13049 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7943981 Winding up 12674 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:04 | 72.7944444 Rewinding | 5 | 15791 | 8.18 | 5.81 | 7.7 | 7.63 | 849 | 653 | | | | | |
| 3/12/2016 19:04 | 72.7945486 Winding up 11725 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:04 | 72.7946875 Winding up 10750 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:04 | 72.7947917 Rewinding | 5 | 15791 | 7.32 | 4.95 | 6.95 | 7.6 | 849 | 225 | | | | | |
| 3/12/2016 19:04 | 72.7948148 Winding up 9600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:04 | 72.7949306 Winding up 8475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:04 | 72.7950347 Winding up 7225 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:04 | 72.7951273 Winding up 6325 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7951389 Rewinding | 5 | 15791 | 6.43 | 3.75 | 6.2 | 7.86 | 830 | 656 | | | | | |
| 3/12/2016 19:05 | 72.7952083 Winding up 5600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7952778 Winding up 4900 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7953356 Winding up 4450 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7953935 Winding up 3975 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7954514 Winding up 3475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7954861 Rewinding | 5 | 15791 | 5.56 | 2.9 | 5.45 | 7.59 | 873 | 688 | | | | | |
| 3/12/2016 19:05 | 72.7954977 Winding up 3150 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7955440 Winding up 2750 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7955787 Winding up 2475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7956134 Winding up 2250 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7956481 Winding up 2000 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7956713 Winding up 1950 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7957060 Winding up 1750 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7957292 Winding up 1725 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7957523 Winding up 1675 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7957755 Winding up 1550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7957986 Winding up 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:05 | 72.7958218 Winding up 1350 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:06 | 72.7958333 Rewinding | 5 | 15791 | 4.73 | 1.99 | 4.7 | 7.84 | 865 | 687 | | | | | |
| 3/12/2016 19:06 | 72.7958449 Winding up 1275 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:06 | 72.7958681 Winding up 1250 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:06 | 72.7959028 Winding up 1275 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7959259 Winding up 1400 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7959491 Winding up 1475 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7959722 Winding up 1550 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7959954 Winding up 1700 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7960185 Winding up 1800 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7960417 Winding up 1850 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7960648 Winding up 1975 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7960995 Winding up 2025 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7961343 Winding up 2250 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7961690 Winding up 2550 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7961806 Rewinding | 5 | 15791 | 4.03 | 1.14 | 3.95 | 7.83 | 868 | 673 |
| 3/12/2016 19:06 | 72.7962037 Winding up 2725 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7962384 Winding up 2900 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7962731 Winding up 2850 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7963079 Winding up 2800 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7963426 Winding up 2700 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7963773 Winding up 2550 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7964120 Winding up 2400 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7964468 Winding up 2275 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7964815 Winding up 2100 ticks | 3 | | | | | | | |
| 3/12/2016 19:06 | 72.7965162 Winding up 1925 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7965278 Rewinding | 5 | 15791 | 3.25 | 0.19 | 3.2 | 7.83 | 894 | 691 |
| 3/12/2016 19:07 | 72.7965394 Winding up 1775 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7965625 Winding up 1600 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7965856 Winding up 1375 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7966088 Winding up 1250 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7966319 Winding up 1475 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7966551 Winding up 1425 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7966782 Winding up 1400 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7967014 Winding up 1400 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7967245 Winding up 1450 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7967477 Winding up 1400 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7967708 Winding up 1450 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7967940 Winding up 1550 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7968171 Winding up 1600 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7968403 Winding up 1600 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7968634 Winding up 1575 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7968750 Rewinding | 5 | 15791 | 2.49 | -0.65 | 2.45 | 7.83 | 884 | 685 |
| 3/12/2016 19:07 | 72.7968866 Winding up 1625 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7969097 Winding up 1675 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7969329 Winding up 1775 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7969560 Winding up 1900 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7969792 Winding up 1650 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7970023 Winding up 1650 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7970255 Winding up 1600 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7970486 Winding up 1550 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7970718 Winding up 1500 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7970949 Winding up 1475 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7971181 Winding up 1375 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7971412 Winding up 1300 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7971644 Winding up 1250 ticks | 3 | | | | | | | |
| 3/12/2016 19:07 | 72.7971875 Winding up 1250 ticks | 3 | | | | | | | |
| 3/12/2016 19:08 | 72.7972222 Rewinding | 5 | 15791 | 1.73 | -1.46 | 1.7 | 7.84 | 891 | 690 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:08 | 72.7972222 Winding up 1250 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7972454 Winding up 1350 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7972685 Winding up 1400 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7972917 Winding up 1475 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7973148 Winding up 1525 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7973380 Winding up 1650 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7973611 Winding up 1800 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7973843 Winding up 1975 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7974190 Winding up 2100 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7974537 Winding up 2350 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7974769 Winding up 2500 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7974884 Winding up 2575 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7975000 Winding up 2675 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7975116 Winding up 2800 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7975231 Winding up 2975 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7975347 Winding up 3175 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7975463 Winding up 3350 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7975579 Winding up 3625 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7975694 Rewinding | 5 | 15791 | 1.08 | -2.14 | 0.95 | 7.81 | 981 | 966 |
| 3/12/2016 19:08 | 72.7975694 Winding up 3900 ticks | 3 | | | | | | |
| 3/12/2016 19:08 | 72.7975810 Overcurrent (motor jam) condition detected | 5 | | | | | | |
| 3/12/2016 19:08 | 72.7975810 State 5 (FINISHED) | 5 | | | | | | |

DPS7-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:00 | 73.1666667 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/13/2016 4:00 | 73.1666667 | Waiting to start | 5 | battery 8.37V | | | | | | | | | | | |
| 3/13/2016 4:00 | 73.1670139 | Deploying | 2 | 30 | 0.92 | 0 | 0.02 | 8.38 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:01 | 73.1673611 | Deploying | 2 | 60 | 0.91 | 0 | 0.04 | 8.37 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:01 | 73.1677083 | Deploying | 2 | 90 | 0.91 | 0 | 0.06 | 8.38 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:02 | 73.1680556 | Deploying | 2 | 120 | 0.91 | 0 | 0.08 | 8.37 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:02 | 73.1684028 | Deploying | 2 | 150 | 0.91 | 0 | 0.09 | 8.35 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:03 | 73.1687500 | Deploying | 2 | 180 | 0.91 | 0 | 0.11 | 8.35 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:03 | 73.1690972 | Deploying | 2 | 210 | 0.91 | 0 | 0.13 | 8.37 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:04 | 73.1694444 | Deploying | 2 | 240 | 0.91 | 0 | 0.14 | 8.37 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:04 | 73.1697917 | Deploying | 2 | 270 | 0.91 | 0 | 0.16 | 8.35 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:05 | 73.1701389 | Deploying | 2 | 300 | 0.91 | 0 | 0.18 | 8.37 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:05 | 73.1704861 | Deploying | 2 | 330 | 0.91 | 0 | 0.19 | 8.4 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:06 | 73.1708333 | Deploying | 2 | 360 | 0.91 | 0 | 0.21 | 8.35 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:06 | 73.1711806 | Deploying | 2 | 390 | 0.91 | 0 | 0.23 | 8.35 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:07 | 73.1715278 | Deploying | 2 | 420 | 0.91 | 0 | 0.25 | 8.35 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:07 | 73.1718750 | Deploying | 2 | 450 | 0.91 | 0 | 0.26 | 8.37 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:08 | 73.1722222 | Deploying | 2 | 480 | 0.9 | 0 | 0.28 | 8.37 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:08 | 73.1725694 | Deploying | 2 | 510 | 0.9 | 0 | 0.3 | 8.35 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:09 | 73.1729167 | Deploying | 2 | 540 | 0.91 | 0 | 0.31 | 8.32 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:09 | 73.1732639 | Deploying | 2 | 570 | 0.91 | 0 | 0.33 | 8.38 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:10 | 73.1736111 | Deploying | 2 | 600 | 0.9 | 0 | 0.35 | 8.37 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:10 | 73.1739583 | Deploying | 2 | 630 | 0.9 | 0 | 0.36 | 8.4 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:11 | 73.1743056 | Deploying | 2 | 660 | 0.9 | 0 | 0.38 | 8.37 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:11 | 73.1746528 | Deploying | 2 | 690 | 0.9 | 0 | 0.4 | 8.4 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:12 | 73.1750000 | Deploying | 2 | 720 | 0.91 | 0 | 0.42 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:12 | 73.1753472 | Deploying | 2 | 750 | 0.91 | 0 | 0.43 | 8.37 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:13 | 73.1756944 | Deploying | 2 | 780 | 0.91 | 0 | 0.45 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:13 | 73.1760417 | Deploying | 2 | 810 | 0.91 | 0 | 0.47 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:14 | 73.1763889 | Deploying | 2 | 840 | 0.91 | 0 | 0.48 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:14 | 73.1767361 | Deploying | 2 | 870 | 0.91 | 0 | 0.5 | 8.37 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:15 | 73.1770833 | Deploying | 2 | 900 | 0.9 | 0 | 0.52 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:15 | 73.1774306 | Deploying | 2 | 930 | 0.9 | 0 | 0.53 | 8.37 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:16 | 73.1777778 | Deploying | 2 | 960 | 0.9 | 0 | 0.55 | 8.37 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:16 | 73.1781250 | Deploying | 2 | 990 | 0.9 | 0 | 0.57 | 8.33 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:17 | 73.1784722 | Deploying | 2 | 1020 | 0.9 | 0 | 0.59 | 8.37 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:17 | 73.1788194 | Deploying | 2 | 1050 | 0.91 | 0 | 0.6 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:18 | 73.1791667 | Deploying | 2 | 1080 | 0.9 | 0 | 0.62 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:18 | 73.1795139 | Deploying | 2 | 1110 | 0.9 | 0 | 0.64 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:19 | 73.1798611 | Deploying | 2 | 1140 | 0.9 | 0 | 0.65 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:19 | 73.1802083 | Deploying | 2 | 1170 | 0.9 | 0 | 0.67 | 8.33 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:20 | 73.1805556 | Deploying | 2 | 1200 | 0.9 | 0 | 0.69 | 8.35 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:20 | 73.1809028 | Deploying | 2 | 1230 | 0.91 | 0 | 0.7 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:21 | 73.1812500 | Deploying | 2 | 1260 | 0.91 | 0 | 0.72 | 8.33 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:21 | 73.1815972 | Deploying | 2 | 1290 | 0.91 | 0 | 0.74 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:22 | 73.1819444 | Deploying | 2 | 1320 | 0.91 | 0 | 0.76 | 8.35 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:22 | 73.1822917 | Deploying | 2 | 1350 | 0.9 | 0 | 0.77 | 8.3 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:23 | 73.1826389 | Deploying | 2 | 1380 | 0.91 | 0 | 0.79 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:23 | 73.1829861 | Deploying | 2 | 1410 | 0.9 | 0 | 0.81 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:24 | 73.1833333 | Deploying | 2 | 1440 | 0.9 | 0 | 0.82 | 8.35 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:24 | 73.1836806 | Deploying | 2 | 1470 | 0.9 | 0 | 0.84 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:25 | 73.1840278 | Deploying | 2 | 1500 | 0.91 | 0 | 0.86 | 8.35 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:25 | 73.1843750 | Deploying | 2 | 1530 | 0.9 | 0 | 0.87 | 8.32 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |

| Date | Value | Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/13/2016 4:26 | 73.1847222 | Deploying | 2 | 1560 | 0.91 | 0 | 0.89 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:26 | 73.1850694 | Deploying | 2 | 1590 | 0.91 | 0 | 0.91 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:27 | 73.1854167 | Deploying | 2 | 1620 | 0.91 | 0 | 0.93 | 8.3 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:27 | 73.1857639 | Deploying | 2 | 1650 | 0.9 | 0 | 0.94 | 8.33 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:28 | 73.1861111 | Deploying | 2 | 1680 | 0.91 | 0 | 0.96 | 8.35 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:28 | 73.1864583 | Deploying | 2 | 1710 | 0.9 | 0 | 0.98 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:28 | 73.1864931 | Winding down 1980 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:29 | 73.1868056 | Deploying | 2 | 1740 | 0.98 | 0.07 | 0.99 | 8.32 | 1427 | 1103 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:29 | 73.1871528 | Deploying | 2 | 1770 | 0.98 | 0.07 | 1.01 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:30 | 73.1875000 | Deploying | 2 | 1800 | 0.98 | 0.07 | 1.03 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:30 | 73.1877546 | Winding down 1549 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:30 | 73.1878472 | Deploying | 2 | 1830 | 1 | 0.13 | 1.04 | 8.35 | 1556 | 1165 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:31 | 73.1881944 | Deploying | 2 | 1860 | 1.05 | 0.13 | 1.06 | 8.33 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:31 | 73.1885417 | Deploying | 2 | 1890 | 1.05 | 0.13 | 1.08 | 8.35 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:32 | 73.1888889 | Deploying | 2 | 1920 | 1.05 | 0.13 | 1.1 | 8.33 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:32 | 73.1892361 | Deploying | 2 | 1950 | 1.05 | 0.13 | 1.11 | 8.33 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:32 | 73.1892593 | Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:33 | 73.1895833 | Deploying | 2 | 1980 | 1.12 | 0.2 | 1.13 | 8.35 | 1485 | 1157 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:33 | 73.1899306 | Deploying | 2 | 2010 | 1.12 | 0.2 | 1.15 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:34 | 73.1902778 | Deploying | 2 | 2040 | 1.12 | 0.2 | 1.16 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:34 | 73.1906019 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:34 | 73.1906250 | Deploying | 2 | 2070 | 1.12 | 0.26 | 1.18 | 8.29 | 1558 | 1164 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:35 | 73.1909722 | Deploying | 2 | 2100 | 1.19 | 0.26 | 1.2 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:35 | 73.1913194 | Deploying | 2 | 2130 | 1.19 | 0.26 | 1.21 | 8.32 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:36 | 73.1916667 | Deploying | 2 | 2160 | 1.18 | 0.26 | 1.23 | 8.37 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:36 | 73.1919329 | Winding down 1413 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:36 | 73.1920139 | Deploying | 2 | 2190 | 1.2 | 0.31 | 1.25 | 8.35 | 1568 | 1195 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:37 | 73.1923611 | Deploying | 2 | 2220 | 1.25 | 0.31 | 1.27 | 8.32 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:37 | 73.1927083 | Deploying | 2 | 2250 | 1.25 | 0.31 | 1.28 | 8.3 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:38 | 73.1930556 | Deploying | 2 | 2280 | 1.25 | 0.31 | 1.3 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:38 | 73.1932870 | Winding down 1770 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:38 | 73.1934028 | Deploying | 2 | 2310 | 1.26 | 0.38 | 1.32 | 8.33 | 1557 | 1192 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:39 | 73.1937500 | Deploying | 2 | 2340 | 1.32 | 0.38 | 1.33 | 8.33 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:39 | 73.1940972 | Deploying | 2 | 2370 | 1.31 | 0.38 | 1.35 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:40 | 73.1944444 | Deploying | 2 | 2400 | 1.31 | 0.38 | 1.37 | 8.3 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:40 | 73.1944444 | Winding down 1387 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:40 | 73.1947917 | Deploying | 2 | 2430 | 1.38 | 0.43 | 1.38 | 8.37 | 1541 | 1185 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:41 | 73.1951389 | Deploying | 2 | 2460 | 1.38 | 0.43 | 1.4 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:41 | 73.1954861 | Deploying | 2 | 2490 | 1.37 | 0.43 | 1.42 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:42 | 73.1958333 | Deploying | 2 | 2520 | 1.38 | 0.43 | 1.44 | 8.32 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:42 | 73.1959606 | Winding down 1468 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:42 | 73.1961806 | Deploying | 2 | 2550 | 1.42 | 0.48 | 1.45 | 8.35 | 1581 | 1173 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:43 | 73.1965278 | Deploying | 2 | 2580 | 1.44 | 0.48 | 1.47 | 8.32 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:43 | 73.1968750 | Deploying | 2 | 2610 | 1.44 | 0.48 | 1.49 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:43 | 73.1971065 | Winding down 1445 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:44 | 73.1972222 | Deploying | 2 | 2640 | 1.46 | 0.54 | 1.5 | 8.3 | 1590 | 1207 | 1 | -8 | -8 | -5 | -8 |
| 3/13/2016 4:44 | 73.1975694 | Deploying | 2 | 2670 | 1.5 | 0.54 | 1.52 | 8.35 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:45 | 73.1979167 | Deploying | 2 | 2700 | 1.5 | 0.54 | 1.54 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:45 | 73.1982639 | Deploying | 2 | 2730 | 1.5 | 0.54 | 1.55 | 8.32 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:45 | 73.1984259 | Winding down 1785 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 4:46 | 73.1986111 | Deploying | 2 | 2760 | 1.53 | 0.61 | 1.57 | 8.32 | 1549 | 1185 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:46 | 73.1989583 | Deploying | 2 | 2790 | 1.57 | 0.61 | 1.59 | 8.33 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:47 | 73.1993056 | Deploying | 2 | 2820 | 1.56 | 0.61 | 1.61 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:47 | 73.1996528 | Deploying | 2 | 2850 | 1.58 | 0.61 | 1.62 | 8.32 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |

| Date/Time | Value / Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 4:47 | 73.1999190 Winding down 1563 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 4:48 | 73.2000000 Deploying | 2 | 2880 | 1.59 | 0.66 | 1.64 | 8.3 | 1500 | 1163 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 4:48 | 73.2003472 Deploying | 2 | 2910 | 1.64 | 0.66 | 1.66 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:49 | 73.2006944 Deploying | 2 | 2940 | 1.64 | 0.66 | 1.67 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:49 | 73.2010417 Deploying | 2 | 2970 | 1.63 | 0.66 | 1.69 | 8.33 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 4:49 | 73.2011227 Winding down 1486 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 4:50 | 73.2013889 Deploying | 2 | 3000 | 1.69 | 0.72 | 1.71 | 8.32 | 1541 | 1189 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:50 | 73.2017361 Deploying | 2 | 3030 | 1.7 | 0.72 | 1.72 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:51 | 73.2020833 Deploying | 2 | 3060 | 1.69 | 0.72 | 1.74 | 8.32 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 4:51 | 73.2023148 Winding down 1470 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 4:51 | 73.2024306 Deploying | 2 | 3090 | 1.71 | 0.78 | 1.76 | 8.32 | 1495 | 1160 | 0 | -9 | -6 | -7 | -6 |
| 3/13/2016 4:52 | 73.2027778 Deploying | 2 | 3120 | 1.76 | 0.78 | 1.78 | 8.3 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 4:52 | 73.2031250 Deploying | 2 | 3150 | 1.76 | 0.78 | 1.79 | 8.3 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 4:53 | 73.2034722 Deploying | 2 | 3180 | 1.76 | 0.78 | 1.81 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:53 | 73.2036806 Winding down 1692 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 4:53 | 73.2038194 Deploying | 2 | 3210 | 1.78 | 0.84 | 1.83 | 8.33 | 1545 | 1189 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:54 | 73.2041667 Deploying | 2 | 3240 | 1.83 | 0.84 | 1.84 | 8.33 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 4:54 | 73.2045139 Deploying | 2 | 3270 | 1.83 | 0.84 | 1.86 | 8.3 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 4:55 | 73.2048611 Deploying | 2 | 3300 | 1.83 | 0.84 | 1.88 | 8.32 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:55 | 73.2051505 Winding down 1516 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 4:55 | 73.2052083 Deploying | 2 | 3330 | 1.84 | 0.9 | 1.89 | 8.33 | 1538 | 1177 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 4:56 | 73.2055556 Deploying | 2 | 3360 | 1.9 | 0.9 | 1.91 | 8.33 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 4:56 | 73.2059028 Deploying | 2 | 3390 | 1.89 | 0.9 | 1.93 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:57 | 73.2062500 Deploying | 2 | 3420 | 1.89 | 0.9 | 1.95 | 8.3 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:57 | 73.2063773 Winding down 1568 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 4:57 | 73.2065972 Deploying | 2 | 3450 | 1.93 | 0.96 | 1.96 | 8.29 | 1526 | 1185 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:58 | 73.2069444 Deploying | 2 | 3480 | 1.95 | 0.96 | 1.98 | 8.27 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 4:58 | 73.2072917 Deploying | 2 | 3510 | 1.96 | 0.96 | 2 | 8.33 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 4:59 | 73.2076389 Deploying | 2 | 3540 | 1.96 | 0.96 | 2.01 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 4:59 | 73.2077894 Winding down 1746 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 4:59 | 73.2079861 Deploying | 2 | 3570 | 1.99 | 1.02 | 2.03 | 8.33 | 1544 | 1183 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:00 | 73.2083333 Deploying | 2 | 3600 | 2.03 | 1.02 | 2.05 | 8.32 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:00 | 73.2086806 Deploying | 2 | 3630 | 2.03 | 1.02 | 2.06 | 8.32 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:01 | 73.2090278 Deploying | 2 | 3660 | 2.03 | 1.02 | 2.08 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:01 | 73.2092824 Winding down 1699 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 5:01 | 73.2093750 Deploying | 2 | 3690 | 2.04 | 1.09 | 2.1 | 8.32 | 1548 | 1186 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:02 | 73.2097222 Deploying | 2 | 3720 | 2.09 | 1.09 | 2.12 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:02 | 73.2100694 Deploying | 2 | 3750 | 2.1 | 1.09 | 2.13 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:03 | 73.2104167 Deploying | 2 | 3780 | 2.09 | 1.09 | 2.15 | 8.3 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:03 | 73.2105440 Winding down 1493 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 5:03 | 73.2107639 Deploying | 2 | 3810 | 2.14 | 1.14 | 2.17 | 8.29 | 1565 | 1182 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:04 | 73.2111111 Deploying | 2 | 3840 | 2.17 | 1.14 | 2.18 | 8.32 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:04 | 73.2114583 Deploying | 2 | 3870 | 2.16 | 1.14 | 2.2 | 8.33 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:05 | 73.2118056 Deploying | 2 | 3900 | 2.16 | 1.14 | 2.22 | 8.33 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:05 | 73.2119097 Winding down 1465 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 5:05 | 73.2121528 Deploying | 2 | 3930 | 2.2 | 1.2 | 2.23 | 8.33 | 1545 | 1182 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:06 | 73.2125000 Deploying | 2 | 3960 | 2.23 | 1.2 | 2.25 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:06 | 73.2128472 Deploying | 2 | 3990 | 2.21 | 1.2 | 2.27 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:06 | 73.2130093 Winding down 1385 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 5:07 | 73.2131944 Deploying | 2 | 4020 | 2.25 | 1.25 | 2.29 | 8.3 | 1542 | 1183 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:07 | 73.2135417 Deploying | 2 | 4050 | 2.28 | 1.25 | 2.3 | 8.3 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:08 | 73.2138889 Deploying | 2 | 4080 | 2.27 | 1.25 | 2.32 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:08 | 73.2142361 Deploying | 2 | 4110 | 2.27 | 1.25 | 2.34 | 8.27 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:08 | 73.2142361 Winding down 1687 ticks | 3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:09 | 73.2145833 Deploying | 2 | 4140 | 2.35 | 1.31 | 2.35 | 8.32 | 1600 | 1182 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:09 | 73.2149306 Deploying | 2 | 4170 | 2.35 | 1.31 | 2.37 | 8.3 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:10 | 73.2152778 Deploying | 2 | 4200 | 2.35 | 1.31 | 2.39 | 8.3 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:10 | 73.2156250 Deploying | 2 | 4230 | 2.34 | 1.31 | 2.4 | 8.29 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:10 | 73.2157523 Winding down 1693 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:11 | 73.2159722 Deploying | 2 | 4260 | 2.39 | 1.38 | 2.42 | 8.29 | 1553 | 1181 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 5:11 | 73.2163194 Deploying | 2 | 4290 | 2.42 | 1.38 | 2.44 | 8.3 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |
| 3/13/2016 5:12 | 73.2166667 Deploying | 2 | 4320 | 2.42 | 1.38 | 2.46 | 8.29 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:12 | 73.2170139 Deploying | 2 | 4350 | 2.42 | 1.38 | 2.47 | 8.29 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 5:12 | 73.2171759 Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:13 | 73.2173611 Deploying | 2 | 4380 | 2.45 | 1.44 | 2.49 | 8.27 | 1603 | 1175 | 0 | -7 | -10 | -7 | -10 |
| 3/13/2016 5:13 | 73.2177083 Deploying | 2 | 4410 | 2.5 | 1.44 | 2.51 | 8.29 | 0 | 0 | 0 | -6 | -8 | -7 | -8 |
| 3/13/2016 5:14 | 73.2180556 Deploying | 2 | 4440 | 2.5 | 1.44 | 2.52 | 8.25 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:14 | 73.2184028 Deploying | 2 | 4470 | 2.49 | 1.44 | 2.54 | 8.3 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 5:14 | 73.2185880 Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:15 | 73.2187500 Deploying | 2 | 4500 | 2.52 | 1.51 | 2.56 | 8.32 | 1548 | 1195 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 5:15 | 73.2190972 Deploying | 2 | 4530 | 2.55 | 1.51 | 2.57 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:16 | 73.2194444 Deploying | 2 | 4560 | 2.56 | 1.51 | 2.59 | 8.29 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:16 | 73.2197917 Deploying | 2 | 4590 | 2.55 | 1.51 | 2.61 | 8.29 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 5:16 | 73.2199884 Winding down 1728 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:17 | 73.2201389 Deploying | 2 | 4620 | 2.59 | 1.57 | 2.63 | 8.3 | 1561 | 1200 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:17 | 73.2204861 Deploying | 2 | 4650 | 2.63 | 1.57 | 2.64 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:18 | 73.2208333 Deploying | 2 | 4680 | 2.63 | 1.57 | 2.66 | 8.29 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:18 | 73.2211806 Deploying | 2 | 4710 | 2.62 | 1.57 | 2.68 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:18 | 73.2213773 Winding down 1378 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:19 | 73.2215278 Deploying | 2 | 4740 | 2.66 | 1.62 | 2.69 | 8.32 | 1468 | 1153 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:19 | 73.2218750 Deploying | 2 | 4770 | 2.68 | 1.62 | 2.71 | 8.27 | 0 | 0 | 0 | -10 | -8 | -7 | -8 |
| 3/13/2016 5:20 | 73.2222222 Deploying | 2 | 4800 | 2.68 | 1.62 | 2.73 | 8.29 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 5:20 | 73.2224884 Winding down 1388 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:20 | 73.2225694 Deploying | 2 | 4830 | 2.7 | 1.68 | 2.74 | 8.27 | 1544 | 1178 | 0 | -6 | -9 | -7 | -9 |
| 3/13/2016 5:21 | 73.2229167 Deploying | 2 | 4860 | 2.74 | 1.68 | 2.76 | 8.27 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 5:21 | 73.2232639 Deploying | 2 | 4890 | 2.74 | 1.68 | 2.78 | 8.27 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:22 | 73.2236111 Deploying | 2 | 4920 | 2.74 | 1.68 | 2.8 | 8.25 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:22 | 73.2239120 Winding down 1830 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:22 | 73.2239583 Deploying | 2 | 4950 | 2.75 | 1.75 | 2.81 | 8.27 | 1501 | 1168 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 5:23 | 73.2243056 Deploying | 2 | 4980 | 2.81 | 1.75 | 2.83 | 8.25 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:23 | 73.2246528 Deploying | 2 | 5010 | 2.82 | 1.75 | 2.85 | 8.29 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:24 | 73.2250000 Deploying | 2 | 5040 | 2.82 | 1.75 | 2.86 | 8.27 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:24 | 73.2253472 Deploying | 2 | 5070 | 2.82 | 1.75 | 2.88 | 8.24 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 5:24 | 73.2253472 Winding down 1512 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:25 | 73.2256944 Deploying | 2 | 5100 | 2.88 | 1.8 | 2.9 | 8.27 | 1598 | 1172 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:25 | 73.2260417 Deploying | 2 | 5130 | 2.88 | 1.8 | 2.91 | 8.32 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 5:26 | 73.2263889 Deploying | 2 | 5160 | 2.88 | 1.8 | 2.93 | 8.29 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:26 | 73.2265856 Winding down 1728 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:26 | 73.2267361 Deploying | 2 | 5190 | 2.91 | 1.87 | 2.95 | 8.29 | 1549 | 1190 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:27 | 73.2270833 Deploying | 2 | 5220 | 2.95 | 1.87 | 2.97 | 8.27 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 3/13/2016 5:27 | 73.2274306 Deploying | 2 | 5250 | 2.95 | 1.87 | 2.98 | 8.3 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:28 | 73.2277778 Deploying | 2 | 5280 | 2.96 | 1.87 | 3 | 8.3 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 5:28 | 73.2280903 Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:28 | 73.2281250 Deploying | 2 | 5310 | 2.96 | 1.93 | 3.02 | 8.3 | 1621 | 1189 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 5:29 | 73.2284722 Deploying | 2 | 5340 | 3.02 | 1.93 | 3.03 | 8.3 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 5:29 | 73.2288194 Deploying | 2 | 5370 | 3.01 | 1.93 | 3.05 | 8.3 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 5:30 | 73.2291667 Deploying | 2 | 5400 | 3.01 | 1.93 | 3.07 | 8.29 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:30 | 73.2293056 Winding down 1632 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:30 | 73.2295139 | Deploying | 2 | 5430 | 3.05 | 1.99 | 3.08 | 8.25 | 1538 | 1177 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:31 | 73.2298611 | Deploying | 2 | 5460 | 3.08 | 1.99 | 3.1 | 8.29 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:31 | 73.2302083 | Deploying | 2 | 5490 | 3.09 | 1.99 | 3.12 | 8.29 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:32 | 73.2305556 | Deploying | 2 | 5520 | 3.08 | 1.99 | 3.14 | 8.3 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:32 | 73.2307060 | Winding down 1696 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:32 | 73.2309028 | Deploying | 2 | 5550 | 3.12 | 2.06 | 3.15 | 8.29 | 1507 | 1169 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 5:33 | 73.2312500 | Deploying | 2 | 5580 | 3.15 | 2.06 | 3.17 | 8.25 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 5:33 | 73.2315972 | Deploying | 2 | 5610 | 3.16 | 2.06 | 3.19 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:34 | 73.2319444 | Deploying | 2 | 5640 | 3.16 | 2.06 | 3.2 | 8.29 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:34 | 73.2322685 | Winding down 1609 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:34 | 73.2322917 | Deploying | 2 | 5670 | 3.16 | 2.12 | 3.22 | 8.17 | 1518 | 1166 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:35 | 73.2326389 | Deploying | 2 | 5700 | 3.21 | 2.12 | 3.24 | 8.29 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:35 | 73.2329861 | Deploying | 2 | 5730 | 3.21 | 2.12 | 3.25 | 8.25 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:36 | 73.2333333 | Deploying | 2 | 5760 | 3.22 | 2.12 | 3.27 | 8.27 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:36 | 73.2333565 | Winding down 1390 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:36 | 73.2336806 | Deploying | 2 | 5790 | 3.27 | 2.17 | 3.29 | 8.27 | 1557 | 1187 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:37 | 73.2340278 | Deploying | 2 | 5820 | 3.27 | 2.17 | 3.31 | 8.27 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:37 | 73.2343750 | Deploying | 2 | 5850 | 3.27 | 2.17 | 3.32 | 8.27 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:37 | 73.2346181 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:38 | 73.2347222 | Deploying | 2 | 5880 | 3.29 | 2.23 | 3.34 | 8.29 | 1511 | 1175 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:38 | 73.2350694 | Deploying | 2 | 5910 | 3.33 | 2.23 | 3.36 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:39 | 73.2354167 | Deploying | 2 | 5940 | 3.34 | 2.23 | 3.37 | 8.27 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:39 | 73.2357639 | Deploying | 2 | 5970 | 3.33 | 2.23 | 3.39 | 8.29 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:39 | 73.2358912 | Winding down 1693 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:40 | 73.2361111 | Deploying | 2 | 6000 | 3.37 | 2.29 | 3.41 | 8.27 | 1529 | 1172 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:40 | 73.2364583 | Deploying | 2 | 6030 | 3.41 | 2.29 | 3.42 | 8.25 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:41 | 73.2368056 | Deploying | 2 | 6060 | 3.41 | 2.29 | 3.44 | 8.29 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:41 | 73.2371528 | Deploying | 2 | 6090 | 3.41 | 2.29 | 3.46 | 8.25 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:41 | 73.2372917 | Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:42 | 73.2375000 | Deploying | 2 | 6120 | 3.44 | 2.35 | 3.48 | 8.25 | 1508 | 1163 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:42 | 73.2378472 | Deploying | 2 | 6150 | 3.46 | 2.35 | 3.49 | 8.27 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:43 | 73.2381944 | Deploying | 2 | 6180 | 3.47 | 2.35 | 3.51 | 8.27 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:43 | 73.2385417 | Deploying | 2 | 6210 | 3.47 | 2.35 | 3.53 | 8.29 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:43 | 73.2385764 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:44 | 73.2388889 | Deploying | 2 | 6240 | 3.52 | 2.41 | 3.54 | 8.27 | 1555 | 1178 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:44 | 73.2392361 | Deploying | 2 | 6270 | 3.54 | 2.41 | 3.56 | 8.29 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:45 | 73.2395833 | Deploying | 2 | 6300 | 3.53 | 2.41 | 3.58 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:45 | 73.2399306 | Deploying | 2 | 6330 | 3.53 | 2.41 | 3.59 | 8.29 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:45 | 73.2399653 | Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:46 | 73.2402778 | Deploying | 2 | 6360 | 3.6 | 2.48 | 3.61 | 8.29 | 1562 | 1180 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:46 | 73.2406250 | Deploying | 2 | 6390 | 3.61 | 2.48 | 3.63 | 8.27 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:47 | 73.2409722 | Deploying | 2 | 6420 | 3.6 | 2.48 | 3.65 | 8.29 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 5:47 | 73.2413194 | Deploying | 2 | 6450 | 3.6 | 2.48 | 3.66 | 8.25 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:47 | 73.2413194 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:48 | 73.2416667 | Deploying | 2 | 6480 | 3.66 | 2.54 | 3.68 | 8.25 | 1590 | 1181 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:48 | 73.2420139 | Deploying | 2 | 6510 | 3.67 | 2.54 | 3.7 | 8.27 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:49 | 73.2423611 | Deploying | 2 | 6540 | 3.67 | 2.54 | 3.71 | 8.25 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:49 | 73.2426620 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:49 | 73.2427083 | Deploying | 2 | 6570 | 3.67 | 2.6 | 3.73 | 8.25 | 1539 | 1160 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:50 | 73.2430556 | Deploying | 2 | 6600 | 3.73 | 2.6 | 3.75 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:50 | 73.2434028 | Deploying | 2 | 6630 | 3.73 | 2.6 | 3.76 | 8.29 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:51 | 73.2437500 | Deploying | 2 | 6660 | 3.73 | 2.6 | 3.78 | 8.25 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 5:51 | 73.2438889 | Winding down 1607 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:51 | 73.2440972 | Deploying | 2 | 6690 | 3.76 | 2.66 | 3.8 | 8.25 | 1578 | 1162 | 0 | -8 | -8 | -7 | -8 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:52 | 73.2444444 | Deploying | 2 | 6720 | 3.8 | 2.66 | 3.82 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:52 | 73.2447917 | Deploying | 2 | 6750 | 3.8 | 2.66 | 3.83 | 8.25 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:53 | 73.2451389 | Deploying | 2 | 6780 | 3.8 | 2.66 | 3.85 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:53 | 73.2452199 | Winding down 1311 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:53 | 73.2454861 | Deploying | 2 | 6810 | 3.84 | 2.71 | 3.87 | 8.24 | 1535 | 1170 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:54 | 73.2458333 | Deploying | 2 | 6840 | 3.85 | 2.71 | 3.88 | 8.25 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:54 | 73.2461806 | Deploying | 2 | 6870 | 3.85 | 2.71 | 3.9 | 8.27 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:54 | 73.2464931 | Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:55 | 73.2465278 | Deploying | 2 | 6900 | 3.86 | 2.77 | 3.92 | 8.29 | 1530 | 1176 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:55 | 73.2468750 | Deploying | 2 | 6930 | 3.92 | 2.77 | 3.93 | 8.3 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:56 | 73.2472222 | Deploying | 2 | 6960 | 3.93 | 2.77 | 3.95 | 8.29 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 5:56 | 73.2475694 | Deploying | 2 | 6990 | 3.92 | 2.77 | 3.97 | 8.25 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:56 | 73.2477662 | Winding down 1303 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:57 | 73.2479167 | Deploying | 2 | 7020 | 3.95 | 2.82 | 3.99 | 8.25 | 1575 | 1171 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:57 | 73.2482639 | Deploying | 2 | 7050 | 3.97 | 2.82 | 4 | 8.27 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 5:58 | 73.2486111 | Deploying | 2 | 7080 | 3.98 | 2.82 | 4.02 | 8.29 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:58 | 73.2489583 | Deploying | 2 | 7110 | 3.97 | 2.82 | 4.04 | 8.27 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 5:58 | 73.2490278 | Winding down 1822 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:59 | 73.2493056 | Deploying | 2 | 7140 | 4.02 | 2.89 | 4.05 | 8.24 | 1542 | 1184 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 5:59 | 73.2496528 | Deploying | 2 | 7170 | 4.04 | 2.89 | 4.07 | 8.27 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:00 | 73.2500000 | Deploying | 2 | 7200 | 4.04 | 2.89 | 4.09 | 8.24 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:00 | 73.2502546 | Winding down 1524 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:00 | 73.2503472 | Deploying | 2 | 7230 | 4.06 | 2.95 | 4.1 | 8.29 | 1541 | 1170 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:01 | 73.2506944 | Deploying | 2 | 7260 | 4.11 | 2.95 | 4.12 | 8.25 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:01 | 73.2510417 | Deploying | 2 | 7290 | 4.11 | 2.95 | 4.14 | 8.24 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:02 | 73.2513889 | Deploying | 2 | 7320 | 4.11 | 2.95 | 4.16 | 8.25 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 6:02 | 73.2517361 | Deploying | 2 | 7350 | 4.1 | 2.95 | 4.17 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:02 | 73.2517593 | Winding down 1790 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:03 | 73.2520833 | Deploying | 2 | 7380 | 4.16 | 3.01 | 4.19 | 8.25 | 1562 | 1163 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:03 | 73.2524306 | Deploying | 2 | 7410 | 4.17 | 3.01 | 4.21 | 8.25 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:04 | 73.2527778 | Deploying | 2 | 7440 | 4.17 | 3.01 | 4.22 | 8.25 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 6:04 | 73.2528819 | Winding down 1390 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:04 | 73.2531250 | Deploying | 2 | 7470 | 4.21 | 3.07 | 4.24 | 8.25 | 1610 | 1199 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:05 | 73.2534722 | Deploying | 2 | 7500 | 4.23 | 3.07 | 4.26 | 8.25 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 6:05 | 73.2538194 | Deploying | 2 | 7530 | 4.23 | 3.07 | 4.27 | 8.25 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:06 | 73.2541667 | Deploying | 2 | 7560 | 4.24 | 3.07 | 4.29 | 8.25 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:06 | 73.2542593 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:06 | 73.2545139 | Deploying | 2 | 7590 | 4.28 | 3.13 | 4.31 | 8.29 | 1544 | 1177 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:07 | 73.2548611 | Deploying | 2 | 7620 | 4.29 | 3.13 | 4.33 | 8.25 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:07 | 73.2552083 | Deploying | 2 | 7650 | 4.28 | 3.13 | 4.34 | 8.27 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:07 | 73.2553704 | Winding down 1685 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:08 | 73.2555556 | Deploying | 2 | 7680 | 4.33 | 3.19 | 4.36 | 8.27 | 1636 | 1199 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:08 | 73.2559028 | Deploying | 2 | 7710 | 4.36 | 3.19 | 4.38 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:09 | 73.2562500 | Deploying | 2 | 7740 | 4.36 | 3.19 | 4.39 | 8.25 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 6:09 | 73.2565972 | Deploying | 2 | 7770 | 4.36 | 3.19 | 4.41 | 8.25 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:09 | 73.2568981 | Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:10 | 73.2569444 | Deploying | 2 | 7800 | 4.37 | 3.25 | 4.43 | 8.27 | 1554 | 1186 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:10 | 73.2572917 | Deploying | 2 | 7830 | 4.43 | 3.25 | 4.44 | 8.27 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:11 | 73.2576389 | Deploying | 2 | 7860 | 4.43 | 3.25 | 4.46 | 8.24 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:11 | 73.2579861 | Deploying | 2 | 7890 | 4.43 | 3.25 | 4.48 | 8.25 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:11 | 73.2582060 | Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:12 | 73.2583333 | Deploying | 2 | 7920 | 4.46 | 3.31 | 4.5 | 8.27 | 1559 | 1195 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:12 | 73.2586806 | Deploying | 2 | 7950 | 4.5 | 3.31 | 4.51 | 8.25 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:13 | 73.2590278 | Deploying | 2 | 7980 | 4.5 | 3.31 | 4.53 | 8.22 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:13 | 73.2593750 Deploying | 2 | 8010 | 4.49 | 3.31 | 4.55 | 8.22 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 6:13 | 73.2596181 Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:14 | 73.2597222 Deploying | 2 | 8040 | 4.52 | 3.38 | 4.56 | 8.25 | 1606 | 1181 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 6:14 | 73.2600694 Deploying | 2 | 8070 | 4.56 | 3.38 | 4.58 | 8.27 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:15 | 73.2604167 Deploying | 2 | 8100 | 4.56 | 3.38 | 4.6 | 8.25 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:15 | 73.2607639 Deploying | 2 | 8130 | 4.57 | 3.38 | 4.61 | 8.25 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:16 | 73.2611111 Deploying | 2 | 8160 | 4.56 | 3.38 | 4.63 | 8.25 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:16 | 73.2611458 Winding down 1780 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:16 | 73.2614583 Deploying | 2 | 8190 | 4.63 | 3.44 | 4.65 | 8.24 | 1487 | 1157 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:17 | 73.2618056 Deploying | 2 | 8220 | 4.63 | 3.44 | 4.67 | 8.27 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:17 | 73.2621528 Deploying | 2 | 8250 | 4.64 | 3.44 | 4.68 | 8.27 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:18 | 73.2625000 Deploying | 2 | 8280 | 4.64 | 3.44 | 4.7 | 8.29 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 6:18 | 73.2625810 Winding down 1811 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:18 | 73.2628472 Deploying | 2 | 8310 | 4.7 | 3.51 | 4.72 | 8.24 | 1578 | 1188 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 6:19 | 73.2631944 Deploying | 2 | 8340 | 4.72 | 3.51 | 4.73 | 8.24 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:19 | 73.2635417 Deploying | 2 | 8370 | 4.71 | 3.51 | 4.75 | 8.24 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:20 | 73.2638889 Deploying | 2 | 8400 | 4.72 | 3.51 | 4.77 | 8.22 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 6:20 | 73.2640625 Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:20 | 73.2642361 Deploying | 2 | 8430 | 4.75 | 3.58 | 4.78 | 8.24 | 1552 | 1193 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:21 | 73.2645833 Deploying | 2 | 8460 | 4.78 | 3.58 | 4.8 | 8.21 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:21 | 73.2649306 Deploying | 2 | 8490 | 4.79 | 3.58 | 4.82 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:22 | 73.2652778 Deploying | 2 | 8520 | 4.79 | 3.58 | 4.84 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:22 | 73.2655556 Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:22 | 73.2656250 Deploying | 2 | 8550 | 4.8 | 3.64 | 4.85 | 8.27 | 1552 | 1185 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:23 | 73.2659722 Deploying | 2 | 8580 | 4.85 | 3.64 | 4.87 | 8.22 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:23 | 73.2663194 Deploying | 2 | 8610 | 4.85 | 3.64 | 4.89 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:24 | 73.2666667 Deploying | 2 | 8640 | 4.85 | 3.64 | 4.9 | 8.25 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 6:24 | 73.2667245 Winding down 1583 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:24 | 73.2670139 Deploying | 2 | 8670 | 4.9 | 3.7 | 4.92 | 8.25 | 1529 | 1172 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:25 | 73.2673611 Deploying | 2 | 8700 | 4.93 | 3.7 | 4.94 | 8.25 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:25 | 73.2677083 Deploying | 2 | 8730 | 4.91 | 3.7 | 4.95 | 8.24 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 6:26 | 73.2680556 Deploying | 2 | 8760 | 4.91 | 3.7 | 4.97 | 8.22 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 6:26 | 73.2682060 Winding down 1671 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:26 | 73.2684028 Deploying | 2 | 8790 | 4.96 | 3.76 | 4.99 | 8.24 | 1539 | 1169 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 6:27 | 73.2687500 Deploying | 2 | 8820 | 4.99 | 3.76 | 5.01 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:27 | 73.2690972 Deploying | 2 | 8850 | 4.99 | 3.76 | 5.02 | 8.24 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 3/13/2016 6:28 | 73.2694444 Deploying | 2 | 8880 | 4.99 | 3.76 | 5.04 | 8.24 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 6:28 | 73.2695949 Winding down 1471 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:28 | 73.2697917 Deploying | 2 | 8910 | 5.03 | 3.82 | 5.06 | 8.21 | 1579 | 1174 | 0 | -9 | -9 | -7 | -9 |
| 3/13/2016 6:29 | 73.2701389 Deploying | 2 | 8940 | 5.04 | 3.82 | 5.07 | 8.22 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:29 | 73.2704861 Deploying | 2 | 8970 | 5.05 | 3.82 | 5.09 | 8.24 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 6:30 | 73.2708333 Deploying | 2 | 9000 | 5.05 | 3.82 | 5.11 | 8.24 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 3/13/2016 6:30 | 73.2709954 Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:30 | 73.2711806 Deploying | 2 | 9030 | 5.08 | 3.88 | 5.12 | 8.27 | 1505 | 1158 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:31 | 73.2715278 Deploying | 2 | 9060 | 5.12 | 3.88 | 5.14 | 8.25 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:31 | 73.2718750 Deploying | 2 | 9090 | 5.12 | 3.88 | 5.16 | 8.27 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:32 | 73.2722222 Deploying | 2 | 9120 | 5.12 | 3.88 | 5.18 | 8.24 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 6:32 | 73.2722917 Winding down 1472 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:32 | 73.2725694 Deploying | 2 | 9150 | 5.17 | 3.94 | 5.19 | 8.22 | 1575 | 1181 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 6:33 | 73.2729167 Deploying | 2 | 9180 | 5.18 | 3.94 | 5.21 | 8.25 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 6:33 | 73.2732639 Deploying | 2 | 9210 | 5.19 | 3.94 | 5.23 | 8.22 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 6:34 | 73.2736111 Deploying | 2 | 9240 | 5.18 | 3.94 | 5.24 | 8.22 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:34 | 73.2736806 Winding down 1722 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:34 | 73.2739583 Deploying | 2 | 9270 | 5.24 | 4.01 | 5.26 | 8.22 | 1522 | 1170 | 0 | -8 | -8 | -8 | -8 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:35 | 73.2743056 | Deploying | 2 | 9300 | 5.25 | 4.01 | 5.28 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:35 | 73.2746528 | Deploying | 2 | 9330 | 5.25 | 4.01 | 5.29 | 8.24 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:36 | 73.2750000 | Deploying | 2 | 9360 | 5.25 | 4.01 | 5.31 | 8.24 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:36 | 73.2750347 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:36 | 73.2753472 | Deploying | 2 | 9390 | 5.31 | 4.07 | 5.33 | 8.22 | 1584 | 1194 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:37 | 73.2756944 | Deploying | 2 | 9420 | 5.33 | 4.07 | 5.35 | 8.24 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:37 | 73.2760417 | Deploying | 2 | 9450 | 5.33 | 4.07 | 5.36 | 8.24 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 6:38 | 73.2763889 | Deploying | 2 | 9480 | 5.33 | 4.07 | 5.38 | 8.24 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 6:38 | 73.2765509 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:38 | 73.2767361 | Deploying | 2 | 9510 | 5.35 | 4.13 | 5.4 | 8.24 | 1561 | 1187 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:39 | 73.2770833 | Deploying | 2 | 9540 | 5.39 | 4.13 | 5.41 | 8.22 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 6:39 | 73.2774306 | Deploying | 2 | 9570 | 5.39 | 4.13 | 5.43 | 8.22 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 6:40 | 73.2777778 | Deploying | 2 | 9600 | 5.39 | 4.13 | 5.45 | 8.22 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 6:40 | 73.2778588 | Winding down 1686 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:40 | 73.2781250 | Deploying | 2 | 9630 | 5.44 | 4.2 | 5.46 | 8.24 | 1521 | 1188 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 6:41 | 73.2784722 | Deploying | 2 | 9660 | 5.46 | 4.2 | 5.48 | 8.24 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:41 | 73.2788194 | Deploying | 2 | 9690 | 5.46 | 4.2 | 5.5 | 8.22 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:42 | 73.2791667 | Deploying | 2 | 9720 | 5.46 | 4.2 | 5.52 | 8.22 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:42 | 73.2792824 | Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:42 | 73.2795139 | Deploying | 2 | 9750 | 5.5 | 4.25 | 5.53 | 8.21 | 1555 | 1187 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 6:43 | 73.2798611 | Deploying | 2 | 9780 | 5.53 | 4.25 | 5.55 | 8.22 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:43 | 73.2802083 | Deploying | 2 | 9810 | 5.53 | 4.25 | 5.57 | 8.21 | 0 | 0 | 0 | -10 | -7 | -8 | -7 |
| 3/13/2016 6:44 | 73.2805556 | Deploying | 2 | 9840 | 5.54 | 4.25 | 5.58 | 8.21 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 3/13/2016 6:44 | 73.2808449 | Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:44 | 73.2809028 | Deploying | 2 | 9870 | 5.54 | 4.32 | 5.6 | 8.22 | 1560 | 1175 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:45 | 73.2812500 | Deploying | 2 | 9900 | 5.59 | 4.32 | 5.62 | 8.21 | 0 | 0 | 0 | -8 | -10 | -8 | -10 |
| 3/13/2016 6:45 | 73.2815972 | Deploying | 2 | 9930 | 5.6 | 4.32 | 5.63 | 8.24 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 6:46 | 73.2819444 | Deploying | 2 | 9960 | 5.59 | 4.32 | 5.65 | 8.21 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 6:46 | 73.2819444 | Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:46 | 73.2822917 | Deploying | 2 | 9990 | 5.66 | 4.38 | 5.67 | 8.22 | 1535 | 1188 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:47 | 73.2826389 | Deploying | 2 | 10020 | 5.66 | 4.38 | 5.69 | 8.24 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:47 | 73.2829861 | Deploying | 2 | 10050 | 5.66 | 4.38 | 5.7 | 8.22 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:48 | 73.2833333 | Deploying | 2 | 10080 | 5.66 | 4.38 | 5.72 | 8.21 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:48 | 73.2833449 | Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:48 | 73.2836806 | Deploying | 2 | 10110 | 5.72 | 4.44 | 5.74 | 8.24 | 1509 | 1163 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 6:49 | 73.2840278 | Deploying | 2 | 10140 | 5.72 | 4.44 | 5.75 | 8.25 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:49 | 73.2843750 | Deploying | 2 | 10170 | 5.72 | 4.44 | 5.77 | 8.24 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:49 | 73.2845718 | Winding down 1478 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:50 | 73.2847222 | Deploying | 2 | 10200 | 5.75 | 4.49 | 5.79 | 8.22 | 1536 | 1189 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:50 | 73.2850694 | Deploying | 2 | 10230 | 5.79 | 4.49 | 5.8 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:51 | 73.2854167 | Deploying | 2 | 10260 | 5.79 | 4.49 | 5.82 | 8.21 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:51 | 73.2857639 | Deploying | 2 | 10290 | 5.79 | 4.49 | 5.84 | 8.22 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:51 | 73.2859954 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:52 | 73.2861111 | Deploying | 2 | 10320 | 5.81 | 4.55 | 5.86 | 8.21 | 1505 | 1159 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 6:52 | 73.2864583 | Deploying | 2 | 10350 | 5.85 | 4.55 | 5.87 | 8.22 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 6:53 | 73.2868056 | Deploying | 2 | 10380 | 5.85 | 4.55 | 5.89 | 8.21 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:53 | 73.2871528 | Deploying | 2 | 10410 | 5.85 | 4.55 | 5.91 | 8.22 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 6:53 | 73.2872685 | Winding down 1754 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:54 | 73.2875000 | Deploying | 2 | 10440 | 5.89 | 4.62 | 5.92 | 8.24 | 1544 | 1170 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:54 | 73.2878472 | Deploying | 2 | 10470 | 5.92 | 4.62 | 5.94 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:55 | 73.2881944 | Deploying | 2 | 10500 | 5.92 | 4.62 | 5.96 | 8.24 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 6:55 | 73.2885417 | Deploying | 2 | 10530 | 5.92 | 4.62 | 5.97 | 8.19 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:55 | 73.2886921 | Winding down 1696 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:56 | 73.2888889 | Deploying | 2 | 10560 | 5.95 | 4.68 | 5.99 | 8.21 | 1629 | 1193 | 0 | -8 | -8 | -8 | -8 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:56 | 73.2892361 | Deploying | 2 | 10590 | 6 | 4.68 | 6.01 | 8.24 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:57 | 73.2895833 | Deploying | 2 | 10620 | 5.99 | 4.68 | 6.03 | 8.19 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 6:57 | 73.2899306 | Deploying | 2 | 10650 | 5.99 | 4.68 | 6.04 | 8.22 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 6:57 | 73.2901389 | Winding down 1617 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:58 | 73.2902778 | Deploying | 2 | 10680 | 6.01 | 4.75 | 6.06 | 8.21 | 1562 | 1190 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:58 | 73.2906250 | Deploying | 2 | 10710 | 6.05 | 4.75 | 6.08 | 8.21 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:59 | 73.2909722 | Deploying | 2 | 10740 | 6.06 | 4.75 | 6.09 | 8.21 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:59 | 73.2913194 | Deploying | 2 | 10770 | 6.06 | 4.75 | 6.11 | 8.22 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 6:59 | 73.2914931 | Winding down 1725 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:00 | 73.2916667 | Deploying | 2 | 10800 | 6.09 | 4.81 | 6.13 | 8.21 | 1507 | 1161 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:00 | 73.2920139 | Deploying | 2 | 10830 | 6.13 | 4.81 | 6.14 | 8.22 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:01 | 73.2923611 | Deploying | 2 | 10860 | 6.13 | 4.81 | 6.16 | 8.24 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:01 | 73.2927083 | Deploying | 2 | 10890 | 6.13 | 4.81 | 6.18 | 8.19 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:01 | 73.2929282 | Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:02 | 73.2930556 | Deploying | 2 | 10920 | 6.15 | 4.87 | 6.2 | 8.19 | 1538 | 1167 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:02 | 73.2934028 | Deploying | 2 | 10950 | 6.19 | 4.87 | 6.21 | 8.22 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:03 | 73.2937500 | Deploying | 2 | 10980 | 6.18 | 4.87 | 6.23 | 8.19 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:03 | 73.2940972 | Deploying | 2 | 11010 | 6.2 | 4.87 | 6.25 | 8.22 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:03 | 73.2942824 | Winding down 1689 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:04 | 73.2944444 | Deploying | 2 | 11040 | 6.22 | 4.93 | 6.26 | 8.22 | 1536 | 1183 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:04 | 73.2947917 | Deploying | 2 | 11070 | 6.26 | 4.93 | 6.28 | 8.19 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:05 | 73.2951389 | Deploying | 2 | 11100 | 6.26 | 4.93 | 6.3 | 8.21 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:05 | 73.2954861 | Deploying | 2 | 11130 | 6.26 | 4.93 | 6.31 | 8.19 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:05 | 73.2956944 | Winding down 1767 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:06 | 73.2958333 | Deploying | 2 | 11160 | 6.28 | 5 | 6.33 | 8.22 | 1573 | 1188 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:06 | 73.2961806 | Deploying | 2 | 11190 | 6.32 | 5 | 6.35 | 8.19 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:07 | 73.2965278 | Deploying | 2 | 11220 | 6.33 | 5 | 6.37 | 8.22 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:07 | 73.2968750 | Deploying | 2 | 11250 | 6.33 | 5 | 6.38 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:07 | 73.2969792 | Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:08 | 73.2972222 | Deploying | 2 | 11280 | 6.37 | 5.06 | 6.4 | 8.22 | 1530 | 1179 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:08 | 73.2975694 | Deploying | 2 | 11310 | 6.39 | 5.06 | 6.42 | 8.22 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:09 | 73.2979167 | Deploying | 2 | 11340 | 6.38 | 5.06 | 6.43 | 8.21 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:09 | 73.2982060 | Winding down 1441 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:09 | 73.2982639 | Deploying | 2 | 11370 | 6.41 | 5.11 | 6.45 | 8.21 | 1555 | 1196 | 0 | -7 | -8 | -8 | -8 |
| 3/13/2016 7:10 | 73.2986111 | Deploying | 2 | 11400 | 6.45 | 5.11 | 6.47 | 8.22 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:10 | 73.2989583 | Deploying | 2 | 11430 | 6.45 | 5.11 | 6.48 | 8.22 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:11 | 73.2993056 | Deploying | 2 | 11460 | 6.44 | 5.11 | 6.5 | 8.21 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 3/13/2016 7:11 | 73.2994676 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:11 | 73.2996528 | Deploying | 2 | 11490 | 6.48 | 5.18 | 6.52 | 8.22 | 1497 | 1168 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:12 | 73.3000000 | Deploying | 2 | 11520 | 6.52 | 5.18 | 6.54 | 8.19 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:12 | 73.3003472 | Deploying | 2 | 11550 | 6.51 | 5.18 | 6.55 | 8.21 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:13 | 73.3006944 | Deploying | 2 | 11580 | 6.51 | 5.18 | 6.57 | 8.22 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:13 | 73.3007755 | Winding down 1536 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:13 | 73.3010417 | Deploying | 2 | 11610 | 6.57 | 5.24 | 6.59 | 8.17 | 1544 | 1183 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:14 | 73.3013889 | Deploying | 2 | 11640 | 6.58 | 5.24 | 6.6 | 8.21 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:14 | 73.3017361 | Deploying | 2 | 11670 | 6.58 | 5.24 | 6.62 | 8.22 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:14 | 73.3020718 | Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:15 | 73.3020833 | Deploying | 2 | 11700 | 6.57 | 5.3 | 6.64 | 8.22 | 1531 | 1177 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 7:15 | 73.3024306 | Deploying | 2 | 11730 | 6.64 | 5.3 | 6.65 | 8.19 | 1531 | 41 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 7:16 | 73.3027778 | Deploying | 2 | 11760 | 6.64 | 5.3 | 6.67 | 8.19 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:16 | 73.3031250 | Deploying | 2 | 11790 | 6.64 | 5.3 | 6.69 | 8.19 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:16 | 73.3033565 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:17 | 73.3034722 | Deploying | 2 | 11820 | 6.66 | 5.36 | 6.71 | 8.22 | 1519 | 1163 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:17 | 73.3038194 | Deploying | 2 | 11850 | 6.7 | 5.36 | 6.72 | 8.22 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 7:18 | 73.3041667 Deploying | 2 | 11880 | 6.71 | 5.36 | 6.74 | 8.19 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 7:18 | 73.3045139 Deploying | 2 | 11910 | 6.71 | 5.36 | 6.76 | 8.21 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:18 | 73.3047917 Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:19 | 73.3048611 Deploying | 2 | 11940 | 6.72 | 5.42 | 6.77 | 8.21 | 1534 | 1161 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 7:19 | 73.3052083 Deploying | 2 | 11970 | 6.77 | 5.42 | 6.79 | 8.21 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 7:20 | 73.3055556 Deploying | 2 | 12000 | 6.77 | 5.42 | 6.81 | 8.19 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:20 | 73.3059028 Deploying | 2 | 12030 | 6.77 | 5.42 | 6.82 | 8.21 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:20 | 73.3060648 Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:21 | 73.3062500 Deploying | 2 | 12060 | 6.81 | 5.48 | 6.84 | 8.17 | 1546 | 1186 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:21 | 73.3065972 Deploying | 2 | 12090 | 6.83 | 5.48 | 6.86 | 8.19 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 7:22 | 73.3069444 Deploying | 2 | 12120 | 6.84 | 5.48 | 6.88 | 8.21 | 0 | 0 | 0 | -10 | -7 | -8 | -7 |
| 3/13/2016 7:22 | 73.3072917 Deploying | 2 | 12150 | 6.83 | 5.48 | 6.89 | 8.21 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 3/13/2016 7:22 | 73.3073148 Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:23 | 73.3076389 Deploying | 2 | 12180 | 6.9 | 5.54 | 6.91 | 8.19 | 1506 | 1165 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 7:23 | 73.3079861 Deploying | 2 | 12210 | 6.9 | 5.54 | 6.93 | 8.19 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 7:24 | 73.3083333 Deploying | 2 | 12240 | 6.9 | 5.54 | 6.94 | 8.19 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:24 | 73.3086806 Deploying | 2 | 12270 | 6.9 | 5.54 | 6.96 | 8.19 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:24 | 73.3086806 Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:25 | 73.3090278 Deploying | 2 | 12300 | 6.96 | 5.61 | 6.98 | 8.19 | 1535 | 1171 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:25 | 73.3093750 Deploying | 2 | 12330 | 6.96 | 5.61 | 6.99 | 8.19 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:26 | 73.3097222 Deploying | 2 | 12360 | 6.97 | 5.61 | 7.01 | 8.21 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 7:26 | 73.3100694 Deploying | 2 | 12390 | 6.96 | 5.61 | 7.03 | 8.21 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 7:26 | 73.3100810 Winding down 1751 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:27 | 73.3104167 Deploying | 2 | 12420 | 7.02 | 5.67 | 7.05 | 8.19 | 1596 | 1184 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:27 | 73.3107639 Deploying | 2 | 12450 | 7.03 | 5.67 | 7.06 | 8.19 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:28 | 73.3111111 Deploying | 2 | 12480 | 7.04 | 5.67 | 7.08 | 8.22 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:28 | 73.3114583 Deploying | 2 | 12510 | 7.03 | 5.67 | 7.1 | 8.17 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:28 | 73.3115046 Winding down 1694 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:29 | 73.3118056 Deploying | 2 | 12540 | 7.09 | 5.74 | 7.11 | 8.17 | 1494 | 1159 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:29 | 73.3121528 Deploying | 2 | 12570 | 7.1 | 5.74 | 7.13 | 8.19 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:30 | 73.3125000 Deploying | 2 | 12600 | 7.1 | 5.74 | 7.15 | 8.16 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:30 | 73.3127315 Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:30 | 73.3128472 Deploying | 2 | 12630 | 7.12 | 5.8 | 7.16 | 8.19 | 1544 | 1189 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 7:31 | 73.3131944 Deploying | 2 | 12660 | 7.17 | 5.8 | 7.18 | 8.24 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:31 | 73.3135417 Deploying | 2 | 12690 | 7.17 | 5.8 | 7.2 | 8.17 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:32 | 73.3138889 Deploying | 2 | 12720 | 7.18 | 5.8 | 7.22 | 8.19 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:32 | 73.3142245 Winding down 1823 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:32 | 73.3142361 Deploying | 2 | 12750 | 7.16 | 5.87 | 7.23 | 8.17 | 1532 | 1180 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:33 | 73.3145833 Deploying | 2 | 12780 | 7.23 | 5.87 | 7.25 | 8.19 | 1532 | 57 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:33 | 73.3149306 Deploying | 2 | 12810 | 7.24 | 5.87 | 7.27 | 8.17 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:34 | 73.3152778 Deploying | 2 | 12840 | 7.24 | 5.87 | 7.28 | 8.21 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:34 | 73.3155093 Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:34 | 73.3156250 Deploying | 2 | 12870 | 7.26 | 5.92 | 7.3 | 8.19 | 1578 | 1183 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:35 | 73.3159722 Deploying | 2 | 12900 | 7.29 | 5.92 | 7.32 | 8.19 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:35 | 73.3163194 Deploying | 2 | 12930 | 7.29 | 5.92 | 7.33 | 8.19 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:36 | 73.3166667 Deploying | 2 | 12960 | 7.3 | 5.92 | 7.35 | 8.19 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:36 | 73.3169097 Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:36 | 73.3170139 Deploying | 2 | 12990 | 7.32 | 5.98 | 7.37 | 8.16 | 1553 | 1182 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:37 | 73.3173611 Deploying | 2 | 13020 | 7.36 | 5.98 | 7.39 | 8.16 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:37 | 73.3177083 Deploying | 2 | 13050 | 7.37 | 5.98 | 7.4 | 8.16 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:38 | 73.3180556 Deploying | 2 | 13080 | 7.37 | 5.98 | 7.42 | 8.19 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:38 | 73.3182755 Winding down 1681 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:38 | 73.3184028 Deploying | 2 | 13110 | 7.38 | 6.05 | 7.44 | 8.16 | 1541 | 1177 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:39 | 73.3187500 Deploying | 2 | 13140 | 7.43 | 6.05 | 7.45 | 8.19 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 7:39 | 73.3190972 Deploying | 2 | 13170 | 7.44 | 6.05 | 7.47 | 8.17 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:40 | 73.3194444 Deploying | 2 | 13200 | 7.43 | 6.05 | 7.49 | 8.17 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:40 | 73.3195255 Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:40 | 73.3197917 Deploying | 2 | 13230 | 7.48 | 6.1 | 7.5 | 8.21 | 1549 | 1180 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:41 | 73.3201389 Deploying | 2 | 13260 | 7.49 | 6.1 | 7.52 | 8.21 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:41 | 73.3204861 Deploying | 2 | 13290 | 7.49 | 6.1 | 7.54 | 8.21 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 7:41 | 73.3208102 Winding down 1659 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:42 | 73.3208333 Deploying | 2 | 13320 | 7.49 | 6.17 | 7.56 | 8.11 | 1565 | 1195 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 7:42 | 73.3211806 Deploying | 2 | 13350 | 7.56 | 6.17 | 7.57 | 8.17 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:43 | 73.3215278 Deploying | 2 | 13380 | 7.56 | 6.17 | 7.59 | 8.17 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:43 | 73.3218750 Deploying | 2 | 13410 | 7.56 | 6.17 | 7.61 | 8.17 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:44 | 73.3222222 Deploying | 2 | 13440 | 7.56 | 6.17 | 7.62 | 8.17 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 3/13/2016 7:44 | 73.3222338 Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:44 | 73.3225694 Deploying | 2 | 13470 | 7.63 | 6.23 | 7.64 | 8.19 | 1616 | 1194 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:45 | 73.3229167 Deploying | 2 | 13500 | 7.63 | 6.23 | 7.66 | 8.19 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:45 | 73.3232639 Deploying | 2 | 13530 | 7.63 | 6.23 | 7.67 | 8.16 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:46 | 73.3236111 Deploying | 2 | 13560 | 7.63 | 6.23 | 7.69 | 8.19 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:46 | 73.3236458 Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:46 | 73.3239583 Deploying | 2 | 13590 | 7.69 | 6.29 | 7.71 | 8.21 | 1563 | 1192 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 7:47 | 73.3243056 Deploying | 2 | 13620 | 7.71 | 6.29 | 7.73 | 8.21 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:47 | 73.3246528 Deploying | 2 | 13650 | 7.7 | 6.29 | 7.74 | 8.19 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 7:48 | 73.3250000 Deploying | 2 | 13680 | 7.7 | 6.29 | 7.76 | 8.19 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:48 | 73.3250231 Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:48 | 73.3253472 Deploying | 2 | 13710 | 7.75 | 6.34 | 7.78 | 8.17 | 1551 | 1187 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 7:49 | 73.3256944 Deploying | 2 | 13740 | 7.76 | 6.34 | 7.79 | 8.22 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 3/13/2016 7:49 | 73.3260417 Deploying | 2 | 13770 | 7.76 | 6.34 | 7.81 | 8.17 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:49 | 73.3263194 Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:50 | 73.3263889 Deploying | 2 | 13800 | 7.77 | 6.41 | 7.83 | 8.16 | 1549 | 1191 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 7:50 | 73.3267361 Deploying | 2 | 13830 | 7.83 | 6.41 | 7.84 | 8.21 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 7:51 | 73.3270833 Deploying | 2 | 13860 | 7.83 | 6.41 | 7.86 | 8.21 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 7:51 | 73.3274306 Deploying | 2 | 13890 | 7.82 | 6.41 | 7.88 | 8.17 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:51 | 73.3275463 Winding down 1454 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:52 | 73.3277778 Deploying | 2 | 13920 | 7.87 | 6.46 | 7.9 | 8.19 | 1532 | 1179 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:52 | 73.3281250 Deploying | 2 | 13950 | 7.88 | 6.46 | 7.91 | 8.19 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:53 | 73.3284722 Deploying | 2 | 13980 | 7.89 | 6.46 | 7.93 | 8.19 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:53 | 73.3288194 Deploying | 2 | 14010 | 7.9 | 6.46 | 7.95 | 8.16 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:53 | 73.3291088 Winding down 1691 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:54 | 73.3291667 Deploying | 2 | 14040 | 7.9 | 6.53 | 7.96 | 8.19 | 1560 | 1186 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:54 | 73.3295139 Deploying | 2 | 14070 | 7.95 | 6.53 | 7.98 | 8.16 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 7:55 | 73.3298611 Deploying | 2 | 14100 | 7.96 | 6.53 | 8 | 8.17 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:55 | 73.3302083 Deploying | 2 | 14130 | 7.96 | 6.53 | 8.01 | 8.17 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 7:55 | 73.3302431 Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:56 | 73.3305556 Deploying | 2 | 14160 | 8.01 | 6.58 | 8.03 | 8.21 | 1557 | 1188 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:56 | 73.3309028 Deploying | 2 | 14190 | 8.02 | 6.58 | 8.05 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:57 | 73.3312500 Deploying | 2 | 14220 | 8.02 | 6.58 | 8.07 | 8.19 | 0 | 0 | 0 | -6 | -9 | -7 | -9 |
| 3/13/2016 7:57 | 73.3315741 Winding down 1434 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:57 | 73.3315972 Deploying | 2 | 14250 | 8.03 | 6.64 | 8.08 | 8.11 | 1580 | 1197 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:58 | 73.3319444 Deploying | 2 | 14280 | 8.07 | 6.64 | 8.1 | 8.17 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:58 | 73.3322917 Deploying | 2 | 14310 | 8.08 | 6.64 | 8.12 | 8.17 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 7:59 | 73.3326389 Deploying | 2 | 14340 | 8.08 | 6.64 | 8.13 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 7:59 | 73.3328125 Winding down 1750 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:59 | 73.3329861 Deploying | 2 | 14370 | 8.11 | 6.71 | 8.15 | 8.16 | 1567 | 1197 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:00 | 73.3333333 Deploying | 2 | 14400 | 8.16 | 6.71 | 8.17 | 8.19 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 3/13/2016 8:00 | 73.3336806 Deploying | 2 | 14430 | 8.15 | 6.71 | 8.18 | 8.19 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:01 | 73.3340278 | Deploying | 2 | 14460 | 8.15 | 6.71 | 8.2 | 8.17 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:01 | 73.3341782 | Winding down 1721 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:01 | 73.3343750 | Deploying | 2 | 14490 | 8.18 | 6.77 | 8.22 | 8.21 | 1551 | 1197 | 0 | -7 | -8 | -6 | -8 |
| 3/13/2016 8:02 | 73.3347222 | Deploying | 2 | 14520 | 8.22 | 6.77 | 8.24 | 8.17 | 0 | 0 | 0 | -6 | -8 | -6 | -8 |
| 3/13/2016 8:02 | 73.3350694 | Deploying | 2 | 14550 | 8.22 | 6.77 | 8.25 | 8.19 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:03 | 73.3354167 | Deploying | 2 | 14580 | 8.22 | 6.77 | 8.27 | 8.16 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:03 | 73.3355787 | Winding down 1485 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:03 | 73.3357639 | Deploying | 2 | 14610 | 8.25 | 6.83 | 8.29 | 8.16 | 1649 | 1189 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:04 | 73.3361111 | Deploying | 2 | 14640 | 8.28 | 6.83 | 8.3 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:04 | 73.3364583 | Deploying | 2 | 14670 | 8.28 | 6.83 | 8.32 | 8.17 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:05 | 73.3368056 | Deploying | 2 | 14700 | 8.28 | 6.83 | 8.34 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:05 | 73.3370023 | Winding down 1903 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:05 | 73.3371528 | Deploying | 2 | 14730 | 8.31 | 6.9 | 8.35 | 8.16 | 1567 | 1204 | 0 | -7 | -7 | -6 | -7 |
| 3/13/2016 8:06 | 73.3375000 | Deploying | 2 | 14760 | 8.35 | 6.9 | 8.37 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:06 | 73.3378472 | Deploying | 2 | 14790 | 8.36 | 6.9 | 8.39 | 8.16 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:07 | 73.3381944 | Deploying | 2 | 14820 | 8.35 | 6.9 | 8.41 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:07 | 73.3383796 | Winding down 1514 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:07 | 73.3385417 | Deploying | 2 | 14850 | 8.39 | 6.96 | 8.42 | 8.14 | 1573 | 1193 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:08 | 73.3388889 | Deploying | 2 | 14880 | 8.41 | 6.96 | 8.44 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:08 | 73.3392361 | Deploying | 2 | 14910 | 8.41 | 6.96 | 8.46 | 8.17 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:09 | 73.3395833 | Deploying | 2 | 14940 | 8.41 | 6.96 | 8.47 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:09 | 73.3396644 | Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:09 | 73.3399306 | Deploying | 2 | 14970 | 8.46 | 7.02 | 8.49 | 8.19 | 1644 | 1207 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:10 | 73.3402778 | Deploying | 2 | 15000 | 8.48 | 7.02 | 8.51 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:10 | 73.3406250 | Deploying | 2 | 15030 | 8.47 | 7.02 | 8.52 | 8.19 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/13/2016 8:10 | 73.3408912 | Winding down 1538 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:11 | 73.3409722 | Deploying | 2 | 15060 | 8.5 | 7.08 | 8.54 | 8.17 | 1570 | 1204 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:11 | 73.3413194 | Deploying | 2 | 15090 | 8.54 | 7.08 | 8.56 | 8.17 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:12 | 73.3416667 | Deploying | 2 | 15120 | 8.54 | 7.08 | 8.58 | 8.16 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 8:12 | 73.3420139 | Deploying | 2 | 15150 | 8.54 | 7.08 | 8.59 | 8.19 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:12 | 73.3421528 | Winding down 1432 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:13 | 73.3423611 | Deploying | 2 | 15180 | 8.57 | 7.13 | 8.61 | 8.13 | 1569 | 1207 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 8:13 | 73.3427083 | Deploying | 2 | 15210 | 8.6 | 7.13 | 8.63 | 8.16 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 8:14 | 73.3430556 | Deploying | 2 | 15240 | 8.6 | 7.13 | 8.64 | 8.14 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 8:14 | 73.3434028 | Deploying | 2 | 15270 | 8.6 | 7.13 | 8.66 | 8.17 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 8:14 | 73.3434259 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:15 | 73.3437500 | Deploying | 2 | 15300 | 8.66 | 7.19 | 8.68 | 8.17 | 1568 | 1196 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 8:15 | 73.3440972 | Deploying | 2 | 15330 | 8.67 | 7.19 | 8.69 | 8.14 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:16 | 73.3444444 | Deploying | 2 | 15360 | 8.66 | 7.19 | 8.71 | 8.13 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:16 | 73.3445486 | Winding down 1365 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:16 | 73.3447917 | Deploying | 2 | 15390 | 8.7 | 7.24 | 8.73 | 8.16 | 1568 | 1216 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:17 | 73.3451389 | Deploying | 2 | 15420 | 8.71 | 7.24 | 8.75 | 8.16 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:17 | 73.3454861 | Deploying | 2 | 15450 | 8.73 | 7.24 | 8.76 | 8.13 | 0 | 0 | 0 | -6 | -10 | -7 | -10 |
| 3/13/2016 8:18 | 73.3458333 | Deploying | 2 | 15480 | 8.72 | 7.24 | 8.78 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:18 | 73.3460648 | Winding down 2145 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:18 | 73.3461806 | Deploying | 2 | 15510 | 8.74 | 7.33 | 8.8 | 8.16 | 1572 | 1189 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:19 | 73.3465278 | Deploying | 2 | 15540 | 8.81 | 7.33 | 8.81 | 8.16 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:19 | 73.3468750 | Deploying | 2 | 15570 | 8.8 | 7.33 | 8.83 | 8.14 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:20 | 73.3472222 | Deploying | 2 | 15600 | 8.8 | 7.33 | 8.85 | 8.16 | 0 | 0 | 0 | -9 | -9 | -7 | -9 |
| 3/13/2016 8:20 | 73.3475694 | Deploying | 2 | 15630 | 8.81 | 7.33 | 8.86 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:20 | 73.3475810 | Winding down 1351 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:21 | 73.3479167 | Deploying | 2 | 15660 | 8.86 | 7.38 | 8.88 | 8.16 | 1571 | 1201 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:21 | 73.3482639 | Deploying | 2 | 15690 | 8.85 | 7.38 | 8.9 | 8.17 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 8:22 | 73.3486111 | Deploying | 2 | 15720 | 8.86 | 7.38 | 8.92 | 8.16 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |

| Date/Time | Value | Status | Mode | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:22 | 73.3486227 | Winding down 1551 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:22 | 73.3489583 | Deploying | 2 | 15750 | 8.92 | 7.44 | 8.93 | 8.14 | 1538 | 1197 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:23 | 73.3493056 | Deploying | 2 | 15780 | 8.92 | 7.44 | 8.95 | 8.16 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:23 | 73.3496528 | Deploying | 2 | 15810 | 8.92 | 7.44 | 8.97 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:23 | 73.3499769 | Winding down 1434 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:24 | 73.3500000 | Deploying | 2 | 15840 | 8.93 | 7.49 | 8.98 | 8.11 | 1549 | 1181 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:24 | 73.3503472 | Deploying | 2 | 15870 | 8.98 | 7.49 | 9 | 8.14 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:25 | 73.3506944 | Deploying | 2 | 15900 | 8.99 | 7.49 | 9.02 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:25 | 73.3510417 | Deploying | 2 | 15930 | 8.99 | 7.49 | 9.03 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:26 | 73.3513889 | Deploying | 2 | 15960 | 8.98 | 7.49 | 9.05 | 8.14 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:26 | 73.3514120 | Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:26 | 73.3517361 | Deploying | 2 | 15990 | 9.04 | 7.56 | 9.07 | 8.19 | 1488 | 1169 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 8:27 | 73.3520833 | Deploying | 2 | 16020 | 9.05 | 7.56 | 9.09 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:27 | 73.3523727 | Winding down 1366 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:27 | 73.3524306 | Deploying | 2 | 16050 | 9.06 | 7.61 | 9.1 | 8.17 | 1540 | 1197 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 8:28 | 73.3527778 | Deploying | 2 | 16080 | 9.11 | 7.61 | 9.12 | 8.14 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:28 | 73.3531250 | Deploying | 2 | 16110 | 9.1 | 7.61 | 9.14 | 8.14 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:29 | 73.3534722 | Deploying | 2 | 16140 | 9.1 | 7.61 | 9.15 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:29 | 73.3538194 | Deploying | 2 | 16170 | 9.12 | 7.61 | 9.17 | 8.16 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:29 | 73.3538657 | Winding down 1494 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:30 | 73.3541667 | Deploying | 2 | 16200 | 9.16 | 7.67 | 9.19 | 8.17 | 1562 | 1200 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:30 | 73.3545139 | Deploying | 2 | 16230 | 9.17 | 7.67 | 9.2 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:31 | 73.3548611 | Deploying | 2 | 16260 | 9.17 | 7.67 | 9.22 | 8.14 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:31 | 73.3550694 | Winding down 1792 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:31 | 73.3552083 | Deploying | 2 | 16290 | 9.19 | 7.74 | 9.24 | 8.13 | 1602 | 1200 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:32 | 73.3555556 | Deploying | 2 | 16320 | 9.24 | 7.74 | 9.26 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:32 | 73.3559028 | Deploying | 2 | 16350 | 9.25 | 7.74 | 9.27 | 8.17 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:33 | 73.3562500 | Deploying | 2 | 16380 | 9.24 | 7.74 | 9.29 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:33 | 73.3564931 | Winding down 1435 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:33 | 73.3565972 | Deploying | 2 | 16410 | 9.26 | 7.79 | 9.31 | 8.17 | 1606 | 1197 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:34 | 73.3569444 | Deploying | 2 | 16440 | 9.3 | 7.79 | 9.32 | 8.17 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:34 | 73.3572917 | Deploying | 2 | 16470 | 9.3 | 7.79 | 9.34 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:35 | 73.3576389 | Deploying | 2 | 16500 | 9.31 | 7.79 | 9.36 | 8.16 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:35 | 73.3579630 | Winding down 1784 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:35 | 73.3579861 | Deploying | 2 | 16530 | 9.31 | 7.86 | 9.37 | 8.1 | 1566 | 1190 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:36 | 73.3583333 | Deploying | 2 | 16560 | 9.38 | 7.86 | 9.39 | 8.13 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:36 | 73.3586806 | Deploying | 2 | 16590 | 9.38 | 7.86 | 9.41 | 8.13 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 8:37 | 73.3590278 | Deploying | 2 | 16620 | 9.38 | 7.86 | 9.43 | 8.13 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:37 | 73.3592593 | Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:37 | 73.3593750 | Deploying | 2 | 16650 | 9.4 | 7.93 | 9.44 | 8.14 | 1483 | 1169 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:38 | 73.3597222 | Deploying | 2 | 16680 | 9.45 | 7.93 | 9.46 | 8.14 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:38 | 73.3600694 | Deploying | 2 | 16710 | 9.46 | 7.93 | 9.48 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:39 | 73.3604167 | Deploying | 2 | 16740 | 9.46 | 7.93 | 9.49 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:39 | 73.3607639 | Deploying | 2 | 16770 | 9.46 | 7.93 | 9.51 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:39 | 73.3609838 | Winding down 1756 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:40 | 73.3611111 | Deploying | 2 | 16800 | 9.47 | 7.99 | 9.53 | 8.17 | 1573 | 1189 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:40 | 73.3614583 | Deploying | 2 | 16830 | 9.53 | 7.99 | 9.54 | 8.17 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:41 | 73.3618056 | Deploying | 2 | 16860 | 9.52 | 7.99 | 9.56 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:41 | 73.3621181 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:41 | 73.3621528 | Deploying | 2 | 16890 | 9.52 | 8.05 | 9.58 | 8.11 | 1560 | 1199 | 0 | -7 | -8 | -8 | -8 |
| 3/13/2016 8:42 | 73.3625000 | Deploying | 2 | 16920 | 9.59 | 8.05 | 9.6 | 8.14 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 8:42 | 73.3628472 | Deploying | 2 | 16950 | 9.59 | 8.05 | 9.61 | 8.16 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 8:43 | 73.3631944 | Deploying | 2 | 16980 | 9.6 | 8.05 | 9.63 | 8.17 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:43 | 73.3635417 | Deploying | 2 | 17010 | 9.59 | 8.05 | 9.65 | 8.14 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |

| Date/Time | Value | Status | | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:43 | 73.3636574 | Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:44 | 73.3638889 | Deploying | 2 | 17040 | 9.64 | 8.11 | 9.66 | 8.13 | 1566 | 1198 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 8:44 | 73.3642361 | Deploying | 2 | 17070 | 9.66 | 8.11 | 9.68 | 8.14 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:45 | 73.3645833 | Deploying | 2 | 17100 | 9.66 | 8.11 | 9.7 | 8.13 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 3/13/2016 8:45 | 73.3649306 | Deploying | 2 | 17130 | 9.65 | 8.11 | 9.71 | 8.13 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 8:45 | 73.3650463 | Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:46 | 73.3652778 | Deploying | 2 | 17160 | 9.71 | 8.18 | 9.73 | 8.14 | 1558 | 1185 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:46 | 73.3656250 | Deploying | 2 | 17190 | 9.73 | 8.18 | 9.75 | 8.16 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:47 | 73.3659722 | Deploying | 2 | 17220 | 9.73 | 8.18 | 9.77 | 8.14 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 8:47 | 73.3663194 | Deploying | 2 | 17250 | 9.73 | 8.18 | 9.78 | 8.11 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:47 | 73.3664931 | Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:48 | 73.3666667 | Deploying | 2 | 17280 | 9.77 | 8.23 | 9.8 | 8.16 | 1610 | 1220 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 8:48 | 73.3670139 | Deploying | 2 | 17310 | 9.79 | 8.23 | 9.82 | 8.16 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 8:49 | 73.3673611 | Deploying | 2 | 17340 | 9.8 | 8.23 | 9.83 | 8.1 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:49 | 73.3677083 | Deploying | 2 | 17370 | 9.79 | 8.23 | 9.85 | 8.14 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 8:49 | 73.3679282 | Winding down 1781 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:50 | 73.3680556 | Deploying | 2 | 17400 | 9.82 | 8.3 | 9.87 | 8.16 | 1564 | 1207 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:50 | 73.3684028 | Deploying | 2 | 17430 | 9.87 | 8.3 | 9.88 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:51 | 73.3687500 | Deploying | 2 | 17460 | 9.88 | 8.3 | 9.9 | 8.13 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 8:51 | 73.3690972 | Deploying | 2 | 17490 | 9.88 | 8.3 | 9.92 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:52 | 73.3694444 | Deploying | 2 | 17520 | 9.87 | 8.3 | 9.94 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:52 | 73.3694444 | Winding down 1637 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:52 | 73.3697917 | Deploying | 2 | 17550 | 9.94 | 8.36 | 9.95 | 8.13 | 1562 | 1181 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:53 | 73.3701389 | Deploying | 2 | 17580 | 9.94 | 8.36 | 9.97 | 8.13 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 8:53 | 73.3704861 | Deploying | 2 | 17610 | 9.95 | 8.36 | 9.99 | 8.14 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 8:53 | 73.3708218 | Winding down 1698 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:54 | 73.3708333 | Deploying | 2 | 17640 | 9.94 | 8.43 | 10 | 8.11 | 1586 | 1202 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:54 | 73.3711806 | Deploying | 2 | 17670 | 10.01 | 8.43 | 10.02 | 8.11 | 1586 | 43 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:55 | 73.3715278 | Deploying | 2 | 17700 | 10.02 | 8.43 | 10.04 | 8.16 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:55 | 73.3718750 | Deploying | 2 | 17730 | 10.02 | 8.43 | 10.05 | 8.1 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:56 | 73.3722222 | Deploying | 2 | 17760 | 10.02 | 8.43 | 10.07 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 8:56 | 73.3723843 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:56 | 73.3725694 | Deploying | 2 | 17790 | 10.05 | 8.49 | 10.09 | 8.13 | 1577 | 1207 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 8:57 | 73.3729167 | Deploying | 2 | 17820 | 10.09 | 8.49 | 10.11 | 8.13 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:57 | 73.3732639 | Deploying | 2 | 17850 | 10.09 | 8.49 | 10.12 | 8.13 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 8:58 | 73.3736111 | Deploying | 2 | 17880 | 10.08 | 8.49 | 10.14 | 8.11 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 8:58 | 73.3737500 | Winding down 1607 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:58 | 73.3739583 | Deploying | 2 | 17910 | 10.12 | 8.56 | 10.16 | 8.13 | 1588 | 1200 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 8:59 | 73.3743056 | Deploying | 2 | 17940 | 10.15 | 8.56 | 10.17 | 8.14 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 8:59 | 73.3746528 | Deploying | 2 | 17970 | 10.15 | 8.56 | 10.19 | 8.11 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/13/2016 9:00 | 73.3750000 | Deploying | 2 | 18000 | 10.15 | 8.56 | 10.21 | 8.11 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:00 | 73.3750579 | Winding down 1458 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:00 | 73.3753472 | Deploying | 2 | 18030 | 10.2 | 8.61 | 10.22 | 8.13 | 1573 | 1204 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:01 | 73.3756944 | Deploying | 2 | 18060 | 10.22 | 8.61 | 10.24 | 8.1 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:01 | 73.3760417 | Deploying | 2 | 18090 | 10.23 | 8.61 | 10.26 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:02 | 73.3763889 | Deploying | 2 | 18120 | 10.22 | 8.61 | 10.28 | 8.11 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 9:02 | 73.3765394 | Winding down 1621 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:02 | 73.3767361 | Deploying | 2 | 18150 | 10.26 | 8.67 | 10.29 | 8.14 | 1551 | 1188 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 9:03 | 73.3770833 | Deploying | 2 | 18180 | 10.29 | 8.67 | 10.31 | 8.13 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:03 | 73.3774306 | Deploying | 2 | 18210 | 10.29 | 8.67 | 10.33 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:04 | 73.3777778 | Deploying | 2 | 18240 | 10.28 | 8.67 | 10.34 | 8.1 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:04 | 73.3778704 | Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:04 | 73.3781250 | Deploying | 2 | 18270 | 10.34 | 8.73 | 10.36 | 8.13 | 1611 | 1227 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:05 | 73.3784722 | Deploying | 2 | 18300 | 10.36 | 8.73 | 10.38 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |

| Date/Time | Value | Status | N | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:05 | 73.3788194 | Deploying | 2 | 18330 | 10.36 | 8.73 | 10.39 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:06 | 73.3791667 | Deploying | 2 | 18360 | 10.36 | 8.73 | 10.41 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:06 | 73.3794329 | Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:06 | 73.3795139 | Deploying | 2 | 18390 | 10.37 | 8.8 | 10.43 | 8.13 | 1573 | 1211 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:07 | 73.3798611 | Deploying | 2 | 18420 | 10.42 | 8.8 | 10.45 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:07 | 73.3802083 | Deploying | 2 | 18450 | 10.43 | 8.8 | 10.46 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:08 | 73.3805556 | Deploying | 2 | 18480 | 10.43 | 8.8 | 10.48 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:08 | 73.3808565 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:08 | 73.3809028 | Deploying | 2 | 18510 | 10.43 | 8.86 | 10.5 | 8.17 | 1509 | 1174 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:09 | 73.3812500 | Deploying | 2 | 18540 | 10.5 | 8.86 | 10.51 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:09 | 73.3815972 | Deploying | 2 | 18570 | 10.5 | 8.86 | 10.53 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:10 | 73.3819444 | Deploying | 2 | 18600 | 10.51 | 8.86 | 10.55 | 8.1 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 9:10 | 73.3822917 | Deploying | 2 | 18630 | 10.51 | 8.86 | 10.56 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:10 | 73.3824190 | Winding down 1668 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:11 | 73.3826389 | Deploying | 2 | 18660 | 10.55 | 8.93 | 10.58 | 8.13 | 1583 | 1219 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:11 | 73.3829861 | Deploying | 2 | 18690 | 10.58 | 8.93 | 10.6 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:12 | 73.3833333 | Deploying | 2 | 18720 | 10.58 | 8.93 | 10.62 | 8.13 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:12 | 73.3836806 | Deploying | 2 | 18750 | 10.58 | 8.93 | 10.63 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:12 | 73.3838889 | Winding down 1542 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:13 | 73.3840278 | Deploying | 2 | 18780 | 10.61 | 8.99 | 10.65 | 8.13 | 1575 | 1193 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:13 | 73.3843750 | Deploying | 2 | 18810 | 10.65 | 8.99 | 10.67 | 8.13 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:14 | 73.3847222 | Deploying | 2 | 18840 | 10.64 | 8.99 | 10.68 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:14 | 73.3850694 | Deploying | 2 | 18870 | 10.64 | 8.99 | 10.7 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:14 | 73.3852546 | Winding down 1739 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:15 | 73.3854167 | Deploying | 2 | 18900 | 10.67 | 9.05 | 10.72 | 8.11 | 1585 | 1205 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:15 | 73.3857639 | Deploying | 2 | 18930 | 10.72 | 9.05 | 10.73 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:16 | 73.3861111 | Deploying | 2 | 18960 | 10.72 | 9.05 | 10.75 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:16 | 73.3864583 | Deploying | 2 | 18990 | 10.72 | 9.05 | 10.77 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:16 | 73.3866667 | Winding down 1517 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:17 | 73.3868056 | Deploying | 2 | 19020 | 10.74 | 9.11 | 10.79 | 8.14 | 1598 | 1212 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:17 | 73.3871528 | Deploying | 2 | 19050 | 10.79 | 9.11 | 10.8 | 8.11 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:18 | 73.3875000 | Deploying | 2 | 19080 | 10.8 | 9.11 | 10.82 | 8.13 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 9:18 | 73.3878472 | Deploying | 2 | 19110 | 10.79 | 9.11 | 10.84 | 8.11 | 0 | 0 | 0 | -6 | -8 | -7 | -8 |
| 3/13/2016 9:18 | 73.3881829 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:19 | 73.3881944 | Deploying | 2 | 19140 | 10.8 | 9.17 | 10.85 | 8.11 | 1588 | 1221 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:19 | 73.3885417 | Deploying | 2 | 19170 | 10.84 | 9.17 | 10.87 | 8.1 | 1588 | 29 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:20 | 73.3888889 | Deploying | 2 | 19200 | 10.86 | 9.17 | 10.89 | 8.13 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 3/13/2016 9:20 | 73.3892361 | Deploying | 2 | 19230 | 10.85 | 9.17 | 10.9 | 8.13 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:20 | 73.3895139 | Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:21 | 73.3895833 | Deploying | 2 | 19260 | 10.87 | 9.23 | 10.92 | 8.1 | 1577 | 1213 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:21 | 73.3899306 | Deploying | 2 | 19290 | 10.91 | 9.23 | 10.94 | 8.14 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 9:22 | 73.3902778 | Deploying | 2 | 19320 | 10.92 | 9.23 | 10.96 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:22 | 73.3906250 | Deploying | 2 | 19350 | 10.92 | 9.23 | 10.97 | 8.1 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:22 | 73.3906944 | Winding down 1397 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:23 | 73.3909722 | Deploying | 2 | 19380 | 10.97 | 9.28 | 10.99 | 8.1 | 1567 | 1210 | 0 | -9 | -6 | -7 | -6 |
| 3/13/2016 9:23 | 73.3913194 | Deploying | 2 | 19410 | 10.99 | 9.28 | 11.01 | 8.11 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:24 | 73.3916667 | Deploying | 2 | 19440 | 10.98 | 9.28 | 11.02 | 8.08 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:24 | 73.3920139 | Deploying | 2 | 19470 | 10.98 | 9.28 | 11.04 | 8.1 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:24 | 73.3922338 | Winding down 1856 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:25 | 73.3923611 | Deploying | 2 | 19500 | 11.01 | 9.35 | 11.06 | 8.1 | 1569 | 1207 | 0 | -6 | -8 | -7 | -8 |
| 3/13/2016 9:25 | 73.3927083 | Deploying | 2 | 19530 | 11.07 | 9.35 | 11.07 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:26 | 73.3930556 | Deploying | 2 | 19560 | 11.06 | 9.35 | 11.09 | 8.1 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:26 | 73.3934028 | Deploying | 2 | 19590 | 11.07 | 9.35 | 11.11 | 8.13 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:27 | 73.3937500 | Deploying | 2 | 19620 | 11.05 | 9.35 | 11.13 | 8.13 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:27 | 73.3937616 | Winding down 1801 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:27 | 73.3940972 | Deploying | 2 | 19650 | 11.14 | 9.42 | 11.14 | 8.13 | 1474 | 1179 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 9:28 | 73.3944444 | Deploying | 2 | 19680 | 11.14 | 9.42 | 11.16 | 8.08 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 9:28 | 73.3947917 | Deploying | 2 | 19710 | 11.14 | 9.42 | 11.18 | 8.06 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 9:29 | 73.3951389 | Deploying | 2 | 19740 | 11.14 | 9.42 | 11.19 | 8.11 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:29 | 73.3953356 | Winding down 1578 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:29 | 73.3954861 | Deploying | 2 | 19770 | 11.17 | 9.48 | 11.21 | 8.11 | 1572 | 1189 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:30 | 73.3958333 | Deploying | 2 | 19800 | 11.2 | 9.48 | 11.23 | 8.11 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:30 | 73.3961806 | Deploying | 2 | 19830 | 11.21 | 9.48 | 11.24 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:31 | 73.3965278 | Deploying | 2 | 19860 | 11.21 | 9.48 | 11.26 | 8.1 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 9:31 | 73.3967361 | Winding down 1592 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:31 | 73.3968750 | Deploying | 2 | 19890 | 11.24 | 9.54 | 11.28 | 8.13 | 1579 | 1201 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:32 | 73.3972222 | Deploying | 2 | 19920 | 11.27 | 9.54 | 11.3 | 8.06 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:32 | 73.3975694 | Deploying | 2 | 19950 | 11.28 | 9.54 | 11.31 | 8.1 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 9:33 | 73.3979167 | Deploying | 2 | 19980 | 11.27 | 9.54 | 11.33 | 8.06 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:33 | 73.3981019 | Winding down 1689 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:33 | 73.3982639 | Deploying | 2 | 20010 | 11.3 | 9.61 | 11.35 | 8.11 | 1590 | 1207 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 9:34 | 73.3986111 | Deploying | 2 | 20040 | 11.34 | 9.61 | 11.36 | 8.11 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 3/13/2016 9:34 | 73.3989583 | Deploying | 2 | 20070 | 11.35 | 9.61 | 11.38 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:35 | 73.3993056 | Deploying | 2 | 20100 | 11.35 | 9.61 | 11.4 | 8.1 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 3/13/2016 9:35 | 73.3995486 | Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:35 | 73.3996528 | Deploying | 2 | 20130 | 11.37 | 9.67 | 11.41 | 8.1 | 1611 | 1221 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:36 | 73.4000000 | Deploying | 2 | 20160 | 11.41 | 9.67 | 11.43 | 8.14 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:36 | 73.4003472 | Deploying | 2 | 20190 | 11.42 | 9.67 | 11.45 | 8.08 | 0 | 0 | 0 | -9 | -9 | -7 | -9 |
| 3/13/2016 9:37 | 73.4006944 | Deploying | 2 | 20220 | 11.42 | 9.67 | 11.47 | 8.1 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 9:37 | 73.4009838 | Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:37 | 73.4010417 | Deploying | 2 | 20250 | 11.42 | 9.73 | 11.48 | 8.1 | 1616 | 1216 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:38 | 73.4013889 | Deploying | 2 | 20280 | 11.48 | 9.73 | 11.5 | 8.1 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 9:38 | 73.4017361 | Deploying | 2 | 20310 | 11.48 | 9.73 | 11.52 | 8.08 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:39 | 73.4020833 | Deploying | 2 | 20340 | 11.48 | 9.73 | 11.53 | 8.1 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:39 | 73.4023032 | Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:39 | 73.4024306 | Deploying | 2 | 20370 | 11.51 | 9.79 | 11.55 | 8.13 | 1531 | 1199 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 9:40 | 73.4027778 | Deploying | 2 | 20400 | 11.54 | 9.79 | 11.57 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:40 | 73.4031250 | Deploying | 2 | 20430 | 11.55 | 9.79 | 11.58 | 8.14 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:41 | 73.4034722 | Deploying | 2 | 20460 | 11.56 | 9.79 | 11.6 | 8.13 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 9:41 | 73.4037731 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:41 | 73.4038194 | Deploying | 2 | 20490 | 11.56 | 9.85 | 11.62 | 8.08 | 1676 | 1221 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:42 | 73.4041667 | Deploying | 2 | 20520 | 11.62 | 9.85 | 11.64 | 8.1 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:42 | 73.4045139 | Deploying | 2 | 20550 | 11.62 | 9.85 | 11.65 | 8.08 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:43 | 73.4048611 | Deploying | 2 | 20580 | 11.62 | 9.85 | 11.67 | 8.1 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 9:43 | 73.4051273 | Winding down 1388 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:43 | 73.4052083 | Deploying | 2 | 20610 | 11.64 | 9.91 | 11.69 | 8.08 | 1631 | 1207 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 9:44 | 73.4055556 | Deploying | 2 | 20640 | 11.68 | 9.91 | 11.7 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:44 | 73.4059028 | Deploying | 2 | 20670 | 11.67 | 9.91 | 11.72 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:45 | 73.4062500 | Deploying | 2 | 20700 | 11.68 | 9.91 | 11.74 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:45 | 73.4062847 | Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:45 | 73.4065972 | Deploying | 2 | 20730 | 11.74 | 9.96 | 11.75 | 8.08 | 1604 | 1217 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:46 | 73.4069444 | Deploying | 2 | 20760 | 11.73 | 9.96 | 11.77 | 8.08 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:46 | 73.4072917 | Deploying | 2 | 20790 | 11.73 | 9.96 | 11.79 | 8.1 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 9:46 | 73.4074537 | Winding down 1385 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:47 | 73.4076389 | Deploying | 2 | 20820 | 11.78 | 10.02 | 11.81 | 8.1 | 1593 | 1215 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:47 | 73.4079861 | Deploying | 2 | 20850 | 11.8 | 10.02 | 11.82 | 8.1 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 3/13/2016 9:48 | 73.4083333 | Deploying | 2 | 20880 | 11.81 | 10.02 | 11.84 | 8.08 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 9:48 | 73.4086806 | Deploying | 2 | 20910 | 11.8 | 10.02 | 11.86 | 8.06 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:48 | 73.4089120 | Winding down 1720 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:49 | 73.4090278 | Deploying | 2 | 20940 | 11.82 | 10.08 | 11.87 | 8.08 | 1571 | 1209 | 0 | -6 | -7 | -7 | -7 |
| 3/13/2016 9:49 | 73.4093750 | Deploying | 2 | 20970 | 11.87 | 10.08 | 11.89 | 8.08 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:50 | 73.4097222 | Deploying | 2 | 21000 | 11.88 | 10.08 | 11.91 | 8.06 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:50 | 73.4100694 | Deploying | 2 | 21030 | 11.87 | 10.08 | 11.92 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:50 | 73.4101968 | Winding down 1618 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:51 | 73.4104167 | Deploying | 2 | 21060 | 11.91 | 10.14 | 11.94 | 8.08 | 1580 | 1208 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 9:51 | 73.4107639 | Deploying | 2 | 21090 | 11.95 | 10.14 | 11.96 | 8.11 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 3/13/2016 9:52 | 73.4111111 | Deploying | 2 | 21120 | 11.95 | 10.14 | 11.98 | 8.11 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 3/13/2016 9:52 | 73.4114583 | Deploying | 2 | 21150 | 11.94 | 10.14 | 11.99 | 8.06 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:52 | 73.4117708 | Winding down 1720 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:53 | 73.4118056 | Deploying | 2 | 21180 | 11.94 | 10.21 | 12.01 | 8.13 | 1577 | 1213 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:53 | 73.4121528 | Deploying | 2 | 21210 | 12.01 | 10.21 | 12.03 | 8.1 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:54 | 73.4125000 | Deploying | 2 | 21240 | 12.01 | 10.21 | 12.04 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:54 | 73.4128472 | Deploying | 2 | 21270 | 12.01 | 10.21 | 12.06 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:54 | 73.4130671 | Winding down 1581 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:55 | 73.4131944 | Deploying | 2 | 21300 | 12.04 | 10.27 | 12.08 | 8.1 | 1594 | 1222 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:55 | 73.4135417 | Deploying | 2 | 21330 | 12.09 | 10.27 | 12.09 | 8.08 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:56 | 73.4138889 | Deploying | 2 | 21360 | 12.09 | 10.27 | 12.11 | 8.08 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 9:56 | 73.4142361 | Deploying | 2 | 21390 | 12.09 | 10.27 | 12.13 | 8.1 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:57 | 73.4145833 | Deploying | 2 | 21420 | 12.09 | 10.27 | 12.15 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 9:57 | 73.4146412 | Winding down 1633 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:57 | 73.4149306 | Deploying | 2 | 21450 | 12.14 | 10.33 | 12.16 | 8.11 | 1566 | 1213 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:58 | 73.4152778 | Deploying | 2 | 21480 | 12.15 | 10.33 | 12.18 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:58 | 73.4156250 | Deploying | 2 | 21510 | 12.15 | 10.33 | 12.2 | 8.08 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 9:59 | 73.4159722 | Deploying | 2 | 21540 | 12.15 | 10.33 | 12.21 | 8.1 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 9:59 | 73.4161111 | Winding down 1707 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:59 | 73.4163194 | Deploying | 2 | 21570 | 12.2 | 10.4 | 12.23 | 8.08 | 1589 | 1206 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 10:00 | 73.4166667 | Deploying | 2 | 21600 | 12.22 | 10.4 | 12.25 | 8.06 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:00 | 73.4170139 | Deploying | 2 | 21630 | 12.23 | 10.4 | 12.26 | 8.08 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 10:01 | 73.4173611 | Deploying | 2 | 21660 | 12.23 | 10.4 | 12.28 | 8.08 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 10:01 | 73.4176042 | Winding down 1635 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:01 | 73.4177083 | Deploying | 2 | 21690 | 12.25 | 10.46 | 12.3 | 8.1 | 1634 | 1198 | 0 | -8 | -8 | -8 | -8 |
| 3/13/2016 10:02 | 73.4180556 | Deploying | 2 | 21720 | 12.3 | 10.46 | 12.32 | 8.08 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:02 | 73.4184028 | Deploying | 2 | 21750 | 12.31 | 10.46 | 12.33 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:03 | 73.4187500 | Deploying | 2 | 21780 | 12.29 | 10.46 | 12.35 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:03 | 73.4188657 | Winding down 1454 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:03 | 73.4190972 | Deploying | 2 | 21810 | 12.34 | 10.52 | 12.37 | 8.08 | 1577 | 1209 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:04 | 73.4194444 | Deploying | 2 | 21840 | 12.36 | 10.52 | 12.38 | 8.08 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |
| 3/13/2016 10:04 | 73.4197917 | Deploying | 2 | 21870 | 12.35 | 10.52 | 12.4 | 8.06 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:04 | 73.4200694 | Winding down 1452 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:05 | 73.4201389 | Deploying | 2 | 21900 | 12.37 | 10.58 | 12.42 | 8.08 | 1595 | 1218 | 0 | -9 | -7 | -7 | -7 |
| 3/13/2016 10:05 | 73.4204861 | Deploying | 2 | 21930 | 12.42 | 10.58 | 12.43 | 8.06 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:06 | 73.4208333 | Deploying | 2 | 21960 | 12.43 | 10.58 | 12.45 | 8.08 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:06 | 73.4211806 | Deploying | 2 | 21990 | 12.42 | 10.58 | 12.47 | 8.06 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:06 | 73.4214931 | Winding down 1770 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:07 | 73.4215278 | Deploying | 2 | 22020 | 12.42 | 10.64 | 12.49 | 8.05 | 1567 | 1206 | 0 | -6 | -8 | -7 | -8 |
| 3/13/2016 10:07 | 73.4218750 | Deploying | 2 | 22050 | 12.49 | 10.64 | 12.5 | 8.08 | 0 | 0 | 0 | -6 | -8 | -7 | -8 |
| 3/13/2016 10:08 | 73.4222222 | Deploying | 2 | 22080 | 12.51 | 10.64 | 12.52 | 8.11 | 0 | 0 | 0 | -6 | -8 | -7 | -8 |
| 3/13/2016 10:08 | 73.4225694 | Deploying | 2 | 22110 | 12.5 | 10.64 | 12.54 | 8.06 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 3/13/2016 10:09 | 73.4229167 | Deploying | 2 | 22140 | 12.5 | 10.64 | 12.55 | 8.06 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 3/13/2016 10:09 | 73.4230787 | Winding down 1535 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 10:09 | 73.4232639 | Deploying | 2 | 22170 | 12.53 | 10.7 | 12.57 | 8.05 | 1472 | 1167 | 0 | -7 | -8 | -7 | -8 |
| 3/13/2016 10:10 | 73.4236111 | Deploying | 2 | 22200 | 12.57 | 10.7 | 12.59 | 8.06 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |

| Date/Time | Value | Event | State | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:10 | 73.4239583 | Deploying | 2 | 22230 | 12.57 | 10.7 | 12.6 | 8.08 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 3/13/2016 10:11 | 73.4243056 | Deploying | 2 | 22260 | 12.57 | 10.7 | 12.62 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:11 | 73.4245255 | Winding down 1706 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:11 | 73.4246528 | Deploying | 2 | 22290 | 12.6 | 10.77 | 12.64 | 8.1 | 1571 | 1192 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:12 | 73.4250000 | Deploying | 2 | 22320 | 12.64 | 10.77 | 12.66 | 8.08 | 0 | 0 | 0 | -7 | -9 | -7 | -9 |
| 3/13/2016 10:12 | 73.4253472 | Deploying | 2 | 22350 | 12.65 | 10.77 | 12.67 | 8.06 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:13 | 73.4256944 | Deploying | 2 | 22380 | 12.64 | 10.77 | 12.69 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:13 | 73.4260417 | Deploying | 2 | 22410 | 12.64 | 10.77 | 12.71 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 3/13/2016 10:13 | 73.4260648 | Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:14 | 73.4263889 | Deploying | 2 | 22440 | 12.7 | 10.83 | 12.72 | 8.05 | 1577 | 1204 | 0 | -8 | -8 | -6 | -8 |
| 3/13/2016 10:14 | 73.4267361 | Deploying | 2 | 22470 | 12.71 | 10.83 | 12.74 | 8.05 | 0 | 0 | 0 | -4 | -8 | -7 | -8 |
| 3/13/2016 10:15 | 73.4270833 | Deploying | 2 | 22500 | 12.71 | 10.83 | 12.76 | 8.06 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 3/13/2016 10:15 | 73.4273958 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:15 | 73.4274306 | Deploying | 2 | 22530 | 12.72 | 10.89 | 12.77 | 8.06 | 1563 | 1195 | 1 | -9 | -10 | -4 | -10 |
| 3/13/2016 10:15 | 73.4275116 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/13/2016 10:15 | 73.4275116 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/13/2016 10:15 | 73.4275347 | Winding up 1375 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:15 | 73.4275579 | Winding up 2699 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:15 | 73.4275926 | Winding up 4524 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:15 | 73.4276505 | Winding up 7150 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:15 | 73.4277431 | Winding up 10099 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:16 | 73.4277778 | Rewinding | 5 | 22537 | 12.59 | 9.89 | 12.18 | 7.81 | 813 | 647 | | | | | |
| 3/13/2016 10:16 | 73.4278704 | Winding up 11399 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:16 | 73.4280093 | Winding up 10974 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:16 | 73.4281250 | Rewinding | 5 | 22537 | 11.81 | 9.03 | 11.43 | 7.81 | 882 | 695 | | | | | |
| 3/13/2016 10:16 | 73.4281481 | Winding up 9949 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:16 | 73.4282639 | Winding up 8999 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:16 | 73.4283681 | Winding up 8025 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4284722 | Rewinding | 5 | 22537 | 10.93 | 8 | 10.68 | 7.79 | 882 | 271 | | | | | |
| 3/13/2016 10:17 | 73.4284722 | Winding up 6899 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4285532 | Winding up 6024 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4286343 | Winding up 5250 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4287037 | Winding up 4525 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4287616 | Winding up 4150 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4288194 | Rewinding | 5 | 22537 | 10.06 | 6.97 | 9.93 | 7.81 | 833 | 671 | | | | | |
| 3/13/2016 10:17 | 73.4288194 | Winding up 3875 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4288657 | Winding up 3574 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4289120 | Winding up 3299 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4289583 | Winding up 3125 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4290046 | Winding up 2824 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4290394 | Winding up 2699 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4290741 | Winding up 2474 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4291088 | Winding up 2300 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4291435 | Winding up 2150 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4291667 | Rewinding | 5 | 22537 | 9.24 | 5.96 | 9.18 | 7.75 | 894 | 678 | | | | | |
| 3/13/2016 10:18 | 73.4291782 | Winding up 2049 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4292130 | Winding up 1999 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4292477 | Winding up 2024 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4292824 | Winding up 1975 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4293171 | Winding up 1999 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4293519 | Winding up 2200 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4293866 | Winding up 2375 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4294213 | Winding up 2474 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:18 | 73.4294560 | Winding up 2625 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:18 | 73.4294907 Winding up 2724 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4295139 Rewinding | 5 | 22537 | 8.52 | 5.1 | 8.43 | 7.7 | 895 | 699 |
| 3/13/2016 10:18 | 73.4295255 Winding up 2824 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4295602 Winding up 2874 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4295949 Winding up 2874 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4296296 Winding up 2775 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4296644 Winding up 2674 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4296991 Winding up 2474 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4297338 Winding up 2300 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4297685 Winding up 2100 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4298032 Winding up 1950 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4298264 Winding up 1875 ticks | 3 | | | | | | | |
| 3/13/2016 10:18 | 73.4298495 Winding up 1750 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4298611 Rewinding | 5 | 22537 | 7.73 | 4.1 | 7.68 | 7.97 | 886 | 674 |
| 3/13/2016 10:19 | 73.4298727 Winding up 1725 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4298958 Winding up 1575 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4299190 Winding up 1425 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4299421 Winding up 1350 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4299653 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4299884 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4300116 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4300463 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4300694 Winding up 1350 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4300926 Winding up 1475 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4301157 Winding up 1600 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4301273 TWI hung (3) | 5 | | | | | | | |
| 3/13/2016 10:19 | 73.4301389 Winding up 1600 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4301620 Winding up 1675 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4301852 Winding up 1700 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4302083 Rewinding | 5 | 22537 | 6.98 | 3.31 | 6.93 | 7.75 | 910 | 706 |
| 3/13/2016 10:19 | 73.4302083 Winding up 1725 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4302315 Winding up 1750 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4302546 Winding up 1875 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4302778 Winding up 1950 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4303009 Winding up 2000 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4303356 Winding up 2000 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4303704 Winding up 2050 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4304051 Winding up 2000 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4304398 Winding up 2000 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4304745 Winding up 1950 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4304977 Winding up 2000 ticks | 3 | | | | | | | |
| 3/13/2016 10:19 | 73.4305324 Winding up 2050 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4305556 Rewinding | 5 | 22537 | 6.24 | 2.43 | 6.18 | 7.75 | 903 | 691 |
| 3/13/2016 10:20 | 73.4305671 Winding up 2075 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4306019 Winding up 2225 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4306366 Winding up 2375 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4306713 Winding up 2575 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4307060 Winding up 2725 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4307407 Winding up 2900 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4307755 Winding up 2850 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4308102 Winding up 2850 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4308449 Winding up 2775 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4308796 Winding up 2650 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4309028 Rewinding | 5 | 22537 | 5.51 | 1.44 | 5.43 | 7.7 | 903 | 151 |

| 3/13/2016 10:20 | 73.4309144 Winding up 2525 ticks | 3 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:20 | 73.4309491 Winding up 2300 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4309838 Winding up 2050 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4310185 Winding up 1775 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4310417 Winding up 1625 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4310648 Winding up 1450 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4310880 Winding up 1300 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4311458 Winding up 1250 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4311690 Winding up 1375 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4311921 Winding up 1475 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4312153 Winding up 1575 ticks | 3 | | | | | | | |
| 3/13/2016 10:20 | 73.4312384 Winding up 1750 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4312500 Rewinding | 5 | 22537 | 4.73 | 0.67 | 4.68 | 7.94 | 899 | 693 |
| 3/13/2016 10:21 | 73.4312616 Winding up 1875 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4312847 Winding up 1974 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4313194 Winding up 2225 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4313542 Winding up 2474 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4313889 Winding up 2699 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4314236 Winding up 3025 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4314699 Winding up 3249 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4315162 Winding up 3325 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4315625 Winding up 3374 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4315972 Rewinding | 5 | 22537 | 4.04 | -0.24 | 3.93 | 7.76 | 899 | 298 |
| 3/13/2016 10:21 | 73.4316088 Winding up 3425 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4316551 Winding up 3375 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4317014 Winding up 3274 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4317477 Winding up 3025 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4317940 Winding up 2849 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4318287 Winding up 2775 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4318634 Winding up 2525 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4318981 Winding up 2250 ticks | 3 | | | | | | | |
| 3/13/2016 10:21 | 73.4319329 Winding up 2025 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4319444 Rewinding | 5 | 22537 | 3.24 | -1.2 | 3.18 | 7.94 | 892 | 692 |
| 3/13/2016 10:22 | 73.4319560 Winding up 1825 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4319792 Winding up 1675 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4320023 Winding up 1550 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4320255 Winding up 1450 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4320486 Winding up 1300 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4320949 Winding up 1250 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4321181 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4321412 Winding up 1350 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4321644 Winding up 1375 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4321875 Winding up 1400 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4322106 Winding up 1550 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4322338 Winding up 1625 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4322569 Winding up 1850 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4322801 Winding up 2025 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4322917 Rewinding | 5 | 22537 | 2.49 | -2.01 | 2.43 | 7.95 | 893 | 703 |
| 3/13/2016 10:22 | 73.4323148 Winding up 2200 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4323495 Winding up 2450 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4323843 Winding up 2725 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4324190 Winding up 2950 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4324653 Winding up 3050 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4325116 Winding up 3025 ticks | 3 | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:22 | 73.4325579 | Winding up 3050 ticks | 3 | | | | | | | |
| 3/13/2016 10:22 | 73.4326042 | Winding up 3075 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4326389 | Rewinding | 5 | 22537 | 1.78 | -2.86 | 1.68 | 7.65 | 905 | 693 |
| 3/13/2016 10:23 | 73.4326505 | Winding up 3125 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4326968 | Winding up 3125 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4327431 | Winding up 3100 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4327894 | Winding up 3100 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4328356 | Winding up 3175 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4328819 | Winding up 3175 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4328935 | Winding up 3275 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4329051 | Winding up 3325 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4329167 | Winding up 3400 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4329282 | Winding up 3500 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4329398 | Winding up 3575 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4329514 | Winding up 3725 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4329630 | Winding up 3900 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4329745 | Winding up 4100 ticks | 3 | | | | | | | |
| 3/13/2016 10:23 | 73.4329861 | Rewinding | 5 | 22537 | 1.08 | -3.5 | 0.93 | 7.92 | 928 | 925 |
| 3/13/2016 10:23 | 73.4329861 | Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 3/13/2016 10:23 | 73.4329861 | State 5 (FINISHED) | 5 | | | | | | | |

DPS8-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 15:40 | 72.6527778 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 15:40 | 72.6531250 | Deploying | 2 | 30 | 0.98 | 0 | 0.02 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 15:41 | 72.6534722 | Deploying | 2 | 60 | 0.97 | 0 | 0.04 | 8.05 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 15:41 | 72.6538194 | Deploying | 2 | 90 | 0.98 | 0 | 0.06 | 8.05 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 15:42 | 72.6541667 | Deploying | 2 | 120 | 0.98 | 0 | 0.08 | 8.06 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:42 | 72.6545139 | Deploying | 2 | 150 | 0.99 | 0 | 0.09 | 8.03 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 15:43 | 72.6548611 | Deploying | 2 | 180 | 0.98 | 0 | 0.11 | 8.06 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 15:43 | 72.6552083 | Deploying | 2 | 210 | 0.98 | 0 | 0.13 | 8.08 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 15:44 | 72.6555556 | Deploying | 2 | 240 | 0.98 | 0 | 0.14 | 8.06 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 15:44 | 72.6559028 | Deploying | 2 | 270 | 0.98 | 0 | 0.16 | 8.05 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 15:45 | 72.6562500 | Deploying | 2 | 300 | 0.98 | 0 | 0.18 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:45 | 72.6565972 | Deploying | 2 | 330 | 0.99 | 0 | 0.19 | 8.06 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:46 | 72.6569444 | Deploying | 2 | 360 | 0.99 | 0 | 0.21 | 8.05 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 15:46 | 72.6572917 | Deploying | 2 | 390 | 0.99 | 0 | 0.23 | 8.03 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 15:47 | 72.6576389 | Deploying | 2 | 420 | 0.99 | 0 | 0.25 | 8.05 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 15:47 | 72.6579861 | Deploying | 2 | 450 | 0.99 | 0 | 0.26 | 8.05 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 15:48 | 72.6583333 | Deploying | 2 | 480 | 0.99 | 0 | 0.28 | 8.06 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 15:48 | 72.6586806 | Deploying | 2 | 510 | 0.98 | 0 | 0.3 | 8.05 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 15:49 | 72.6590278 | Deploying | 2 | 540 | 0.98 | 0 | 0.31 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:49 | 72.6593750 | Deploying | 2 | 570 | 0.98 | 0 | 0.33 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:50 | 72.6597222 | Deploying | 2 | 600 | 0.98 | 0 | 0.35 | 8.05 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 15:50 | 72.6600694 | Deploying | 2 | 630 | 0.99 | 0 | 0.36 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:51 | 72.6604167 | Deploying | 2 | 660 | 0.99 | 0 | 0.38 | 8.06 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:51 | 72.6607639 | Deploying | 2 | 690 | 0.98 | 0 | 0.4 | 8.03 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 15:52 | 72.6611111 | Deploying | 2 | 720 | 0.99 | 0 | 0.42 | 8.06 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:52 | 72.6614583 | Deploying | 2 | 750 | 0.99 | 0 | 0.43 | 8.02 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 15:53 | 72.6618056 | Deploying | 2 | 780 | 0.98 | 0 | 0.45 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:53 | 72.6621528 | Deploying | 2 | 810 | 0.99 | 0 | 0.47 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:54 | 72.6625000 | Deploying | 2 | 840 | 0.98 | 0 | 0.48 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:54 | 72.6628472 | Deploying | 2 | 870 | 0.99 | 0 | 0.5 | 8.05 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 15:55 | 72.6631944 | Deploying | 2 | 900 | 0.99 | 0 | 0.52 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 15:55 | 72.6635417 | Deploying | 2 | 930 | 0.99 | 0 | 0.53 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 15:56 | 72.6638889 | Deploying | 2 | 960 | 0.99 | 0 | 0.55 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:56 | 72.6642361 | Deploying | 2 | 990 | 0.99 | 0 | 0.57 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:57 | 72.6645833 | Deploying | 2 | 1020 | 0.99 | 0 | 0.59 | 8.05 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 15:57 | 72.6649306 | Deploying | 2 | 1050 | 1 | 0 | 0.6 | 8.05 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 15:58 | 72.6652778 | Deploying | 2 | 1080 | 0.99 | 0 | 0.62 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:58 | 72.6656250 | Deploying | 2 | 1110 | 0.99 | 0 | 0.64 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 15:59 | 72.6659722 | Deploying | 2 | 1140 | 0.99 | 0 | 0.65 | 8.06 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 15:59 | 72.6663194 | Deploying | 2 | 1170 | 0.99 | 0 | 0.67 | 8.02 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:00 | 72.6666667 | Deploying | 2 | 1200 | 0.99 | 0 | 0.69 | 8.05 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 16:00 | 72.6670139 | Deploying | 2 | 1230 | 0.99 | 0 | 0.7 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:01 | 72.6673611 | Deploying | 2 | 1260 | 0.99 | 0 | 0.72 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:01 | 72.6677083 | Deploying | 2 | 1290 | 0.99 | 0 | 0.74 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:02 | 72.6680556 | Deploying | 2 | 1320 | 0.99 | 0 | 0.76 | 8.05 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:02 | 72.6684028 | Deploying | 2 | 1350 | 0.99 | 0 | 0.77 | 8.02 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:03 | 72.6687500 | Deploying | 2 | 1380 | 0.99 | 0 | 0.79 | 8.03 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 16:03 | 72.6690972 | Deploying | 2 | 1410 | 0.98 | 0 | 0.81 | 8.03 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 16:04 | 72.6694444 | Deploying | 2 | 1440 | 0.99 | 0 | 0.82 | 8.02 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 16:04 | 72.6697917 | Deploying | 2 | 1470 | 0.99 | 0 | 0.84 | 8.03 | 0 | 0 | 0 | -2 | 0 | -1 | 0 |
| 3/12/2016 16:05 | 72.6701389 | Deploying | 2 | 1500 | 0.99 | 0 | 0.86 | 8.02 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 16:05 | 72.6704861 | Deploying | 2 | 1530 | 1 | 0 | 0.87 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:06 | 72.6708333 | Deploying | 2 | 1560 | 1 | 0 | 0.89 | 8.02 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |

| Date/Time | Value | Status | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:06 | 72.6711806 | Deploying | 2 | 1590 | 1 | 0 | 0.91 | 8.05 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 16:07 | 72.6715278 | Deploying | 2 | 1620 | 0.99 | 0 | 0.93 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:07 | 72.6718750 | Deploying | 2 | 1650 | 1 | 0 | 0.94 | 8.03 | 0 | 0 | 0 | -2 | 0 | -1 | 0 |
| 3/12/2016 16:08 | 72.6722222 | Deploying | 2 | 1680 | 0.99 | 0 | 0.96 | 7.98 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:08 | 72.6725694 | Deploying | 2 | 1710 | 0.99 | 0 | 0.98 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:09 | 72.6729167 | Deploying | 2 | 1740 | 1 | 0 | 0.99 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:09 | 72.6732639 | Deploying | 2 | 1770 | 1 | 0 | 1.01 | 8.06 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:10 | 72.6736111 | Deploying | 2 | 1800 | 0.99 | 0 | 1.03 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:10 | 72.6739583 | Deploying | 2 | 1830 | 1 | 0 | 1.04 | 8.03 | 0 | 0 | 0 | 0 | -3 | -1 | -3 |
| 3/12/2016 16:11 | 72.6743056 | Deploying | 2 | 1860 | 0.99 | 0 | 1.06 | 8.06 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:11 | 72.6743403 | Winding down 1780 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:11 | 72.6746528 | Deploying | 2 | 1890 | 1.07 | 0.07 | 1.08 | 8.05 | 2013 | 1469 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:12 | 72.6750000 | Deploying | 2 | 1920 | 1.07 | 0.07 | 1.1 | 8.03 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 16:12 | 72.6753472 | Deploying | 2 | 1950 | 1.06 | 0.07 | 1.11 | 8.02 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:12 | 72.6755556 | Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:13 | 72.6756944 | Deploying | 2 | 1980 | 1.09 | 0.12 | 1.13 | 8.02 | 2005 | 1491 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:13 | 72.6760417 | Deploying | 2 | 2010 | 1.13 | 0.12 | 1.15 | 8.03 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 16:14 | 72.6763889 | Deploying | 2 | 2040 | 1.12 | 0.12 | 1.16 | 8.03 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 16:14 | 72.6767361 | Deploying | 2 | 2070 | 1.13 | 0.12 | 1.18 | 8.02 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 16:14 | 72.6767708 | Winding down 1430 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:15 | 72.6770833 | Deploying | 2 | 2100 | 1.18 | 0.18 | 1.2 | 8.03 | 2036 | 1509 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 16:15 | 72.6774306 | Deploying | 2 | 2130 | 1.19 | 0.18 | 1.21 | 8.02 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:16 | 72.6777778 | Deploying | 2 | 2160 | 1.19 | 0.18 | 1.23 | 8.05 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 16:16 | 72.6781250 | Deploying | 2 | 2190 | 1.19 | 0.18 | 1.25 | 7.98 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:16 | 72.6782176 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:17 | 72.6784722 | Deploying | 2 | 2220 | 1.24 | 0.24 | 1.27 | 8.03 | 2033 | 1498 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 16:17 | 72.6788194 | Deploying | 2 | 2250 | 1.25 | 0.24 | 1.28 | 8.03 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 16:18 | 72.6791667 | Deploying | 2 | 2280 | 1.26 | 0.24 | 1.3 | 8.02 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:18 | 72.6795139 | Deploying | 2 | 2310 | 1.26 | 0.24 | 1.32 | 8.03 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:18 | 72.6796528 | Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:19 | 72.6798611 | Deploying | 2 | 2340 | 1.3 | 0.3 | 1.33 | 8.03 | 2035 | 1501 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 16:19 | 72.6802083 | Deploying | 2 | 2370 | 1.33 | 0.3 | 1.35 | 8.05 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 16:20 | 72.6805556 | Deploying | 2 | 2400 | 1.33 | 0.3 | 1.37 | 8.03 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 16:20 | 72.6809028 | Deploying | 2 | 2430 | 1.33 | 0.3 | 1.38 | 8.05 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 16:20 | 72.6810185 | Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:21 | 72.6812500 | Deploying | 2 | 2460 | 1.37 | 0.36 | 1.4 | 8.05 | 2055 | 1515 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 16:21 | 72.6815972 | Deploying | 2 | 2490 | 1.39 | 0.36 | 1.42 | 8 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 16:22 | 72.6819444 | Deploying | 2 | 2520 | 1.4 | 0.36 | 1.44 | 8.03 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 16:22 | 72.6822917 | Deploying | 2 | 2550 | 1.4 | 0.36 | 1.45 | 8.03 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 16:22 | 72.6824653 | Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:23 | 72.6826389 | Deploying | 2 | 2580 | 1.43 | 0.42 | 1.47 | 8.02 | 2025 | 1496 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 16:23 | 72.6829861 | Deploying | 2 | 2610 | 1.46 | 0.42 | 1.49 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:24 | 72.6833333 | Deploying | 2 | 2640 | 1.46 | 0.42 | 1.5 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:24 | 72.6836458 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:24 | 72.6836806 | Deploying | 2 | 2670 | 1.47 | 0.47 | 1.52 | 8.03 | 1962 | 1458 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:25 | 72.6840278 | Deploying | 2 | 2700 | 1.52 | 0.47 | 1.54 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:25 | 72.6843750 | Deploying | 2 | 2730 | 1.53 | 0.47 | 1.55 | 8.02 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:26 | 72.6847222 | Deploying | 2 | 2760 | 1.52 | 0.47 | 1.57 | 8.02 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:26 | 72.6850694 | Deploying | 2 | 2790 | 1.53 | 0.47 | 1.59 | 8.05 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:26 | 72.6851273 | Winding down 1583 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:27 | 72.6854167 | Deploying | 2 | 2820 | 1.59 | 0.53 | 1.61 | 8.03 | 2025 | 1495 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:27 | 72.6857639 | Deploying | 2 | 2850 | 1.59 | 0.53 | 1.62 | 8.05 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 16:28 | 72.6861111 | Deploying | 2 | 2880 | 1.59 | 0.53 | 1.64 | 8.03 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| 3/12/2016 16:28 | 72.6864352 | Winding down 1609 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:28 | 72.6864583 Deploying | 2 | 2910 | 1.6 | 0.59 | 1.66 | 8 | 2202 | 1556 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:29 | 72.6868056 Deploying | 2 | 2940 | 1.66 | 0.59 | 1.67 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:29 | 72.6871528 Deploying | 2 | 2970 | 1.67 | 0.59 | 1.69 | 8.05 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 16:30 | 72.6875000 Deploying | 2 | 3000 | 1.67 | 0.59 | 1.71 | 8.03 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 16:30 | 72.6878472 Deploying | 2 | 3030 | 1.66 | 0.59 | 1.72 | 8.03 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:30 | 72.6879051 Winding down 1708 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:31 | 72.6881944 Deploying | 2 | 3060 | 1.72 | 0.65 | 1.74 | 8.02 | 1728 | 1400 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 16:31 | 72.6885417 Deploying | 2 | 3090 | 1.74 | 0.65 | 1.76 | 8.05 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:32 | 72.6888889 Deploying | 2 | 3120 | 1.74 | 0.65 | 1.78 | 8.03 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:32 | 72.6892361 Deploying | 2 | 3150 | 1.74 | 0.65 | 1.79 | 8.05 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 16:32 | 72.6894792 Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:33 | 72.6895833 Deploying | 2 | 3180 | 1.77 | 0.71 | 1.81 | 8.02 | 2038 | 1491 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:33 | 72.6899306 Deploying | 2 | 3210 | 1.8 | 0.71 | 1.83 | 8.05 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:34 | 72.6902778 Deploying | 2 | 3240 | 1.81 | 0.71 | 1.84 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:34 | 72.6906250 Deploying | 2 | 3270 | 1.81 | 0.71 | 1.86 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:34 | 72.6908102 Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:35 | 72.6909722 Deploying | 2 | 3300 | 1.83 | 0.77 | 1.88 | 8.05 | 2026 | 1512 | 0 | 0 | -1 | -1 | -1 |
| 3/12/2016 16:35 | 72.6913194 Deploying | 2 | 3330 | 1.88 | 0.77 | 1.89 | 8.05 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:36 | 72.6916667 Deploying | 2 | 3360 | 1.88 | 0.77 | 1.91 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:36 | 72.6920139 Deploying | 2 | 3390 | 1.88 | 0.77 | 1.93 | 8 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:36 | 72.6923264 Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:37 | 72.6923611 Deploying | 2 | 3420 | 1.89 | 0.83 | 1.95 | 8.03 | 2037 | 1500 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:37 | 72.6927083 Deploying | 2 | 3450 | 1.93 | 0.83 | 1.96 | 8 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 3/12/2016 16:38 | 72.6930556 Deploying | 2 | 3480 | 1.94 | 0.83 | 1.98 | 8.02 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:38 | 72.6934028 Deploying | 2 | 3510 | 1.94 | 0.83 | 2 | 7.98 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:38 | 72.6935185 Winding down 1604 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:39 | 72.6937500 Deploying | 2 | 3540 | 1.98 | 0.89 | 2.01 | 8.02 | 2024 | 1535 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:39 | 72.6940972 Deploying | 2 | 3570 | 2.01 | 0.89 | 2.03 | 8.03 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 16:40 | 72.6944444 Deploying | 2 | 3600 | 2.02 | 0.89 | 2.05 | 8.05 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:40 | 72.6947917 Deploying | 2 | 3630 | 2.01 | 0.89 | 2.06 | 8.02 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 16:40 | 72.6949190 Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:41 | 72.6951389 Deploying | 2 | 3660 | 2.05 | 0.95 | 2.08 | 8.03 | 2124 | 1547 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:41 | 72.6954861 Deploying | 2 | 3690 | 2.08 | 0.95 | 2.1 | 8.03 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 16:42 | 72.6958333 Deploying | 2 | 3720 | 2.09 | 0.95 | 2.12 | 8.02 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 16:42 | 72.6961806 Deploying | 2 | 3750 | 2.08 | 0.95 | 2.13 | 8.03 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:42 | 72.6964699 Winding down 1516 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:43 | 72.6965278 Deploying | 2 | 3780 | 2.09 | 1.01 | 2.15 | 8 | 2114 | 1488 | 0 | -3 | -3 | -1 | -3 |
| 3/12/2016 16:43 | 72.6968750 Deploying | 2 | 3810 | 2.15 | 1.01 | 2.17 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:44 | 72.6972222 Deploying | 2 | 3840 | 2.15 | 1.01 | 2.18 | 8.05 | 0 | 0 | 0 | -1 | -4 | -2 | -4 |
| 3/12/2016 16:44 | 72.6975694 Deploying | 2 | 3870 | 2.15 | 1.01 | 2.2 | 8.02 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 16:44 | 72.6977894 Winding down 1481 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:45 | 72.6979167 Deploying | 2 | 3900 | 2.18 | 1.07 | 2.22 | 8.02 | 2171 | 1545 | 0 | -4 | -1 | -2 | -1 |
| 3/12/2016 16:45 | 72.6982639 Deploying | 2 | 3930 | 2.22 | 1.07 | 2.23 | 8.03 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:46 | 72.6986111 Deploying | 2 | 3960 | 2.2 | 1.07 | 2.25 | 8.02 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 16:46 | 72.6989583 Deploying | 2 | 3990 | 2.22 | 1.07 | 2.27 | 8.02 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 16:46 | 72.6990278 Winding down 1397 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:47 | 72.6993056 Deploying | 2 | 4020 | 2.26 | 1.12 | 2.29 | 8 | 2242 | 1578 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 16:47 | 72.6996528 Deploying | 2 | 4050 | 2.27 | 1.12 | 2.3 | 8.02 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 16:48 | 72.7000000 Deploying | 2 | 4080 | 2.28 | 1.12 | 2.32 | 8 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:48 | 72.7003472 Deploying | 2 | 4110 | 2.27 | 1.12 | 2.34 | 8 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 16:48 | 72.7005208 Winding down 1975 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:49 | 72.7006944 Deploying | 2 | 4140 | 2.31 | 1.19 | 2.35 | 8.02 | 1934 | 1488 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 16:49 | 72.7010417 Deploying | 2 | 4170 | 2.35 | 1.19 | 2.37 | 8.02 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 16:50 | 72.7013889 Deploying | 2 | 4200 | 2.37 | 1.19 | 2.39 | 8.02 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |

| Date/Time | Value | Status | | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 16:50 | 72.7017361 | Deploying | 2 | 4230 | 2.36 | 1.19 | 2.4 | 8 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:50 | 72.7020602 | Winding down 1659 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:51 | 72.7020833 | Deploying | 2 | 4260 | 2.36 | 1.26 | 2.42 | 7.95 | 2118 | 1506 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:51 | 72.7024306 | Deploying | 2 | 4290 | 2.43 | 1.26 | 2.44 | 8.02 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 16:52 | 72.7027778 | Deploying | 2 | 4320 | 2.44 | 1.26 | 2.46 | 8 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 16:52 | 72.7031250 | Deploying | 2 | 4350 | 2.43 | 1.26 | 2.47 | 8.05 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:53 | 72.7034722 | Deploying | 2 | 4380 | 2.43 | 1.26 | 2.49 | 7.98 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 16:53 | 72.7035417 | Winding down 1547 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:53 | 72.7038194 | Deploying | 2 | 4410 | 2.48 | 1.31 | 2.51 | 8.03 | 2255 | 1577 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 16:54 | 72.7041667 | Deploying | 2 | 4440 | 2.5 | 1.31 | 2.52 | 8.02 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 16:54 | 72.7045139 | Deploying | 2 | 4470 | 2.5 | 1.31 | 2.54 | 8.02 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:55 | 72.7048611 | Deploying | 2 | 4500 | 2.5 | 1.31 | 2.56 | 7.98 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 16:55 | 72.7048727 | Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:55 | 72.7052083 | Deploying | 2 | 4530 | 2.56 | 1.37 | 2.57 | 8 | 1791 | 1415 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 16:56 | 72.7055556 | Deploying | 2 | 4560 | 2.57 | 1.37 | 2.59 | 8.03 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:56 | 72.7059028 | Deploying | 2 | 4590 | 2.56 | 1.37 | 2.61 | 8 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 16:56 | 72.7062269 | Winding down 1359 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:57 | 72.7062500 | Deploying | 2 | 4620 | 2.57 | 1.43 | 2.63 | 7.95 | 1744 | 1420 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 16:57 | 72.7065972 | Deploying | 2 | 4650 | 2.62 | 1.43 | 2.64 | 8 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 16:58 | 72.7069444 | Deploying | 2 | 4680 | 2.62 | 1.43 | 2.66 | 8 | 0 | 0 | 0 | -4 | 0 | -2 | 0 |
| 3/12/2016 16:58 | 72.7072917 | Deploying | 2 | 4710 | 2.62 | 1.43 | 2.68 | 8.03 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 16:58 | 72.7073032 | Winding down 1451 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 16:59 | 72.7076389 | Deploying | 2 | 4740 | 2.69 | 1.48 | 2.69 | 8 | 1856 | 1398 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 16:59 | 72.7079861 | Deploying | 2 | 4770 | 2.68 | 1.48 | 2.71 | 8 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 17:00 | 72.7083333 | Deploying | 2 | 4800 | 2.68 | 1.48 | 2.73 | 8 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 17:00 | 72.7086690 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:00 | 72.7086806 | Deploying | 2 | 4830 | 2.69 | 1.54 | 2.74 | 8.02 | 1667 | 1292 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 17:01 | 72.7090278 | Deploying | 2 | 4860 | 2.76 | 1.54 | 2.76 | 8.02 | 1667 | 67 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:01 | 72.7093750 | Deploying | 2 | 4890 | 2.75 | 1.54 | 2.78 | 8 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:02 | 72.7097222 | Deploying | 2 | 4920 | 2.75 | 1.54 | 2.8 | 7.98 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 17:02 | 72.7099769 | Winding down 1549 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:02 | 72.7100694 | Deploying | 2 | 4950 | 2.76 | 1.6 | 2.81 | 7.97 | 2002 | 1354 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 17:03 | 72.7104167 | Deploying | 2 | 4980 | 2.81 | 1.6 | 2.83 | 8 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:03 | 72.7107639 | Deploying | 2 | 5010 | 2.8 | 1.6 | 2.85 | 7.98 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 17:03 | 72.7110880 | Winding down 1434 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:04 | 72.7111111 | Deploying | 2 | 5040 | 2.81 | 1.65 | 2.86 | 7.98 | 2016 | 1342 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:04 | 72.7114583 | Deploying | 2 | 5070 | 2.87 | 1.65 | 2.88 | 8 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 17:05 | 72.7118056 | Deploying | 2 | 5100 | 2.88 | 1.65 | 2.9 | 8 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 17:05 | 72.7121528 | Deploying | 2 | 5130 | 2.88 | 1.65 | 2.91 | 8 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 17:06 | 72.7125000 | Deploying | 2 | 5160 | 2.88 | 1.65 | 2.93 | 8 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 17:06 | 72.7127083 | Winding down 1492 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:06 | 72.7128472 | Deploying | 2 | 5190 | 2.88 | 1.71 | 2.95 | 8 | 7 | 4 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:06 | 72.7130787 | Winding down 1970 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:07 | 72.7131944 | Deploying | 2 | 5220 | 2.9 | 1.78 | 2.97 | 8.02 | 2045 | 1524 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 17:07 | 72.7135417 | Deploying | 2 | 5250 | 2.96 | 1.78 | 2.98 | 8 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 17:08 | 72.7138889 | Deploying | 2 | 5280 | 2.96 | 1.78 | 3 | 7.97 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 17:08 | 72.7142245 | Winding down 1448 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:08 | 72.7142361 | Deploying | 2 | 5310 | 2.96 | 1.84 | 3.02 | 7.98 | 1671 | 1307 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 17:09 | 72.7145833 | Deploying | 2 | 5340 | 3.01 | 1.84 | 3.03 | 7.98 | 1671 | 70 | 0 | -3 | 0 | -1 | 0 |
| 3/12/2016 17:09 | 72.7149306 | Deploying | 2 | 5370 | 3.01 | 1.84 | 3.05 | 7.98 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:10 | 72.7152778 | Deploying | 2 | 5400 | 3.01 | 1.84 | 3.07 | 7.97 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 17:10 | 72.7154282 | Winding down 1621 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:10 | 72.7156250 | Deploying | 2 | 5430 | 3.05 | 1.9 | 3.08 | 7.98 | 1683 | 1325 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 17:11 | 72.7159722 | Deploying | 2 | 5460 | 3.08 | 1.9 | 3.1 | 8 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:11 | 72.7163194 | Deploying | 2 | 5490 | 3.09 | 1.9 | 3.12 | 8 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:12 | 72.7166667 | Deploying | 2 | 5520 | 3.08 | 1.9 | 3.14 | 7.98 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:12 | 72.7168750 | Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:12 | 72.7170139 | Deploying | 2 | 5550 | 3.11 | 1.95 | 3.15 | 7.98 | 1771 | 1401 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 17:13 | 72.7173611 | Deploying | 2 | 5580 | 3.14 | 1.95 | 3.17 | 8 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:13 | 72.7177083 | Deploying | 2 | 5610 | 3.14 | 1.95 | 3.19 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:13 | 72.7180440 | Winding down 1448 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:14 | 72.7180556 | Deploying | 2 | 5640 | 3.15 | 2.01 | 3.2 | 8 | 2060 | 1554 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 17:14 | 72.7184028 | Deploying | 2 | 5670 | 3.21 | 2.01 | 3.22 | 8 | 2060 | 53 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:15 | 72.7187500 | Deploying | 2 | 5700 | 3.21 | 2.01 | 3.24 | 7.98 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 17:15 | 72.7190972 | Deploying | 2 | 5730 | 3.22 | 2.01 | 3.25 | 7.98 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 17:16 | 72.7194444 | Deploying | 2 | 5760 | 3.22 | 2.01 | 3.27 | 7.98 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:16 | 72.7196412 | Winding down 1578 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:16 | 72.7197917 | Deploying | 2 | 5790 | 3.24 | 2.07 | 3.29 | 7.97 | 2177 | 1520 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 17:17 | 72.7201389 | Deploying | 2 | 5820 | 3.28 | 2.07 | 3.31 | 7.97 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 17:17 | 72.7204861 | Deploying | 2 | 5850 | 3.27 | 2.07 | 3.32 | 7.98 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 17:17 | 72.7206713 | Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:18 | 72.7208333 | Deploying | 2 | 5880 | 3.3 | 2.13 | 3.34 | 7.98 | 2192 | 1559 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:18 | 72.7211806 | Deploying | 2 | 5910 | 3.34 | 2.13 | 3.36 | 7.98 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:19 | 72.7215278 | Deploying | 2 | 5940 | 3.34 | 2.13 | 3.37 | 8.02 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 17:19 | 72.7218750 | Deploying | 2 | 5970 | 3.34 | 2.13 | 3.39 | 8 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 17:19 | 72.7220718 | Winding down 1378 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:20 | 72.7222222 | Deploying | 2 | 6000 | 3.37 | 2.18 | 3.41 | 8 | 2125 | 1430 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 17:20 | 72.7225694 | Deploying | 2 | 6030 | 3.39 | 2.18 | 3.42 | 8 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 3/12/2016 17:21 | 72.7229167 | Deploying | 2 | 6060 | 3.4 | 2.18 | 3.44 | 7.97 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 17:21 | 72.7232639 | Deploying | 2 | 6090 | 3.4 | 2.18 | 3.46 | 7.98 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 17:21 | 72.7233796 | Winding down 1604 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:22 | 72.7236111 | Deploying | 2 | 6120 | 3.44 | 2.24 | 3.48 | 7.97 | 1852 | 1413 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 17:22 | 72.7239583 | Deploying | 2 | 6150 | 3.48 | 2.24 | 3.49 | 7.98 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 17:23 | 72.7243056 | Deploying | 2 | 6180 | 3.47 | 2.24 | 3.51 | 7.98 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 17:23 | 72.7246412 | Winding down 1698 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:23 | 72.7246528 | Deploying | 2 | 6210 | 3.46 | 2.3 | 3.53 | 7.98 | 2154 | 1537 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 17:24 | 72.7250000 | Deploying | 2 | 6240 | 3.54 | 2.3 | 3.54 | 7.98 | 2154 | 75 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 17:24 | 72.7253472 | Deploying | 2 | 6270 | 3.54 | 2.3 | 3.56 | 8 | 0 | 0 | 0 | 0 | -2 | -2 | -2 |
| 3/12/2016 17:25 | 72.7256944 | Deploying | 2 | 6300 | 3.55 | 2.3 | 3.58 | 7.98 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:25 | 72.7260417 | Deploying | 2 | 6330 | 3.54 | 2.3 | 3.59 | 7.98 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 3/12/2016 17:25 | 72.7262963 | Winding down 1774 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:26 | 72.7263889 | Deploying | 2 | 6360 | 3.56 | 2.37 | 3.61 | 8 | 1646 | 1308 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 17:26 | 72.7267361 | Deploying | 2 | 6390 | 3.61 | 2.37 | 3.63 | 7.98 | 0 | 0 | 0 | -1 | -3 | -3 | -3 |
| 3/12/2016 17:27 | 72.7270833 | Deploying | 2 | 6420 | 3.61 | 2.37 | 3.65 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 17:27 | 72.7274306 | Deploying | 2 | 6450 | 3.62 | 2.37 | 3.66 | 7.98 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 17:28 | 72.7277778 | Deploying | 2 | 6480 | 3.63 | 2.37 | 3.68 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 17:28 | 72.7279745 | Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:28 | 72.7281250 | Deploying | 2 | 6510 | 3.65 | 2.43 | 3.7 | 7.97 | 2002 | 1492 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 17:29 | 72.7284722 | Deploying | 2 | 6540 | 3.68 | 2.43 | 3.71 | 7.98 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 17:29 | 72.7288194 | Deploying | 2 | 6570 | 3.68 | 2.43 | 3.73 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 17:29 | 72.7289236 | Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:30 | 72.7291667 | Deploying | 2 | 6600 | 3.72 | 2.49 | 3.75 | 7.97 | 2053 | 1329 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:30 | 72.7295139 | Deploying | 2 | 6630 | 3.74 | 2.49 | 3.76 | 7.95 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 17:31 | 72.7298611 | Deploying | 2 | 6660 | 3.75 | 2.49 | 3.78 | 7.97 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 17:31 | 72.7302083 | Deploying | 2 | 6690 | 3.74 | 2.49 | 3.8 | 7.98 | 0 | 0 | 0 | -3 | 1 | 0 | 1 |
| 3/12/2016 17:31 | 72.7303241 | Winding down 1479 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:32 | 72.7305556 | Deploying | 2 | 6720 | 3.79 | 2.54 | 3.82 | 7.98 | 1700 | 1334 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 17:32 | 72.7309028 | Deploying | 2 | 6750 | 3.81 | 2.54 | 3.83 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |

| 3/12/2016 17:33 | 72.7312500 Deploying | 2 | 6780 | 3.81 | 2.54 | 3.85 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:33 | 72.7315856 Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:33 | 72.7315972 Deploying | 2 | 6810 | 3.8 | 2.6 | 3.87 | 7.98 | 1995 | 1516 | 0 | 0 | -4 | -1 | -4 |
| 3/12/2016 17:34 | 72.7319444 Deploying | 2 | 6840 | 3.86 | 2.6 | 3.88 | 7.98 | 1995 | 58 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 17:34 | 72.7322917 Deploying | 2 | 6870 | 3.87 | 2.6 | 3.9 | 7.97 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 17:35 | 72.7326389 Deploying | 2 | 6900 | 3.87 | 2.6 | 3.92 | 7.98 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:35 | 72.7329167 Winding down 1552 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:35 | 72.7329861 Deploying | 2 | 6930 | 3.88 | 2.66 | 3.93 | 7.97 | 2026 | 1505 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 17:36 | 72.7333333 Deploying | 2 | 6960 | 3.93 | 2.66 | 3.95 | 7.95 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 17:36 | 72.7336806 Deploying | 2 | 6990 | 3.94 | 2.66 | 3.97 | 7.98 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 17:37 | 72.7340278 Deploying | 2 | 7020 | 3.93 | 2.66 | 3.99 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:37 | 72.7342593 Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:37 | 72.7343750 Deploying | 2 | 7050 | 3.96 | 2.72 | 4 | 7.97 | 2012 | 1499 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:38 | 72.7347222 Deploying | 2 | 7080 | 4 | 2.72 | 4.02 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 17:38 | 72.7350694 Deploying | 2 | 7110 | 4 | 2.72 | 4.04 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 17:39 | 72.7354167 Deploying | 2 | 7140 | 4 | 2.72 | 4.05 | 8 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:39 | 72.7356366 Winding down 1681 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:39 | 72.7357639 Deploying | 2 | 7170 | 4.03 | 2.78 | 4.07 | 7.98 | 2271 | 1564 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:40 | 72.7361111 Deploying | 2 | 7200 | 4.07 | 2.78 | 4.09 | 7.98 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 17:40 | 72.7364583 Deploying | 2 | 7230 | 4.08 | 2.78 | 4.1 | 7.98 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:41 | 72.7368056 Deploying | 2 | 7260 | 4.07 | 2.78 | 4.12 | 7.97 | 0 | 0 | 0 | -4 | -1 | -1 | -1 |
| 3/12/2016 17:41 | 72.7370602 Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:41 | 72.7371528 Deploying | 2 | 7290 | 4.09 | 2.84 | 4.14 | 7.95 | 2052 | 1477 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 17:42 | 72.7375000 Deploying | 2 | 7320 | 4.14 | 2.84 | 4.16 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:42 | 72.7378472 Deploying | 2 | 7350 | 4.13 | 2.84 | 4.17 | 7.94 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 17:43 | 72.7381944 Deploying | 2 | 7380 | 4.14 | 2.84 | 4.19 | 7.98 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 17:43 | 72.7382870 Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:43 | 72.7385417 Deploying | 2 | 7410 | 4.18 | 2.9 | 4.21 | 7.95 | 2217 | 1530 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 17:44 | 72.7388889 Deploying | 2 | 7440 | 4.2 | 2.9 | 4.22 | 7.95 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 17:44 | 72.7392361 Deploying | 2 | 7470 | 4.21 | 2.9 | 4.24 | 7.95 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 17:45 | 72.7395833 Deploying | 2 | 7500 | 4.2 | 2.9 | 4.26 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:45 | 72.7397685 Winding down 1514 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:45 | 72.7399306 Deploying | 2 | 7530 | 4.24 | 2.96 | 4.27 | 7.95 | 2028 | 1353 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 17:46 | 72.7402778 Deploying | 2 | 7560 | 4.26 | 2.96 | 4.29 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:46 | 72.7406250 Deploying | 2 | 7590 | 4.27 | 2.96 | 4.31 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 17:47 | 72.7409722 Deploying | 2 | 7620 | 4.26 | 2.96 | 4.33 | 7.98 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 17:47 | 72.7410301 Winding down 1608 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:47 | 72.7413194 Deploying | 2 | 7650 | 4.32 | 3.02 | 4.34 | 7.97 | 2006 | 1508 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 17:48 | 72.7416667 Deploying | 2 | 7680 | 4.33 | 3.02 | 4.36 | 8 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 17:48 | 72.7420139 Deploying | 2 | 7710 | 4.35 | 3.02 | 4.38 | 7.97 | 0 | 0 | 0 | -2 | 0 | -1 | 0 |
| 3/12/2016 17:49 | 72.7423611 Deploying | 2 | 7740 | 4.33 | 3.02 | 4.39 | 7.95 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 3/12/2016 17:49 | 72.7424306 Winding down 1672 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:49 | 72.7427083 Deploying | 2 | 7770 | 4.39 | 3.08 | 4.41 | 7.97 | 2225 | 1576 | 0 | 0 | -2 | 0 | -2 |
| 3/12/2016 17:50 | 72.7430556 Deploying | 2 | 7800 | 4.41 | 3.08 | 4.43 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:50 | 72.7434028 Deploying | 2 | 7830 | 4.41 | 3.08 | 4.44 | 7.97 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 17:51 | 72.7437500 Deploying | 2 | 7860 | 4.41 | 3.08 | 4.46 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:51 | 72.7438773 Winding down 1643 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:51 | 72.7440972 Deploying | 2 | 7890 | 4.45 | 3.14 | 4.48 | 7.97 | 2194 | 1549 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 17:52 | 72.7444444 Deploying | 2 | 7920 | 4.48 | 3.14 | 4.5 | 7.98 | 0 | 0 | 0 | 0 | -3 | -1 | -3 |
| 3/12/2016 17:52 | 72.7447917 Deploying | 2 | 7950 | 4.47 | 3.14 | 4.51 | 7.95 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 17:53 | 72.7451389 Deploying | 2 | 7980 | 4.48 | 3.14 | 4.53 | 7.97 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 17:53 | 72.7453356 Winding down 1453 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:53 | 72.7454861 Deploying | 2 | 8010 | 4.51 | 3.2 | 4.55 | 7.97 | 2093 | 1547 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 17:54 | 72.7458333 Deploying | 2 | 8040 | 4.54 | 3.2 | 4.56 | 8 | 0 | 0 | 0 | 0 | -2 | -1 | -2 |

| Date/Time | Value | Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:54 | 72.7461806 | Deploying | 2 | 8070 | 4.54 | 3.2 | 4.58 | 7.95 | 0 | 0 | 0 | -2 | 0 | -1 | 0 |
| 3/12/2016 17:55 | 72.7465278 | Deploying | 2 | 8100 | 4.53 | 3.2 | 4.6 | 8 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 17:55 | 72.7466204 | Winding down 1725 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:55 | 72.7468750 | Deploying | 2 | 8130 | 4.59 | 3.26 | 4.61 | 7.97 | 2012 | 1446 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 17:56 | 72.7472222 | Deploying | 2 | 8160 | 4.61 | 3.26 | 4.63 | 7.97 | 0 | 0 | 0 | 0 | -3 | -1 | -3 |
| 3/12/2016 17:56 | 72.7475694 | Deploying | 2 | 8190 | 4.61 | 3.26 | 4.65 | 7.98 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 17:57 | 72.7479167 | Deploying | 2 | 8220 | 4.61 | 3.26 | 4.67 | 8 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 17:57 | 72.7480556 | Winding down 1457 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:57 | 72.7482639 | Deploying | 2 | 8250 | 4.64 | 3.32 | 4.68 | 7.97 | 2029 | 1528 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:58 | 72.7486111 | Deploying | 2 | 8280 | 4.66 | 3.32 | 4.7 | 7.98 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 17:58 | 72.7489583 | Deploying | 2 | 8310 | 4.67 | 3.32 | 4.72 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 17:58 | 72.7492245 | Winding down 1388 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:59 | 72.7493056 | Deploying | 2 | 8340 | 4.69 | 3.37 | 4.73 | 8 | 2204 | 1557 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 17:59 | 72.7496528 | Deploying | 2 | 8370 | 4.73 | 3.37 | 4.75 | 7.98 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 18:00 | 72.7500000 | Deploying | 2 | 8400 | 4.74 | 3.37 | 4.77 | 7.98 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:00 | 72.7503472 | Deploying | 2 | 8430 | 4.73 | 3.37 | 4.78 | 7.97 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 3/12/2016 18:00 | 72.7506019 | Winding down 1649 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:01 | 72.7506944 | Deploying | 2 | 8460 | 4.75 | 3.43 | 4.8 | 7.97 | 1935 | 1410 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:01 | 72.7510417 | Deploying | 2 | 8490 | 4.8 | 3.43 | 4.82 | 7.98 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:02 | 72.7513889 | Deploying | 2 | 8520 | 4.78 | 3.43 | 4.84 | 7.98 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 18:02 | 72.7516204 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:02 | 72.7517361 | Deploying | 2 | 8550 | 4.82 | 3.49 | 4.85 | 7.98 | 2040 | 1528 | 0 | -1 | -4 | -2 | -4 |
| 3/12/2016 18:03 | 72.7520833 | Deploying | 2 | 8580 | 4.85 | 3.49 | 4.87 | 8 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 18:03 | 72.7524306 | Deploying | 2 | 8610 | 4.86 | 3.49 | 4.89 | 7.98 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:04 | 72.7527778 | Deploying | 2 | 8640 | 4.86 | 3.49 | 4.9 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:04 | 72.7530787 | Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:04 | 72.7531250 | Deploying | 2 | 8670 | 4.87 | 3.54 | 4.92 | 7.95 | 1993 | 1502 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 18:05 | 72.7534722 | Deploying | 2 | 8700 | 4.92 | 3.54 | 4.94 | 7.98 | 0 | 0 | 0 | -4 | -1 | -1 | -1 |
| 3/12/2016 18:05 | 72.7538194 | Deploying | 2 | 8730 | 4.93 | 3.54 | 4.95 | 7.95 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 3/12/2016 18:06 | 72.7541667 | Deploying | 2 | 8760 | 4.92 | 3.54 | 4.97 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:06 | 72.7543750 | Winding down 1492 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:06 | 72.7545139 | Deploying | 2 | 8790 | 4.95 | 3.6 | 4.99 | 7.97 | 2053 | 1549 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:07 | 72.7548611 | Deploying | 2 | 8820 | 4.98 | 3.6 | 5.01 | 8 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 18:07 | 72.7552083 | Deploying | 2 | 8850 | 4.98 | 3.6 | 5.02 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:08 | 72.7555556 | Deploying | 2 | 8880 | 4.98 | 3.6 | 5.04 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:08 | 72.7556366 | Winding down 1661 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:08 | 72.7559028 | Deploying | 2 | 8910 | 5.04 | 3.66 | 5.06 | 7.98 | 2000 | 1367 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 18:09 | 72.7562500 | Deploying | 2 | 8940 | 5.05 | 3.66 | 5.07 | 7.98 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:09 | 72.7565972 | Deploying | 2 | 8970 | 5.05 | 3.66 | 5.09 | 7.95 | 0 | 0 | 0 | -4 | 0 | -1 | 0 |
| 3/12/2016 18:10 | 72.7569444 | Deploying | 2 | 9000 | 5.06 | 3.66 | 5.11 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:10 | 72.7569676 | Winding down 1315 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:10 | 72.7572917 | Deploying | 2 | 9030 | 5.11 | 3.71 | 5.12 | 7.95 | 2016 | 1515 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:11 | 72.7576389 | Deploying | 2 | 9060 | 5.12 | 3.71 | 5.14 | 7.97 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 18:11 | 72.7579861 | Deploying | 2 | 9090 | 5.1 | 3.71 | 5.16 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:11 | 72.7582755 | Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:12 | 72.7583333 | Deploying | 2 | 9120 | 5.12 | 3.77 | 5.18 | 7.98 | 2066 | 1558 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:12 | 72.7586806 | Deploying | 2 | 9150 | 5.17 | 3.77 | 5.19 | 7.95 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:13 | 72.7590278 | Deploying | 2 | 9180 | 5.18 | 3.77 | 5.21 | 7.97 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:13 | 72.7593750 | Deploying | 2 | 9210 | 5.17 | 3.77 | 5.23 | 7.95 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 18:13 | 72.7595255 | Winding down 1621 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:14 | 72.7597222 | Deploying | 2 | 9240 | 5.21 | 3.83 | 5.24 | 7.98 | 1731 | 1341 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:14 | 72.7600694 | Deploying | 2 | 9270 | 5.24 | 3.83 | 5.26 | 7.98 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 18:15 | 72.7604167 | Deploying | 2 | 9300 | 5.25 | 3.83 | 5.28 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 18:15 | 72.7607639 | Deploying | 2 | 9330 | 5.24 | 3.83 | 5.29 | 7.97 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:15 | 72.7610185 | Winding down 1699 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:16 | 72.7611111 | Deploying | 2 | 9360 | 5.26 | 3.9 | 5.31 | 7.98 | 1700 | 1312 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 18:16 | 72.7614583 | Deploying | 2 | 9390 | 5.31 | 3.9 | 5.33 | 7.97 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 18:17 | 72.7618056 | Deploying | 2 | 9420 | 5.32 | 3.9 | 5.35 | 7.97 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 18:17 | 72.7621528 | Deploying | 2 | 9450 | 5.31 | 3.9 | 5.36 | 7.97 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 18:18 | 72.7625000 | Deploying | 2 | 9480 | 5.32 | 3.9 | 5.38 | 7.97 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:18 | 72.7625694 | Winding down 1647 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:18 | 72.7628472 | Deploying | 2 | 9510 | 5.37 | 3.96 | 5.4 | 7.95 | 2226 | 1565 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:19 | 72.7631944 | Deploying | 2 | 9540 | 5.38 | 3.96 | 5.41 | 7.95 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 18:19 | 72.7635417 | Deploying | 2 | 9570 | 5.39 | 3.96 | 5.43 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:20 | 72.7638889 | Deploying | 2 | 9600 | 5.39 | 3.96 | 5.45 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:20 | 72.7639352 | Winding down 1594 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:20 | 72.7642361 | Deploying | 2 | 9630 | 5.44 | 4.02 | 5.46 | 7.97 | 1648 | 1297 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 18:21 | 72.7645833 | Deploying | 2 | 9660 | 5.45 | 4.02 | 5.48 | 7.97 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:21 | 72.7649306 | Deploying | 2 | 9690 | 5.45 | 4.02 | 5.5 | 7.98 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:21 | 72.7651620 | Winding down 1595 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:22 | 72.7652778 | Deploying | 2 | 9720 | 5.47 | 4.08 | 5.52 | 7.94 | 2135 | 1443 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:22 | 72.7656250 | Deploying | 2 | 9750 | 5.52 | 4.08 | 5.53 | 7.97 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:23 | 72.7659722 | Deploying | 2 | 9780 | 5.51 | 4.08 | 5.55 | 7.97 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:23 | 72.7663194 | Deploying | 2 | 9810 | 5.51 | 4.08 | 5.57 | 7.97 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:23 | 72.7664583 | Winding down 1807 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:24 | 72.7666667 | Deploying | 2 | 9840 | 5.55 | 4.15 | 5.58 | 7.97 | 2219 | 1521 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:24 | 72.7670139 | Deploying | 2 | 9870 | 5.59 | 4.15 | 5.6 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:25 | 72.7673611 | Deploying | 2 | 9900 | 5.59 | 4.15 | 5.62 | 7.95 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:25 | 72.7677083 | Deploying | 2 | 9930 | 5.6 | 4.15 | 5.63 | 7.97 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:26 | 72.7680556 | Deploying | 2 | 9960 | 5.6 | 4.15 | 5.65 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:26 | 72.7681481 | Winding down 1575 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:26 | 72.7684028 | Deploying | 2 | 9990 | 5.64 | 4.21 | 5.67 | 7.94 | 2220 | 1565 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:27 | 72.7687500 | Deploying | 2 | 10020 | 5.66 | 4.21 | 5.69 | 7.97 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 18:27 | 72.7690972 | Deploying | 2 | 10050 | 5.65 | 4.21 | 5.7 | 8 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:27 | 72.7693171 | Winding down 1456 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:28 | 72.7694444 | Deploying | 2 | 10080 | 5.68 | 4.27 | 5.72 | 7.97 | 2045 | 1516 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 18:28 | 72.7697917 | Deploying | 2 | 10110 | 5.72 | 4.27 | 5.74 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 18:29 | 72.7701389 | Deploying | 2 | 10140 | 5.72 | 4.27 | 5.75 | 8 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 18:29 | 72.7704861 | Deploying | 2 | 10170 | 5.72 | 4.27 | 5.77 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:29 | 72.7707870 | Winding down 1630 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:30 | 72.7708333 | Deploying | 2 | 10200 | 5.73 | 4.33 | 5.79 | 7.97 | 2001 | 1525 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 18:30 | 72.7711806 | Deploying | 2 | 10230 | 5.79 | 4.33 | 5.8 | 7.97 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 18:31 | 72.7715278 | Deploying | 2 | 10260 | 5.79 | 4.33 | 5.82 | 7.98 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:31 | 72.7718750 | Deploying | 2 | 10290 | 5.79 | 4.33 | 5.84 | 7.98 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:31 | 72.7721759 | Winding down 1755 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:32 | 72.7722222 | Deploying | 2 | 10320 | 5.79 | 4.4 | 5.86 | 7.97 | 1863 | 1428 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:32 | 72.7725694 | Deploying | 2 | 10350 | 5.86 | 4.4 | 5.87 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:33 | 72.7729167 | Deploying | 2 | 10380 | 5.86 | 4.4 | 5.89 | 7.97 | 0 | 0 | 0 | -3 | 0 | -2 | 0 |
| 3/12/2016 18:33 | 72.7732639 | Deploying | 2 | 10410 | 5.86 | 4.4 | 5.91 | 7.98 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 18:34 | 72.7736111 | Deploying | 2 | 10440 | 5.87 | 4.4 | 5.92 | 7.98 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 18:34 | 72.7737037 | Winding down 1650 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:34 | 72.7739583 | Deploying | 2 | 10470 | 5.91 | 4.46 | 5.94 | 7.98 | 2200 | 1438 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:35 | 72.7743056 | Deploying | 2 | 10500 | 5.93 | 4.46 | 5.96 | 8 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 18:35 | 72.7746528 | Deploying | 2 | 10530 | 5.93 | 4.46 | 5.97 | 7.98 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:36 | 72.7750000 | Deploying | 2 | 10560 | 5.94 | 4.46 | 5.99 | 8 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 18:36 | 72.7751505 | Winding down 1721 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 18:36 | 72.7753472 | Deploying | 2 | 10590 | 5.97 | 4.52 | 6.01 | 7.98 | 1653 | 1279 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 18:37 | 72.7756944 | Deploying | 2 | 10620 | 6 | 4.52 | 6.03 | 7.98 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |

| 3/12/2016 18:37 | 72.7760417 Deploying | 2 | 10650 | 6 | 4.52 | 6.04 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:38 | 72.7763889 Deploying | 2 | 10680 | 6 | 4.52 | 6.06 | 7.98 | 0 | 0 | 0 | -2 | 0 | 0 | 0 |
| 3/12/2016 18:38 | 72.7764120 Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:38 | 72.7767361 Deploying | 2 | 10710 | 6.06 | 4.59 | 6.08 | 7.95 | 2041 | 1530 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:39 | 72.7770833 Deploying | 2 | 10740 | 6.08 | 4.59 | 6.09 | 7.97 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:39 | 72.7774306 Deploying | 2 | 10770 | 6.07 | 4.59 | 6.11 | 7.94 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 18:40 | 72.7777778 Deploying | 2 | 10800 | 6.08 | 4.59 | 6.13 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:40 | 72.7778935 Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:40 | 72.7781250 Deploying | 2 | 10830 | 6.11 | 4.64 | 6.14 | 7.94 | 2037 | 1501 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 18:41 | 72.7784722 Deploying | 2 | 10860 | 6.15 | 4.64 | 6.16 | 7.97 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:41 | 72.7788194 Deploying | 2 | 10890 | 6.14 | 4.64 | 6.18 | 7.94 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 18:42 | 72.7791667 Deploying | 2 | 10920 | 6.15 | 4.64 | 6.2 | 7.95 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 3/12/2016 18:42 | 72.7794213 Winding down 1774 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:42 | 72.7795139 Deploying | 2 | 10950 | 6.16 | 4.71 | 6.21 | 7.97 | 2074 | 1564 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:43 | 72.7798611 Deploying | 2 | 10980 | 6.23 | 4.71 | 6.23 | 7.95 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 18:43 | 72.7802083 Deploying | 2 | 11010 | 6.23 | 4.71 | 6.25 | 7.97 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:44 | 72.7805556 Deploying | 2 | 11040 | 6.23 | 4.71 | 6.26 | 7.97 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:44 | 72.7809028 Deploying | 2 | 11070 | 6.23 | 4.71 | 6.28 | 7.97 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:44 | 72.7811690 Winding down 1488 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:45 | 72.7812500 Deploying | 2 | 11100 | 6.25 | 4.77 | 6.3 | 7.94 | 1992 | 1372 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:45 | 72.7815972 Deploying | 2 | 11130 | 6.31 | 4.77 | 6.31 | 7.97 | 0 | 0 | 0 | -3 | 0 | -1 | 0 |
| 3/12/2016 18:46 | 72.7819444 Deploying | 2 | 11160 | 6.3 | 4.77 | 6.33 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:46 | 72.7822917 Deploying | 2 | 11190 | 6.32 | 4.77 | 6.35 | 7.97 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:47 | 72.7826389 Deploying | 2 | 11220 | 6.31 | 4.77 | 6.37 | 7.97 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 18:47 | 72.7828009 Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:47 | 72.7829861 Deploying | 2 | 11250 | 6.34 | 4.83 | 6.38 | 7.95 | 1994 | 1329 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:48 | 72.7833333 Deploying | 2 | 11280 | 6.38 | 4.83 | 6.4 | 7.92 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:48 | 72.7836806 Deploying | 2 | 11310 | 6.38 | 4.83 | 6.42 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 18:49 | 72.7840278 Deploying | 2 | 11340 | 6.39 | 4.83 | 6.43 | 7.97 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:49 | 72.7843403 Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:49 | 72.7843750 Deploying | 2 | 11370 | 6.39 | 4.89 | 6.45 | 7.95 | 1708 | 1322 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:50 | 72.7847222 Deploying | 2 | 11400 | 6.45 | 4.89 | 6.47 | 7.97 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 18:50 | 72.7850694 Deploying | 2 | 11430 | 6.47 | 4.89 | 6.48 | 7.98 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:51 | 72.7854167 Deploying | 2 | 11460 | 6.46 | 4.89 | 6.5 | 8 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:51 | 72.7857639 Deploying | 2 | 11490 | 6.46 | 4.89 | 6.52 | 7.98 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:51 | 72.7857986 Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:52 | 72.7861111 Deploying | 2 | 11520 | 6.51 | 4.96 | 6.54 | 7.94 | 2002 | 1532 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 18:52 | 72.7864583 Deploying | 2 | 11550 | 6.52 | 4.96 | 6.55 | 7.97 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 18:53 | 72.7868056 Deploying | 2 | 11580 | 6.53 | 4.96 | 6.57 | 7.95 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 18:53 | 72.7871528 Deploying | 2 | 11610 | 6.54 | 4.96 | 6.59 | 7.97 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 18:53 | 72.7872338 Winding down 1361 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:54 | 72.7875000 Deploying | 2 | 11640 | 6.57 | 5.01 | 6.6 | 7.97 | 2055 | 1539 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 18:54 | 72.7878472 Deploying | 2 | 11670 | 6.6 | 5.01 | 6.62 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:55 | 72.7881944 Deploying | 2 | 11700 | 6.6 | 5.01 | 6.64 | 7.95 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 18:55 | 72.7885417 Deploying | 2 | 11730 | 6.59 | 5.01 | 6.65 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 18:55 | 72.7886227 Winding down 1561 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:56 | 72.7888889 Deploying | 2 | 11760 | 6.65 | 5.07 | 6.67 | 7.95 | 2035 | 1536 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 18:56 | 72.7892361 Deploying | 2 | 11790 | 6.66 | 5.07 | 6.69 | 7.95 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 18:57 | 72.7895833 Deploying | 2 | 11820 | 6.66 | 5.07 | 6.71 | 7.94 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 18:57 | 72.7898380 Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:57 | 72.7899306 Deploying | 2 | 11850 | 6.67 | 5.13 | 6.72 | 7.97 | 1730 | 1343 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 18:58 | 72.7902778 Deploying | 2 | 11880 | 6.72 | 5.13 | 6.74 | 7.98 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 18:58 | 72.7906250 Deploying | 2 | 11910 | 6.73 | 5.13 | 6.76 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 18:59 | 72.7909722 Deploying | 2 | 11940 | 6.73 | 5.13 | 6.77 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:59 | 72.7912616 | Winding down 1741 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:59 | 72.7913194 | Deploying | 2 | 11970 | 6.73 | 5.19 | 6.79 | 7.95 | 2084 | 1554 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 19:00 | 72.7916667 | Deploying | 2 | 12000 | 6.8 | 5.19 | 6.81 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:00 | 72.7920139 | Deploying | 2 | 12030 | 6.8 | 5.19 | 6.82 | 7.94 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 19:01 | 72.7923611 | Deploying | 2 | 12060 | 6.81 | 5.19 | 6.84 | 7.97 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 19:01 | 72.7927083 | Deploying | 2 | 12090 | 6.81 | 5.19 | 6.86 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:01 | 72.7929977 | Winding down 1791 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:02 | 72.7930556 | Deploying | 2 | 12120 | 6.81 | 5.26 | 6.88 | 7.95 | 2243 | 1570 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 19:02 | 72.7934028 | Deploying | 2 | 12150 | 6.87 | 5.26 | 6.89 | 7.98 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 19:03 | 72.7937500 | Deploying | 2 | 12180 | 6.88 | 5.26 | 6.91 | 7.95 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 19:03 | 72.7940972 | Deploying | 2 | 12210 | 6.88 | 5.26 | 6.93 | 7.95 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 19:03 | 72.7943866 | Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:04 | 72.7944444 | Deploying | 2 | 12240 | 6.89 | 5.32 | 6.94 | 7.97 | 1942 | 1468 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 19:04 | 72.7947917 | Deploying | 2 | 12270 | 6.95 | 5.32 | 6.96 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:05 | 72.7951389 | Deploying | 2 | 12300 | 6.95 | 5.32 | 6.98 | 7.97 | 0 | 0 | 0 | -3 | 0 | -1 | 0 |
| 3/12/2016 19:05 | 72.7954861 | Deploying | 2 | 12330 | 6.95 | 5.32 | 6.99 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:05 | 72.7957523 | Winding down 1488 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:06 | 72.7958333 | Deploying | 2 | 12360 | 6.96 | 5.38 | 7.01 | 7.98 | 1996 | 1521 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 19:06 | 72.7961806 | Deploying | 2 | 12390 | 7 | 5.38 | 7.03 | 7.95 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 19:07 | 72.7965278 | Deploying | 2 | 12420 | 7.01 | 5.38 | 7.05 | 7.97 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:07 | 72.7968750 | Deploying | 2 | 12450 | 7.02 | 5.38 | 7.06 | 7.98 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 19:08 | 72.7972222 | Deploying | 2 | 12480 | 7.01 | 5.38 | 7.08 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:08 | 72.7972338 | Winding down 1676 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:08 | 72.7975694 | Deploying | 2 | 12510 | 7.08 | 5.44 | 7.1 | 7.94 | 1956 | 1435 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:09 | 72.7979167 | Deploying | 2 | 12540 | 7.08 | 5.44 | 7.11 | 7.94 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 19:09 | 72.7982639 | Deploying | 2 | 12570 | 7.09 | 5.44 | 7.13 | 7.97 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 19:09 | 72.7985764 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:10 | 72.7986111 | Deploying | 2 | 12600 | 7.09 | 5.5 | 7.15 | 7.95 | 2043 | 1539 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:10 | 72.7989583 | Deploying | 2 | 12630 | 7.13 | 5.5 | 7.16 | 7.95 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 19:11 | 72.7993056 | Deploying | 2 | 12660 | 7.13 | 5.5 | 7.18 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:11 | 72.7994444 | Winding down 1482 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:11 | 72.7996528 | Deploying | 2 | 12690 | 7.16 | 5.56 | 7.2 | 7.94 | 2071 | 1481 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:12 | 72.8000000 | Deploying | 2 | 12720 | 7.2 | 5.56 | 7.22 | 7.94 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 19:12 | 72.8003472 | Deploying | 2 | 12750 | 7.19 | 5.56 | 7.23 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:13 | 72.8006944 | Deploying | 2 | 12780 | 7.19 | 5.56 | 7.25 | 7.94 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:13 | 72.8007755 | Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:13 | 72.8010417 | Deploying | 2 | 12810 | 7.25 | 5.62 | 7.27 | 7.95 | 2001 | 1310 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:14 | 72.8013889 | Deploying | 2 | 12840 | 7.26 | 5.62 | 7.28 | 7.97 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:14 | 72.8017361 | Deploying | 2 | 12870 | 7.26 | 5.62 | 7.3 | 7.94 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:15 | 72.8020833 | Deploying | 2 | 12900 | 7.26 | 5.62 | 7.32 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 19:15 | 72.8022569 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:15 | 72.8024306 | Deploying | 2 | 12930 | 7.3 | 5.67 | 7.33 | 7.94 | 1999 | 1505 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:16 | 72.8027778 | Deploying | 2 | 12960 | 7.32 | 5.67 | 7.35 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:16 | 72.8031250 | Deploying | 2 | 12990 | 7.33 | 5.67 | 7.37 | 7.97 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:17 | 72.8034722 | Deploying | 2 | 13020 | 7.33 | 5.67 | 7.39 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:17 | 72.8036690 | Winding down 1703 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:17 | 72.8038194 | Deploying | 2 | 13050 | 7.36 | 5.74 | 7.4 | 7.95 | 2087 | 1513 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 19:18 | 72.8041667 | Deploying | 2 | 13080 | 7.39 | 5.74 | 7.42 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:18 | 72.8045139 | Deploying | 2 | 13110 | 7.4 | 5.74 | 7.44 | 7.97 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 19:19 | 72.8048611 | Deploying | 2 | 13140 | 7.4 | 5.74 | 7.45 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:19 | 72.8050463 | Winding down 1414 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:19 | 72.8052083 | Deploying | 2 | 13170 | 7.44 | 5.79 | 7.47 | 7.97 | 1958 | 1466 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 19:20 | 72.8055556 | Deploying | 2 | 13200 | 7.47 | 5.79 | 7.49 | 7.94 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 19:20 | 72.8059028 | Deploying | 2 | 13230 | 7.47 | 5.79 | 7.5 | 7.97 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |

| Date | Value / Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:21 | 72.8062500 Deploying | 2 | 13260 | 7.46 | 5.79 | 7.52 | 7.95 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 19:21 | 72.8063889 Winding down 1707 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:21 | 72.8065972 Deploying | 2 | 13290 | 7.5 | 5.86 | 7.54 | 7.95 | 2218 | 1534 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 19:22 | 72.8069444 Deploying | 2 | 13320 | 7.54 | 5.86 | 7.56 | 7.94 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:22 | 72.8072917 Deploying | 2 | 13350 | 7.54 | 5.86 | 7.57 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:23 | 72.8076389 Deploying | 2 | 13380 | 7.54 | 5.86 | 7.59 | 7.95 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 19:23 | 72.8078704 Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:23 | 72.8079861 Deploying | 2 | 13410 | 7.56 | 5.92 | 7.61 | 7.95 | 2022 | 1512 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:24 | 72.8083333 Deploying | 2 | 13440 | 7.61 | 5.92 | 7.62 | 7.94 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 19:24 | 72.8086806 Deploying | 2 | 13470 | 7.61 | 5.92 | 7.64 | 7.9 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:25 | 72.8090278 Deploying | 2 | 13500 | 7.61 | 5.92 | 7.66 | 7.94 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 19:25 | 72.8092245 Winding down 1628 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:25 | 72.8093750 Deploying | 2 | 13530 | 7.64 | 5.98 | 7.67 | 7.94 | 2214 | 1556 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:26 | 72.8097222 Deploying | 2 | 13560 | 7.68 | 5.98 | 7.69 | 7.95 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 19:26 | 72.8100694 Deploying | 2 | 13590 | 7.68 | 5.98 | 7.71 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:27 | 72.8104167 Deploying | 2 | 13620 | 7.67 | 5.98 | 7.73 | 7.95 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 19:27 | 72.8107060 Winding down 1691 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:27 | 72.8107639 Deploying | 2 | 13650 | 7.69 | 6.05 | 7.74 | 7.94 | 2229 | 1557 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 19:28 | 72.8111111 Deploying | 2 | 13680 | 7.76 | 6.05 | 7.76 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:28 | 72.8114583 Deploying | 2 | 13710 | 7.75 | 6.05 | 7.78 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:29 | 72.8118056 Deploying | 2 | 13740 | 7.76 | 6.05 | 7.79 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:29 | 72.8121528 Deploying | 2 | 13770 | 7.76 | 6.05 | 7.81 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:29 | 72.8123958 Winding down 1435 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:30 | 72.8125000 Deploying | 2 | 13800 | 7.78 | 6.1 | 7.83 | 7.94 | 2196 | 1550 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 19:30 | 72.8128472 Deploying | 2 | 13830 | 7.82 | 6.1 | 7.84 | 7.97 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 19:31 | 72.8131944 Deploying | 2 | 13860 | 7.82 | 6.1 | 7.86 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:31 | 72.8135417 Deploying | 2 | 13890 | 7.82 | 6.1 | 7.88 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:31 | 72.8136921 Winding down 1496 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:32 | 72.8138889 Deploying | 2 | 13920 | 7.86 | 6.16 | 7.9 | 7.92 | 1993 | 1491 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:32 | 72.8142361 Deploying | 2 | 13950 | 7.9 | 6.16 | 7.91 | 7.94 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 19:33 | 72.8145833 Deploying | 2 | 13980 | 7.9 | 6.16 | 7.93 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:33 | 72.8149306 Deploying | 2 | 14010 | 7.9 | 6.16 | 7.95 | 7.92 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:34 | 72.8152778 Deploying | 2 | 14040 | 7.9 | 6.16 | 7.96 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:34 | 72.8153472 Winding down 1722 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:34 | 72.8156250 Deploying | 2 | 14070 | 7.96 | 6.22 | 7.98 | 7.95 | 2024 | 1501 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:35 | 72.8159722 Deploying | 2 | 14100 | 7.97 | 6.22 | 8 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:35 | 72.8163194 Deploying | 2 | 14130 | 7.98 | 6.22 | 8.01 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:36 | 72.8166667 Deploying | 2 | 14160 | 7.98 | 6.22 | 8.03 | 7.95 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 19:36 | 72.8168056 Winding down 1757 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:36 | 72.8170139 Deploying | 2 | 14190 | 8.01 | 6.29 | 8.05 | 7.94 | 2029 | 1511 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:37 | 72.8173611 Deploying | 2 | 14220 | 8.04 | 6.29 | 8.07 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:37 | 72.8177083 Deploying | 2 | 14250 | 8.05 | 6.29 | 8.08 | 7.92 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 19:38 | 72.8180556 Deploying | 2 | 14280 | 8.06 | 6.29 | 8.1 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:38 | 72.8183333 Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:38 | 72.8184028 Deploying | 2 | 14310 | 8.06 | 6.35 | 8.12 | 7.94 | 2008 | 1314 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:39 | 72.8187500 Deploying | 2 | 14340 | 8.11 | 6.35 | 8.13 | 7.94 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:39 | 72.8190972 Deploying | 2 | 14370 | 8.12 | 6.35 | 8.15 | 7.95 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 19:40 | 72.8194444 Deploying | 2 | 14400 | 8.12 | 6.35 | 8.17 | 7.95 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 19:40 | 72.8196875 Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:40 | 72.8197917 Deploying | 2 | 14430 | 8.14 | 6.41 | 8.18 | 7.92 | 1998 | 1364 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:41 | 72.8201389 Deploying | 2 | 14460 | 8.19 | 6.41 | 8.2 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:41 | 72.8204861 Deploying | 2 | 14490 | 8.19 | 6.41 | 8.22 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:42 | 72.8208333 Deploying | 2 | 14520 | 8.19 | 6.41 | 8.24 | 7.97 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 19:42 | 72.8210995 Winding down 1363 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:42 | 72.8211806 Deploying | | 2 | 14550 | 8.21 | 6.46 | 8.25 | 7.95 | 1998 | 1470 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 19:43 | 72.8215278 Deploying | | 2 | 14580 | 8.25 | 6.46 | 8.27 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:43 | 72.8218750 Deploying | | 2 | 14610 | 8.25 | 6.46 | 8.29 | 7.94 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 19:44 | 72.8222222 Deploying | | 2 | 14640 | 8.25 | 6.46 | 8.3 | 7.97 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:44 | 72.8224537 Winding down 1820 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:44 | 72.8225694 Deploying | | 2 | 14670 | 8.27 | 6.53 | 8.32 | 7.92 | 2005 | 1474 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:45 | 72.8229167 Deploying | | 2 | 14700 | 8.34 | 6.53 | 8.34 | 7.94 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 19:45 | 72.8232639 Deploying | | 2 | 14730 | 8.33 | 6.53 | 8.35 | 7.94 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 19:46 | 72.8236111 Deploying | | 2 | 14760 | 8.34 | 6.53 | 8.37 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:46 | 72.8239583 Deploying | | 2 | 14790 | 8.33 | 6.53 | 8.39 | 7.9 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 19:46 | 72.8240394 Winding down 1461 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:47 | 72.8243056 Deploying | | 2 | 14820 | 8.38 | 6.59 | 8.41 | 7.95 | 2015 | 1370 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 19:47 | 72.8246528 Deploying | | 2 | 14850 | 8.4 | 6.59 | 8.42 | 7.95 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 19:48 | 72.8250000 Deploying | | 2 | 14880 | 8.4 | 6.59 | 8.44 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:48 | 72.8253472 Deploying | | 2 | 14910 | 8.4 | 6.59 | 8.46 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:48 | 72.8253935 Winding down 1669 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:49 | 72.8256944 Deploying | | 2 | 14940 | 8.45 | 6.65 | 8.47 | 7.94 | 2029 | 1365 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 19:49 | 72.8260417 Deploying | | 2 | 14970 | 8.47 | 6.65 | 8.49 | 7.94 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:50 | 72.8263889 Deploying | | 2 | 15000 | 8.47 | 6.65 | 8.51 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:50 | 72.8267361 Deploying | | 2 | 15030 | 8.48 | 6.65 | 8.52 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:50 | 72.8269907 Winding down 1499 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:51 | 72.8270833 Deploying | | 2 | 15060 | 8.49 | 6.71 | 8.54 | 7.89 | 2006 | 1489 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 19:51 | 72.8274306 Deploying | | 2 | 15090 | 8.54 | 6.71 | 8.56 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:52 | 72.8277778 Deploying | | 2 | 15120 | 8.54 | 6.71 | 8.58 | 7.94 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 19:52 | 72.8281250 Deploying | | 2 | 15150 | 8.54 | 6.71 | 8.59 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:52 | 72.8282292 Winding down 1490 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:53 | 72.8284722 Deploying | | 2 | 15180 | 8.6 | 6.77 | 8.61 | 7.94 | 2065 | 1452 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 19:53 | 72.8288194 Deploying | | 2 | 15210 | 8.63 | 6.77 | 8.63 | 7.92 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 19:54 | 72.8291667 Deploying | | 2 | 15240 | 8.62 | 6.77 | 8.64 | 7.92 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 19:54 | 72.8295139 Deploying | | 2 | 15270 | 8.61 | 6.77 | 8.66 | 7.92 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 19:55 | 72.8298611 Deploying | | 2 | 15300 | 8.62 | 6.77 | 8.68 | 7.92 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 19:55 | 72.8298611 Winding down 1437 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:55 | 72.8302083 Deploying | | 2 | 15330 | 8.68 | 6.82 | 8.69 | 7.94 | 2021 | 1327 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 19:56 | 72.8305556 Deploying | | 2 | 15360 | 8.68 | 6.82 | 8.71 | 7.95 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 19:56 | 72.8309028 Deploying | | 2 | 15390 | 8.69 | 6.82 | 8.73 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:57 | 72.8312500 Deploying | | 2 | 15420 | 8.69 | 6.82 | 8.75 | 7.89 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 19:57 | 72.8313889 Winding down 1682 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:57 | 72.8315972 Deploying | | 2 | 15450 | 8.72 | 6.89 | 8.76 | 7.94 | 1661 | 1271 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 19:58 | 72.8319444 Deploying | | 2 | 15480 | 8.75 | 6.89 | 8.78 | 7.94 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 19:58 | 72.8322917 Deploying | | 2 | 15510 | 8.75 | 6.89 | 8.8 | 7.95 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 19:58 | 72.8325347 Winding down 1410 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 19:59 | 72.8326389 Deploying | | 2 | 15540 | 8.77 | 6.94 | 8.81 | 7.94 | 2034 | 1317 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 19:59 | 72.8329861 Deploying | | 2 | 15570 | 8.81 | 6.94 | 8.83 | 7.89 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 20:00 | 72.8333333 Deploying | | 2 | 15600 | 8.81 | 6.94 | 8.85 | 7.92 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:00 | 72.8336806 Deploying | | 2 | 15630 | 8.81 | 6.94 | 8.86 | 7.9 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 20:00 | 72.8339699 Winding down 1941 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 20:01 | 72.8340278 Deploying | | 2 | 15660 | 8.81 | 7.01 | 8.88 | 7.94 | 2119 | 1561 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 20:01 | 72.8343750 Deploying | | 2 | 15690 | 8.88 | 7.01 | 8.9 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:02 | 72.8347222 Deploying | | 2 | 15720 | 8.89 | 7.01 | 8.92 | 7.94 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/12/2016 20:02 | 72.8350694 Deploying | | 2 | 15750 | 8.88 | 7.01 | 8.93 | 7.94 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 20:02 | 72.8352662 Winding down 1528 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 20:03 | 72.8354167 Deploying | | 2 | 15780 | 8.91 | 7.07 | 8.95 | 7.95 | 1701 | 1315 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:03 | 72.8357639 Deploying | | 2 | 15810 | 8.96 | 7.07 | 8.97 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:04 | 72.8361111 Deploying | | 2 | 15840 | 8.96 | 7.07 | 8.98 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:04 | 72.8364583 | Deploying | 2 | 15870 | 8.96 | 7.07 | 9 | 7.94 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 20:05 | 72.8368056 | Deploying | 2 | 15900 | 8.96 | 7.07 | 9.02 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:05 | 72.8368981 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:05 | 72.8371528 | Deploying | 2 | 15930 | 9.02 | 7.14 | 9.03 | 7.9 | 2006 | 1498 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:06 | 72.8375000 | Deploying | 2 | 15960 | 9.03 | 7.14 | 9.05 | 7.92 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 20:06 | 72.8378472 | Deploying | 2 | 15990 | 9.03 | 7.14 | 9.07 | 7.94 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 20:07 | 72.8381944 | Deploying | 2 | 16020 | 9.03 | 7.14 | 9.09 | 7.95 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 3/12/2016 20:07 | 72.8382755 | Winding down 1386 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:07 | 72.8385417 | Deploying | 2 | 16050 | 9.08 | 7.19 | 9.1 | 7.97 | 2130 | 1536 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:08 | 72.8388889 | Deploying | 2 | 16080 | 9.1 | 7.19 | 9.12 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:08 | 72.8392361 | Deploying | 2 | 16110 | 9.09 | 7.19 | 9.14 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:09 | 72.8395833 | Deploying | 2 | 16140 | 9.1 | 7.19 | 9.15 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:09 | 72.8396759 | Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:09 | 72.8399306 | Deploying | 2 | 16170 | 9.14 | 7.25 | 9.17 | 7.94 | 2060 | 1377 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 20:10 | 72.8402778 | Deploying | 2 | 16200 | 9.17 | 7.25 | 9.19 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:10 | 72.8406250 | Deploying | 2 | 16230 | 9.17 | 7.25 | 9.2 | 7.94 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 20:11 | 72.8409722 | Deploying | 2 | 16260 | 9.17 | 7.25 | 9.22 | 7.97 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 20:11 | 72.8411690 | Winding down 1678 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:11 | 72.8413194 | Deploying | 2 | 16290 | 9.2 | 7.31 | 9.24 | 7.92 | 2060 | 1541 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:12 | 72.8416667 | Deploying | 2 | 16320 | 9.23 | 7.31 | 9.26 | 7.94 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:12 | 72.8420139 | Deploying | 2 | 16350 | 9.23 | 7.31 | 9.27 | 7.94 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 3/12/2016 20:13 | 72.8423611 | Deploying | 2 | 16380 | 9.24 | 7.31 | 9.29 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:13 | 72.8426273 | Winding down 1738 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:13 | 72.8427083 | Deploying | 2 | 16410 | 9.25 | 7.38 | 9.31 | 7.9 | 2224 | 1447 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:14 | 72.8430556 | Deploying | 2 | 16440 | 9.32 | 7.38 | 9.32 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:14 | 72.8434028 | Deploying | 2 | 16470 | 9.32 | 7.38 | 9.34 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:15 | 72.8437500 | Deploying | 2 | 16500 | 9.31 | 7.38 | 9.36 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:15 | 72.8440972 | Deploying | 2 | 16530 | 9.31 | 7.38 | 9.37 | 7.94 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 20:15 | 72.8441435 | Winding down 1594 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:16 | 72.8444444 | Deploying | 2 | 16560 | 9.38 | 7.44 | 9.39 | 7.94 | 2191 | 1568 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:16 | 72.8447917 | Deploying | 2 | 16590 | 9.38 | 7.44 | 9.41 | 7.9 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:17 | 72.8451389 | Deploying | 2 | 16620 | 9.38 | 7.44 | 9.43 | 7.9 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:17 | 72.8454630 | Winding down 1584 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:17 | 72.8454861 | Deploying | 2 | 16650 | 9.39 | 7.5 | 9.44 | 7.86 | 1836 | 1409 | 0 | -1 | -2 | -2 | -2 |
| 3/12/2016 20:18 | 72.8458333 | Deploying | 2 | 16680 | 9.45 | 7.5 | 9.46 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:18 | 72.8461806 | Deploying | 2 | 16710 | 9.45 | 7.5 | 9.48 | 7.94 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/12/2016 20:19 | 72.8465278 | Deploying | 2 | 16740 | 9.46 | 7.5 | 9.49 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:19 | 72.8468750 | Deploying | 2 | 16770 | 9.45 | 7.5 | 9.51 | 7.92 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:19 | 72.8469444 | Winding down 1547 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:20 | 72.8472222 | Deploying | 2 | 16800 | 9.5 | 7.56 | 9.53 | 7.94 | 1953 | 1440 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:20 | 72.8475694 | Deploying | 2 | 16830 | 9.52 | 7.56 | 9.54 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:21 | 72.8479167 | Deploying | 2 | 16860 | 9.52 | 7.56 | 9.56 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:21 | 72.8482639 | Deploying | 2 | 16890 | 9.51 | 7.56 | 9.58 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:21 | 72.8482639 | Winding down 1637 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:22 | 72.8486111 | Deploying | 2 | 16920 | 9.58 | 7.63 | 9.6 | 7.92 | 1731 | 1348 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:22 | 72.8489583 | Deploying | 2 | 16950 | 9.58 | 7.63 | 9.61 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:23 | 72.8493056 | Deploying | 2 | 16980 | 9.58 | 7.63 | 9.63 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:23 | 72.8496528 | Deploying | 2 | 17010 | 9.58 | 7.63 | 9.65 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:23 | 72.8497454 | Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:24 | 72.8500000 | Deploying | 2 | 17040 | 9.64 | 7.69 | 9.66 | 7.92 | 2040 | 1509 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:24 | 72.8503472 | Deploying | 2 | 17070 | 9.67 | 7.69 | 9.68 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:25 | 72.8506944 | Deploying | 2 | 17100 | 9.67 | 7.69 | 9.7 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:25 | 72.8510417 | Deploying | 2 | 17130 | 9.67 | 7.69 | 9.71 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:25 | 72.8512963 | Winding down 1599 ticks | 3 | | | | | | | | | | | | |

| 3/12/2016 20:26 | 72.8513889 Deploying | 2 | 17160 | 9.68 | 7.76 | 9.73 | 7.9 | 2169 | 1544 | 0 | -3 | -2 | -2 | -2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:26 | 72.8517361 Deploying | 2 | 17190 | 9.73 | 7.76 | 9.75 | 7.92 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:27 | 72.8520833 Deploying | 2 | 17220 | 9.72 | 7.76 | 9.77 | 7.9 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:27 | 72.8524306 Deploying | 2 | 17250 | 9.73 | 7.76 | 9.78 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:27 | 72.8524306 Winding down 1362 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:28 | 72.8527778 Deploying | 2 | 17280 | 9.78 | 7.81 | 9.8 | 7.94 | 2037 | 1487 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:28 | 72.8531250 Deploying | 2 | 17310 | 9.78 | 7.81 | 9.82 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:29 | 72.8534722 Deploying | 2 | 17340 | 9.79 | 7.81 | 9.83 | 7.95 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 20:29 | 72.8538194 Deploying | 2 | 17370 | 9.79 | 7.81 | 9.85 | 7.95 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:29 | 72.8539120 Winding down 1850 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:30 | 72.8541667 Deploying | 2 | 17400 | 9.84 | 7.88 | 9.87 | 7.94 | 2055 | 1526 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:30 | 72.8545139 Deploying | 2 | 17430 | 9.86 | 7.88 | 9.88 | 7.94 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:31 | 72.8548611 Deploying | 2 | 17460 | 9.86 | 7.88 | 9.9 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:31 | 72.8552083 Deploying | 2 | 17490 | 9.86 | 7.88 | 9.92 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:31 | 72.8552431 Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:32 | 72.8555556 Deploying | 2 | 17520 | 9.91 | 7.94 | 9.94 | 7.92 | 2011 | 1518 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:32 | 72.8559028 Deploying | 2 | 17550 | 9.92 | 7.94 | 9.95 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/12/2016 20:33 | 72.8562500 Deploying | 2 | 17580 | 9.92 | 7.94 | 9.97 | 7.95 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:33 | 72.8565509 Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:33 | 72.8565972 Deploying | 2 | 17610 | 9.93 | 7.99 | 9.99 | 7.92 | 2058 | 1522 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:34 | 72.8569444 Deploying | 2 | 17640 | 9.99 | 7.99 | 10 | 7.94 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 20:34 | 72.8572917 Deploying | 2 | 17670 | 9.97 | 7.99 | 10.02 | 7.92 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:35 | 72.8576389 Deploying | 2 | 17700 | 10 | 7.99 | 10.04 | 7.94 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:35 | 72.8579861 Deploying | 2 | 17730 | 9.99 | 7.99 | 10.05 | 7.92 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:35 | 72.8579861 Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:36 | 72.8583333 Deploying | 2 | 17760 | 10.04 | 8.05 | 10.07 | 7.94 | 1719 | 1338 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:36 | 72.8586806 Deploying | 2 | 17790 | 10.06 | 8.05 | 10.09 | 7.9 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:37 | 72.8590278 Deploying | 2 | 17820 | 10.06 | 8.05 | 10.11 | 7.9 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:37 | 72.8592361 Winding down 1767 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:37 | 72.8593750 Deploying | 2 | 17850 | 10.07 | 8.12 | 10.12 | 7.92 | 2011 | 1351 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 20:38 | 72.8597222 Deploying | 2 | 17880 | 10.13 | 8.12 | 10.14 | 7.92 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:38 | 72.8600694 Deploying | 2 | 17910 | 10.13 | 8.12 | 10.16 | 7.89 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:39 | 72.8604167 Deploying | 2 | 17940 | 10.13 | 8.12 | 10.17 | 7.94 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:39 | 72.8605903 Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:39 | 72.8607639 Deploying | 2 | 17970 | 10.15 | 8.18 | 10.19 | 7.94 | 1773 | 1341 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:40 | 72.8611111 Deploying | 2 | 18000 | 10.19 | 8.18 | 10.21 | 7.9 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:40 | 72.8614583 Deploying | 2 | 18030 | 10.2 | 8.18 | 10.22 | 7.92 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 20:41 | 72.8618056 Deploying | 2 | 18060 | 10.2 | 8.18 | 10.24 | 7.92 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/12/2016 20:41 | 72.8621528 Deploying | 2 | 18090 | 10.2 | 8.18 | 10.26 | 7.94 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:41 | 72.8621875 Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:42 | 72.8625000 Deploying | 2 | 18120 | 10.25 | 8.24 | 10.28 | 7.9 | 1880 | 1413 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:42 | 72.8628472 Deploying | 2 | 18150 | 10.26 | 8.24 | 10.29 | 7.89 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 20:43 | 72.8631944 Deploying | 2 | 18180 | 10.26 | 8.24 | 10.31 | 7.9 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:43 | 72.8634375 Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:43 | 72.8635417 Deploying | 2 | 18210 | 10.27 | 8.31 | 10.33 | 7.94 | 2050 | 1514 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:44 | 72.8638889 Deploying | 2 | 18240 | 10.34 | 8.31 | 10.34 | 7.95 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:44 | 72.8642361 Deploying | 2 | 18270 | 10.34 | 8.31 | 10.36 | 7.9 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:45 | 72.8645833 Deploying | 2 | 18300 | 10.34 | 8.31 | 10.38 | 7.92 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:45 | 72.8649306 Deploying | 2 | 18330 | 10.34 | 8.31 | 10.39 | 7.94 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:45 | 72.8650694 Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:46 | 72.8652778 Deploying | 2 | 18360 | 10.37 | 8.37 | 10.41 | 7.9 | 1887 | 1443 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:46 | 72.8656250 Deploying | 2 | 18390 | 10.4 | 8.37 | 10.43 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:47 | 72.8659722 Deploying | 2 | 18420 | 10.39 | 8.37 | 10.45 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:47 | 72.8661921 Winding down 1481 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Event | State | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:47 | 72.8663194 Deploying | 2 | 18450 | 10.42 | 8.42 | 10.46 | 7.95 | 2215 | 1568 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:48 | 72.8666667 Deploying | 2 | 18480 | 10.46 | 8.42 | 10.48 | 7.92 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/12/2016 20:48 | 72.8670139 Deploying | 2 | 18510 | 10.46 | 8.42 | 10.5 | 7.94 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/12/2016 20:49 | 72.8673611 Deploying | 2 | 18540 | 10.46 | 8.42 | 10.51 | 7.9 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/12/2016 20:49 | 72.8675579 Winding down 1528 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:49 | 72.8677083 Deploying | 2 | 18570 | 10.49 | 8.48 | 10.53 | 7.94 | 2253 | 1564 | 1 | -8 | -10 | -9 | -10 |
| 3/12/2016 20:50 | 72.8680556 Deploying | 2 | 18600 | 10.53 | 8.48 | 10.55 | 7.92 | 0 | 0 | 0 | -14 | -17 | -15 | -17 |
| 3/12/2016 20:50 | 72.8684028 Deploying | 2 | 18630 | 10.53 | 8.48 | 10.56 | 7.95 | 0 | 0 | 0 | -20 | -16 | -10 | -16 |
| 3/12/2016 20:51 | 72.8687500 Deploying | 2 | 18660 | 10.53 | 8.48 | 10.58 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 3/12/2016 20:51 | 72.8689468 Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8690741 Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8690741 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8690972 Rewinding | 5 | 18688 | 10.55 | 8.54 | 10.52 | 7.86 | 0 | 0 | | | | | |
| 3/12/2016 20:51 | 72.8690972 Winding up 1324 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8691204 Winding up 2675 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8691551 Winding up 4574 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8692130 Winding up 7099 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8693056 Winding up 9924 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8694213 Winding up 10949 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:52 | 72.8694444 Rewinding | 5 | 18688 | 10.18 | 7.14 | 9.77 | 7.67 | 1118 | 821 | | | | | |
| 3/12/2016 20:52 | 72.8695486 Winding up 9799 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:52 | 72.8696644 Winding up 9100 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:52 | 72.8697801 Winding up 10975 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:52 | 72.8697917 Rewinding | 5 | 18688 | 9.45 | 6 | 9.02 | 7.86 | 1130 | 821 | | | | | |
| 3/12/2016 20:52 | 72.8699190 Winding up 16399 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:52 | 72.8701157 Winding up 26924 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:53 | 72.8701389 Rewinding | 5 | 18688 | 9.38 | 4.35 | 8.27 | 7.57 | 1107 | 860 | | | | | |
| 3/12/2016 20:53 | 72.8704282 Winding up 44050 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:53 | 72.8704861 Rewinding | 5 | 18688 | 9.38 | 2.67 | 7.52 | 7.46 | 1027 | 748 | | | | | |
| 3/12/2016 20:54 | 72.8708333 Rewinding | 5 | 18688 | 9.39 | 2.67 | 6.77 | 7.63 | 1027 | 332 | | | | | |
| 3/12/2016 20:54 | 72.8709491 Winding up 72150 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:54 | 72.8711806 Rewinding | 5 | 18688 | 9.38 | -0.06 | 6.02 | 7.46 | 1027 | 311 | | | | | |
| 3/12/2016 20:55 | 72.8715278 Rewinding | 5 | 18688 | 9.37 | -0.06 | 5.27 | 7.54 | 954 | 330 | | | | | |
| 3/12/2016 20:55 | 72.8717940 Winding up 117600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:55 | 72.8718750 Rewinding | 5 | 18688 | 9.38 | -4.47 | 4.52 | 7.56 | 1031 | 781 | | | | | |
| 3/12/2016 20:56 | 72.8722222 Rewinding | 5 | 18688 | 9.36 | -4.47 | 3.77 | 7.41 | 1031 | 324 | | | | | |
| 3/12/2016 20:56 | 72.8725694 Rewinding | 5 | 18688 | 9.36 | -4.47 | 3.02 | 7.52 | 1031 | 295 | | | | | |
| 3/12/2016 20:56 | 72.8728588 Winding up 174550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:56 | 72.8728704 Winding up 175125 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:56 | 72.8728819 Winding up 175725 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:56 | 72.8729051 Winding up 176950 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:57 | 72.8729167 Rewinding | 5 | 18688 | 9.35 | -3.58 | 2.27 | 7.75 | 1102 | 831 | | | | | |
| 3/12/2016 20:57 | 72.8729167 Winding up 177474 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:57 | 72.8729282 Winding up 178025 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:57 | 72.8729398 Winding up 178649 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:57 | 72.8729514 Winding up 179299 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:57 | 72.8729630 Winding up 179875 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:57 | 72.8729745 Overcurrent (motor jam) condition detected | 5 | | | | | | | | | | | | |
| 3/12/2016 20:57 | 72.8729745 State 5 (FINISHED) | 5 | | | | | | | | | | | | |

DPS9-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deplo | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:20 | 72.7222222 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 17:20 | 72.7225694 | Deploying | 2 | 30 | 0.88 | 0 | 0.02 | 8.06 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:21 | 72.7229167 | Deploying | 2 | 60 | 0.89 | 0 | 0.04 | 8.03 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:21 | 72.7232639 | Deploying | 2 | 90 | 0.88 | 0 | 0.06 | 8.06 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 17:22 | 72.7236111 | Deploying | 2 | 120 | 0.88 | 0 | 0.08 | 8.06 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 17:22 | 72.7239583 | Deploying | 2 | 150 | 0.88 | 0 | 0.09 | 8.02 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:23 | 72.7243056 | Deploying | 2 | 180 | 0.88 | 0 | 0.11 | 8.05 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 17:23 | 72.7246528 | Deploying | 2 | 210 | 0.88 | 0 | 0.13 | 8.03 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 17:24 | 72.7250000 | Deploying | 2 | 240 | 0.88 | 0 | 0.14 | 8.05 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 17:24 | 72.7253472 | Deploying | 2 | 270 | 0.88 | 0 | 0.16 | 8.03 | 0 | 0 | 0 | -15 | -11 | -13 | -11 |
| 3/12/2016 17:25 | 72.7256944 | Deploying | 2 | 300 | 0.88 | 0 | 0.18 | 8.08 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 17:25 | 72.7260417 | Deploying | 2 | 330 | 0.88 | 0 | 0.19 | 8.05 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:26 | 72.7263889 | Deploying | 2 | 360 | 0.88 | 0 | 0.21 | 8.03 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:26 | 72.7267361 | Deploying | 2 | 390 | 0.88 | 0 | 0.23 | 8.05 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:27 | 72.7270833 | Deploying | 2 | 420 | 0.88 | 0 | 0.25 | 8.05 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 17:27 | 72.7274306 | Deploying | 2 | 450 | 0.88 | 0 | 0.26 | 8.05 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 17:28 | 72.7277778 | Deploying | 2 | 480 | 0.88 | 0 | 0.28 | 8.06 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 17:28 | 72.7281250 | Deploying | 2 | 510 | 0.87 | 0 | 0.3 | 8.06 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:29 | 72.7284722 | Deploying | 2 | 540 | 0.88 | 0 | 0.31 | 8.05 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 17:29 | 72.7288194 | Deploying | 2 | 570 | 0.89 | 0 | 0.33 | 8.05 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:30 | 72.7291667 | Deploying | 2 | 600 | 0.88 | 0 | 0.35 | 8.05 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 17:30 | 72.7295139 | Deploying | 2 | 630 | 0.88 | 0 | 0.36 | 8.02 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:31 | 72.7298611 | Deploying | 2 | 660 | 0.88 | 0 | 0.38 | 8.05 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:31 | 72.7302083 | Deploying | 2 | 690 | 0.88 | 0 | 0.4 | 8.05 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:32 | 72.7305556 | Deploying | 2 | 720 | 0.88 | 0 | 0.42 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:32 | 72.7309028 | Deploying | 2 | 750 | 0.87 | 0 | 0.43 | 8.02 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:33 | 72.7312500 | Deploying | 2 | 780 | 0.88 | 0 | 0.45 | 8.03 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 17:33 | 72.7315972 | Deploying | 2 | 810 | 0.89 | 0 | 0.47 | 8.03 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:34 | 72.7319444 | Deploying | 2 | 840 | 0.88 | 0 | 0.48 | 8.03 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 17:34 | 72.7322917 | Deploying | 2 | 870 | 0.88 | 0 | 0.5 | 8.05 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 17:35 | 72.7326389 | Deploying | 2 | 900 | 0.89 | 0 | 0.52 | 8.03 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:35 | 72.7329861 | Deploying | 2 | 930 | 0.88 | 0 | 0.53 | 8.02 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:36 | 72.7333333 | Deploying | 2 | 960 | 0.88 | 0 | 0.55 | 8.03 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 17:36 | 72.7336806 | Deploying | 2 | 990 | 0.89 | 0 | 0.57 | 8.05 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:37 | 72.7340278 | Deploying | 2 | 1020 | 0.88 | 0 | 0.59 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:37 | 72.7343750 | Deploying | 2 | 1050 | 0.89 | 0 | 0.6 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:38 | 72.7347222 | Deploying | 2 | 1080 | 0.89 | 0 | 0.62 | 8.02 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 17:38 | 72.7350694 | Deploying | 2 | 1110 | 0.88 | 0 | 0.64 | 8.03 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:39 | 72.7354167 | Deploying | 2 | 1140 | 0.89 | 0 | 0.65 | 8.03 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:39 | 72.7357639 | Deploying | 2 | 1170 | 0.89 | 0 | 0.67 | 8.03 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:40 | 72.7361111 | Deploying | 2 | 1200 | 0.89 | 0 | 0.69 | 8.03 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:40 | 72.7364583 | Deploying | 2 | 1230 | 0.88 | 0 | 0.7 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:41 | 72.7368056 | Deploying | 2 | 1260 | 0.89 | 0 | 0.72 | 8.05 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:41 | 72.7371528 | Deploying | 2 | 1290 | 0.88 | 0 | 0.74 | 8.03 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:42 | 72.7375000 | Deploying | 2 | 1320 | 0.89 | 0 | 0.76 | 8 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:42 | 72.7378472 | Deploying | 2 | 1350 | 0.88 | 0 | 0.77 | 8.02 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 17:43 | 72.7381944 | Deploying | 2 | 1380 | 0.88 | 0 | 0.79 | 8.02 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:43 | 72.7385417 | Deploying | 2 | 1410 | 0.89 | 0 | 0.81 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:44 | 72.7388889 | Deploying | 2 | 1440 | 0.89 | 0 | 0.82 | 8.03 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:44 | 72.7392361 | Deploying | 2 | 1470 | 0.89 | 0 | 0.84 | 8.05 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:45 | 72.7395833 | Deploying | 2 | 1500 | 0.89 | 0 | 0.86 | 8.05 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 17:45 | 72.7399306 | Deploying | 2 | 1530 | 0.88 | 0 | 0.87 | 8.02 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:46 | 72.7402778 | Deploying | 2 | 1560 | 0.89 | 0 | 0.89 | 8.05 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 17:46 | 72.7406250 | Deploying | 2 | 1590 | 0.88 | 0 | 0.91 | 8.02 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:47 | 72.7409722 | Deploying | 2 | 1620 | 0.89 | 0 | 0.93 | 8.02 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 17:47 | 72.7413194 | Deploying | 2 | 1650 | 0.88 | 0 | 0.94 | 8.02 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 17:47 | 72.7414352 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:48 | 72.7416667 | Deploying | 2 | 1680 | 0.93 | 0.06 | 0.96 | 8.03 | 2084 | 1561 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 17:48 | 72.7420139 | Deploying | 2 | 1710 | 0.96 | 0.06 | 0.98 | 8.02 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:49 | 72.7423611 | Deploying | 2 | 1740 | 0.95 | 0.06 | 0.99 | 8.03 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 17:49 | 72.7427083 | Deploying | 2 | 1770 | 0.96 | 0.06 | 1.01 | 8.02 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 17:49 | 72.7427894 | Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:50 | 72.7430556 | Deploying | 2 | 1800 | 1 | 0.12 | 1.03 | 8.02 | 2257 | 1607 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:50 | 72.7434028 | Deploying | 2 | 1830 | 1.02 | 0.12 | 1.04 | 8.02 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 17:51 | 72.7437500 | Deploying | 2 | 1860 | 1.03 | 0.12 | 1.06 | 8 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 17:51 | 72.7440972 | Deploying | 2 | 1890 | 1.03 | 0.12 | 1.08 | 8.02 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:51 | 72.7443171 | Winding down 1681 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:52 | 72.7444444 | Deploying | 2 | 1920 | 1.05 | 0.18 | 1.1 | 8 | 2261 | 1612 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 17:52 | 72.7447917 | Deploying | 2 | 1950 | 1.1 | 0.18 | 1.11 | 8 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 17:53 | 72.7451389 | Deploying | 2 | 1980 | 1.1 | 0.18 | 1.13 | 8.02 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 17:53 | 72.7454861 | Deploying | 2 | 2010 | 1.09 | 0.18 | 1.15 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:53 | 72.7456713 | Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:54 | 72.7458333 | Deploying | 2 | 2040 | 1.13 | 0.24 | 1.16 | 8.02 | 2132 | 1612 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 17:54 | 72.7461806 | Deploying | 2 | 2070 | 1.17 | 0.24 | 1.18 | 8.02 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 17:55 | 72.7465278 | Deploying | 2 | 2100 | 1.17 | 0.24 | 1.2 | 8 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 17:55 | 72.7468750 | Deploying | 2 | 2130 | 1.18 | 0.24 | 1.21 | 7.98 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 17:56 | 72.7472222 | Deploying | 2 | 2160 | 1.18 | 0.24 | 1.23 | 8 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 17:56 | 72.7473727 | Winding down 1596 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:56 | 72.7475694 | Deploying | 2 | 2190 | 1.22 | 0.3 | 1.25 | 8.03 | 2258 | 1617 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 17:57 | 72.7479167 | Deploying | 2 | 2220 | 1.24 | 0.3 | 1.27 | 8.02 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 17:57 | 72.7482639 | Deploying | 2 | 2250 | 1.24 | 0.3 | 1.28 | 8.02 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:58 | 72.7486111 | Deploying | 2 | 2280 | 1.24 | 0.3 | 1.3 | 8.02 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:58 | 72.7486806 | Winding down 1597 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 17:58 | 72.7489583 | Deploying | 2 | 2310 | 1.3 | 0.36 | 1.32 | 8.02 | 2174 | 1605 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 17:59 | 72.7493056 | Deploying | 2 | 2340 | 1.32 | 0.36 | 1.33 | 8.03 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 17:59 | 72.7496528 | Deploying | 2 | 2370 | 1.32 | 0.36 | 1.35 | 8.02 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 18:00 | 72.7500000 | Deploying | 2 | 2400 | 1.32 | 0.36 | 1.37 | 8.03 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 18:00 | 72.7502894 | Winding down 1666 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:00 | 72.7503472 | Deploying | 2 | 2430 | 1.33 | 0.42 | 1.38 | 8.03 | 2210 | 1603 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 18:01 | 72.7506944 | Deploying | 2 | 2460 | 1.39 | 0.42 | 1.4 | 8.02 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 18:01 | 72.7510417 | Deploying | 2 | 2490 | 1.39 | 0.42 | 1.42 | 7.98 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 18:02 | 72.7513889 | Deploying | 2 | 2520 | 1.39 | 0.42 | 1.44 | 8 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 18:02 | 72.7517130 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:02 | 72.7517361 | Deploying | 2 | 2550 | 1.39 | 0.48 | 1.45 | 7.95 | 2120 | 1591 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 18:03 | 72.7520833 | Deploying | 2 | 2580 | 1.47 | 0.48 | 1.47 | 8.02 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 18:03 | 72.7524306 | Deploying | 2 | 2610 | 1.47 | 0.48 | 1.49 | 8.03 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 18:04 | 72.7527778 | Deploying | 2 | 2640 | 1.47 | 0.48 | 1.5 | 8.03 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 18:04 | 72.7531250 | Deploying | 2 | 2670 | 1.48 | 0.48 | 1.52 | 8.02 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 18:05 | 72.7534722 | Deploying | 2 | 2700 | 1.47 | 0.48 | 1.54 | 7.98 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 18:05 | 72.7535069 | Winding down 1805 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:05 | 72.7538194 | Deploying | 2 | 2730 | 1.54 | 0.55 | 1.55 | 8.03 | 2266 | 1627 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:06 | 72.7541667 | Deploying | 2 | 2760 | 1.55 | 0.55 | 1.57 | 7.98 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:06 | 72.7545139 | Deploying | 2 | 2790 | 1.55 | 0.55 | 1.59 | 8.02 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:07 | 72.7548611 | Deploying | 2 | 2820 | 1.56 | 0.55 | 1.61 | 7.98 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:07 | 72.7549653 | Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:07 | 72.7552083 | Deploying | 2 | 2850 | 1.59 | 0.6 | 1.62 | 8.03 | 2269 | 1643 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:08 | 72.7555556 | Deploying | 2 | 2880 | 1.62 | 0.6 | 1.64 | 8.02 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:08 | 72.7559028 Deploying | 2 | 2910 | 1.62 | 0.6 | 1.66 | 8.02 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:09 | 72.7562500 Deploying | 2 | 2940 | 1.62 | 0.6 | 1.67 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:09 | 72.7564583 Winding down 1642 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:09 | 72.7565972 Deploying | 2 | 2970 | 1.65 | 0.66 | 1.69 | 8.02 | 2272 | 1611 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:10 | 72.7569444 Deploying | 2 | 3000 | 1.69 | 0.66 | 1.71 | 8.02 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:10 | 72.7572917 Deploying | 2 | 3030 | 1.69 | 0.66 | 1.72 | 8.03 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:11 | 72.7576389 Deploying | 2 | 3060 | 1.69 | 0.66 | 1.74 | 7.98 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:11 | 72.7578472 Winding down 1492 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:11 | 72.7579861 Deploying | 2 | 3090 | 1.72 | 0.72 | 1.76 | 8.02 | 2163 | 1605 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:12 | 72.7583333 Deploying | 2 | 3120 | 1.77 | 0.72 | 1.78 | 8.03 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:12 | 72.7586806 Deploying | 2 | 3150 | 1.77 | 0.72 | 1.79 | 8.02 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:13 | 72.7590278 Deploying | 2 | 3180 | 1.77 | 0.72 | 1.81 | 8 | 0 | 0 | 0 | -13 | -15 | -14 | -15 |
| 3/12/2016 18:13 | 72.7593750 Deploying | 2 | 3210 | 1.76 | 0.72 | 1.83 | 8 | 0 | 0 | 0 | -14 | -16 | -14 | -16 |
| 3/12/2016 18:13 | 72.7593981 Winding down 1840 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:14 | 72.7597222 Deploying | 2 | 3240 | 1.84 | 0.79 | 1.84 | 8.02 | 2210 | 1617 | 0 | -15 | -14 | -14 | -14 |
| 3/12/2016 18:14 | 72.7600694 Deploying | 2 | 3270 | 1.85 | 0.79 | 1.86 | 8 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:15 | 72.7604167 Deploying | 2 | 3300 | 1.84 | 0.79 | 1.88 | 7.98 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 18:15 | 72.7607639 Deploying | 2 | 3330 | 1.84 | 0.79 | 1.89 | 7.98 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:15 | 72.7609028 Winding down 1482 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:16 | 72.7611111 Deploying | 2 | 3360 | 1.89 | 0.85 | 1.91 | 8 | 2144 | 1626 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:16 | 72.7614583 Deploying | 2 | 3390 | 1.91 | 0.85 | 1.93 | 8.02 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:17 | 72.7618056 Deploying | 2 | 3420 | 1.91 | 0.85 | 1.95 | 7.98 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:17 | 72.7621528 Deploying | 2 | 3450 | 1.92 | 0.85 | 1.96 | 7.98 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 18:18 | 72.7625000 Deploying | 2 | 3480 | 1.91 | 0.85 | 1.98 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:18 | 72.7625116 Winding down 1751 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:18 | 72.7628472 Deploying | 2 | 3510 | 1.99 | 0.91 | 2 | 8.03 | 2152 | 1627 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 18:19 | 72.7631944 Deploying | 2 | 3540 | 1.99 | 0.91 | 2.01 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:19 | 72.7635417 Deploying | 2 | 3570 | 1.99 | 0.91 | 2.03 | 7.98 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:20 | 72.7638889 Deploying | 2 | 3600 | 2 | 0.91 | 2.05 | 8 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 18:20 | 72.7639931 Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:20 | 72.7642361 Deploying | 2 | 3630 | 2.04 | 0.97 | 2.06 | 8.02 | 2269 | 1631 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 18:21 | 72.7645833 Deploying | 2 | 3660 | 2.06 | 0.97 | 2.08 | 8.02 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:21 | 72.7649306 Deploying | 2 | 3690 | 2.06 | 0.97 | 2.1 | 8.03 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:22 | 72.7652778 Deploying | 2 | 3720 | 2.06 | 0.97 | 2.12 | 7.98 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:22 | 72.7654745 Winding down 1728 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:22 | 72.7656250 Deploying | 2 | 3750 | 2.09 | 1.04 | 2.13 | 7.98 | 2274 | 1644 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 18:23 | 72.7659722 Deploying | 2 | 3780 | 2.14 | 1.04 | 2.15 | 8 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:23 | 72.7663194 Deploying | 2 | 3810 | 2.15 | 1.04 | 2.17 | 8 | 0 | 0 | 0 | -15 | -14 | -13 | -14 |
| 3/12/2016 18:24 | 72.7666667 Deploying | 2 | 3840 | 2.14 | 1.04 | 2.18 | 8 | 0 | 0 | 0 | -14 | -15 | -13 | -15 |
| 3/12/2016 18:24 | 72.7670139 Deploying | 2 | 3870 | 2.14 | 1.04 | 2.2 | 8 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:24 | 72.7670949 Winding down 1686 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:25 | 72.7673611 Deploying | 2 | 3900 | 2.2 | 1.1 | 2.22 | 7.98 | 2189 | 1631 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 18:25 | 72.7677083 Deploying | 2 | 3930 | 2.22 | 1.1 | 2.23 | 8 | 0 | 0 | 0 | -11 | -15 | -12 | -15 |
| 3/12/2016 18:26 | 72.7680556 Deploying | 2 | 3960 | 2.22 | 1.1 | 2.25 | 7.97 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:26 | 72.7684028 Deploying | 2 | 3990 | 2.22 | 1.1 | 2.27 | 8 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 18:26 | 72.7686343 Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:27 | 72.7687500 Deploying | 2 | 4020 | 2.24 | 1.16 | 2.29 | 8 | 2273 | 1638 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 18:27 | 72.7690972 Deploying | 2 | 4050 | 2.29 | 1.16 | 2.3 | 8 | 0 | 0 | 0 | -14 | -15 | -13 | -15 |
| 3/12/2016 18:28 | 72.7694444 Deploying | 2 | 4080 | 2.29 | 1.16 | 2.32 | 7.98 | 0 | 0 | 0 | -14 | -15 | -13 | -15 |
| 3/12/2016 18:28 | 72.7697917 Deploying | 2 | 4110 | 2.29 | 1.16 | 2.34 | 8 | 0 | 0 | 0 | -14 | -11 | -13 | -11 |
| 3/12/2016 18:29 | 72.7701389 Deploying | 2 | 4140 | 2.29 | 1.16 | 2.35 | 7.98 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:29 | 72.7701852 Winding down 1744 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:29 | 72.7704861 Deploying | 2 | 4170 | 2.36 | 1.22 | 2.37 | 7.97 | 2276 | 1630 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 18:30 | 72.7708333 Deploying | 2 | 4200 | 2.37 | 1.22 | 2.39 | 7.97 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |

| Date/Time | Value | Status | Code | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:30 | 72.7711806 | Deploying | 2 | 4230 | 2.37 | 1.22 | 2.4 | 7.97 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:31 | 72.7715278 | Deploying | 2 | 4260 | 2.37 | 1.22 | 2.42 | 8 | 0 | 0 | 0 | -11 | -15 | -13 | -15 |
| 3/12/2016 18:31 | 72.7717708 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:31 | 72.7718750 | Deploying | 2 | 4290 | 2.39 | 1.29 | 2.44 | 7.98 | 2270 | 1651 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:32 | 72.7722222 | Deploying | 2 | 4320 | 2.44 | 1.29 | 2.46 | 8 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 18:32 | 72.7725694 | Deploying | 2 | 4350 | 2.43 | 1.29 | 2.47 | 7.98 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 18:33 | 72.7729167 | Deploying | 2 | 4380 | 2.45 | 1.29 | 2.49 | 7.97 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 18:33 | 72.7732176 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:33 | 72.7732639 | Deploying | 2 | 4410 | 2.45 | 1.35 | 2.51 | 8 | 2276 | 1655 | 0 | -11 | -15 | -13 | -15 |
| 3/12/2016 18:34 | 72.7736111 | Deploying | 2 | 4440 | 2.52 | 1.35 | 2.52 | 7.97 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 18:34 | 72.7739583 | Deploying | 2 | 4470 | 2.52 | 1.35 | 2.54 | 7.98 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:35 | 72.7743056 | Deploying | 2 | 4500 | 2.52 | 1.35 | 2.56 | 7.97 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 18:35 | 72.7746528 | Deploying | 2 | 4530 | 2.52 | 1.35 | 2.57 | 7.95 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:35 | 72.7747222 | Winding down 1572 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:36 | 72.7750000 | Deploying | 2 | 4560 | 2.57 | 1.41 | 2.59 | 8 | 2274 | 1645 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 18:36 | 72.7753472 | Deploying | 2 | 4590 | 2.58 | 1.41 | 2.61 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:37 | 72.7756944 | Deploying | 2 | 4620 | 2.59 | 1.41 | 2.63 | 7.98 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:37 | 72.7760417 | Deploying | 2 | 4650 | 2.59 | 1.41 | 2.64 | 8 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 18:37 | 72.7762384 | Winding down 1653 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:38 | 72.7763889 | Deploying | 2 | 4680 | 2.61 | 1.47 | 2.66 | 8.02 | 2266 | 1639 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 18:38 | 72.7767361 | Deploying | 2 | 4710 | 2.66 | 1.47 | 2.68 | 7.97 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 18:39 | 72.7770833 | Deploying | 2 | 4740 | 2.66 | 1.47 | 2.69 | 7.98 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 18:39 | 72.7774306 | Deploying | 2 | 4770 | 2.66 | 1.47 | 2.71 | 8 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:40 | 72.7777778 | Deploying | 2 | 4800 | 2.67 | 1.47 | 2.73 | 7.97 | 0 | 0 | 0 | -12 | -15 | -12 | -15 |
| 3/12/2016 18:40 | 72.7777894 | Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:40 | 72.7781250 | Deploying | 2 | 4830 | 2.73 | 1.53 | 2.74 | 7.97 | 2186 | 1635 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 18:41 | 72.7784722 | Deploying | 2 | 4860 | 2.73 | 1.53 | 2.76 | 7.98 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 18:41 | 72.7788194 | Deploying | 2 | 4890 | 2.73 | 1.53 | 2.78 | 7.95 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 18:42 | 72.7791667 | Deploying | 2 | 4920 | 2.74 | 1.53 | 2.8 | 7.97 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 18:42 | 72.7792593 | Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:42 | 72.7795139 | Deploying | 2 | 4950 | 2.79 | 1.6 | 2.81 | 8.02 | 2258 | 1677 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 18:43 | 72.7798611 | Deploying | 2 | 4980 | 2.8 | 1.6 | 2.83 | 7.98 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 18:43 | 72.7802083 | Deploying | 2 | 5010 | 2.81 | 1.6 | 2.85 | 7.98 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 18:44 | 72.7805556 | Deploying | 2 | 5040 | 2.8 | 1.6 | 2.86 | 7.97 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:44 | 72.7806366 | Winding down 1711 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:44 | 72.7809028 | Deploying | 2 | 5070 | 2.86 | 1.66 | 2.88 | 7.97 | 2254 | 1658 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 18:45 | 72.7812500 | Deploying | 2 | 5100 | 2.89 | 1.66 | 2.9 | 8 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 18:45 | 72.7815972 | Deploying | 2 | 5130 | 2.88 | 1.66 | 2.91 | 7.97 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 18:46 | 72.7819444 | Deploying | 2 | 5160 | 2.88 | 1.66 | 2.93 | 8 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 18:46 | 72.7821759 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:46 | 72.7822917 | Deploying | 2 | 5190 | 2.9 | 1.72 | 2.95 | 7.98 | 2273 | 1631 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:47 | 72.7826389 | Deploying | 2 | 5220 | 2.95 | 1.72 | 2.97 | 7.98 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:47 | 72.7829861 | Deploying | 2 | 5250 | 2.95 | 1.72 | 2.98 | 7.95 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:48 | 72.7833333 | Deploying | 2 | 5280 | 2.96 | 1.72 | 3 | 7.97 | 0 | 0 | 0 | -11 | -13 | -13 | -13 |
| 3/12/2016 18:48 | 72.7836690 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:48 | 72.7836806 | Deploying | 2 | 5310 | 2.96 | 1.78 | 3.02 | 7.98 | 2242 | 1626 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:49 | 72.7840278 | Deploying | 2 | 5340 | 3.03 | 1.78 | 3.03 | 8.03 | 2242 | 45 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:49 | 72.7843750 | Deploying | 2 | 5370 | 3.03 | 1.78 | 3.05 | 7.97 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 18:50 | 72.7847222 | Deploying | 2 | 5400 | 3.03 | 1.78 | 3.07 | 7.97 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 18:50 | 72.7850694 | Deploying | 2 | 5430 | 3.03 | 1.78 | 3.08 | 7.97 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 18:50 | 72.7851968 | Winding down 1718 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:51 | 72.7854167 | Deploying | 2 | 5460 | 3.07 | 1.84 | 3.1 | 7.98 | 2272 | 1648 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 18:51 | 72.7857639 | Deploying | 2 | 5490 | 3.1 | 1.84 | 3.12 | 7.98 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:52 | 72.7861111 | Deploying | 2 | 5520 | 3.1 | 1.84 | 3.14 | 7.98 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:52 | 72.7864583 Deploying | 2 | 5550 | 3.1 | 1.84 | 3.15 | 7.97 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 18:52 | 72.7867708 Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:53 | 72.7868056 Deploying | 2 | 5580 | 3.11 | 1.9 | 3.17 | 7.95 | 2275 | 1655 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:53 | 72.7871528 Deploying | 2 | 5610 | 3.17 | 1.9 | 3.19 | 7.95 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 18:54 | 72.7875000 Deploying | 2 | 5640 | 3.17 | 1.9 | 3.2 | 7.98 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:54 | 72.7878472 Deploying | 2 | 5670 | 3.17 | 1.9 | 3.22 | 7.98 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:54 | 72.7881250 Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:55 | 72.7881944 Deploying | 2 | 5700 | 3.19 | 1.96 | 3.24 | 7.95 | 2154 | 1622 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 18:55 | 72.7885417 Deploying | 2 | 5730 | 3.24 | 1.96 | 3.25 | 7.98 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 18:56 | 72.7888889 Deploying | 2 | 5760 | 3.23 | 1.96 | 3.27 | 8 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 18:56 | 72.7892361 Deploying | 2 | 5790 | 3.24 | 1.96 | 3.29 | 8.02 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 18:56 | 72.7895718 Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:57 | 72.7895833 Deploying | 2 | 5820 | 3.24 | 2.02 | 3.31 | 7.97 | 2142 | 1627 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 18:57 | 72.7899306 Deploying | 2 | 5850 | 3.31 | 2.02 | 3.32 | 7.97 | 2142 | 43 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 18:58 | 72.7902778 Deploying | 2 | 5880 | 3.33 | 2.02 | 3.34 | 7.98 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 18:58 | 72.7906250 Deploying | 2 | 5910 | 3.32 | 2.02 | 3.36 | 7.95 | 0 | 0 | 0 | -15 | -11 | -13 | -11 |
| 3/12/2016 18:59 | 72.7909722 Deploying | 2 | 5940 | 3.32 | 2.02 | 3.37 | 7.97 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 18:59 | 72.7911343 Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 18:59 | 72.7913194 Deploying | 2 | 5970 | 3.35 | 2.08 | 3.39 | 8 | 2274 | 1643 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 19:00 | 72.7916667 Deploying | 2 | 6000 | 3.38 | 2.08 | 3.41 | 7.98 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 19:00 | 72.7920139 Deploying | 2 | 6030 | 3.38 | 2.08 | 3.42 | 7.97 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 19:01 | 72.7923611 Deploying | 2 | 6060 | 3.39 | 2.08 | 3.44 | 7.97 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:01 | 72.7924306 Winding down 1472 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:01 | 72.7927083 Deploying | 2 | 6090 | 3.44 | 2.13 | 3.46 | 7.98 | 2154 | 1661 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:02 | 72.7930556 Deploying | 2 | 6120 | 3.45 | 2.13 | 3.48 | 7.98 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 19:02 | 72.7934028 Deploying | 2 | 6150 | 3.45 | 2.13 | 3.49 | 7.98 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 19:03 | 72.7937500 Deploying | 2 | 6180 | 3.46 | 2.13 | 3.51 | 7.95 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:03 | 72.7939699 Winding down 1706 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:03 | 72.7940972 Deploying | 2 | 6210 | 3.48 | 2.2 | 3.53 | 8 | 2168 | 1648 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:04 | 72.7944444 Deploying | 2 | 6240 | 3.53 | 2.2 | 3.54 | 7.97 | 0 | 0 | 0 | -15 | -11 | -13 | -11 |
| 3/12/2016 19:04 | 72.7947917 Deploying | 2 | 6270 | 3.53 | 2.2 | 3.56 | 7.98 | 0 | 0 | 0 | -15 | -11 | -13 | -11 |
| 3/12/2016 19:05 | 72.7951389 Deploying | 2 | 6300 | 3.53 | 2.2 | 3.58 | 7.98 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:05 | 72.7954861 Deploying | 2 | 6330 | 3.54 | 2.2 | 3.59 | 7.95 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 19:05 | 72.7956250 Winding down 1907 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:06 | 72.7958333 Deploying | 2 | 6360 | 3.57 | 2.27 | 3.61 | 7.97 | 2152 | 1616 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 19:06 | 72.7961806 Deploying | 2 | 6390 | 3.61 | 2.27 | 3.63 | 8.02 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 19:07 | 72.7965278 Deploying | 2 | 6420 | 3.62 | 2.27 | 3.65 | 7.98 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 19:07 | 72.7968750 Deploying | 2 | 6450 | 3.62 | 2.27 | 3.66 | 7.97 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 19:07 | 72.7971296 Winding down 1449 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:08 | 72.7972222 Deploying | 2 | 6480 | 3.64 | 2.33 | 3.68 | 7.97 | 2245 | 1664 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 19:08 | 72.7975694 Deploying | 2 | 6510 | 3.68 | 2.33 | 3.7 | 7.98 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 19:09 | 72.7979167 Deploying | 2 | 6540 | 3.69 | 2.33 | 3.71 | 7.98 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 19:09 | 72.7982639 Deploying | 2 | 6570 | 3.69 | 2.33 | 3.73 | 8 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:10 | 72.7986111 Deploying | 2 | 6600 | 3.69 | 2.33 | 3.75 | 7.98 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 19:10 | 72.7986343 Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:10 | 72.7989583 Deploying | 2 | 6630 | 3.74 | 2.38 | 3.76 | 7.97 | 2278 | 1676 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 19:11 | 72.7993056 Deploying | 2 | 6660 | 3.76 | 2.38 | 3.78 | 7.95 | 0 | 0 | 0 | -14 | -15 | -13 | -15 |
| 3/12/2016 19:11 | 72.7996528 Deploying | 2 | 6690 | 3.76 | 2.38 | 3.8 | 7.97 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:12 | 72.8000000 Deploying | 2 | 6720 | 3.75 | 2.38 | 3.82 | 7.98 | 0 | 0 | 0 | -11 | -14 | -13 | -14 |
| 3/12/2016 19:12 | 72.8000463 Winding down 1594 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:12 | 72.8003472 Deploying | 2 | 6750 | 3.82 | 2.44 | 3.83 | 7.98 | 2278 | 1673 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 19:13 | 72.8006944 Deploying | 2 | 6780 | 3.83 | 2.44 | 3.85 | 7.98 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 19:13 | 72.8010417 Deploying | 2 | 6810 | 3.83 | 2.44 | 3.87 | 8 | 0 | 0 | 0 | -16 | -11 | -12 | -11 |
| 3/12/2016 19:14 | 72.8013889 Deploying | 2 | 6840 | 3.83 | 2.44 | 3.88 | 7.95 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |

| Date | Value | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:14 | 72.8016667 Winding down 1727 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:14 | 72.8017361 Deploying | 2 | 6870 | 3.85 | 2.51 | 3.9 | 8 | 2277 | 1676 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 19:15 | 72.8020833 Deploying | 2 | 6900 | 3.91 | 2.51 | 3.92 | 7.98 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:15 | 72.8024306 Deploying | 2 | 6930 | 3.91 | 2.51 | 3.93 | 7.98 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 19:16 | 72.8027778 Deploying | 2 | 6960 | 3.91 | 2.51 | 3.95 | 7.97 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 19:16 | 72.8031250 Deploying | 2 | 6990 | 3.91 | 2.51 | 3.97 | 8 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 19:16 | 72.8031713 Winding down 1544 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:17 | 72.8034722 Deploying | 2 | 7020 | 3.97 | 2.57 | 3.99 | 7.98 | 2286 | 1664 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 19:17 | 72.8038194 Deploying | 2 | 7050 | 3.98 | 2.57 | 4 | 7.97 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:18 | 72.8041667 Deploying | 2 | 7080 | 3.98 | 2.57 | 4.02 | 7.95 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:18 | 72.8045139 Deploying | 2 | 7110 | 3.98 | 2.57 | 4.04 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 19:18 | 72.8046181 Winding down 1690 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:19 | 72.8048611 Deploying | 2 | 7140 | 4.03 | 2.63 | 4.05 | 7.97 | 2271 | 1652 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:19 | 72.8052083 Deploying | 2 | 7170 | 4.05 | 2.63 | 4.07 | 7.98 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 19:20 | 72.8055556 Deploying | 2 | 7200 | 4.05 | 2.63 | 4.09 | 7.98 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 19:20 | 72.8059028 Deploying | 2 | 7230 | 4.06 | 2.63 | 4.1 | 8 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:21 | 72.8062500 Deploying | 2 | 7260 | 4.05 | 2.63 | 4.12 | 7.98 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:21 | 72.8062847 Winding down 1755 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:21 | 72.8065972 Deploying | 2 | 7290 | 4.12 | 2.7 | 4.14 | 7.94 | 2261 | 1665 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:22 | 72.8069444 Deploying | 2 | 7320 | 4.14 | 2.7 | 4.16 | 7.98 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:22 | 72.8072917 Deploying | 2 | 7350 | 4.14 | 2.7 | 4.17 | 7.97 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 19:23 | 72.8076389 Deploying | 2 | 7380 | 4.14 | 2.7 | 4.19 | 7.97 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:23 | 72.8078935 Winding down 1824 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:23 | 72.8079861 Deploying | 2 | 7410 | 4.15 | 2.77 | 4.21 | 7.95 | 2201 | 1653 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:24 | 72.8083333 Deploying | 2 | 7440 | 4.22 | 2.77 | 4.22 | 7.95 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 19:24 | 72.8086806 Deploying | 2 | 7470 | 4.22 | 2.77 | 4.24 | 7.97 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 19:25 | 72.8090278 Deploying | 2 | 7500 | 4.22 | 2.77 | 4.26 | 7.98 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 19:25 | 72.8093750 Deploying | 2 | 7530 | 4.22 | 2.77 | 4.27 | 7.95 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 19:25 | 72.8095255 Winding down 1671 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:26 | 72.8097222 Deploying | 2 | 7560 | 4.26 | 2.83 | 4.29 | 7.97 | 2277 | 1674 | 0 | -11 | -14 | -13 | -14 |
| 3/12/2016 19:26 | 72.8100694 Deploying | 2 | 7590 | 4.3 | 2.83 | 4.31 | 7.97 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:27 | 72.8104167 Deploying | 2 | 7620 | 4.29 | 2.83 | 4.33 | 7.97 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 19:27 | 72.8107639 Deploying | 2 | 7650 | 4.3 | 2.83 | 4.34 | 7.97 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 19:28 | 72.8111111 Deploying | 2 | 7680 | 4.29 | 2.83 | 4.36 | 7.97 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 19:28 | 72.8111227 Winding down 1726 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:28 | 72.8114583 Deploying | 2 | 7710 | 4.37 | 2.89 | 4.38 | 7.95 | 2152 | 1644 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:29 | 72.8118056 Deploying | 2 | 7740 | 4.37 | 2.89 | 4.39 | 7.97 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:29 | 72.8121528 Deploying | 2 | 7770 | 4.38 | 2.89 | 4.41 | 7.98 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:30 | 72.8125000 Deploying | 2 | 7800 | 4.38 | 2.89 | 4.43 | 7.94 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 19:30 | 72.8127083 Winding down 1692 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:30 | 72.8128472 Deploying | 2 | 7830 | 4.41 | 2.96 | 4.44 | 7.95 | 2245 | 1631 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:31 | 72.8131944 Deploying | 2 | 7860 | 4.45 | 2.96 | 4.46 | 7.95 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 19:31 | 72.8135417 Deploying | 2 | 7890 | 4.46 | 2.96 | 4.48 | 7.97 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 19:32 | 72.8138889 Deploying | 2 | 7920 | 4.46 | 2.96 | 4.5 | 7.97 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 19:32 | 72.8142361 Deploying | 2 | 7950 | 4.46 | 2.96 | 4.51 | 7.95 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 19:32 | 72.8144329 Winding down 1603 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:33 | 72.8145833 Deploying | 2 | 7980 | 4.49 | 3.02 | 4.53 | 8.02 | 2137 | 1625 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 19:33 | 72.8149306 Deploying | 2 | 8010 | 4.52 | 3.02 | 4.55 | 7.98 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 19:34 | 72.8152778 Deploying | 2 | 8040 | 4.53 | 3.02 | 4.56 | 7.98 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 19:34 | 72.8156250 Deploying | 2 | 8070 | 4.52 | 3.02 | 4.58 | 7.95 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:34 | 72.8157755 Winding down 1646 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 19:35 | 72.8159722 Deploying | 2 | 8100 | 4.57 | 3.08 | 4.6 | 7.98 | 2284 | 1647 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:35 | 72.8163194 Deploying | 2 | 8130 | 4.6 | 3.08 | 4.61 | 7.97 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:36 | 72.8166667 Deploying | 2 | 8160 | 4.61 | 3.08 | 4.63 | 7.95 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:36 | 72.8170139 Deploying | 2 | 8190 | 4.61 | 3.08 | 4.65 | 7.97 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 19:37 | 72.8173611 Deploying | 2 | 8220 | 4.6 | 3.08 | 4.67 | 7.97 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 19:37 | 72.8173727 Winding down 1701 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:37 | 72.8177083 Deploying | 2 | 8250 | 4.68 | 3.15 | 4.68 | 7.97 | 2129 | 1636 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:38 | 72.8180556 Deploying | 2 | 8280 | 4.68 | 3.15 | 4.7 | 7.95 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 19:38 | 72.8184028 Deploying | 2 | 8310 | 4.68 | 3.15 | 4.72 | 7.92 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 19:39 | 72.8187500 Deploying | 2 | 8340 | 4.68 | 3.15 | 4.73 | 7.97 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 19:39 | 72.8189236 Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:39 | 72.8190972 Deploying | 2 | 8370 | 4.71 | 3.21 | 4.75 | 7.95 | 2222 | 1634 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:40 | 72.8194444 Deploying | 2 | 8400 | 4.76 | 3.21 | 4.77 | 7.94 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:40 | 72.8197917 Deploying | 2 | 8430 | 4.76 | 3.21 | 4.78 | 7.97 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:41 | 72.8201389 Deploying | 2 | 8460 | 4.75 | 3.21 | 4.8 | 7.95 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:41 | 72.8203819 Winding down 1485 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:41 | 72.8204861 Deploying | 2 | 8490 | 4.77 | 3.26 | 4.82 | 7.94 | 2254 | 1626 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 19:42 | 72.8208333 Deploying | 2 | 8520 | 4.82 | 3.26 | 4.84 | 7.98 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:42 | 72.8211806 Deploying | 2 | 8550 | 4.82 | 3.26 | 4.85 | 7.94 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 19:43 | 72.8215278 Deploying | 2 | 8580 | 4.82 | 3.26 | 4.87 | 7.95 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:43 | 72.8217824 Winding down 1724 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:43 | 72.8218750 Deploying | 2 | 8610 | 4.84 | 3.33 | 4.89 | 7.97 | 2276 | 1650 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 19:44 | 72.8222222 Deploying | 2 | 8640 | 4.9 | 3.33 | 4.9 | 7.95 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:44 | 72.8225694 Deploying | 2 | 8670 | 4.9 | 3.33 | 4.92 | 7.95 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 19:45 | 72.8229167 Deploying | 2 | 8700 | 4.91 | 3.33 | 4.94 | 7.97 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:45 | 72.8232639 Deploying | 2 | 8730 | 4.9 | 3.33 | 4.95 | 7.94 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:45 | 72.8234722 Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:46 | 72.8236111 Deploying | 2 | 8760 | 4.93 | 3.39 | 4.97 | 7.97 | 2249 | 1644 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 19:46 | 72.8239583 Deploying | 2 | 8790 | 4.97 | 3.39 | 4.99 | 7.95 | 0 | 0 | 0 | -15 | -14 | -14 | -14 |
| 3/12/2016 19:47 | 72.8243056 Deploying | 2 | 8820 | 4.97 | 3.39 | 5.01 | 7.98 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 19:47 | 72.8246528 Deploying | 2 | 8850 | 4.98 | 3.39 | 5.02 | 7.94 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:48 | 72.8250000 Deploying | 2 | 8880 | 4.98 | 3.39 | 5.04 | 7.97 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 19:48 | 72.8250000 Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:48 | 72.8253472 Deploying | 2 | 8910 | 5.04 | 3.45 | 5.06 | 7.95 | 2272 | 1657 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 19:49 | 72.8256944 Deploying | 2 | 8940 | 5.06 | 3.45 | 5.07 | 7.94 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 19:49 | 72.8260417 Deploying | 2 | 8970 | 5.05 | 3.45 | 5.09 | 7.94 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 19:50 | 72.8263889 Deploying | 2 | 9000 | 5.06 | 3.45 | 5.11 | 7.97 | 0 | 0 | 0 | -17 | -11 | -13 | -11 |
| 3/12/2016 19:50 | 72.8265625 Winding down 1375 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:50 | 72.8267361 Deploying | 2 | 9030 | 5.09 | 3.5 | 5.12 | 7.9 | 2273 | 1648 | 0 | -13 | -14 | -14 | -14 |
| 3/12/2016 19:51 | 72.8270833 Deploying | 2 | 9060 | 5.12 | 3.5 | 5.14 | 7.95 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 19:51 | 72.8274306 Deploying | 2 | 9090 | 5.12 | 3.5 | 5.16 | 7.95 | 0 | 0 | 0 | -16 | -12 | -13 | -12 |
| 3/12/2016 19:52 | 72.8277778 Deploying | 2 | 9120 | 5.11 | 3.5 | 5.18 | 7.94 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 19:52 | 72.8278935 Winding down 1754 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:52 | 72.8281250 Deploying | 2 | 9150 | 5.16 | 3.57 | 5.19 | 7.95 | 2173 | 1639 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 19:53 | 72.8284722 Deploying | 2 | 9180 | 5.2 | 3.57 | 5.21 | 7.92 | 0 | 0 | 0 | -14 | -15 | -14 | -15 |
| 3/12/2016 19:53 | 72.8288194 Deploying | 2 | 9210 | 5.2 | 3.57 | 5.23 | 7.94 | 0 | 0 | 0 | -16 | -14 | -14 | -14 |
| 3/12/2016 19:54 | 72.8291667 Deploying | 2 | 9240 | 5.21 | 3.57 | 5.24 | 7.94 | 0 | 0 | 0 | -15 | -15 | -13 | -15 |
| 3/12/2016 19:54 | 72.8295139 Deploying | 2 | 9270 | 5.2 | 3.57 | 5.26 | 7.94 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:54 | 72.8296181 Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:55 | 72.8298611 Deploying | 2 | 9300 | 5.24 | 3.63 | 5.28 | 7.97 | 2149 | 1635 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:55 | 72.8302083 Deploying | 2 | 9330 | 5.26 | 3.63 | 5.29 | 7.94 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 19:56 | 72.8305556 Deploying | 2 | 9360 | 5.26 | 3.63 | 5.31 | 7.95 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 19:56 | 72.8306944 Winding down 1507 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:56 | 72.8309028 Deploying | 2 | 9390 | 5.3 | 3.68 | 5.33 | 8 | 2262 | 1643 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 19:57 | 72.8312500 Deploying | 2 | 9420 | 5.34 | 3.68 | 5.35 | 7.97 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 19:57 | 72.8315972 Deploying | 2 | 9450 | 5.34 | 3.68 | 5.36 | 7.95 | 0 | 0 | 0 | -16 | -13 | -13 | -13 |
| 3/12/2016 19:58 | 72.8319444 Deploying | 2 | 9480 | 5.34 | 3.68 | 5.38 | 7.95 | 0 | 0 | 0 | -12 | -16 | -13 | -16 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:58 | 72.8322917 | Deploying | 2 | 9510 | 5.34 | 3.68 | 5.4 | 7.95 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 19:58 | 72.8324653 | Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:59 | 72.8326389 | Deploying | 2 | 9540 | 5.38 | 3.75 | 5.41 | 7.97 | 2266 | 1641 | 0 | -12 | -16 | -14 | -16 |
| 3/12/2016 19:59 | 72.8329861 | Deploying | 2 | 9570 | 5.41 | 3.75 | 5.43 | 7.92 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 20:00 | 72.8333333 | Deploying | 2 | 9600 | 5.42 | 3.75 | 5.45 | 7.92 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 20:00 | 72.8336806 | Deploying | 2 | 9630 | 5.42 | 3.75 | 5.46 | 7.95 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 20:01 | 72.8340278 | Deploying | 2 | 9660 | 5.42 | 3.75 | 5.48 | 7.94 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 20:01 | 72.8340741 | Winding down 1494 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:01 | 72.8343750 | Deploying | 2 | 9690 | 5.48 | 3.81 | 5.5 | 7.97 | 2263 | 1654 | 0 | -15 | -13 | -13 | -13 |
| 3/12/2016 20:02 | 72.8347222 | Deploying | 2 | 9720 | 5.49 | 3.81 | 5.52 | 7.95 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 20:02 | 72.8350694 | Deploying | 2 | 9750 | 5.49 | 3.81 | 5.53 | 7.95 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 20:03 | 72.8354167 | Deploying | 2 | 9780 | 5.49 | 3.81 | 5.55 | 7.92 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 20:03 | 72.8354861 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:03 | 72.8357639 | Deploying | 2 | 9810 | 5.54 | 3.87 | 5.57 | 7.95 | 2121 | 1648 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 20:04 | 72.8361111 | Deploying | 2 | 9840 | 5.56 | 3.87 | 5.58 | 7.94 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 20:04 | 72.8364583 | Deploying | 2 | 9870 | 5.56 | 3.87 | 5.6 | 7.97 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 20:05 | 72.8368056 | Deploying | 2 | 9900 | 5.56 | 3.87 | 5.62 | 7.95 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/12/2016 20:05 | 72.8369213 | Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:05 | 72.8371528 | Deploying | 2 | 9930 | 5.61 | 3.93 | 5.63 | 7.97 | 2271 | 1651 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:06 | 72.8375000 | Deploying | 2 | 9960 | 5.63 | 3.93 | 5.65 | 7.94 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:06 | 72.8378472 | Deploying | 2 | 9990 | 5.64 | 3.93 | 5.67 | 7.94 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 20:07 | 72.8381944 | Deploying | 2 | 10020 | 5.64 | 3.93 | 5.69 | 7.95 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 20:07 | 72.8385417 | Deploying | 2 | 10050 | 5.64 | 3.93 | 5.7 | 7.94 | 0 | 0 | 0 | -13 | -15 | -13 | -15 |
| 3/12/2016 20:07 | 72.8385764 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:08 | 72.8388889 | Deploying | 2 | 10080 | 5.71 | 4 | 5.72 | 7.94 | 2270 | 1652 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 20:08 | 72.8392361 | Deploying | 2 | 10110 | 5.71 | 4 | 5.74 | 7.92 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 20:09 | 72.8395833 | Deploying | 2 | 10140 | 5.71 | 4 | 5.75 | 7.94 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 20:09 | 72.8399074 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:09 | 72.8399306 | Deploying | 2 | 10170 | 5.71 | 4.06 | 5.77 | 7.86 | 2261 | 1637 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 20:10 | 72.8402778 | Deploying | 2 | 10200 | 5.79 | 4.06 | 5.79 | 7.95 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 20:10 | 72.8406250 | Deploying | 2 | 10230 | 5.79 | 4.06 | 5.8 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:11 | 72.8409722 | Deploying | 2 | 10260 | 5.78 | 4.06 | 5.82 | 7.95 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:11 | 72.8413194 | Deploying | 2 | 10290 | 5.78 | 4.06 | 5.84 | 7.94 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:11 | 72.8414468 | Winding down 1518 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:12 | 72.8416667 | Deploying | 2 | 10320 | 5.83 | 4.11 | 5.86 | 7.94 | 2269 | 1682 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:12 | 72.8420139 | Deploying | 2 | 10350 | 5.86 | 4.11 | 5.87 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:13 | 72.8423611 | Deploying | 2 | 10380 | 5.85 | 4.11 | 5.89 | 7.95 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:13 | 72.8427083 | Deploying | 2 | 10410 | 5.86 | 4.11 | 5.91 | 7.94 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:13 | 72.8430324 | Winding down 1434 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:14 | 72.8430556 | Deploying | 2 | 10440 | 5.87 | 4.17 | 5.92 | 7.89 | 2249 | 1645 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 20:14 | 72.8434028 | Deploying | 2 | 10470 | 5.94 | 4.17 | 5.94 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:15 | 72.8437500 | Deploying | 2 | 10500 | 5.94 | 4.17 | 5.96 | 7.94 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 20:15 | 72.8440972 | Deploying | 2 | 10530 | 5.94 | 4.17 | 5.97 | 7.92 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 20:16 | 72.8444444 | Deploying | 2 | 10560 | 5.94 | 4.17 | 5.99 | 7.92 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 20:16 | 72.8446644 | Winding down 1581 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:16 | 72.8447917 | Deploying | 2 | 10590 | 5.96 | 4.23 | 6.01 | 7.92 | 2149 | 1620 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:17 | 72.8451389 | Deploying | 2 | 10620 | 6.01 | 4.23 | 6.03 | 7.97 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 20:17 | 72.8454861 | Deploying | 2 | 10650 | 6.01 | 4.23 | 6.04 | 7.94 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 20:18 | 72.8458333 | Deploying | 2 | 10680 | 6.01 | 4.23 | 6.06 | 7.94 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:18 | 72.8460417 | Winding down 1417 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:18 | 72.8461806 | Deploying | 2 | 10710 | 6.04 | 4.28 | 6.08 | 7.95 | 2280 | 1662 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 20:19 | 72.8465278 | Deploying | 2 | 10740 | 6.09 | 4.28 | 6.09 | 7.95 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:19 | 72.8468750 | Deploying | 2 | 10770 | 6.08 | 4.28 | 6.11 | 7.94 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:20 | 72.8472222 | Deploying | 2 | 10800 | 6.08 | 4.28 | 6.13 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |

| Date/Time | Reading | Status | Mode | Count | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:20 | 72.8475694 | Deploying | 2 | 10830 | 6.08 | 4.28 | 6.14 | 7.95 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:20 | 72.8476620 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:21 | 72.8479167 | Deploying | 2 | 10860 | 6.14 | 4.34 | 6.16 | 7.9 | 2272 | 1637 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:21 | 72.8482639 | Deploying | 2 | 10890 | 6.16 | 4.34 | 6.18 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:22 | 72.8486111 | Deploying | 2 | 10920 | 6.16 | 4.34 | 6.2 | 7.95 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:22 | 72.8489583 | Deploying | 2 | 10950 | 6.16 | 4.34 | 6.21 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:22 | 72.8491319 | Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:23 | 72.8493056 | Deploying | 2 | 10980 | 6.2 | 4.4 | 6.23 | 7.94 | 2269 | 1630 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:23 | 72.8496528 | Deploying | 2 | 11010 | 6.23 | 4.4 | 6.25 | 7.94 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:24 | 72.8500000 | Deploying | 2 | 11040 | 6.23 | 4.4 | 6.26 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:24 | 72.8503472 | Deploying | 2 | 11070 | 6.23 | 4.4 | 6.28 | 7.97 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:25 | 72.8506944 | Deploying | 2 | 11100 | 6.24 | 4.4 | 6.3 | 7.92 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 20:25 | 72.8507523 | Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:25 | 72.8510417 | Deploying | 2 | 11130 | 6.29 | 4.46 | 6.31 | 7.94 | 2156 | 1633 | 0 | -12 | -15 | -12 | -15 |
| 3/12/2016 20:26 | 72.8513889 | Deploying | 2 | 11160 | 6.31 | 4.46 | 6.33 | 7.94 | 0 | 0 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 20:26 | 72.8517361 | Deploying | 2 | 11190 | 6.3 | 4.46 | 6.35 | 7.92 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 20:27 | 72.8520833 | Deploying | 2 | 11220 | 6.31 | 4.46 | 6.37 | 7.92 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:27 | 72.8521759 | Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:27 | 72.8524306 | Deploying | 2 | 11250 | 6.36 | 4.52 | 6.38 | 7.9 | 2148 | 1631 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 20:28 | 72.8527778 | Deploying | 2 | 11280 | 6.38 | 4.52 | 6.4 | 7.97 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:28 | 72.8531250 | Deploying | 2 | 11310 | 6.37 | 4.52 | 6.42 | 7.94 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 20:28 | 72.8534606 | Winding down 1398 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:29 | 72.8534722 | Deploying | 2 | 11340 | 6.38 | 4.57 | 6.43 | 7.92 | 2225 | 1618 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:29 | 72.8538194 | Deploying | 2 | 11370 | 6.44 | 4.57 | 6.45 | 7.94 | 2225 | 38 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:30 | 72.8541667 | Deploying | 2 | 11400 | 6.44 | 4.57 | 6.47 | 7.95 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:30 | 72.8545139 | Deploying | 2 | 11430 | 6.44 | 4.57 | 6.48 | 7.92 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:31 | 72.8548611 | Deploying | 2 | 11460 | 6.44 | 4.57 | 6.5 | 7.92 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:31 | 72.8548843 | Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:31 | 72.8552083 | Deploying | 2 | 11490 | 6.5 | 4.63 | 6.52 | 7.94 | 2266 | 1657 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:32 | 72.8555556 | Deploying | 2 | 11520 | 6.51 | 4.63 | 6.54 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:32 | 72.8559028 | Deploying | 2 | 11550 | 6.51 | 4.63 | 6.55 | 7.94 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 20:33 | 72.8562500 | Deploying | 2 | 11580 | 6.52 | 4.63 | 6.57 | 7.95 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:33 | 72.8565162 | Winding down 1763 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:33 | 72.8565972 | Deploying | 2 | 11610 | 6.53 | 4.69 | 6.59 | 7.97 | 2262 | 1639 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 20:34 | 72.8569444 | Deploying | 2 | 11640 | 6.59 | 4.69 | 6.6 | 7.94 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:34 | 72.8572917 | Deploying | 2 | 11670 | 6.6 | 4.69 | 6.62 | 7.98 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:35 | 72.8576389 | Deploying | 2 | 11700 | 6.6 | 4.69 | 6.64 | 7.94 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:35 | 72.8579861 | Deploying | 2 | 11730 | 6.6 | 4.69 | 6.65 | 7.95 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:35 | 72.8581019 | Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:36 | 72.8583333 | Deploying | 2 | 11760 | 6.64 | 4.76 | 6.67 | 7.94 | 2273 | 1643 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:36 | 72.8586806 | Deploying | 2 | 11790 | 6.67 | 4.76 | 6.69 | 7.95 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:37 | 72.8590278 | Deploying | 2 | 11820 | 6.67 | 4.76 | 6.71 | 7.98 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:37 | 72.8593750 | Deploying | 2 | 11850 | 6.67 | 4.76 | 6.72 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:37 | 72.8595602 | Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:38 | 72.8597222 | Deploying | 2 | 11880 | 6.71 | 4.82 | 6.74 | 7.94 | 2182 | 1659 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:38 | 72.8600694 | Deploying | 2 | 11910 | 6.75 | 4.82 | 6.76 | 7.95 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:39 | 72.8604167 | Deploying | 2 | 11940 | 6.75 | 4.82 | 6.77 | 7.95 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 20:39 | 72.8607639 | Deploying | 2 | 11970 | 6.76 | 4.82 | 6.79 | 7.92 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 20:40 | 72.8611111 | Deploying | 2 | 12000 | 6.75 | 4.82 | 6.81 | 7.95 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:40 | 72.8612963 | Winding down 1714 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:40 | 72.8614583 | Deploying | 2 | 12030 | 6.78 | 4.88 | 6.82 | 7.94 | 2130 | 1604 | 1 | -95 | -12 | -20 | -12 |
| 3/12/2016 20:41 | 72.8618056 | Deploying | 2 | 12060 | 6.82 | 4.88 | 6.84 | 7.94 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 20:41 | 72.8621528 | Deploying | 2 | 12090 | 6.82 | 4.88 | 6.86 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:42 | 72.8625000 | Deploying | 2 | 12120 | 6.82 | 4.88 | 6.88 | 7.94 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:42 | 72.8626157 Winding down 1554 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 20:42 | 72.8628472 Deploying | | 2 | 12150 | 6.87 | 4.94 | 6.89 | 7.94 | 2142 | 1619 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:43 | 72.8631944 Deploying | | 2 | 12180 | 6.89 | 4.94 | 6.91 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:43 | 72.8635417 Deploying | | 2 | 12210 | 6.89 | 4.94 | 6.93 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:44 | 72.8638889 Deploying | | 2 | 12240 | 6.9 | 4.94 | 6.94 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:44 | 72.8642361 Deploying | | 2 | 12270 | 6.89 | 4.94 | 6.96 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:44 | 72.8642708 Winding down 1855 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 20:45 | 72.8645833 Deploying | | 2 | 12300 | 6.97 | 5.01 | 6.98 | 7.9 | 2131 | 1606 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:45 | 72.8649306 Deploying | | 2 | 12330 | 6.98 | 5.01 | 6.99 | 7.94 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 20:46 | 72.8652778 Deploying | | 2 | 12360 | 6.98 | 5.01 | 7.01 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:46 | 72.8656250 Deploying | | 2 | 12390 | 6.98 | 5.01 | 7.03 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:46 | 72.8657986 Winding down 1575 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 20:47 | 72.8659722 Deploying | | 2 | 12420 | 7.01 | 5.07 | 7.05 | 7.94 | 2286 | 1678 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:47 | 72.8663194 Deploying | | 2 | 12450 | 7.05 | 5.07 | 7.06 | 7.94 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 20:48 | 72.8666667 Deploying | | 2 | 12480 | 7.05 | 5.07 | 7.08 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:48 | 72.8670139 Deploying | | 2 | 12510 | 7.06 | 5.07 | 7.1 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:49 | 72.8673611 Deploying | | 2 | 12540 | 7.06 | 5.07 | 7.11 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:49 | 72.8674884 Winding down 1718 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 20:49 | 72.8677083 Deploying | | 2 | 12570 | 7.1 | 5.14 | 7.13 | 7.94 | 2273 | 1663 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:50 | 72.8680556 Deploying | | 2 | 12600 | 7.14 | 5.14 | 7.15 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:50 | 72.8684028 Deploying | | 2 | 12630 | 7.13 | 5.14 | 7.16 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:51 | 72.8687500 Deploying | | 2 | 12660 | 7.12 | 5.14 | 7.18 | 7.94 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 20:51 | 72.8688773 Winding down 1568 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 20:51 | 72.8690972 Deploying | | 2 | 12690 | 7.18 | 5.2 | 7.2 | 7.92 | 2272 | 1657 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:52 | 72.8694444 Deploying | | 2 | 12720 | 7.2 | 5.2 | 7.22 | 7.94 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 20:52 | 72.8697917 Deploying | | 2 | 12750 | 7.21 | 5.2 | 7.23 | 7.94 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 20:53 | 72.8701389 Deploying | | 2 | 12780 | 7.21 | 5.2 | 7.25 | 7.95 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:53 | 72.8704861 Deploying | | 2 | 12810 | 7.21 | 5.2 | 7.27 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:53 | 72.8705903 Winding down 1565 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 20:54 | 72.8708333 Deploying | | 2 | 12840 | 7.26 | 5.26 | 7.28 | 7.94 | 2279 | 1655 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:54 | 72.8711806 Deploying | | 2 | 12870 | 7.27 | 5.26 | 7.3 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:55 | 72.8715278 Deploying | | 2 | 12900 | 7.28 | 5.26 | 7.32 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:55 | 72.8718750 Deploying | | 2 | 12930 | 7.28 | 5.26 | 7.33 | 7.94 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 20:55 | 72.8720255 Winding down 1621 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 20:56 | 72.8722222 Deploying | | 2 | 12960 | 7.32 | 5.32 | 7.35 | 7.94 | 2126 | 1636 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:56 | 72.8725694 Deploying | | 2 | 12990 | 7.35 | 5.32 | 7.37 | 7.94 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 20:57 | 72.8729167 Deploying | | 2 | 13020 | 7.35 | 5.32 | 7.39 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:57 | 72.8732639 Deploying | | 2 | 13050 | 7.36 | 5.32 | 7.4 | 7.95 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:57 | 72.8735995 Winding down 1673 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 20:58 | 72.8736111 Deploying | | 2 | 13080 | 7.36 | 5.39 | 7.42 | 7.94 | 2262 | 1663 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 20:58 | 72.8739583 Deploying | | 2 | 13110 | 7.43 | 5.39 | 7.44 | 7.95 | 2262 | 44 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:59 | 72.8743056 Deploying | | 2 | 13140 | 7.42 | 5.39 | 7.45 | 7.97 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 20:59 | 72.8746528 Deploying | | 2 | 13170 | 7.43 | 5.39 | 7.47 | 7.95 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 21:00 | 72.8750000 Deploying | | 2 | 13200 | 7.43 | 5.39 | 7.49 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:00 | 72.8750579 Winding down 1583 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 21:00 | 72.8753472 Deploying | | 2 | 13230 | 7.48 | 5.45 | 7.5 | 7.9 | 2130 | 1618 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:01 | 72.8756944 Deploying | | 2 | 13260 | 7.5 | 5.45 | 7.52 | 7.95 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 21:01 | 72.8760417 Deploying | | 2 | 13290 | 7.51 | 5.45 | 7.54 | 7.92 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 21:02 | 72.8763889 Deploying | | 2 | 13320 | 7.5 | 5.45 | 7.56 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:02 | 72.8765972 Winding down 1717 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 21:02 | 72.8767361 Deploying | | 2 | 13350 | 7.53 | 5.51 | 7.57 | 7.95 | 2269 | 1637 | 0 | -11 | -12 | -11 | -12 |
| 3/12/2016 21:03 | 72.8770833 Deploying | | 2 | 13380 | 7.58 | 5.51 | 7.59 | 7.92 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/12/2016 21:03 | 72.8774306 Deploying | | 2 | 13410 | 7.57 | 5.51 | 7.61 | 7.92 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/12/2016 21:04 | 72.8777778 Deploying | | 2 | 13440 | 7.58 | 5.51 | 7.62 | 7.92 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 21:04 | 72.8781019 Winding down 1634 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:04 | 72.8781250 Deploying | 2 | 13470 | 7.58 | 5.57 | 7.64 | 7.89 | 2153 | 1619 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 21:05 | 72.8784722 Deploying | 2 | 13500 | 7.65 | 5.57 | 7.66 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:05 | 72.8788194 Deploying | 2 | 13530 | 7.65 | 5.57 | 7.67 | 7.92 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 21:06 | 72.8791667 Deploying | 2 | 13560 | 7.65 | 5.57 | 7.69 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:06 | 72.8795139 Deploying | 2 | 13590 | 7.65 | 5.57 | 7.71 | 7.9 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 21:06 | 72.8795949 Winding down 1486 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:07 | 72.8798611 Deploying | 2 | 13620 | 7.7 | 5.63 | 7.73 | 7.92 | 2121 | 1619 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 21:07 | 72.8802083 Deploying | 2 | 13650 | 7.72 | 5.63 | 7.74 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:08 | 72.8805556 Deploying | 2 | 13680 | 7.71 | 5.63 | 7.76 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:08 | 72.8809028 Deploying | 2 | 13710 | 7.72 | 5.63 | 7.78 | 7.94 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 21:08 | 72.8809375 Winding down 1480 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:09 | 72.8812500 Deploying | 2 | 13740 | 7.77 | 5.69 | 7.79 | 7.9 | 2268 | 1634 | 0 | -11 | -13 | -11 | -13 |
| 3/12/2016 21:09 | 72.8815972 Deploying | 2 | 13770 | 7.78 | 5.69 | 7.81 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:10 | 72.8819444 Deploying | 2 | 13800 | 7.79 | 5.69 | 7.83 | 7.92 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 21:10 | 72.8822917 Deploying | 2 | 13830 | 7.78 | 5.69 | 7.84 | 7.9 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 21:10 | 72.8822917 Winding down 1737 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:11 | 72.8826389 Deploying | 2 | 13860 | 7.86 | 5.75 | 7.86 | 7.95 | 2267 | 1636 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:11 | 72.8829861 Deploying | 2 | 13890 | 7.86 | 5.75 | 7.88 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:12 | 72.8833333 Deploying | 2 | 13920 | 7.86 | 5.75 | 7.9 | 7.94 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 21:12 | 72.8836806 Deploying | 2 | 13950 | 7.86 | 5.75 | 7.91 | 7.92 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 21:12 | 72.8838657 Winding down 1539 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:13 | 72.8840278 Deploying | 2 | 13980 | 7.89 | 5.81 | 7.93 | 7.97 | 2140 | 1624 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:13 | 72.8843750 Deploying | 2 | 14010 | 7.92 | 5.81 | 7.95 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:14 | 72.8847222 Deploying | 2 | 14040 | 7.93 | 5.81 | 7.96 | 7.92 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/12/2016 21:14 | 72.8850694 Deploying | 2 | 14070 | 7.93 | 5.81 | 7.98 | 7.94 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 21:14 | 72.8851273 Winding down 1383 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:15 | 72.8854167 Deploying | 2 | 14100 | 7.99 | 5.86 | 8 | 7.92 | 2270 | 1634 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 21:15 | 72.8857639 Deploying | 2 | 14130 | 8 | 5.86 | 8.01 | 7.94 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 21:16 | 72.8861111 Deploying | 2 | 14160 | 8 | 5.86 | 8.03 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:16 | 72.8864583 Deploying | 2 | 14190 | 7.99 | 5.86 | 8.05 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:16 | 72.8866435 Winding down 1714 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:17 | 72.8868056 Deploying | 2 | 14220 | 8.02 | 5.93 | 8.07 | 7.94 | 2265 | 1672 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:17 | 72.8871528 Deploying | 2 | 14250 | 8.07 | 5.93 | 8.08 | 7.92 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 21:18 | 72.8875000 Deploying | 2 | 14280 | 8.07 | 5.93 | 8.1 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:18 | 72.8878472 Deploying | 2 | 14310 | 8.07 | 5.93 | 8.12 | 7.92 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 21:18 | 72.8880440 Winding down 1478 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:19 | 72.8881944 Deploying | 2 | 14340 | 8.1 | 5.99 | 8.13 | 7.94 | 2254 | 1623 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 21:19 | 72.8885417 Deploying | 2 | 14370 | 8.13 | 5.99 | 8.15 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:20 | 72.8888889 Deploying | 2 | 14400 | 8.14 | 5.99 | 8.17 | 7.92 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 21:20 | 72.8892361 Deploying | 2 | 14430 | 8.13 | 5.99 | 8.18 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:20 | 72.8895139 Winding down 1602 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:21 | 72.8895833 Deploying | 2 | 14460 | 8.15 | 6.05 | 8.2 | 7.92 | 2203 | 1632 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:21 | 72.8899306 Deploying | 2 | 14490 | 8.2 | 6.05 | 8.22 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:22 | 72.8902778 Deploying | 2 | 14520 | 8.21 | 6.05 | 8.24 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:22 | 72.8906250 Deploying | 2 | 14550 | 8.2 | 6.05 | 8.25 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:22 | 72.8908912 Winding down 1563 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:23 | 72.8909722 Deploying | 2 | 14580 | 8.22 | 6.11 | 8.27 | 7.92 | 2265 | 1646 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 21:23 | 72.8913194 Deploying | 2 | 14610 | 8.28 | 6.11 | 8.29 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:24 | 72.8916667 Deploying | 2 | 14640 | 8.28 | 6.11 | 8.3 | 7.92 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 21:24 | 72.8920139 Deploying | 2 | 14670 | 8.27 | 6.11 | 8.32 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:24 | 72.8923264 Winding down 1495 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 21:25 | 72.8923611 Deploying | 2 | 14700 | 8.28 | 6.16 | 8.34 | 7.92 | 2268 | 1632 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:25 | 72.8927083 Deploying | 2 | 14730 | 8.34 | 6.16 | 8.35 | 7.95 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 21:26 | 72.8930556 | Deploying | 2 | 14760 | 8.34 | 6.16 | 8.37 | 7.92 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 21:26 | 72.8934028 | Deploying | 2 | 14790 | 8.34 | 6.16 | 8.39 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:26 | 72.8936806 | Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:27 | 72.8937500 | Deploying | 2 | 14820 | 8.35 | 6.22 | 8.41 | 7.9 | 2272 | 1637 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:27 | 72.8940972 | Deploying | 2 | 14850 | 8.41 | 6.22 | 8.42 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:28 | 72.8944444 | Deploying | 2 | 14880 | 8.41 | 6.22 | 8.44 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:28 | 72.8947917 | Deploying | 2 | 14910 | 8.41 | 6.22 | 8.46 | 7.9 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 21:28 | 72.8950463 | Winding down 1524 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:29 | 72.8951389 | Deploying | 2 | 14940 | 8.42 | 6.28 | 8.47 | 7.92 | 2133 | 1639 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 21:29 | 72.8954861 | Deploying | 2 | 14970 | 8.49 | 6.28 | 8.49 | 7.92 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 21:30 | 72.8958333 | Deploying | 2 | 15000 | 8.49 | 6.28 | 8.51 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:30 | 72.8961806 | Deploying | 2 | 15030 | 8.49 | 6.28 | 8.52 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:31 | 72.8965278 | Deploying | 2 | 15060 | 8.48 | 6.28 | 8.54 | 7.95 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:31 | 72.8965972 | Winding down 1497 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:31 | 72.8968750 | Deploying | 2 | 15090 | 8.54 | 6.34 | 8.56 | 7.9 | 2267 | 1635 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:32 | 72.8972222 | Deploying | 2 | 15120 | 8.55 | 6.34 | 8.58 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:32 | 72.8975694 | Deploying | 2 | 15150 | 8.54 | 6.34 | 8.59 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:32 | 72.8978009 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:33 | 72.8979167 | Deploying | 2 | 15180 | 8.57 | 6.4 | 8.61 | 7.9 | 2147 | 1638 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:33 | 72.8982639 | Deploying | 2 | 15210 | 8.62 | 6.4 | 8.63 | 7.94 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 21:34 | 72.8986111 | Deploying | 2 | 15240 | 8.62 | 6.4 | 8.64 | 7.92 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 21:34 | 72.8989583 | Deploying | 2 | 15270 | 8.63 | 6.4 | 8.66 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:35 | 72.8993056 | Deploying | 2 | 15300 | 8.62 | 6.4 | 8.68 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:35 | 72.8994444 | Winding down 1807 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:35 | 72.8996528 | Deploying | 2 | 15330 | 8.66 | 6.47 | 8.69 | 7.9 | 2277 | 1674 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:36 | 72.9000000 | Deploying | 2 | 15360 | 8.7 | 6.47 | 8.71 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:36 | 72.9003472 | Deploying | 2 | 15390 | 8.7 | 6.47 | 8.73 | 7.92 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:37 | 72.9006944 | Deploying | 2 | 15420 | 8.7 | 6.47 | 8.75 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:37 | 72.9010069 | Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:37 | 72.9010417 | Deploying | 2 | 15450 | 8.7 | 6.53 | 8.76 | 7.9 | 2270 | 1644 | 0 | -12 | -12 | -11 | -12 |
| 3/12/2016 21:38 | 72.9013889 | Deploying | 2 | 15480 | 8.77 | 6.53 | 8.78 | 7.94 | 0 | 0 | 0 | -12 | -13 | -11 | -13 |
| 3/12/2016 21:38 | 72.9017361 | Deploying | 2 | 15510 | 8.78 | 6.53 | 8.8 | 7.94 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:39 | 72.9020833 | Deploying | 2 | 15540 | 8.77 | 6.53 | 8.81 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:39 | 72.9024306 | Deploying | 2 | 15570 | 8.77 | 6.53 | 8.83 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:39 | 72.9025579 | Winding down 1643 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:40 | 72.9027778 | Deploying | 2 | 15600 | 8.82 | 6.59 | 8.85 | 7.92 | 2212 | 1652 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:40 | 72.9031250 | Deploying | 2 | 15630 | 8.84 | 6.59 | 8.86 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:41 | 72.9034722 | Deploying | 2 | 15660 | 8.84 | 6.59 | 8.88 | 7.87 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:41 | 72.9038194 | Deploying | 2 | 15690 | 8.85 | 6.59 | 8.9 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:41 | 72.9039352 | Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:42 | 72.9041667 | Deploying | 2 | 15720 | 8.89 | 6.65 | 8.92 | 7.89 | 2152 | 1626 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 21:42 | 72.9045139 | Deploying | 2 | 15750 | 8.92 | 6.65 | 8.93 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:43 | 72.9048611 | Deploying | 2 | 15780 | 8.91 | 6.65 | 8.95 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:43 | 72.9052083 | Deploying | 2 | 15810 | 8.92 | 6.65 | 8.97 | 7.9 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 21:43 | 72.9054051 | Winding down 1578 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:44 | 72.9055556 | Deploying | 2 | 15840 | 8.94 | 6.71 | 8.98 | 7.94 | 2274 | 1650 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:44 | 72.9059028 | Deploying | 2 | 15870 | 8.98 | 6.71 | 9 | 7.9 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 21:45 | 72.9062500 | Deploying | 2 | 15900 | 8.99 | 6.71 | 9.02 | 7.87 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:45 | 72.9065972 | Deploying | 2 | 15930 | 8.98 | 6.71 | 9.03 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:45 | 72.9068056 | Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:46 | 72.9069444 | Deploying | 2 | 15960 | 9.01 | 6.77 | 9.05 | 7.9 | 2260 | 1637 | 1 | -95 | -12 | -20 | -12 |
| 3/12/2016 21:46 | 72.9072917 | Deploying | 2 | 15990 | 9.06 | 6.77 | 9.07 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:47 | 72.9076389 | Deploying | 2 | 16020 | 9.06 | 6.77 | 9.09 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:47 | 72.9079861 | Deploying | 2 | 16050 | 9.06 | 6.77 | 9.1 | 7.94 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 21:47 | 72.9083218 Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:48 | 72.9083333 Deploying | 2 | 16080 | 9.06 | 6.83 | 9.12 | 7.9 | 2175 | 1641 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:48 | 72.9086806 Deploying | 2 | 16110 | 9.13 | 6.83 | 9.14 | 7.94 | 2175 | 51 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 21:49 | 72.9090278 Deploying | 2 | 16140 | 9.13 | 6.83 | 9.15 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:49 | 72.9093750 Deploying | 2 | 16170 | 9.13 | 6.83 | 9.17 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:50 | 72.9097222 Deploying | 2 | 16200 | 9.12 | 6.83 | 9.19 | 7.87 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:50 | 72.9097685 Winding down 1669 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:50 | 72.9100694 Deploying | 2 | 16230 | 9.18 | 6.89 | 9.2 | 7.9 | 2272 | 1652 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:51 | 72.9104167 Deploying | 2 | 16260 | 9.2 | 6.89 | 9.22 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:51 | 72.9107639 Deploying | 2 | 16290 | 9.2 | 6.89 | 9.24 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:52 | 72.9111111 Deploying | 2 | 16320 | 9.2 | 6.89 | 9.26 | 7.92 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 21:52 | 72.9111574 Winding down 1494 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:52 | 72.9114583 Deploying | 2 | 16350 | 9.26 | 6.95 | 9.27 | 7.92 | 2273 | 1672 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 21:53 | 72.9118056 Deploying | 2 | 16380 | 9.27 | 6.95 | 9.29 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:53 | 72.9121528 Deploying | 2 | 16410 | 9.27 | 6.95 | 9.31 | 7.92 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 21:54 | 72.9125000 Deploying | 2 | 16440 | 9.27 | 6.95 | 9.32 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:54 | 72.9126620 Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:54 | 72.9128472 Deploying | 2 | 16470 | 9.31 | 7.01 | 9.34 | 7.92 | 2260 | 1639 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 21:55 | 72.9131944 Deploying | 2 | 16500 | 9.34 | 7.01 | 9.36 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:55 | 72.9135417 Deploying | 2 | 16530 | 9.35 | 7.01 | 9.37 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:56 | 72.9138889 Deploying | 2 | 16560 | 9.34 | 7.01 | 9.39 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:56 | 72.9141898 Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:56 | 72.9142361 Deploying | 2 | 16590 | 9.36 | 7.07 | 9.41 | 7.9 | 2229 | 1636 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:57 | 72.9145833 Deploying | 2 | 16620 | 9.42 | 7.07 | 9.43 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:57 | 72.9149306 Deploying | 2 | 16650 | 9.41 | 7.07 | 9.44 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 21:58 | 72.9152778 Deploying | 2 | 16680 | 9.41 | 7.07 | 9.46 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:58 | 72.9154977 Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:58 | 72.9156250 Deploying | 2 | 16710 | 9.43 | 7.13 | 9.48 | 7.9 | 2284 | 1639 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:59 | 72.9159722 Deploying | 2 | 16740 | 9.48 | 7.13 | 9.49 | 7.92 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 21:59 | 72.9163194 Deploying | 2 | 16770 | 9.48 | 7.13 | 9.51 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:00 | 72.9166667 Deploying | 2 | 16800 | 9.48 | 7.13 | 9.53 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:00 | 72.9170139 Deploying | 2 | 16830 | 9.48 | 7.13 | 9.54 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:00 | 72.9171065 Winding down 1875 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:01 | 72.9173611 Deploying | 2 | 16860 | 9.53 | 7.2 | 9.56 | 7.89 | 2113 | 1617 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:01 | 72.9177083 Deploying | 2 | 16890 | 9.56 | 7.2 | 9.58 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:02 | 72.9180556 Deploying | 2 | 16920 | 9.57 | 7.2 | 9.6 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:02 | 72.9184028 Deploying | 2 | 16950 | 9.56 | 7.2 | 9.61 | 7.87 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:02 | 72.9185069 Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:03 | 72.9187500 Deploying | 2 | 16980 | 9.6 | 7.26 | 9.63 | 7.9 | 2168 | 1642 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:03 | 72.9190972 Deploying | 2 | 17010 | 9.63 | 7.26 | 9.65 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:04 | 72.9194444 Deploying | 2 | 17040 | 9.63 | 7.26 | 9.66 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:04 | 72.9197917 Deploying | 2 | 17070 | 9.62 | 7.26 | 9.68 | 7.89 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 22:04 | 72.9200463 Winding down 1724 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:05 | 72.9201389 Deploying | 2 | 17100 | 9.64 | 7.32 | 9.7 | 7.9 | 2155 | 1656 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:05 | 72.9204861 Deploying | 2 | 17130 | 9.7 | 7.32 | 9.71 | 7.9 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:06 | 72.9208333 Deploying | 2 | 17160 | 9.7 | 7.32 | 9.73 | 7.9 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 22:06 | 72.9211806 Deploying | 2 | 17190 | 9.71 | 7.32 | 9.75 | 7.92 | 0 | 0 | 0 | -14 | -10 | -12 | -10 |
| 3/12/2016 22:07 | 72.9215278 Deploying | 2 | 17220 | 9.71 | 7.32 | 9.77 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:07 | 72.9216435 Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:07 | 72.9218750 Deploying | 2 | 17250 | 9.75 | 7.38 | 9.78 | 7.92 | 2271 | 1649 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:08 | 72.9222222 Deploying | 2 | 17280 | 9.78 | 7.38 | 9.8 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:08 | 72.9225694 Deploying | 2 | 17310 | 9.78 | 7.38 | 9.82 | 7.87 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:09 | 72.9229167 Deploying | 2 | 17340 | 9.78 | 7.38 | 9.83 | 7.89 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 22:09 | 72.9230671 Winding down 1521 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:09 | 72.9232639 Deploying | | 2 | 17370 | 9.82 | 7.44 | 9.85 | 7.92 | 2260 | 1637 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:10 | 72.9236111 Deploying | | 2 | 17400 | 9.85 | 7.44 | 9.87 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:10 | 72.9239583 Deploying | | 2 | 17430 | 9.85 | 7.44 | 9.88 | 7.87 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 22:11 | 72.9243056 Deploying | | 2 | 17460 | 9.85 | 7.44 | 9.9 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:11 | 72.9244097 Winding down 1515 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:11 | 72.9246528 Deploying | | 2 | 17490 | 9.89 | 7.5 | 9.92 | 7.87 | 2130 | 1622 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:12 | 72.9250000 Deploying | | 2 | 17520 | 9.92 | 7.5 | 9.94 | 7.89 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 22:12 | 72.9253472 Deploying | | 2 | 17550 | 9.91 | 7.5 | 9.95 | 7.89 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 22:13 | 72.9256944 Deploying | | 2 | 17580 | 9.92 | 7.5 | 9.97 | 7.9 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:13 | 72.9258796 Winding down 1614 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:13 | 72.9260417 Deploying | | 2 | 17610 | 9.94 | 7.56 | 9.99 | 7.92 | 2246 | 1635 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:14 | 72.9263889 Deploying | | 2 | 17640 | 9.98 | 7.56 | 10 | 7.9 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 22:14 | 72.9267361 Deploying | | 2 | 17670 | 9.99 | 7.56 | 10.02 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:15 | 72.9270833 Deploying | | 2 | 17700 | 9.99 | 7.56 | 10.04 | 7.87 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:15 | 72.9273611 Winding down 1652 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:15 | 72.9274306 Deploying | | 2 | 17730 | 10 | 7.63 | 10.05 | 7.92 | 2259 | 1662 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 22:16 | 72.9277778 Deploying | | 2 | 17760 | 10.07 | 7.63 | 10.07 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:16 | 72.9281250 Deploying | | 2 | 17790 | 10.06 | 7.63 | 10.09 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:17 | 72.9284722 Deploying | | 2 | 17820 | 10.06 | 7.63 | 10.11 | 7.9 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:17 | 72.9287731 Winding down 1530 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:17 | 72.9288194 Deploying | | 2 | 17850 | 10.07 | 7.68 | 10.12 | 7.89 | 2274 | 1646 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 22:18 | 72.9291667 Deploying | | 2 | 17880 | 10.12 | 7.68 | 10.14 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:18 | 72.9295139 Deploying | | 2 | 17910 | 10.12 | 7.68 | 10.16 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:19 | 72.9298611 Deploying | | 2 | 17940 | 10.13 | 7.68 | 10.17 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:19 | 72.9301620 Winding down 1830 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:19 | 72.9302083 Deploying | | 2 | 17970 | 10.13 | 7.75 | 10.19 | 7.89 | 2127 | 1625 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:20 | 72.9305556 Deploying | | 2 | 18000 | 10.21 | 7.75 | 10.21 | 7.9 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:20 | 72.9309028 Deploying | | 2 | 18030 | 10.21 | 7.75 | 10.22 | 7.89 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:21 | 72.9312500 Deploying | | 2 | 18060 | 10.21 | 7.75 | 10.24 | 7.87 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:21 | 72.9315972 Deploying | | 2 | 18090 | 10.21 | 7.75 | 10.26 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:21 | 72.9318171 Winding down 1706 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:22 | 72.9319444 Deploying | | 2 | 18120 | 10.23 | 7.82 | 10.28 | 7.86 | 2270 | 1662 | 1 | -14 | -14 | -20 | -14 |
| 3/12/2016 22:22 | 72.9322917 Deploying | | 2 | 18150 | 10.27 | 7.82 | 10.29 | 7.9 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:23 | 72.9326389 Deploying | | 2 | 18180 | 10.28 | 7.82 | 10.31 | 7.9 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 22:23 | 72.9329861 Deploying | | 2 | 18210 | 10.28 | 7.82 | 10.33 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:23 | 72.9332870 Winding down 1555 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:24 | 72.9333333 Deploying | | 2 | 18240 | 10.29 | 7.88 | 10.34 | 7.89 | 2137 | 1628 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 22:24 | 72.9336806 Deploying | | 2 | 18270 | 10.35 | 7.88 | 10.36 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:25 | 72.9340278 Deploying | | 2 | 18300 | 10.35 | 7.88 | 10.38 | 7.87 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:25 | 72.9343750 Deploying | | 2 | 18330 | 10.35 | 7.88 | 10.39 | 7.89 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 22:26 | 72.9347222 Deploying | | 2 | 18360 | 10.35 | 7.88 | 10.41 | 7.89 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 22:26 | 72.9348380 Winding down 1729 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:26 | 72.9350694 Deploying | | 2 | 18390 | 10.39 | 7.95 | 10.43 | 7.89 | 2164 | 1648 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:27 | 72.9354167 Deploying | | 2 | 18420 | 10.42 | 7.95 | 10.45 | 7.89 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:27 | 72.9357639 Deploying | | 2 | 18450 | 10.43 | 7.95 | 10.46 | 7.89 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:28 | 72.9361111 Deploying | | 2 | 18480 | 10.42 | 7.95 | 10.48 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:28 | 72.9361227 Winding down 1401 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:28 | 72.9364583 Deploying | | 2 | 18510 | 10.49 | 8 | 10.5 | 7.89 | 2273 | 1655 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:29 | 72.9368056 Deploying | | 2 | 18540 | 10.49 | 8 | 10.51 | 7.92 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 22:29 | 72.9371528 Deploying | | 2 | 18570 | 10.5 | 8 | 10.53 | 7.87 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 22:30 | 72.9375000 Deploying | | 2 | 18600 | 10.49 | 8 | 10.55 | 7.87 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 22:30 | 72.9376736 Winding down 1625 ticks | | 3 | | | | | | | | | | | | |
| 3/12/2016 22:30 | 72.9378472 Deploying | | 2 | 18630 | 10.53 | 8.06 | 10.56 | 7.87 | 2100 | 1623 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 22:31 | 72.9381944 Deploying | | 2 | 18660 | 10.56 | 8.06 | 10.58 | 7.87 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |

| Date/Time | Value | Status | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 | Col13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:31 | 72.9385417 | Deploying | 2 | 18690 | 10.56 | 8.06 | 10.6 | 7.89 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:32 | 72.9388889 | Deploying | 2 | 18720 | 10.56 | 8.06 | 10.62 | 7.89 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 22:32 | 72.9390046 | Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:32 | 72.9392361 | Deploying | 2 | 18750 | 10.61 | 8.13 | 10.63 | 7.9 | 2142 | 1618 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:33 | 72.9395833 | Deploying | 2 | 18780 | 10.64 | 8.13 | 10.65 | 7.89 | 0 | 0 | 0 | -14 | -10 | -12 | -10 |
| 3/12/2016 22:33 | 72.9399306 | Deploying | 2 | 18810 | 10.64 | 8.13 | 10.67 | 7.89 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:34 | 72.9402778 | Deploying | 2 | 18840 | 10.64 | 8.13 | 10.68 | 7.87 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 22:34 | 72.9406250 | Deploying | 2 | 18870 | 10.64 | 8.13 | 10.7 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:34 | 72.9407292 | Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:35 | 72.9409722 | Deploying | 2 | 18900 | 10.69 | 8.19 | 10.72 | 7.89 | 2272 | 1654 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:35 | 72.9413194 | Deploying | 2 | 18930 | 10.72 | 8.19 | 10.73 | 7.87 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 22:36 | 72.9416667 | Deploying | 2 | 18960 | 10.71 | 8.19 | 10.75 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:36 | 72.9420139 | Deploying | 2 | 18990 | 10.72 | 8.19 | 10.77 | 7.87 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 22:36 | 72.9422569 | Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:37 | 72.9423611 | Deploying | 2 | 19020 | 10.74 | 8.25 | 10.79 | 7.92 | 2264 | 1614 | 0 | -16 | -9 | -12 | -9 |
| 3/12/2016 22:37 | 72.9427083 | Deploying | 2 | 19050 | 10.79 | 8.25 | 10.8 | 7.87 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 22:38 | 72.9430556 | Deploying | 2 | 19080 | 10.78 | 8.25 | 10.82 | 7.89 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:38 | 72.9434028 | Deploying | 2 | 19110 | 10.78 | 8.25 | 10.84 | 7.86 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 22:38 | 72.9435301 | Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:39 | 72.9437500 | Deploying | 2 | 19140 | 10.82 | 8.31 | 10.85 | 7.87 | 2141 | 1618 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:39 | 72.9440972 | Deploying | 2 | 19170 | 10.85 | 8.31 | 10.87 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:40 | 72.9444444 | Deploying | 2 | 19200 | 10.86 | 8.31 | 10.89 | 7.89 | 0 | 0 | 0 | -14 | -15 | -12 | -15 |
| 3/12/2016 22:40 | 72.9447917 | Deploying | 2 | 19230 | 10.85 | 8.31 | 10.9 | 7.89 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 22:40 | 72.9449074 | Winding down 1454 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:41 | 72.9451389 | Deploying | 2 | 19260 | 10.9 | 8.36 | 10.92 | 7.87 | 2158 | 1630 | 0 | -13 | -15 | -13 | -15 |
| 3/12/2016 22:41 | 72.9454861 | Deploying | 2 | 19290 | 10.93 | 8.36 | 10.94 | 7.87 | 0 | 0 | 0 | -11 | -14 | -13 | -14 |
| 3/12/2016 22:42 | 72.9458333 | Deploying | 2 | 19320 | 10.92 | 8.36 | 10.96 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:42 | 72.9461806 | Deploying | 2 | 19350 | 10.92 | 8.36 | 10.97 | 7.9 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 22:42 | 72.9464699 | Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:43 | 72.9465278 | Deploying | 2 | 19380 | 10.94 | 8.43 | 10.99 | 7.89 | 2256 | 1603 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:43 | 72.9468750 | Deploying | 2 | 19410 | 10.99 | 8.43 | 11.01 | 7.86 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 22:44 | 72.9472222 | Deploying | 2 | 19440 | 11 | 8.43 | 11.02 | 7.87 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 22:44 | 72.9475694 | Deploying | 2 | 19470 | 11 | 8.43 | 11.04 | 7.9 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:45 | 72.9479167 | Deploying | 2 | 19500 | 10.99 | 8.43 | 11.06 | 7.87 | 0 | 0 | 0 | -15 | -13 | -12 | -13 |
| 3/12/2016 22:45 | 72.9479861 | Winding down 1772 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:45 | 72.9482639 | Deploying | 2 | 19530 | 11.05 | 8.49 | 11.07 | 7.89 | 2237 | 1637 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:46 | 72.9486111 | Deploying | 2 | 19560 | 11.08 | 8.49 | 11.09 | 7.89 | 0 | 0 | 0 | -10 | -11 | -12 | -11 |
| 3/12/2016 22:46 | 72.9489583 | Deploying | 2 | 19590 | 11.07 | 8.49 | 11.11 | 7.86 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:47 | 72.9493056 | Deploying | 2 | 19620 | 11.07 | 8.49 | 11.13 | 7.86 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:47 | 72.9494560 | Winding down 1471 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:47 | 72.9496528 | Deploying | 2 | 19650 | 11.11 | 8.55 | 11.14 | 7.89 | 2159 | 1629 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 22:48 | 72.9500000 | Deploying | 2 | 19680 | 11.15 | 8.55 | 11.16 | 7.89 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 22:48 | 72.9503472 | Deploying | 2 | 19710 | 11.15 | 8.55 | 11.18 | 7.87 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 22:49 | 72.9506944 | Deploying | 2 | 19740 | 11.15 | 8.55 | 11.19 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:49 | 72.9510417 | Deploying | 2 | 19770 | 11.15 | 8.55 | 11.21 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:49 | 72.9511690 | Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:50 | 72.9513889 | Deploying | 2 | 19800 | 11.19 | 8.61 | 11.23 | 7.86 | 2142 | 1633 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 22:50 | 72.9517361 | Deploying | 2 | 19830 | 11.22 | 8.61 | 11.24 | 7.89 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 22:51 | 72.9520833 | Deploying | 2 | 19860 | 11.22 | 8.61 | 11.26 | 7.89 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:51 | 72.9524306 | Deploying | 2 | 19890 | 11.22 | 8.61 | 11.28 | 7.9 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/12/2016 22:51 | 72.9524537 | Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:52 | 72.9527778 | Deploying | 2 | 19920 | 11.29 | 8.66 | 11.3 | 7.89 | 2121 | 1611 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 22:52 | 72.9531250 | Deploying | 2 | 19950 | 11.29 | 8.66 | 11.31 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 22:53 | 72.9534722 | Deploying | 2 | 19980 | 11.29 | 8.66 | 11.33 | 7.87 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:53 | 72.9538194 Deploying | 2 | 20010 | 11.29 | 8.66 | 11.35 | 7.87 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 22:53 | 72.9539120 Winding down 1600 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 22:54 | 72.9541667 Deploying | 2 | 20040 | 11.33 | 8.73 | 11.36 | 7.89 | 2141 | 1627 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 22:54 | 72.9545139 Deploying | 2 | 20070 | 11.36 | 8.73 | 11.38 | 7.87 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 22:55 | 72.9548611 Deploying | 2 | 20100 | 11.37 | 8.73 | 11.4 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:55 | 72.9552083 Deploying | 2 | 20130 | 11.37 | 8.73 | 11.41 | 7.87 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 22:55 | 72.9554630 Winding down 1649 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 22:56 | 72.9555556 Deploying | 2 | 20160 | 11.38 | 8.79 | 11.43 | 7.87 | 2261 | 1645 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 22:56 | 72.9559028 Deploying | 2 | 20190 | 11.45 | 8.79 | 11.45 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:57 | 72.9562500 Deploying | 2 | 20220 | 11.44 | 8.79 | 11.47 | 7.92 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 22:57 | 72.9565972 Deploying | 2 | 20250 | 11.45 | 8.79 | 11.48 | 7.9 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 22:58 | 72.9569444 Deploying | 2 | 20280 | 11.45 | 8.79 | 11.5 | 7.86 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 22:58 | 72.9572338 Winding down 1766 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 22:58 | 72.9572917 Deploying | 2 | 20310 | 11.45 | 8.86 | 11.52 | 7.89 | 2100 | 1608 | 0 | -13 | -15 | -12 | -15 |
| 3/12/2016 22:59 | 72.9576389 Deploying | 2 | 20340 | 11.53 | 8.86 | 11.53 | 7.9 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 22:59 | 72.9579861 Deploying | 2 | 20370 | 11.53 | 8.86 | 11.55 | 7.86 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 23:00 | 72.9583333 Deploying | 2 | 20400 | 11.52 | 8.86 | 11.57 | 7.89 | 0 | 0 | 0 | -11 | -15 | -13 | -15 |
| 3/12/2016 23:00 | 72.9586227 Winding down 1566 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:00 | 72.9586806 Deploying | 2 | 20430 | 11.53 | 8.92 | 11.58 | 7.9 | 2251 | 1616 | 0 | -11 | -15 | -13 | -15 |
| 3/12/2016 23:01 | 72.9590278 Deploying | 2 | 20460 | 11.6 | 8.92 | 11.6 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:01 | 72.9593750 Deploying | 2 | 20490 | 11.59 | 8.92 | 11.62 | 7.87 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 23:02 | 72.9597222 Deploying | 2 | 20520 | 11.6 | 8.92 | 11.64 | 7.87 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 23:02 | 72.9600694 Deploying | 2 | 20550 | 11.6 | 8.92 | 11.65 | 7.87 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 23:02 | 72.9603125 Winding down 1735 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:03 | 72.9604167 Deploying | 2 | 20580 | 11.62 | 8.98 | 11.67 | 7.87 | 2273 | 1650 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 23:03 | 72.9607639 Deploying | 2 | 20610 | 11.67 | 8.98 | 11.69 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:04 | 72.9611111 Deploying | 2 | 20640 | 11.67 | 8.98 | 11.7 | 7.87 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 23:04 | 72.9614583 Deploying | 2 | 20670 | 11.67 | 8.98 | 11.72 | 7.86 | 0 | 0 | 0 | -15 | -10 | -12 | -10 |
| 3/12/2016 23:04 | 72.9616898 Winding down 1370 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:05 | 72.9618056 Deploying | 2 | 20700 | 11.7 | 9.04 | 11.74 | 7.89 | 2163 | 1625 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 23:05 | 72.9621528 Deploying | 2 | 20730 | 11.74 | 9.04 | 11.75 | 7.86 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 23:06 | 72.9625000 Deploying | 2 | 20760 | 11.74 | 9.04 | 11.77 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:06 | 72.9628472 Deploying | 2 | 20790 | 11.74 | 9.04 | 11.79 | 7.86 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 23:06 | 72.9631250 Winding down 1802 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:07 | 72.9631944 Deploying | 2 | 20820 | 11.74 | 9.11 | 11.81 | 7.87 | 2153 | 1626 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 23:07 | 72.9635417 Deploying | 2 | 20850 | 11.81 | 9.11 | 11.82 | 7.89 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:08 | 72.9638889 Deploying | 2 | 20880 | 11.81 | 9.11 | 11.84 | 7.86 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 23:08 | 72.9642361 Deploying | 2 | 20910 | 11.82 | 9.11 | 11.86 | 7.9 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:09 | 72.9645833 Deploying | 2 | 20940 | 11.81 | 9.11 | 11.87 | 7.87 | 0 | 0 | 0 | -13 | -13 | -13 | -13 |
| 3/12/2016 23:09 | 72.9646528 Winding down 1622 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:09 | 72.9649306 Deploying | 2 | 20970 | 11.87 | 9.17 | 11.89 | 7.87 | 2138 | 1613 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:10 | 72.9652778 Deploying | 2 | 21000 | 11.88 | 9.17 | 11.91 | 7.89 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:10 | 72.9656250 Deploying | 2 | 21030 | 11.89 | 9.17 | 11.92 | 7.86 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 23:11 | 72.9659722 Deploying | 2 | 21060 | 11.89 | 9.17 | 11.94 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:11 | 72.9662153 Winding down 1685 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:11 | 72.9663194 Deploying | 2 | 21090 | 11.9 | 9.23 | 11.96 | 7.87 | 2269 | 1661 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:12 | 72.9666667 Deploying | 2 | 21120 | 11.96 | 9.23 | 11.98 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:12 | 72.9670139 Deploying | 2 | 21150 | 11.96 | 9.23 | 11.99 | 7.86 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:13 | 72.9673611 Deploying | 2 | 21180 | 11.96 | 9.23 | 12.01 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:13 | 72.9674653 Winding down 1490 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:13 | 72.9677083 Deploying | 2 | 21210 | 12 | 9.29 | 12.03 | 7.89 | 2259 | 1617 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:14 | 72.9680556 Deploying | 2 | 21240 | 12.03 | 9.29 | 12.04 | 7.89 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 23:14 | 72.9684028 Deploying | 2 | 21270 | 12.03 | 9.29 | 12.06 | 7.89 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 23:15 | 72.9687500 Deploying | 2 | 21300 | 12.03 | 9.29 | 12.08 | 7.86 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:15 | 72.9690394 Winding down 1591 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:15 | 72.9690972 Deploying | 2 | 21330 | 12.04 | 9.35 | 12.09 | 7.89 | 2126 | 1597 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:16 | 72.9694444 Deploying | 2 | 21360 | 12.09 | 9.35 | 12.11 | 7.87 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 23:16 | 72.9697917 Deploying | 2 | 21390 | 12.1 | 9.35 | 12.13 | 7.86 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 23:17 | 72.9701389 Deploying | 2 | 21420 | 12.1 | 9.35 | 12.15 | 7.89 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 23:17 | 72.9704861 Deploying | 2 | 21450 | 12.1 | 9.35 | 12.16 | 7.86 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 23:17 | 72.9705324 Winding down 1619 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:18 | 72.9708333 Deploying | 2 | 21480 | 12.15 | 9.41 | 12.18 | 7.87 | 2277 | 1628 | 0 | -12 | -15 | -13 | -15 |
| 3/12/2016 23:18 | 72.9711806 Deploying | 2 | 21510 | 12.16 | 9.41 | 12.2 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:19 | 72.9715278 Deploying | 2 | 21540 | 12.17 | 9.41 | 12.21 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:19 | 72.9718750 Deploying | 2 | 21570 | 12.17 | 9.41 | 12.23 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:19 | 72.9718981 Winding down 1615 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:20 | 72.9722222 Deploying | 2 | 21600 | 12.23 | 9.48 | 12.25 | 7.84 | 2223 | 1603 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:20 | 72.9725694 Deploying | 2 | 21630 | 12.24 | 9.48 | 12.26 | 7.84 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/12/2016 23:21 | 72.9729167 Deploying | 2 | 21660 | 12.25 | 9.48 | 12.28 | 7.87 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:21 | 72.9732639 Deploying | 2 | 21690 | 12.24 | 9.48 | 12.3 | 7.86 | 0 | 0 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 23:21 | 72.9734491 Winding down 1714 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:22 | 72.9736111 Deploying | 2 | 21720 | 12.27 | 9.54 | 12.32 | 7.89 | 2251 | 1626 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 23:22 | 72.9739583 Deploying | 2 | 21750 | 12.31 | 9.54 | 12.33 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:23 | 72.9743056 Deploying | 2 | 21780 | 12.32 | 9.54 | 12.35 | 7.86 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 23:23 | 72.9746528 Deploying | 2 | 21810 | 12.32 | 9.54 | 12.37 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:23 | 72.9749074 Winding down 1524 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:24 | 72.9750000 Deploying | 2 | 21840 | 12.33 | 9.6 | 12.38 | 7.86 | 2263 | 1611 | 0 | -12 | -12 | -12 | -12 |
| 3/12/2016 23:24 | 72.9753472 Deploying | 2 | 21870 | 12.38 | 9.6 | 12.4 | 7.9 | 0 | 0 | 0 | -15 | -10 | -12 | -10 |
| 3/12/2016 23:25 | 72.9756944 Deploying | 2 | 21900 | 12.39 | 9.6 | 12.42 | 7.9 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:25 | 72.9760417 Deploying | 2 | 21930 | 12.38 | 9.6 | 12.43 | 7.87 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 23:25 | 72.9762500 Winding down 1667 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:26 | 72.9763889 Deploying | 2 | 21960 | 12.4 | 9.66 | 12.45 | 7.87 | 2260 | 1625 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 23:26 | 72.9767361 Deploying | 2 | 21990 | 12.46 | 9.66 | 12.47 | 7.9 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 23:27 | 72.9770833 Deploying | 2 | 22020 | 12.46 | 9.66 | 12.49 | 7.86 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 23:27 | 72.9774306 Deploying | 2 | 22050 | 12.46 | 9.66 | 12.5 | 7.87 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 23:28 | 72.9777778 Deploying | 2 | 22080 | 12.45 | 9.66 | 12.52 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:28 | 72.9777778 Winding down 1712 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:28 | 72.9781250 Deploying | 2 | 22110 | 12.53 | 9.73 | 12.54 | 7.86 | 2267 | 1616 | 0 | -12 | -14 | -13 | -14 |
| 3/12/2016 23:29 | 72.9784722 Deploying | 2 | 22140 | 12.54 | 9.73 | 12.55 | 7.84 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 23:29 | 72.9788194 Deploying | 2 | 22170 | 12.53 | 9.73 | 12.57 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:30 | 72.9791667 Deploying | 2 | 22200 | 12.54 | 9.73 | 12.59 | 7.84 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 23:30 | 72.9793981 Winding down 1520 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:30 | 72.9795139 Deploying | 2 | 22230 | 12.56 | 9.79 | 12.6 | 7.86 | 2117 | 1598 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 23:31 | 72.9798611 Deploying | 2 | 22260 | 12.61 | 9.79 | 12.62 | 7.87 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:31 | 72.9802083 Deploying | 2 | 22290 | 12.6 | 9.79 | 12.64 | 7.84 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 23:32 | 72.9805556 Deploying | 2 | 22320 | 12.6 | 9.79 | 12.66 | 7.86 | 0 | 0 | 0 | -11 | -15 | -12 | -15 |
| 3/12/2016 23:32 | 72.9806944 Winding down 1482 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:32 | 72.9809028 Deploying | 2 | 22350 | 12.64 | 9.85 | 12.67 | 7.84 | 2123 | 1621 | 0 | -15 | -12 | -13 | -12 |
| 3/12/2016 23:33 | 72.9812500 Deploying | 2 | 22380 | 12.67 | 9.85 | 12.69 | 7.86 | 0 | 0 | 0 | -14 | -14 | -12 | -14 |
| 3/12/2016 23:33 | 72.9815972 Deploying | 2 | 22410 | 12.67 | 9.85 | 12.71 | 7.86 | 0 | 0 | 0 | -12 | -15 | -12 | -15 |
| 3/12/2016 23:34 | 72.9819444 Deploying | 2 | 22440 | 12.67 | 9.85 | 12.72 | 7.84 | 0 | 0 | 0 | -16 | -13 | -13 | -13 |
| 3/12/2016 23:34 | 72.9820602 Winding down 1554 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:34 | 72.9822917 Deploying | 2 | 22470 | 12.7 | 9.91 | 12.74 | 7.84 | 2096 | 1600 | 0 | -12 | -15 | -12 | -15 |
| 3/12/2016 23:35 | 72.9826389 Deploying | 2 | 22500 | 12.73 | 9.91 | 12.76 | 7.86 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 23:35 | 72.9829861 Deploying | 2 | 22530 | 12.74 | 9.91 | 12.77 | 7.89 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/12/2016 23:36 | 72.9833333 Deploying | 2 | 22560 | 12.74 | 9.91 | 12.79 | 7.86 | 0 | 0 | 0 | -10 | -16 | -13 | -16 |
| 3/12/2016 23:36 | 72.9835185 Winding down 1739 ticks | | 3 | | | | | | | | | | | |
| 3/12/2016 23:36 | 72.9836806 Deploying | 2 | 22590 | 12.77 | 9.97 | 12.81 | 7.86 | 2116 | 1610 | 0 | -11 | -14 | -13 | -14 |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:37 | 72.9840278 | Deploying | 2 | 22620 | 12.8 | 9.97 | 12.83 | 7.87 | 0 | 0 | 0 | -11 | -13 | -13 | -13 |
| 3/12/2016 23:37 | 72.9843750 | Deploying | 2 | 22650 | 12.81 | 9.97 | 12.84 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:38 | 72.9847222 | Deploying | 2 | 22680 | 12.81 | 9.97 | 12.86 | 7.86 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 23:38 | 72.9850579 | Winding down 1623 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:38 | 72.9850694 | Deploying | 2 | 22710 | 12.81 | 10.03 | 12.88 | 7.86 | 2095 | 1592 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:39 | 72.9854167 | Deploying | 2 | 22740 | 12.88 | 10.03 | 12.89 | 7.86 | 2095 | 44 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:39 | 72.9857639 | Deploying | 2 | 22770 | 12.88 | 10.03 | 12.91 | 7.87 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 23:40 | 72.9861111 | Deploying | 2 | 22800 | 12.89 | 10.03 | 12.93 | 7.87 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/12/2016 23:40 | 72.9864583 | Deploying | 2 | 22830 | 12.89 | 10.03 | 12.94 | 7.86 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/12/2016 23:40 | 72.9864815 | Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:41 | 72.9868056 | Deploying | 2 | 22860 | 12.94 | 10.09 | 12.96 | 7.87 | 2238 | 1619 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:41 | 72.9871528 | Deploying | 2 | 22890 | 12.95 | 10.09 | 12.98 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:42 | 72.9875000 | Deploying | 2 | 22920 | 12.95 | 10.09 | 13 | 7.86 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 23:42 | 72.9878356 | Winding down 1598 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:42 | 72.9878472 | Deploying | 2 | 22950 | 12.95 | 10.15 | 13.01 | 7.86 | 2258 | 1627 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 23:43 | 72.9881944 | Deploying | 2 | 22980 | 13.02 | 10.15 | 13.03 | 7.86 | 2258 | 53 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 23:43 | 72.9885417 | Deploying | 2 | 23010 | 13.02 | 10.15 | 13.05 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:44 | 72.9888889 | Deploying | 2 | 23040 | 13.02 | 10.15 | 13.06 | 7.84 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:44 | 72.9890972 | Winding down 1417 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:44 | 72.9892361 | Deploying | 2 | 23070 | 13.04 | 10.21 | 13.08 | 7.86 | 2268 | 1647 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:45 | 72.9895833 | Deploying | 2 | 23100 | 13.08 | 10.21 | 13.1 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:45 | 72.9899306 | Deploying | 2 | 23130 | 13.08 | 10.21 | 13.11 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:46 | 72.9902778 | Deploying | 2 | 23160 | 13.08 | 10.21 | 13.13 | 7.84 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 23:46 | 72.9904514 | Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:46 | 72.9906250 | Deploying | 2 | 23190 | 13.11 | 10.27 | 13.15 | 7.87 | 2243 | 1622 | 0 | -15 | -10 | -12 | -10 |
| 3/12/2016 23:47 | 72.9909722 | Deploying | 2 | 23220 | 13.15 | 10.27 | 13.17 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:47 | 72.9913194 | Deploying | 2 | 23250 | 13.15 | 10.27 | 13.18 | 7.86 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/12/2016 23:48 | 72.9916667 | Deploying | 2 | 23280 | 13.15 | 10.27 | 13.2 | 7.84 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 23:48 | 72.9919444 | Winding down 1552 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:48 | 72.9920139 | Deploying | 2 | 23310 | 13.16 | 10.33 | 13.22 | 7.86 | 2251 | 1622 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 23:49 | 72.9923611 | Deploying | 2 | 23340 | 13.21 | 10.33 | 13.23 | 7.86 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 23:49 | 72.9927083 | Deploying | 2 | 23370 | 13.21 | 10.33 | 13.25 | 7.86 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:50 | 72.9930556 | Deploying | 2 | 23400 | 13.21 | 10.33 | 13.27 | 7.86 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:50 | 72.9932060 | Winding down 1521 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9934028 | Deploying | 2 | 23430 | 13.25 | 10.38 | 13.28 | 7.86 | 2267 | 1648 | 0 | -13 | -13 | -12 | -13 |
| 3/12/2016 23:51 | 72.9937500 | Deploying | 2 | 23460 | 13.28 | 10.38 | 13.3 | 7.87 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 23:51 | 72.9940972 | Deploying | 2 | 23490 | 13.28 | 10.38 | 13.32 | 7.87 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/12/2016 23:52 | 72.9944444 | Deploying | 2 | 23520 | 13.28 | 10.38 | 13.34 | 7.87 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/12/2016 23:52 | 72.9945370 | Winding down 1425 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:52 | 72.9947917 | Deploying | 2 | 23550 | 13.33 | 10.44 | 13.35 | 7.87 | 2233 | 1616 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 23:53 | 72.9951389 | Deploying | 2 | 23580 | 13.34 | 10.44 | 13.37 | 7.86 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:53 | 72.9954861 | Deploying | 2 | 23610 | 13.35 | 10.44 | 13.39 | 7.87 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/12/2016 23:54 | 72.9958333 | Deploying | 2 | 23640 | 13.35 | 10.44 | 13.4 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:54 | 72.9959259 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:54 | 72.9961806 | Deploying | 2 | 23670 | 13.39 | 10.5 | 13.42 | 7.89 | 2264 | 1634 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:55 | 72.9965278 | Deploying | 2 | 23700 | 13.41 | 10.5 | 13.44 | 7.87 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/12/2016 23:55 | 72.9968750 | Deploying | 2 | 23730 | 13.41 | 10.5 | 13.45 | 7.87 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:56 | 72.9972222 | Deploying | 2 | 23760 | 13.42 | 10.5 | 13.47 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/12/2016 23:56 | 72.9973032 | Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:56 | 72.9975694 | Deploying | 2 | 23790 | 13.47 | 10.55 | 13.49 | 7.86 | 2259 | 1627 | 0 | -11 | -14 | -12 | -14 |
| 3/12/2016 23:57 | 72.9979167 | Deploying | 2 | 23820 | 13.48 | 10.55 | 13.51 | 7.87 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/12/2016 23:57 | 72.9982639 | Deploying | 2 | 23850 | 13.47 | 10.55 | 13.52 | 7.89 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/12/2016 23:58 | 72.9986111 | Deploying | 2 | 23880 | 13.48 | 10.55 | 13.54 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/12/2016 23:58 | 72.9986227 | Winding down 1501 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:58 | 72.9989583 | Deploying | 2 | 23910 | 13.53 | 10.61 | 13.56 | 7.87 | 2250 | 1648 | 0 | -11 | -12 | -13 | -12 |
| 3/12/2016 23:59 | 72.9993056 | Deploying | 2 | 23940 | 13.53 | 10.61 | 13.57 | 7.89 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/12/2016 23:59 | 72.9996528 | Deploying | 2 | 23970 | 13.55 | 10.61 | 13.59 | 7.86 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/12/2016 23:59 | 72.9999537 | Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:00 | 73.0000000 | Deploying | 2 | 24000 | 13.55 | 10.67 | 13.61 | 7.86 | 2128 | 1601 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:00 | 73.0003472 | Deploying | 2 | 24030 | 13.62 | 10.67 | 13.62 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:01 | 73.0006944 | Deploying | 2 | 24060 | 13.61 | 10.67 | 13.64 | 7.87 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/13/2016 0:01 | 73.0010417 | Deploying | 2 | 24090 | 13.61 | 10.67 | 13.66 | 7.86 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:01 | 73.0013542 | Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:02 | 73.0013889 | Deploying | 2 | 24120 | 13.61 | 10.73 | 13.68 | 7.87 | 2238 | 1615 | 0 | -13 | -14 | -13 | -14 |
| 3/13/2016 0:02 | 73.0017361 | Deploying | 2 | 24150 | 13.68 | 10.73 | 13.69 | 7.87 | 0 | 0 | 0 | -11 | -15 | -12 | -15 |
| 3/13/2016 0:03 | 73.0020833 | Deploying | 2 | 24180 | 13.68 | 10.73 | 13.71 | 7.87 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/13/2016 0:03 | 73.0024306 | Deploying | 2 | 24210 | 13.68 | 10.73 | 13.73 | 7.89 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/13/2016 0:03 | 73.0027431 | Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:04 | 73.0027778 | Deploying | 2 | 24240 | 13.69 | 10.8 | 13.74 | 7.87 | 2266 | 1640 | 0 | -12 | -13 | -13 | -13 |
| 3/13/2016 0:04 | 73.0031250 | Deploying | 2 | 24270 | 13.75 | 10.8 | 13.76 | 7.86 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/13/2016 0:05 | 73.0034722 | Deploying | 2 | 24300 | 13.75 | 10.8 | 13.78 | 7.9 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:05 | 73.0038194 | Deploying | 2 | 24330 | 13.75 | 10.8 | 13.79 | 7.89 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:06 | 73.0041667 | Deploying | 2 | 24360 | 13.75 | 10.8 | 13.81 | 7.86 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/13/2016 0:06 | 73.0042708 | Winding down 1840 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:06 | 73.0045139 | Deploying | 2 | 24390 | 13.81 | 10.87 | 13.83 | 7.87 | 2269 | 1645 | 0 | -13 | -14 | -12 | -14 |
| 3/13/2016 0:07 | 73.0048611 | Deploying | 2 | 24420 | 13.83 | 10.87 | 13.85 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:07 | 73.0052083 | Deploying | 2 | 24450 | 13.83 | 10.87 | 13.86 | 7.89 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/13/2016 0:08 | 73.0055556 | Deploying | 2 | 24480 | 13.84 | 10.87 | 13.88 | 7.84 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/13/2016 0:08 | 73.0058912 | Winding down 1773 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:08 | 73.0059028 | Deploying | 2 | 24510 | 13.83 | 10.94 | 13.9 | 7.87 | 2273 | 1621 | 0 | -12 | -14 | -12 | -14 |
| 3/13/2016 0:09 | 73.0062500 | Deploying | 2 | 24540 | 13.92 | 10.94 | 13.91 | 7.89 | 2273 | 50 | 0 | -13 | -14 | -12 | -14 |
| 3/13/2016 0:09 | 73.0065972 | Deploying | 2 | 24570 | 13.92 | 10.94 | 13.93 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:10 | 73.0069444 | Deploying | 2 | 24600 | 13.91 | 10.94 | 13.95 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:10 | 73.0072917 | Deploying | 2 | 24630 | 13.92 | 10.94 | 13.96 | 7.84 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/13/2016 0:11 | 73.0076389 | Deploying | 2 | 24660 | 13.92 | 10.94 | 13.98 | 7.86 | 0 | 0 | 0 | -13 | -15 | -13 | -15 |
| 3/13/2016 0:11 | 73.0076620 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:11 | 73.0079861 | Deploying | 2 | 24690 | 13.98 | 11 | 14 | 7.86 | 2138 | 1599 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:12 | 73.0083333 | Deploying | 2 | 24720 | 13.98 | 11 | 14.02 | 7.84 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/13/2016 0:12 | 73.0086806 | Deploying | 2 | 24750 | 13.99 | 11 | 14.03 | 7.84 | 0 | 0 | 0 | -15 | -12 | -12 | -12 |
| 3/13/2016 0:13 | 73.0090278 | Deploying | 2 | 24780 | 13.99 | 11 | 14.05 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:13 | 73.0090278 | Winding down 1637 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:13 | 73.0093750 | Deploying | 2 | 24810 | 14.06 | 11.06 | 14.07 | 7.87 | 2139 | 1639 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:14 | 73.0097222 | Deploying | 2 | 24840 | 14.05 | 11.06 | 14.08 | 7.87 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/13/2016 0:14 | 73.0100694 | Deploying | 2 | 24870 | 14.05 | 11.06 | 14.1 | 7.89 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/13/2016 0:15 | 73.0104167 | Deploying | 2 | 24900 | 14.06 | 11.06 | 14.12 | 7.86 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:15 | 73.0104630 | Winding down 1669 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:15 | 73.0107639 | Deploying | 2 | 24930 | 14.11 | 11.13 | 14.13 | 7.84 | 2137 | 1624 | 0 | -14 | -13 | -13 | -13 |
| 3/13/2016 0:16 | 73.0111111 | Deploying | 2 | 24960 | 14.12 | 11.13 | 14.15 | 7.86 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:16 | 73.0114583 | Deploying | 2 | 24990 | 14.13 | 11.13 | 14.17 | 7.84 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/13/2016 0:17 | 73.0118056 | Deploying | 2 | 25020 | 14.12 | 11.13 | 14.19 | 7.87 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/13/2016 0:17 | 73.0118866 | Winding down 1686 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:17 | 73.0121528 | Deploying | 2 | 25050 | 14.19 | 11.19 | 14.2 | 7.87 | 2144 | 1612 | 0 | -13 | -14 | -12 | -14 |
| 3/13/2016 0:18 | 73.0125000 | Deploying | 2 | 25080 | 14.2 | 11.19 | 14.22 | 7.86 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:18 | 73.0128472 | Deploying | 2 | 25110 | 14.21 | 11.19 | 14.24 | 7.84 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/13/2016 0:19 | 73.0131944 | Deploying | 2 | 25140 | 14.2 | 11.19 | 14.25 | 7.84 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:19 | 73.0134722 | Winding down 1727 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:19 | 73.0135417 | Deploying | 2 | 25170 | 14.22 | 11.26 | 14.27 | 7.84 | 2131 | 1611 | 0 | -14 | -13 | -12 | -13 |
| 3/13/2016 0:20 | 73.0138889 | Deploying | 2 | 25200 | 14.28 | 11.26 | 14.29 | 7.89 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:20 | 73.0142361 | Deploying | 2 | 25230 | 14.28 | 11.26 | 14.3 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:21 | 73.0145833 | Deploying | 2 | 25260 | 14.28 | 11.26 | 14.32 | 7.86 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:21 | 73.0149306 | Deploying | 2 | 25290 | 14.28 | 11.26 | 14.34 | 7.89 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:21 | 73.0149537 | Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:22 | 73.0152778 | Deploying | 2 | 25320 | 14.34 | 11.32 | 14.36 | 7.87 | 2264 | 1623 | 0 | -14 | -11 | -12 | -11 |
| 3/13/2016 0:22 | 73.0156250 | Deploying | 2 | 25350 | 14.34 | 11.32 | 14.37 | 7.87 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/13/2016 0:23 | 73.0159722 | Deploying | 2 | 25380 | 14.35 | 11.32 | 14.39 | 7.86 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/13/2016 0:23 | 73.0163194 | Deploying | 2 | 25410 | 14.34 | 11.32 | 14.41 | 7.89 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:23 | 73.0163773 | Winding down 1708 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:24 | 73.0166667 | Deploying | 2 | 25440 | 14.4 | 11.38 | 14.42 | 7.89 | 2267 | 1651 | 0 | -14 | -11 | -12 | -11 |
| 3/13/2016 0:24 | 73.0170139 | Deploying | 2 | 25470 | 14.42 | 11.38 | 14.44 | 7.86 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:25 | 73.0173611 | Deploying | 2 | 25500 | 14.42 | 11.38 | 14.46 | 7.84 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:25 | 73.0177083 | Deploying | 2 | 25530 | 14.41 | 11.38 | 14.47 | 7.83 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:25 | 73.0177546 | Winding down 1719 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:26 | 73.0180556 | Deploying | 2 | 25560 | 14.48 | 11.45 | 14.49 | 7.86 | 2268 | 1649 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:26 | 73.0184028 | Deploying | 2 | 25590 | 14.49 | 11.45 | 14.51 | 7.87 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:27 | 73.0187500 | Deploying | 2 | 25620 | 14.49 | 11.45 | 14.53 | 7.87 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:27 | 73.0190972 | Deploying | 2 | 25650 | 14.49 | 11.45 | 14.54 | 7.86 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/13/2016 0:27 | 73.0193171 | Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:28 | 73.0194444 | Deploying | 2 | 25680 | 14.51 | 11.51 | 14.56 | 7.87 | 2132 | 1629 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:28 | 73.0197917 | Deploying | 2 | 25710 | 14.56 | 11.51 | 14.58 | 7.86 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:29 | 73.0201389 | Deploying | 2 | 25740 | 14.56 | 11.51 | 14.59 | 7.83 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/13/2016 0:29 | 73.0204861 | Deploying | 2 | 25770 | 14.57 | 11.51 | 14.61 | 7.86 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:30 | 73.0208333 | Deploying | 2 | 25800 | 14.56 | 11.51 | 14.63 | 7.86 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:30 | 73.0208449 | Winding down 1701 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:30 | 73.0211806 | Deploying | 2 | 25830 | 14.63 | 11.58 | 14.64 | 7.84 | 2142 | 1623 | 0 | -13 | -14 | -12 | -14 |
| 3/13/2016 0:31 | 73.0215278 | Deploying | 2 | 25860 | 14.64 | 11.58 | 14.66 | 7.84 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:31 | 73.0218750 | Deploying | 2 | 25890 | 14.64 | 11.58 | 14.68 | 7.81 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:32 | 73.0222222 | Deploying | 2 | 25920 | 14.64 | 11.58 | 14.7 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:32 | 73.0222685 | Winding down 1544 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:32 | 73.0225694 | Deploying | 2 | 25950 | 14.69 | 11.64 | 14.71 | 7.87 | 2241 | 1623 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:33 | 73.0229167 | Deploying | 2 | 25980 | 14.71 | 11.64 | 14.73 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:33 | 73.0232639 | Deploying | 2 | 26010 | 14.71 | 11.64 | 14.75 | 7.83 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:34 | 73.0236111 | Deploying | 2 | 26040 | 14.71 | 11.64 | 14.76 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:34 | 73.0236921 | Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:34 | 73.0239583 | Deploying | 2 | 26070 | 14.75 | 11.7 | 14.78 | 7.84 | 2109 | 1612 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:35 | 73.0243056 | Deploying | 2 | 26100 | 14.77 | 11.7 | 14.8 | 7.87 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/13/2016 0:35 | 73.0246528 | Deploying | 2 | 26130 | 14.78 | 11.7 | 14.81 | 7.87 | 0 | 0 | 0 | -12 | -15 | -12 | -15 |
| 3/13/2016 0:36 | 73.0250000 | Deploying | 2 | 26160 | 14.78 | 11.7 | 14.83 | 7.84 | 0 | 0 | 0 | -14 | -14 | -13 | -14 |
| 3/13/2016 0:36 | 73.0251620 | Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:36 | 73.0253472 | Deploying | 2 | 26190 | 14.82 | 11.76 | 14.85 | 7.84 | 2122 | 1624 | 0 | -14 | -15 | -13 | -15 |
| 3/13/2016 0:37 | 73.0256944 | Deploying | 2 | 26220 | 14.85 | 11.76 | 14.87 | 7.87 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:37 | 73.0260417 | Deploying | 2 | 26250 | 14.85 | 11.76 | 14.88 | 7.84 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/13/2016 0:38 | 73.0263889 | Deploying | 2 | 26280 | 14.85 | 11.76 | 14.9 | 7.87 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/13/2016 0:38 | 73.0266435 | Winding down 1524 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:38 | 73.0267361 | Deploying | 2 | 26310 | 14.86 | 11.82 | 14.92 | 7.87 | 2144 | 1619 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:39 | 73.0270833 | Deploying | 2 | 26340 | 14.92 | 11.82 | 14.93 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:39 | 73.0274306 | Deploying | 2 | 26370 | 14.92 | 11.82 | 14.95 | 7.84 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:40 | 73.0277778 | Deploying | 2 | 26400 | 14.91 | 11.82 | 14.97 | 7.84 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:40 | 73.0279745 | Winding down 1603 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:40 | 73.0281250 | Deploying | 2 | 26430 | 14.94 | 11.88 | 14.98 | 7.84 | 2165 | 1637 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:41 | 73.0284722 | Deploying | 2 | 26460 | 14.99 | 11.88 | 15 | 7.81 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:41 | 73.0288194 | Deploying | 2 | 26490 | 14.98 | 11.88 | 15.02 | 7.84 | 0 | 0 | 0 | -14 | -14 | -12 | -14 |
| 3/13/2016 0:42 | 73.0291667 | Deploying | 2 | 26520 | 14.99 | 11.88 | 15.04 | 7.87 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:42 | 73.0295139 Deploying | 2 | 26550 | 14.99 | 11.88 | 15.05 | 7.86 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:42 | 73.0295833 Winding down 1847 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:43 | 73.0298611 Deploying | 2 | 26580 | 15.05 | 11.96 | 15.07 | 7.87 | 2248 | 1618 | 0 | -11 | -14 | -12 | -14 |
| 3/13/2016 0:43 | 73.0302083 Deploying | 2 | 26610 | 15.07 | 11.96 | 15.09 | 7.87 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:44 | 73.0305556 Deploying | 2 | 26640 | 15.07 | 11.96 | 15.1 | 7.87 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/13/2016 0:44 | 73.0309028 Deploying | 2 | 26670 | 15.07 | 11.96 | 15.12 | 7.84 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:44 | 73.0311227 Winding down 1606 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:45 | 73.0312500 Deploying | 2 | 26700 | 15.09 | 12.02 | 15.14 | 7.86 | 2100 | 1598 | 0 | -12 | -14 | -12 | -14 |
| 3/13/2016 0:45 | 73.0315972 Deploying | 2 | 26730 | 15.14 | 12.02 | 15.15 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:46 | 73.0319444 Deploying | 2 | 26760 | 15.14 | 12.02 | 15.17 | 7.86 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:46 | 73.0322917 Deploying | 2 | 26790 | 15.14 | 12.02 | 15.19 | 7.87 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:46 | 73.0325810 Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:47 | 73.0326389 Deploying | 2 | 26820 | 15.15 | 12.08 | 15.21 | 7.84 | 2135 | 1626 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:47 | 73.0329861 Deploying | 2 | 26850 | 15.21 | 12.08 | 15.22 | 7.86 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 0:48 | 73.0333333 Deploying | 2 | 26880 | 15.21 | 12.08 | 15.24 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:48 | 73.0336806 Deploying | 2 | 26910 | 15.21 | 12.08 | 15.26 | 7.86 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/13/2016 0:49 | 73.0340278 Deploying | 2 | 26940 | 15.21 | 12.08 | 15.27 | 7.9 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:49 | 73.0340972 Winding down 1672 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:49 | 73.0343750 Deploying | 2 | 26970 | 15.26 | 12.14 | 15.29 | 7.86 | 2211 | 1598 | 0 | -14 | -14 | -13 | -14 |
| 3/13/2016 0:50 | 73.0347222 Deploying | 2 | 27000 | 15.28 | 12.14 | 15.31 | 7.86 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:50 | 73.0350694 Deploying | 2 | 27030 | 15.28 | 12.14 | 15.32 | 7.86 | 0 | 0 | 0 | -15 | -11 | -13 | -11 |
| 3/13/2016 0:51 | 73.0354167 Deploying | 2 | 27060 | 15.28 | 12.14 | 15.34 | 7.86 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:51 | 73.0354167 Winding down 1487 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:51 | 73.0357639 Deploying | 2 | 27090 | 15.35 | 12.2 | 15.36 | 7.86 | 2106 | 1601 | 0 | -13 | -14 | -13 | -14 |
| 3/13/2016 0:52 | 73.0361111 Deploying | 2 | 27120 | 15.35 | 12.2 | 15.38 | 7.89 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/13/2016 0:52 | 73.0364583 Deploying | 2 | 27150 | 15.35 | 12.2 | 15.39 | 7.87 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/13/2016 0:53 | 73.0368056 Deploying | 2 | 27180 | 15.36 | 12.2 | 15.41 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:53 | 73.0369560 Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:53 | 73.0371528 Deploying | 2 | 27210 | 15.39 | 12.26 | 15.43 | 7.86 | 2135 | 1595 | 0 | -14 | -13 | -13 | -13 |
| 3/13/2016 0:54 | 73.0375000 Deploying | 2 | 27240 | 15.42 | 12.26 | 15.44 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:54 | 73.0378472 Deploying | 2 | 27270 | 15.42 | 12.26 | 15.46 | 7.86 | 0 | 0 | 0 | -15 | -13 | -13 | -13 |
| 3/13/2016 0:55 | 73.0381944 Deploying | 2 | 27300 | 15.42 | 12.26 | 15.48 | 7.84 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 0:55 | 73.0382407 Winding down 1469 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:55 | 73.0385417 Deploying | 2 | 27330 | 15.48 | 12.32 | 15.49 | 7.87 | 2268 | 1623 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 0:56 | 73.0388889 Deploying | 2 | 27360 | 15.48 | 12.32 | 15.51 | 7.89 | 0 | 0 | 0 | -13 | -14 | -13 | -14 |
| 3/13/2016 0:56 | 73.0392361 Deploying | 2 | 27390 | 15.48 | 12.32 | 15.53 | 7.86 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:56 | 73.0395718 Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:57 | 73.0395833 Deploying | 2 | 27420 | 15.48 | 12.38 | 15.55 | 7.84 | 2141 | 1607 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:57 | 73.0399306 Deploying | 2 | 27450 | 15.54 | 12.38 | 15.56 | 7.86 | 2141 | 54 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 0:58 | 73.0402778 Deploying | 2 | 27480 | 15.55 | 12.38 | 15.58 | 7.84 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 0:58 | 73.0406250 Deploying | 2 | 27510 | 15.56 | 12.38 | 15.6 | 7.84 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/13/2016 0:59 | 73.0409722 Deploying | 2 | 27540 | 15.56 | 12.38 | 15.61 | 7.83 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/13/2016 0:59 | 73.0411343 Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:59 | 73.0413194 Deploying | 2 | 27570 | 15.6 | 12.45 | 15.63 | 7.84 | 2253 | 1626 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:00 | 73.0416667 Deploying | 2 | 27600 | 15.64 | 12.45 | 15.65 | 7.86 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 3/13/2016 1:00 | 73.0420139 Deploying | 2 | 27630 | 15.63 | 12.45 | 15.66 | 7.87 | 0 | 0 | 0 | -15 | -12 | -13 | -12 |
| 3/13/2016 1:01 | 73.0423611 Deploying | 2 | 27660 | 15.63 | 12.45 | 15.68 | 7.86 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 1:01 | 73.0426505 Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:01 | 73.0427083 Deploying | 2 | 27690 | 15.65 | 12.51 | 15.7 | 7.87 | 2117 | 1626 | 0 | -14 | -11 | -12 | -11 |
| 3/13/2016 1:02 | 73.0430556 Deploying | 2 | 27720 | 15.7 | 12.51 | 15.72 | 7.86 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/13/2016 1:02 | 73.0434028 Deploying | 2 | 27750 | 15.7 | 12.51 | 15.73 | 7.84 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 1:03 | 73.0437500 Deploying | 2 | 27780 | 15.7 | 12.51 | 15.75 | 7.86 | 0 | 0 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 1:03 | 73.0440972 Deploying | 2 | 27810 | 15.71 | 12.51 | 15.77 | 7.84 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/13/2016 1:03 | 73.0441088 Winding down 1601 ticks | 3 | | | | | | | | | | | | |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:04 | 73.0444444 | Deploying | 2 | 27840 | 15.77 | 12.58 | 15.78 | 7.84 | 2256 | 1608 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 1:04 | 73.0447917 | Deploying | 2 | 27870 | 15.76 | 12.58 | 15.8 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 1:05 | 73.0451389 | Deploying | 2 | 27900 | 15.77 | 12.58 | 15.82 | 7.86 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/13/2016 1:05 | 73.0454861 | Deploying | 2 | 27930 | 15.77 | 12.58 | 15.83 | 7.84 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:05 | 73.0455093 | Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:06 | 73.0458333 | Deploying | 2 | 27960 | 15.84 | 12.64 | 15.85 | 7.89 | 2089 | 1603 | 0 | -16 | -12 | -12 | -12 |
| 3/13/2016 1:06 | 73.0461806 | Deploying | 2 | 27990 | 15.84 | 12.64 | 15.87 | 7.87 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 1:07 | 73.0465278 | Deploying | 2 | 28020 | 15.84 | 12.64 | 15.89 | 7.86 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 1:07 | 73.0468750 | Deploying | 2 | 28050 | 15.85 | 12.64 | 15.9 | 7.86 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 1:07 | 73.0471181 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:08 | 73.0472222 | Deploying | 2 | 28080 | 15.86 | 12.71 | 15.92 | 7.86 | 2140 | 1614 | 0 | -11 | -13 | -12 | -13 |
| 3/13/2016 1:08 | 73.0475694 | Deploying | 2 | 28110 | 15.92 | 12.71 | 15.94 | 7.84 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/13/2016 1:09 | 73.0479167 | Deploying | 2 | 28140 | 15.93 | 12.71 | 15.95 | 7.84 | 0 | 0 | 0 | -14 | -12 | -13 | -12 |
| 3/13/2016 1:09 | 73.0482639 | Deploying | 2 | 28170 | 15.92 | 12.71 | 15.97 | 7.83 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 1:09 | 73.0485417 | Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:10 | 73.0486111 | Deploying | 2 | 28200 | 15.94 | 12.77 | 15.99 | 7.83 | 2195 | 1601 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:10 | 73.0489583 | Deploying | 2 | 28230 | 15.99 | 12.77 | 16 | 7.84 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/13/2016 1:11 | 73.0493056 | Deploying | 2 | 28260 | 15.99 | 12.77 | 16.02 | 7.84 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 1:11 | 73.0496528 | Deploying | 2 | 28290 | 15.99 | 12.77 | 16.04 | 7.84 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 1:11 | 73.0499537 | Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:12 | 73.0500000 | Deploying | 2 | 28320 | 15.99 | 12.83 | 16.06 | 7.87 | 2265 | 1636 | 0 | -11 | -12 | -12 | -12 |
| 3/13/2016 1:12 | 73.0503472 | Deploying | 2 | 28350 | 16.06 | 12.83 | 16.07 | 7.87 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:13 | 73.0506944 | Deploying | 2 | 28380 | 16.06 | 12.83 | 16.09 | 7.84 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:13 | 73.0510417 | Deploying | 2 | 28410 | 16.06 | 12.83 | 16.11 | 7.83 | 0 | 0 | 0 | -14 | -13 | -12 | -13 |
| 3/13/2016 1:14 | 73.0513889 | Deploying | 2 | 28440 | 16.07 | 12.83 | 16.12 | 7.86 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/13/2016 1:14 | 73.0514699 | Winding down 1586 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:14 | 73.0517361 | Deploying | 2 | 28470 | 16.11 | 12.89 | 16.14 | 7.83 | 2101 | 1599 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 1:15 | 73.0520833 | Deploying | 2 | 28500 | 16.14 | 12.89 | 16.16 | 7.84 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 1:15 | 73.0524306 | Deploying | 2 | 28530 | 16.14 | 12.89 | 16.17 | 7.84 | 0 | 0 | 0 | -10 | -13 | -12 | -13 |
| 3/13/2016 1:16 | 73.0527778 | Deploying | 2 | 28560 | 16.14 | 12.89 | 16.19 | 7.83 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 1:16 | 73.0529630 | Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:16 | 73.0531250 | Deploying | 2 | 28590 | 16.17 | 12.96 | 16.21 | 7.86 | 2126 | 1599 | 0 | -14 | -13 | -12 | -13 |
| 3/13/2016 1:17 | 73.0534722 | Deploying | 2 | 28620 | 16.2 | 12.96 | 16.23 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 1:17 | 73.0538194 | Deploying | 2 | 28650 | 16.2 | 12.96 | 16.24 | 7.87 | 0 | 0 | 0 | -12 | -13 | -13 | -13 |
| 3/13/2016 1:18 | 73.0541667 | Deploying | 2 | 28680 | 16.2 | 12.96 | 16.26 | 7.86 | 0 | 0 | 0 | -15 | -11 | -12 | -11 |
| 3/13/2016 1:18 | 73.0542130 | Winding down 1519 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:18 | 73.0545139 | Deploying | 2 | 28710 | 16.26 | 13.01 | 16.28 | 7.79 | 2259 | 1618 | 0 | -14 | -12 | -13 | -12 |
| 3/13/2016 1:19 | 73.0548611 | Deploying | 2 | 28740 | 16.28 | 13.01 | 16.29 | 7.84 | 0 | 0 | 0 | -14 | -15 | -12 | -15 |
| 3/13/2016 1:19 | 73.0552083 | Deploying | 2 | 28770 | 16.28 | 13.01 | 16.31 | 7.83 | 0 | 0 | 0 | -14 | -13 | -13 | -13 |
| 3/13/2016 1:20 | 73.0555556 | Deploying | 2 | 28800 | 16.28 | 13.01 | 16.33 | 7.84 | 0 | 0 | 0 | -12 | -15 | -13 | -15 |
| 3/13/2016 1:20 | 73.0557870 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:20 | 73.0559028 | Deploying | 2 | 28830 | 16.3 | 13.08 | 16.34 | 7.83 | 2115 | 1602 | 0 | -15 | -12 | -12 | -12 |
| 3/13/2016 1:21 | 73.0562500 | Deploying | 2 | 28860 | 16.35 | 13.08 | 16.36 | 7.84 | 0 | 0 | 0 | -14 | -11 | -12 | -11 |
| 3/13/2016 1:21 | 73.0565972 | Deploying | 2 | 28890 | 16.35 | 13.08 | 16.38 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 1:22 | 73.0569444 | Deploying | 2 | 28920 | 16.35 | 13.08 | 16.4 | 7.83 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 1:22 | 73.0572454 | Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:22 | 73.0572917 | Deploying | 2 | 28950 | 16.36 | 13.14 | 16.41 | 7.84 | 2104 | 1596 | 0 | -12 | -14 | -12 | -14 |
| 3/13/2016 1:23 | 73.0576389 | Deploying | 2 | 28980 | 16.43 | 13.14 | 16.43 | 7.84 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:23 | 73.0579861 | Deploying | 2 | 29010 | 16.43 | 13.14 | 16.45 | 7.81 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:24 | 73.0583333 | Deploying | 2 | 29040 | 16.43 | 13.14 | 16.46 | 7.84 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 1:24 | 73.0586806 | Deploying | 2 | 29070 | 16.43 | 13.14 | 16.48 | 7.84 | 0 | 0 | 0 | -13 | -15 | -12 | -15 |
| 3/13/2016 1:24 | 73.0589583 | Winding down 1877 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:25 | 73.0590278 | Deploying | 2 | 29100 | 16.44 | 13.21 | 16.5 | 7.84 | 2266 | 1614 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 1:25 | 73.0593750 | Deploying | 2 | 29130 | 16.5 | 13.21 | 16.51 | 7.86 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:26 | 73.0597222 Deploying | 2 | 29160 | 16.51 | 13.21 | 16.53 | 7.84 | 0 | 0 | 0 | -10 | -12 | -12 | -12 |
| 3/13/2016 1:26 | 73.0600694 Deploying | 2 | 29190 | 16.5 | 13.21 | 16.55 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 1:27 | 73.0604167 Deploying | 2 | 29220 | 16.52 | 13.21 | 16.57 | 7.83 | 0 | 0 | 0 | -16 | -11 | -12 | -11 |
| 3/13/2016 1:27 | 73.0606134 Winding down 1603 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:27 | 73.0607639 Deploying | 2 | 29250 | 16.54 | 13.27 | 16.58 | 7.84 | 2087 | 1601 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:28 | 73.0611111 Deploying | 2 | 29280 | 16.58 | 13.27 | 16.6 | 7.84 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:28 | 73.0614583 Deploying | 2 | 29310 | 16.58 | 13.27 | 16.62 | 7.86 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 1:29 | 73.0618056 Deploying | 2 | 29340 | 16.59 | 13.27 | 16.63 | 7.86 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 3/13/2016 1:29 | 73.0620833 Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:29 | 73.0621528 Deploying | 2 | 29370 | 16.6 | 13.34 | 16.65 | 7.84 | 2118 | 1605 | 0 | -13 | -14 | -13 | -14 |
| 3/13/2016 1:30 | 73.0625000 Deploying | 2 | 29400 | 16.65 | 13.34 | 16.67 | 7.84 | 0 | 0 | 0 | -12 | -14 | -12 | -14 |
| 3/13/2016 1:30 | 73.0628472 Deploying | 2 | 29430 | 16.66 | 13.34 | 16.68 | 7.86 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:31 | 73.0631944 Deploying | 2 | 29460 | 16.65 | 13.34 | 16.7 | 7.84 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 1:31 | 73.0634491 Winding down 1549 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:31 | 73.0635417 Deploying | 2 | 29490 | 16.67 | 13.4 | 16.72 | 7.81 | 2252 | 1610 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 1:32 | 73.0638889 Deploying | 2 | 29520 | 16.72 | 13.4 | 16.74 | 7.84 | 0 | 0 | 0 | -13 | -14 | -12 | -14 |
| 3/13/2016 1:32 | 73.0642361 Deploying | 2 | 29550 | 16.73 | 13.4 | 16.75 | 7.84 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/13/2016 1:33 | 73.0645833 Deploying | 2 | 29580 | 16.72 | 13.4 | 16.77 | 7.86 | 0 | 0 | 0 | -13 | -13 | -12 | -13 |
| 3/13/2016 1:33 | 73.0649306 Deploying | 2 | 29610 | 16.73 | 13.4 | 16.79 | 7.84 | 0 | 0 | 0 | -12 | -14 | -13 | -14 |
| 3/13/2016 1:33 | 73.0649306 Winding down 1562 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:34 | 73.0652778 Deploying | 2 | 29640 | 16.79 | 13.46 | 16.8 | 7.84 | 2263 | 1601 | 0 | -11 | -14 | -12 | -14 |
| 3/13/2016 1:34 | 73.0656250 Deploying | 2 | 29670 | 16.79 | 13.46 | 16.82 | 7.84 | 0 | 0 | 0 | -26 | -14 | -18 | -14 |
| 3/13/2016 1:35 | 73.0659722 Deploying | 2 | 29700 | 16.79 | 13.46 | 16.84 | 7.81 | 0 | 0 | 0 | -21 | -14 | -15 | -14 |
| 3/13/2016 1:35 | 73.0662963 Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:35 | 73.0663194 Deploying | 2 | 29730 | 16.79 | 13.52 | 16.85 | 7.78 | 2271 | 1629 | 0 | -16 | -13 | -14 | -13 |
| 3/13/2016 1:36 | 73.0666667 Deploying | 2 | 29760 | 16.85 | 13.52 | 16.87 | 7.83 | 0 | 0 | 2 | -21 | -45 | -26 | -45 |
| 3/13/2016 1:36 | 73.0670139 Deploying | 2 | 29790 | 16.86 | 13.52 | 16.89 | 7.83 | 0 | 0 | 0 | -37 | -18 | -28 | -18 |
| 3/13/2016 1:36 | 73.0673495 Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/13/2016 1:36 | 73.0673495 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0673611 Rewinding | 5 | 29819 | 16.86 | 13.52 | 16.86 | 7.79 | 0 | 0 | | | | | |
| 3/13/2016 1:37 | 73.0673843 Winding up 1900 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0674074 Winding up 3100 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0674537 Winding up 5049 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0675231 Winding up 7399 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0676157 Winding up 9200 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0677083 Rewinding | 5 | 29819 | 16.45 | 12.48 | 16.11 | 7.57 | 1151 | 903 | | | | | |
| 3/13/2016 1:37 | 73.0677315 Winding up 9000 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0678472 Winding up 7374 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0679398 Winding up 5925 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0680093 Winding up 4875 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0680556 Rewinding | 5 | 29819 | 15.5 | 11.43 | 15.36 | 7.54 | 1150 | 885 | | | | | |
| 3/13/2016 1:38 | 73.0680671 Winding up 3850 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0681134 Winding up 3000 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0681597 Winding up 2224 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0681944 Winding up 1749 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0682176 Winding up 1425 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0683681 Winding up 1349 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0683912 Winding up 1625 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0684028 Rewinding | 5 | 29819 | 14.66 | 10.84 | 14.61 | 7.79 | 1150 | 234 | | | | | |
| 3/13/2016 1:38 | 73.0684144 Winding up 2050 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0684491 Winding up 2625 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0684838 Winding up 3275 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0685301 Winding up 4075 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:38 | 73.0685880 Winding up 5000 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:38 | 73.0686574 Winding up 5500 ticks | | 3 | | | | | | |
| 3/13/2016 1:38 | 73.0687269 Winding up 5075 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0687500 Rewinding | | 5 | 29819 | 14.03 | 9.78 | 13.86 | 7.6 | 1149 | 226 |
| 3/13/2016 1:39 | 73.0687963 Winding up 4349 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0688542 Winding up 3649 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0689005 Winding up 3050 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0689468 Winding up 2525 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0689815 Winding up 2075 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0690162 Winding up 1750 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0690394 Winding up 1575 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0690625 Winding up 1400 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0690972 Rewinding | | 5 | 29819 | 13.13 | 9 | 13.11 | 7.76 | 1147 | 884 |
| 3/13/2016 1:39 | 73.0691782 Winding up 1275 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0692014 Winding up 1550 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0692245 Winding up 1775 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0692477 Winding up 2000 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0692824 Winding up 2375 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0693171 Winding up 2699 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0693519 Winding up 3075 ticks | | 3 | | | | | | |
| 3/13/2016 1:39 | 73.0693981 Winding up 3474 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0694444 Rewinding | | 5 | 29819 | 12.49 | 8.3 | 12.36 | 7.52 | 1145 | 880 |
| 3/13/2016 1:40 | 73.0694444 Winding up 4025 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0695023 Winding up 4099 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0695602 Winding up 3575 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0696065 Winding up 3150 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0696528 Winding up 2775 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0696875 Winding up 2475 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0697222 Winding up 2125 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0697569 Winding up 1825 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0697801 Winding up 1650 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0697917 Rewinding | | 5 | 29819 | 11.64 | 7.31 | 11.61 | 7.78 | 1145 | 907 |
| 3/13/2016 1:40 | 73.0698032 Winding up 1350 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0698264 Winding up 1300 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0699421 Winding up 1275 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0699653 Winding up 1475 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0699884 Winding up 1825 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0700116 Winding up 2050 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0700463 Winding up 2425 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0700810 Winding up 2825 ticks | | 3 | | | | | | |
| 3/13/2016 1:40 | 73.0701157 Winding up 3200 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0701389 Rewinding | | 5 | 29819 | 10.97 | 6.63 | 10.86 | 7.56 | 1146 | 895 |
| 3/13/2016 1:41 | 73.0701620 Winding up 3600 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0702083 Winding up 3925 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0702546 Winding up 4000 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0703125 Winding up 3350 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0703588 Winding up 2700 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0703935 Winding up 2250 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0704282 Winding up 1750 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0704514 Winding up 1525 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0704745 Winding up 1325 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0704861 Rewinding | | 5 | 29819 | 10.13 | 5.7 | 10.11 | 7.76 | 1146 | 203 |
| 3/13/2016 1:41 | 73.0706019 Winding up 1275 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0706250 Winding up 1550 ticks | | 3 | | | | | | |
| 3/13/2016 1:41 | 73.0706481 Winding up 1825 ticks | | 3 | | | | | | |

| Date/Time | Value / Description | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:41 | 73.0706713 Winding up 2125 ticks | 3 | | | | | | | |
| 3/13/2016 1:41 | 73.0707060 Winding up 2575 ticks | 3 | | | | | | | |
| 3/13/2016 1:41 | 73.0707407 Winding up 3025 ticks | 3 | | | | | | | |
| 3/13/2016 1:41 | 73.0707870 Winding up 3600 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0708333 Rewinding | 5 | 29819 | 9.5 | 5.09 | 9.36 | 7.51 | 1147 | 884 |
| 3/13/2016 1:42 | 73.0708333 Winding up 4050 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0708912 Winding up 4350 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0709491 Winding up 3975 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0710069 Winding up 3550 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0710532 Winding up 3050 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0710995 Winding up 2600 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0711343 Winding up 2300 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0711690 Winding up 1900 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0711806 Rewinding | 5 | 29819 | 8.65 | 4.11 | 8.61 | 7.76 | 1142 | 890 |
| 3/13/2016 1:42 | 73.0711921 Winding up 1625 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0712153 Winding up 1425 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0713426 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0713657 Winding up 1525 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0713889 Winding up 1825 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0714120 Winding up 2000 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0714468 Winding up 2350 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0714815 Winding up 2750 ticks | 3 | | | | | | | |
| 3/13/2016 1:42 | 73.0715162 Winding up 3150 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0715278 Rewinding | 5 | 29819 | 7.96 | 3.43 | 7.86 | 7.73 | 1146 | 888 |
| 3/13/2016 1:43 | 73.0715625 Winding up 3675 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0716088 Winding up 4175 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0716667 Winding up 4075 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0717245 Winding up 3450 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0717708 Winding up 3000 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0718171 Winding up 2400 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0718519 Winding up 2050 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0718750 Rewinding | 5 | 29819 | 7.16 | 2.56 | 7.11 | 7.51 | 1146 | 209 |
| 3/13/2016 1:43 | 73.0718866 Winding up 1800 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0719097 Winding up 1550 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0719329 Winding up 1375 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0720486 Winding up 1275 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0720718 Winding up 1550 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0720949 Winding up 1725 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0721181 Winding up 1975 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0721528 Winding up 2375 ticks | 3 | | | | | | | |
| 3/13/2016 1:43 | 73.0721875 Winding up 2750 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0722222 Rewinding | 5 | 29819 | 6.46 | 1.94 | 6.36 | 7.52 | 1144 | 902 |
| 3/13/2016 1:44 | 73.0722222 Winding up 3200 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0722685 Winding up 3575 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0723148 Winding up 3925 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0723611 Winding up 3975 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0724190 Winding up 3375 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0724653 Winding up 2925 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0724769 TWI hung (3) | 5 | | | | | | | |
| 3/13/2016 1:44 | 73.0725000 Winding up 2425 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0725347 Winding up 1900 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0725694 Rewinding | 5 | 29819 | 5.64 | 0.98 | 5.61 | 7.6 | 1140 | 880 |
| 3/13/2016 1:44 | 73.0725694 Winding up 1350 ticks | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0727083 Winding up 1250 ticks | 3 | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:44 | 73.0727315 Winding up 1600 ticks | | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0727546 Winding up 1925 ticks | | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0727778 Winding up 2225 ticks | | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0728125 Winding up 2575 ticks | | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0728472 Winding up 3150 ticks | | 3 | | | | | | | |
| 3/13/2016 1:44 | 73.0728935 Winding up 3825 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0729167 Rewinding | | 5 | 29819 | 5 | 0.31 | 4.86 | 7.54 | 1144 | 892 |
| 3/13/2016 1:45 | 73.0729398 Winding up 4325 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0729977 Winding up 4425 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0730556 Winding up 4025 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0731134 Winding up 3200 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0731597 Winding up 2625 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0731944 Winding up 2050 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0732292 Winding up 1625 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0732523 Winding up 1325 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0732639 Rewinding | | 5 | 29819 | 4.13 | -0.58 | 4.11 | 7.71 | 1141 | 876 |
| 3/13/2016 1:45 | 73.0733912 Winding up 1325 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0734144 Winding up 1625 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0734375 Winding up 2000 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0734722 Winding up 2400 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0735069 Winding up 2975 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0735532 Winding up 3650 ticks | | 3 | | | | | | | |
| 3/13/2016 1:45 | 73.0735995 Winding up 4300 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0736111 Rewinding | | 5 | 29819 | 3.51 | -1.27 | 3.36 | 7.71 | 1144 | 894 |
| 3/13/2016 1:46 | 73.0736574 Winding up 4950 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0737153 Winding up 4900 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0737731 Winding up 4025 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0738310 Winding up 3125 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0738773 Winding up 2475 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0739120 Winding up 1900 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0739352 Winding up 1575 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0739583 Rewinding | | 5 | 29819 | 2.63 | -2.13 | 2.61 | 7.56 | 1137 | 876 |
| 3/13/2016 1:46 | 73.0741088 Winding up 1300 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0741319 Winding up 1750 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0741551 Winding up 2275 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0741898 Winding up 2800 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0742245 Winding up 3400 ticks | | 3 | | | | | | | |
| 3/13/2016 1:46 | 73.0742593 TWI hung (2) | | 5 | | | | | | | |
| 3/13/2016 1:46 | 73.0742708 Winding up 4150 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0743056 Rewinding | | 5 | 29819 | 2.02 | -2.72 | 1.86 | 7.43 | 1144 | 881 |
| 3/13/2016 1:47 | 73.0743287 Winding up 5100 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0743981 Winding up 5475 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0744676 Winding up 4825 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0745255 Winding up 3950 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0745718 Winding up 3125 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0745833 Winding up 2975 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0745949 Winding up 2825 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0746065 Winding up 2700 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0746181 Winding up 2600 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0746296 Winding up 2525 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0746412 Winding up 2475 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0746528 Rewinding | | 5 | 29819 | 1.18 | -3.5 | 1.11 | 7.75 | 1155 | 1022 |
| 3/13/2016 1:47 | 73.0746528 Winding up 2475 ticks | | 3 | | | | | | | |
| 3/13/2016 1:47 | 73.0746644 Winding up 2500 ticks | | 3 | | | | | | | |

| 3/13/2016 1:47 | 73.0746759 Winding up 2525 ticks | 3 |
| 3/13/2016 1:47 | 73.0746875 Overcurrent (motor jam) condition detected | 5 |
| 3/13/2016 1:47 | 73.0746875 State 5 (FINISHED) | 5 |

DPS9-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:20 | 73.2222222 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/13/2016 5:20 | 73.2225694 | Deploying | 2 | 30 | 0.88 | 0 | 0.02 | 8.46 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:21 | 73.2229167 | Deploying | 2 | 60 | 0.88 | 0 | 0.04 | 8.44 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/13/2016 5:21 | 73.2232639 | Deploying | 2 | 90 | 0.87 | 0 | 0.06 | 8.43 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 5:22 | 73.2236111 | Deploying | 2 | 120 | 0.88 | 0 | 0.08 | 8.48 | 0 | 0 | 0 | -14 | -12 | -12 | -12 |
| 3/13/2016 5:22 | 73.2239583 | Deploying | 2 | 150 | 0.88 | 0 | 0.09 | 8.46 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:23 | 73.2243056 | Deploying | 2 | 180 | 0.87 | 0 | 0.11 | 8.46 | 0 | 0 | 0 | -11 | -13 | -11 | -13 |
| 3/13/2016 5:23 | 73.2246528 | Deploying | 2 | 210 | 0.87 | 0 | 0.13 | 8.44 | 0 | 0 | 0 | -13 | -11 | -12 | -11 |
| 3/13/2016 5:24 | 73.2250000 | Deploying | 2 | 240 | 0.88 | 0 | 0.14 | 8.46 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 5:24 | 73.2253472 | Deploying | 2 | 270 | 0.88 | 0 | 0.16 | 8.43 | 0 | 0 | 0 | -13 | -12 | -12 | -12 |
| 3/13/2016 5:25 | 73.2256944 | Deploying | 2 | 300 | 0.87 | 0 | 0.18 | 8.46 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 5:25 | 73.2260417 | Deploying | 2 | 330 | 0.87 | 0 | 0.19 | 8.48 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:26 | 73.2263889 | Deploying | 2 | 360 | 0.88 | 0 | 0.21 | 8.48 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:26 | 73.2267361 | Deploying | 2 | 390 | 0.87 | 0 | 0.23 | 8.44 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:27 | 73.2270833 | Deploying | 2 | 420 | 0.88 | 0 | 0.25 | 8.44 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:27 | 73.2274306 | Deploying | 2 | 450 | 0.88 | 0 | 0.26 | 8.44 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:28 | 73.2277778 | Deploying | 2 | 480 | 0.87 | 0 | 0.28 | 8.41 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:28 | 73.2281250 | Deploying | 2 | 510 | 0.88 | 0 | 0.3 | 8.48 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:29 | 73.2284722 | Deploying | 2 | 540 | 0.87 | 0 | 0.31 | 8.46 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:29 | 73.2288194 | Deploying | 2 | 570 | 0.87 | 0 | 0.33 | 8.46 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:30 | 73.2291667 | Deploying | 2 | 600 | 0.88 | 0 | 0.35 | 8.4 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:30 | 73.2295139 | Deploying | 2 | 630 | 0.87 | 0 | 0.36 | 8.44 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:31 | 73.2298611 | Deploying | 2 | 660 | 0.87 | 0 | 0.38 | 8.43 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:31 | 73.2302083 | Deploying | 2 | 690 | 0.87 | 0 | 0.4 | 8.46 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:32 | 73.2305556 | Deploying | 2 | 720 | 0.87 | 0 | 0.42 | 8.46 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:32 | 73.2309028 | Deploying | 2 | 750 | 0.88 | 0 | 0.43 | 8.46 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:33 | 73.2312500 | Deploying | 2 | 780 | 0.87 | 0 | 0.45 | 8.44 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:33 | 73.2315972 | Deploying | 2 | 810 | 0.87 | 0 | 0.47 | 8.44 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:34 | 73.2319444 | Deploying | 2 | 840 | 0.88 | 0 | 0.48 | 8.44 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:34 | 73.2322917 | Deploying | 2 | 870 | 0.87 | 0 | 0.5 | 8.46 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:35 | 73.2326389 | Deploying | 2 | 900 | 0.87 | 0 | 0.52 | 8.43 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:35 | 73.2329861 | Deploying | 2 | 930 | 0.87 | 0 | 0.53 | 8.43 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:36 | 73.2333333 | Deploying | 2 | 960 | 0.87 | 0 | 0.55 | 8.41 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:36 | 73.2336806 | Deploying | 2 | 990 | 0.88 | 0 | 0.57 | 8.46 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:37 | 73.2340278 | Deploying | 2 | 1020 | 0.88 | 0 | 0.59 | 8.43 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:37 | 73.2343750 | Deploying | 2 | 1050 | 0.87 | 0 | 0.6 | 8.44 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:38 | 73.2347222 | Deploying | 2 | 1080 | 0.88 | 0 | 0.62 | 8.43 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:38 | 73.2350694 | Deploying | 2 | 1110 | 0.87 | 0 | 0.64 | 8.44 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:39 | 73.2354167 | Deploying | 2 | 1140 | 0.86 | 0 | 0.65 | 8.43 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:39 | 73.2357639 | Deploying | 2 | 1170 | 0.88 | 0 | 0.67 | 8.44 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 5:40 | 73.2361111 | Deploying | 2 | 1200 | 0.88 | 0 | 0.69 | 8.4 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:40 | 73.2364583 | Deploying | 2 | 1230 | 0.87 | 0 | 0.7 | 8.43 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:41 | 73.2368056 | Deploying | 2 | 1260 | 0.86 | 0 | 0.72 | 8.41 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 5:41 | 73.2371528 | Deploying | 2 | 1290 | 0.87 | 0 | 0.74 | 8.44 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:42 | 73.2375000 | Deploying | 2 | 1320 | 0.87 | 0 | 0.76 | 8.44 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:42 | 73.2378472 | Deploying | 2 | 1350 | 0.87 | 0 | 0.77 | 8.44 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:43 | 73.2381944 | Deploying | 2 | 1380 | 0.87 | 0 | 0.79 | 8.44 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:43 | 73.2385417 | Deploying | 2 | 1410 | 0.88 | 0 | 0.81 | 8.43 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:44 | 73.2388889 | Deploying | 2 | 1440 | 0.87 | 0 | 0.82 | 8.44 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:44 | 73.2392361 | Deploying | 2 | 1470 | 0.88 | 0 | 0.84 | 8.43 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:45 | 73.2395833 | Deploying | 2 | 1500 | 0.87 | 0 | 0.86 | 8.44 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:45 | 73.2399306 | Deploying | 2 | 1530 | 0.87 | 0 | 0.87 | 8.44 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:46 | 73.2402778 | Deploying | 2 | 1560 | 0.87 | 0 | 0.89 | 8.41 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 5:46 | 73.2406250 | Deploying | 2 | 1590 | 0.87 | 0 | 0.91 | 8.43 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:47 | 73.2409722 | Deploying | 2 | 1620 | 0.86 | 0 | 0.93 | 8.41 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 3/13/2016 5:47 | 73.2411227 | Winding down 1646 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:47 | 73.2413194 | Deploying | 2 | 1650 | 0.92 | 0.06 | 0.94 | 8.43 | 2164 | 1630 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:48 | 73.2416667 | Deploying | 2 | 1680 | 0.95 | 0.06 | 0.96 | 8.41 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:48 | 73.2420139 | Deploying | 2 | 1710 | 0.95 | 0.06 | 0.98 | 8.43 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:49 | 73.2423611 | Deploying | 2 | 1740 | 0.96 | 0.06 | 0.99 | 8.43 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:49 | 73.2427083 | Deploying | 2 | 1770 | 0.95 | 0.06 | 1.01 | 8.43 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 5:49 | 73.2427894 | Winding down 1586 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:50 | 73.2430556 | Deploying | 2 | 1800 | 1 | 0.12 | 1.03 | 8.44 | 2281 | 1633 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:50 | 73.2434028 | Deploying | 2 | 1830 | 1.02 | 0.12 | 1.04 | 8.43 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 5:51 | 73.2437500 | Deploying | 2 | 1860 | 1.02 | 0.12 | 1.06 | 8.41 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:51 | 73.2440972 | Deploying | 2 | 1890 | 1.02 | 0.12 | 1.08 | 8.44 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:51 | 73.2441088 | Winding down 1401 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:52 | 73.2444444 | Deploying | 2 | 1920 | 1.07 | 0.17 | 1.1 | 8.4 | 2144 | 1634 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:52 | 73.2447917 | Deploying | 2 | 1950 | 1.08 | 0.17 | 1.11 | 8.4 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 5:53 | 73.2451389 | Deploying | 2 | 1980 | 1.09 | 0.17 | 1.13 | 8.43 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:53 | 73.2454861 | Deploying | 2 | 2010 | 1.08 | 0.17 | 1.15 | 8.4 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:53 | 73.2455324 | Winding down 1744 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:54 | 73.2458333 | Deploying | 2 | 2040 | 1.15 | 0.24 | 1.16 | 8.4 | 2265 | 1637 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:54 | 73.2461806 | Deploying | 2 | 2070 | 1.16 | 0.24 | 1.18 | 8.43 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 5:55 | 73.2465278 | Deploying | 2 | 2100 | 1.16 | 0.24 | 1.2 | 8.44 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:55 | 73.2468750 | Deploying | 2 | 2130 | 1.17 | 0.24 | 1.21 | 8.4 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:56 | 73.2472222 | Deploying | 2 | 2160 | 1.17 | 0.24 | 1.23 | 8.43 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:56 | 73.2472222 | Winding down 1662 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:56 | 73.2475694 | Deploying | 2 | 2190 | 1.23 | 0.3 | 1.25 | 8.41 | 2265 | 1634 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 5:57 | 73.2479167 | Deploying | 2 | 2220 | 1.24 | 0.3 | 1.27 | 8.41 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:57 | 73.2482639 | Deploying | 2 | 2250 | 1.24 | 0.3 | 1.28 | 8.4 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:58 | 73.2486111 | Deploying | 2 | 2280 | 1.24 | 0.3 | 1.3 | 8.41 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 5:58 | 73.2486458 | Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 5:58 | 73.2489583 | Deploying | 2 | 2310 | 1.3 | 0.36 | 1.32 | 8.43 | 2273 | 1634 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 5:59 | 73.2493056 | Deploying | 2 | 2340 | 1.31 | 0.36 | 1.33 | 8.44 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 5:59 | 73.2496528 | Deploying | 2 | 2370 | 1.31 | 0.36 | 1.35 | 8.43 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:00 | 73.2500000 | Deploying | 2 | 2400 | 1.3 | 0.36 | 1.37 | 8.43 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:00 | 73.2500231 | Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:00 | 73.2503472 | Deploying | 2 | 2430 | 1.38 | 0.42 | 1.38 | 8.44 | 2147 | 1631 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:01 | 73.2506944 | Deploying | 2 | 2460 | 1.38 | 0.42 | 1.4 | 8.43 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:01 | 73.2510417 | Deploying | 2 | 2490 | 1.38 | 0.42 | 1.42 | 8.41 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:02 | 73.2513889 | Deploying | 2 | 2520 | 1.39 | 0.42 | 1.44 | 8.4 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:02 | 73.2515278 | Winding down 1457 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:02 | 73.2517361 | Deploying | 2 | 2550 | 1.42 | 0.48 | 1.45 | 8.4 | 2270 | 1650 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:03 | 73.2520833 | Deploying | 2 | 2580 | 1.45 | 0.48 | 1.47 | 8.38 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:03 | 73.2524306 | Deploying | 2 | 2610 | 1.45 | 0.48 | 1.49 | 8.43 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:04 | 73.2527778 | Deploying | 2 | 2640 | 1.45 | 0.48 | 1.5 | 8.41 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:04 | 73.2530093 | Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:04 | 73.2531250 | Deploying | 2 | 2670 | 1.47 | 0.54 | 1.52 | 8.41 | 2165 | 1627 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:05 | 73.2534722 | Deploying | 2 | 2700 | 1.52 | 0.54 | 1.54 | 8.41 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:05 | 73.2538194 | Deploying | 2 | 2730 | 1.52 | 0.54 | 1.55 | 8.43 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:06 | 73.2541667 | Deploying | 2 | 2760 | 1.52 | 0.54 | 1.57 | 8.4 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:06 | 73.2542824 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:06 | 73.2545139 | Deploying | 2 | 2790 | 1.56 | 0.6 | 1.59 | 8.43 | 2195 | 1627 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:07 | 73.2548611 | Deploying | 2 | 2820 | 1.59 | 0.6 | 1.61 | 8.4 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:07 | 73.2552083 | Deploying | 2 | 2850 | 1.58 | 0.6 | 1.62 | 8.4 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:08 | 73.2555556 | Deploying | 2 | 2880 | 1.6 | 0.6 | 1.64 | 8.4 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |

| Date/Time | Value | Status | N | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:08 | 73.2558681 | Winding down 1795 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:08 | 73.2559028 | Deploying | 2 | 2910 | 1.59 | 0.67 | 1.66 | 8.4 | 2265 | 1631 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:09 | 73.2562500 | Deploying | 2 | 2940 | 1.67 | 0.67 | 1.67 | 8.41 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:09 | 73.2565972 | Deploying | 2 | 2970 | 1.66 | 0.67 | 1.69 | 8.38 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:10 | 73.2569444 | Deploying | 2 | 3000 | 1.66 | 0.67 | 1.71 | 8.4 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:10 | 73.2572801 | Winding down 1623 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:10 | 73.2572917 | Deploying | 2 | 3030 | 1.66 | 0.73 | 1.72 | 8.38 | 2134 | 1608 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:11 | 73.2576389 | Deploying | 2 | 3060 | 1.74 | 0.73 | 1.74 | 8.4 | 2134 | 43 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:11 | 73.2579861 | Deploying | 2 | 3090 | 1.74 | 0.73 | 1.76 | 8.41 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:12 | 73.2583333 | Deploying | 2 | 3120 | 1.73 | 0.73 | 1.78 | 8.43 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:12 | 73.2586343 | Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:12 | 73.2586806 | Deploying | 2 | 3150 | 1.74 | 0.79 | 1.79 | 8.41 | 2262 | 1637 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:13 | 73.2590278 | Deploying | 2 | 3180 | 1.81 | 0.79 | 1.81 | 8.41 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:13 | 73.2593750 | Deploying | 2 | 3210 | 1.81 | 0.79 | 1.83 | 8.4 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:14 | 73.2597222 | Deploying | 2 | 3240 | 1.81 | 0.79 | 1.84 | 8.41 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:14 | 73.2600694 | Deploying | 2 | 3270 | 1.81 | 0.79 | 1.86 | 8.41 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:14 | 73.2602083 | Winding down 1507 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:15 | 73.2604167 | Deploying | 2 | 3300 | 1.85 | 0.84 | 1.88 | 8.41 | 2150 | 1621 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:15 | 73.2607639 | Deploying | 2 | 3330 | 1.87 | 0.84 | 1.89 | 8.38 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:16 | 73.2611111 | Deploying | 2 | 3360 | 1.87 | 0.84 | 1.91 | 8.41 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:16 | 73.2614583 | Deploying | 2 | 3390 | 1.87 | 0.84 | 1.93 | 8.4 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:16 | 73.2616204 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:17 | 73.2618056 | Deploying | 2 | 3420 | 1.92 | 0.91 | 1.95 | 8.37 | 2271 | 1622 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:17 | 73.2621528 | Deploying | 2 | 3450 | 1.95 | 0.91 | 1.96 | 8.38 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:18 | 73.2625000 | Deploying | 2 | 3480 | 1.95 | 0.91 | 1.98 | 8.4 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:18 | 73.2628472 | Deploying | 2 | 3510 | 1.95 | 0.91 | 2 | 8.38 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:18 | 73.2631250 | Winding down 1652 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:19 | 73.2631944 | Deploying | 2 | 3540 | 1.96 | 0.97 | 2.01 | 8.4 | 2209 | 1634 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 6:19 | 73.2635417 | Deploying | 2 | 3570 | 2.01 | 0.97 | 2.03 | 8.4 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:20 | 73.2638889 | Deploying | 2 | 3600 | 2.01 | 0.97 | 2.05 | 8.4 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:20 | 73.2642361 | Deploying | 2 | 3630 | 2.02 | 0.97 | 2.06 | 8.41 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:20 | 73.2645602 | Winding down 1609 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:21 | 73.2645833 | Deploying | 2 | 3660 | 2.02 | 1.03 | 2.08 | 8.33 | 2134 | 1606 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:21 | 73.2649306 | Deploying | 2 | 3690 | 2.09 | 1.03 | 2.1 | 8.38 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:22 | 73.2652778 | Deploying | 2 | 3720 | 2.09 | 1.03 | 2.12 | 8.4 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 6:22 | 73.2656250 | Deploying | 2 | 3750 | 2.09 | 1.03 | 2.13 | 8.35 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:23 | 73.2659722 | Deploying | 2 | 3780 | 2.09 | 1.03 | 2.15 | 8.4 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:23 | 73.2660532 | Winding down 1586 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:23 | 73.2663194 | Deploying | 2 | 3810 | 2.15 | 1.09 | 2.17 | 8.35 | 2142 | 1617 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:24 | 73.2666667 | Deploying | 2 | 3840 | 2.16 | 1.09 | 2.18 | 8.38 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:24 | 73.2670139 | Deploying | 2 | 3870 | 2.16 | 1.09 | 2.2 | 8.38 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:25 | 73.2673611 | Deploying | 2 | 3900 | 2.15 | 1.09 | 2.22 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:25 | 73.2674653 | Winding down 1890 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:25 | 73.2677083 | Deploying | 2 | 3930 | 2.21 | 1.16 | 2.23 | 8.38 | 2204 | 1619 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:26 | 73.2680556 | Deploying | 2 | 3960 | 2.24 | 1.16 | 2.25 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:26 | 73.2684028 | Deploying | 2 | 3990 | 2.24 | 1.16 | 2.27 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:27 | 73.2687500 | Deploying | 2 | 4020 | 2.24 | 1.16 | 2.29 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:27 | 73.2689468 | Winding down 1353 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:27 | 73.2690972 | Deploying | 2 | 4050 | 2.27 | 1.21 | 2.3 | 8.37 | 2262 | 1627 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:28 | 73.2694444 | Deploying | 2 | 4080 | 2.3 | 1.21 | 2.32 | 8.38 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:28 | 73.2697917 | Deploying | 2 | 4110 | 2.3 | 1.21 | 2.34 | 8.38 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:29 | 73.2701389 | Deploying | 2 | 4140 | 2.3 | 1.21 | 2.35 | 8.37 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:29 | 73.2703588 | Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:29 | 73.2704861 | Deploying | 2 | 4170 | 2.33 | 1.28 | 2.37 | 8.38 | 2153 | 1611 | 0 | -13 | -11 | -11 | -11 |

| Date/Time | Value | Status | Col | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:30 | 73.2708333 | Deploying | 2 | 4200 | 2.37 | 1.28 | 2.39 | 8.38 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:30 | 73.2711806 | Deploying | 2 | 4230 | 2.37 | 1.28 | 2.4 | 8.38 | 0 | 0 | 0 | -11 | -13 | -11 | -13 |
| 3/13/2016 6:31 | 73.2715278 | Deploying | 2 | 4260 | 2.37 | 1.28 | 2.42 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:31 | 73.2717593 | Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:31 | 73.2718750 | Deploying | 2 | 4290 | 2.39 | 1.34 | 2.44 | 8.37 | 2258 | 1620 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:32 | 73.2722222 | Deploying | 2 | 4320 | 2.44 | 1.34 | 2.46 | 8.35 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:32 | 73.2725694 | Deploying | 2 | 4350 | 2.44 | 1.34 | 2.47 | 8.35 | 0 | 0 | 0 | -10 | -13 | -11 | -13 |
| 3/13/2016 6:33 | 73.2729167 | Deploying | 2 | 4380 | 2.44 | 1.34 | 2.49 | 8.38 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:33 | 73.2732060 | Winding down 1666 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:33 | 73.2732639 | Deploying | 2 | 4410 | 2.45 | 1.4 | 2.51 | 8.35 | 2103 | 1593 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:34 | 73.2736111 | Deploying | 2 | 4440 | 2.51 | 1.4 | 2.52 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:34 | 73.2739583 | Deploying | 2 | 4470 | 2.51 | 1.4 | 2.54 | 8.35 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 6:35 | 73.2743056 | Deploying | 2 | 4500 | 2.51 | 1.4 | 2.56 | 8.4 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:35 | 73.2746528 | Deploying | 2 | 4530 | 2.52 | 1.4 | 2.57 | 8.38 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:35 | 73.2746759 | Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:36 | 73.2750000 | Deploying | 2 | 4560 | 2.58 | 1.46 | 2.59 | 8.35 | 2117 | 1617 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:36 | 73.2753472 | Deploying | 2 | 4590 | 2.58 | 1.46 | 2.61 | 8.37 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 6:37 | 73.2756944 | Deploying | 2 | 4620 | 2.58 | 1.46 | 2.63 | 8.35 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:37 | 73.2760417 | Deploying | 2 | 4650 | 2.58 | 1.46 | 2.64 | 8.35 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 6:37 | 73.2760417 | Winding down 1662 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:38 | 73.2763889 | Deploying | 2 | 4680 | 2.65 | 1.52 | 2.66 | 8.37 | 2246 | 1625 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:38 | 73.2767361 | Deploying | 2 | 4710 | 2.65 | 1.52 | 2.68 | 8.4 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:39 | 73.2770833 | Deploying | 2 | 4740 | 2.65 | 1.52 | 2.69 | 8.35 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:39 | 73.2774306 | Deploying | 2 | 4770 | 2.65 | 1.52 | 2.71 | 8.35 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:39 | 73.2774653 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:40 | 73.2777778 | Deploying | 2 | 4800 | 2.71 | 1.58 | 2.73 | 8.33 | 2251 | 1607 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:40 | 73.2781250 | Deploying | 2 | 4830 | 2.72 | 1.58 | 2.74 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:41 | 73.2784722 | Deploying | 2 | 4860 | 2.72 | 1.58 | 2.76 | 8.35 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 6:41 | 73.2788194 | Deploying | 2 | 4890 | 2.72 | 1.58 | 2.78 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:41 | 73.2788310 | Winding down 1501 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:42 | 73.2791667 | Deploying | 2 | 4920 | 2.79 | 1.64 | 2.8 | 8.38 | 2131 | 1600 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 6:42 | 73.2795139 | Deploying | 2 | 4950 | 2.79 | 1.64 | 2.81 | 8.37 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:43 | 73.2798611 | Deploying | 2 | 4980 | 2.78 | 1.64 | 2.83 | 8.37 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:43 | 73.2801620 | Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:43 | 73.2802083 | Deploying | 2 | 5010 | 2.79 | 1.7 | 2.85 | 8.37 | 2139 | 1606 | 0 | -11 | -13 | -11 | -13 |
| 3/13/2016 6:44 | 73.2805556 | Deploying | 2 | 5040 | 2.86 | 1.7 | 2.86 | 8.37 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:44 | 73.2809028 | Deploying | 2 | 5070 | 2.85 | 1.7 | 2.88 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:45 | 73.2812500 | Deploying | 2 | 5100 | 2.85 | 1.7 | 2.9 | 8.38 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:45 | 73.2815972 | Deploying | 2 | 5130 | 2.86 | 1.7 | 2.91 | 8.4 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:45 | 73.2817130 | Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:46 | 73.2819444 | Deploying | 2 | 5160 | 2.9 | 1.76 | 2.93 | 8.35 | 2146 | 1598 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 6:46 | 73.2822917 | Deploying | 2 | 5190 | 2.92 | 1.76 | 2.95 | 8.35 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 6:47 | 73.2826389 | Deploying | 2 | 5220 | 2.93 | 1.76 | 2.97 | 8.38 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 6:47 | 73.2829861 | Deploying | 2 | 5250 | 2.92 | 1.76 | 2.98 | 8.35 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:47 | 73.2830440 | Winding down 1533 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:48 | 73.2833333 | Deploying | 2 | 5280 | 2.98 | 1.81 | 3 | 8.38 | 2246 | 1622 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:48 | 73.2836806 | Deploying | 2 | 5310 | 2.99 | 1.81 | 3.02 | 8.35 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 6:49 | 73.2840278 | Deploying | 2 | 5340 | 3 | 1.81 | 3.03 | 8.38 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:49 | 73.2843750 | Deploying | 2 | 5370 | 2.99 | 1.81 | 3.05 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:49 | 73.2845139 | Winding down 1707 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 6:50 | 73.2847222 | Deploying | 2 | 5400 | 3.04 | 1.88 | 3.07 | 8.35 | 2130 | 1602 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:50 | 73.2850694 | Deploying | 2 | 5430 | 3.07 | 1.88 | 3.08 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:51 | 73.2854167 | Deploying | 2 | 5460 | 3.07 | 1.88 | 3.1 | 8.35 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:51 | 73.2857639 | Deploying | 2 | 5490 | 3.07 | 1.88 | 3.12 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 6:51 | 73.2860301 | Winding down 1788 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 6:52 | 73.2861111 | Deploying | 2 | 5520 | 3.08 | 1.95 | 3.14 | 8.33 | 2123 | 1609 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:52 | 73.2864583 | Deploying | 2 | 5550 | 3.15 | 1.95 | 3.15 | 8.37 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:53 | 73.2868056 | Deploying | 2 | 5580 | 3.14 | 1.95 | 3.17 | 8.37 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 6:53 | 73.2871528 | Deploying | 2 | 5610 | 3.15 | 1.95 | 3.19 | 8.35 | 0 | 0 | 0 | -12 | -12 | -11 | -11 |
| 3/13/2016 6:54 | 73.2875000 | Deploying | 2 | 5640 | 3.14 | 1.95 | 3.2 | 8.35 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:54 | 73.2875926 | Winding down 1750 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 6:54 | 73.2878472 | Deploying | 2 | 5670 | 3.2 | 2.01 | 3.22 | 8.37 | 2191 | 1632 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:55 | 73.2881944 | Deploying | 2 | 5700 | 3.22 | 2.01 | 3.24 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:55 | 73.2885417 | Deploying | 2 | 5730 | 3.22 | 2.01 | 3.25 | 8.37 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 6:56 | 73.2888889 | Deploying | 2 | 5760 | 3.22 | 2.01 | 3.27 | 8.33 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:56 | 73.2890625 | Winding down 1650 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 6:56 | 73.2892361 | Deploying | 2 | 5790 | 3.26 | 2.07 | 3.29 | 8.37 | 2262 | 1619 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 6:57 | 73.2895833 | Deploying | 2 | 5820 | 3.29 | 2.07 | 3.31 | 8.37 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:57 | 73.2899306 | Deploying | 2 | 5850 | 3.29 | 2.07 | 3.32 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:58 | 73.2902778 | Deploying | 2 | 5880 | 3.3 | 2.07 | 3.34 | 8.33 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:58 | 73.2906250 | Deploying | 2 | 5910 | 3.29 | 2.07 | 3.36 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 6:58 | 73.2906366 | Winding down 1651 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 6:59 | 73.2909722 | Deploying | 2 | 5940 | 3.36 | 2.14 | 3.37 | 8.35 | 2264 | 1625 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 6:59 | 73.2913194 | Deploying | 2 | 5970 | 3.36 | 2.14 | 3.39 | 8.33 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:00 | 73.2916667 | Deploying | 2 | 6000 | 3.37 | 2.14 | 3.41 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:00 | 73.2920139 | Deploying | 2 | 6030 | 3.36 | 2.14 | 3.42 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:00 | 73.2921412 | Winding down 1818 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 7:01 | 73.2923611 | Deploying | 2 | 6060 | 3.41 | 2.21 | 3.44 | 8.37 | 2139 | 1615 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:01 | 73.2927083 | Deploying | 2 | 6090 | 3.44 | 2.21 | 3.46 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:02 | 73.2930556 | Deploying | 2 | 6120 | 3.44 | 2.21 | 3.48 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:02 | 73.2934028 | Deploying | 2 | 6150 | 3.45 | 2.21 | 3.49 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:03 | 73.2937500 | Deploying | 2 | 6180 | 3.44 | 2.21 | 3.51 | 8.37 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:03 | 73.2937616 | Winding down 1776 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 7:03 | 73.2940972 | Deploying | 2 | 6210 | 3.51 | 2.27 | 3.53 | 8.33 | 2262 | 1614 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:04 | 73.2944444 | Deploying | 2 | 6240 | 3.52 | 2.27 | 3.54 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:04 | 73.2947917 | Deploying | 2 | 6270 | 3.52 | 2.27 | 3.56 | 8.35 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:04 | 73.2951273 | Winding down 1448 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 7:05 | 73.2951389 | Deploying | 2 | 6300 | 3.52 | 2.33 | 3.58 | 8.37 | 2269 | 1617 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:05 | 73.2954861 | Deploying | 2 | 6330 | 3.58 | 2.33 | 3.59 | 8.33 | 2269 | 44 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:06 | 73.2958333 | Deploying | 2 | 6360 | 3.58 | 2.33 | 3.61 | 8.33 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:06 | 73.2961806 | Deploying | 2 | 6390 | 3.59 | 2.33 | 3.63 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:07 | 73.2965278 | Deploying | 2 | 6420 | 3.58 | 2.33 | 3.65 | 8.33 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:07 | 73.2966435 | Winding down 1854 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 7:07 | 73.2968750 | Deploying | 2 | 6450 | 3.63 | 2.4 | 3.66 | 8.33 | 2273 | 1618 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:08 | 73.2972222 | Deploying | 2 | 6480 | 3.67 | 2.4 | 3.68 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:08 | 73.2975694 | Deploying | 2 | 6510 | 3.67 | 2.4 | 3.7 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:09 | 73.2979167 | Deploying | 2 | 6540 | 3.66 | 2.4 | 3.71 | 8.35 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:09 | 73.2980787 | Winding down 1610 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 7:09 | 73.2982639 | Deploying | 2 | 6570 | 3.69 | 2.46 | 3.73 | 8.35 | 2145 | 1616 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:10 | 73.2986111 | Deploying | 2 | 6600 | 3.73 | 2.46 | 3.75 | 8.35 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:10 | 73.2989583 | Deploying | 2 | 6630 | 3.74 | 2.46 | 3.76 | 8.35 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:11 | 73.2993056 | Deploying | 2 | 6660 | 3.73 | 2.46 | 3.78 | 8.37 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:11 | 73.2996181 | Winding down 1695 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 7:11 | 73.2996528 | Deploying | 2 | 6690 | 3.73 | 2.52 | 3.8 | 8.33 | 2268 | 1639 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:12 | 73.3000000 | Deploying | 2 | 6720 | 3.81 | 2.52 | 3.82 | 8.37 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:12 | 73.3003472 | Deploying | 2 | 6750 | 3.81 | 2.52 | 3.83 | 8.33 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:13 | 73.3006944 | Deploying | 2 | 6780 | 3.81 | 2.52 | 3.85 | 8.33 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:13 | 73.3010417 | Deploying | 2 | 6810 | 3.81 | 2.52 | 3.87 | 8.33 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |

| Date/Time | Value | Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 7:13 | 73.3011458 | Winding down 1640 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:14 | 73.3013889 | Deploying | 2 | 6840 | 3.86 | 2.59 | 3.88 | 8.32 | 2257 | 1637 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:14 | 73.3017361 | Deploying | 2 | 6870 | 3.88 | 2.59 | 3.9 | 8.37 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:15 | 73.3020833 | Deploying | 2 | 6900 | 3.88 | 2.59 | 3.92 | 8.33 | 0 | 0 | 0 | -11 | -13 | -11 | -13 |
| 3/13/2016 7:15 | 73.3024306 | Deploying | 2 | 6930 | 3.88 | 2.59 | 3.93 | 8.35 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:15 | 73.3026389 | Winding down 1717 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:16 | 73.3027778 | Deploying | 2 | 6960 | 3.91 | 2.65 | 3.95 | 8.33 | 2246 | 1589 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:16 | 73.3031250 | Deploying | 2 | 6990 | 3.96 | 2.65 | 3.97 | 8.32 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:17 | 73.3034722 | Deploying | 2 | 7020 | 3.96 | 2.65 | 3.99 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:17 | 73.3038194 | Deploying | 2 | 7050 | 3.96 | 2.65 | 4 | 8.35 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:18 | 73.3041667 | Deploying | 2 | 7080 | 3.96 | 2.65 | 4.02 | 8.32 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:18 | 73.3043287 | Winding down 1535 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:18 | 73.3045139 | Deploying | 2 | 7110 | 4 | 2.71 | 4.04 | 8.32 | 2109 | 1595 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:19 | 73.3048611 | Deploying | 2 | 7140 | 4.03 | 2.71 | 4.05 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:19 | 73.3052083 | Deploying | 2 | 7170 | 4.03 | 2.71 | 4.07 | 8.33 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:20 | 73.3055556 | Deploying | 2 | 7200 | 4.02 | 2.71 | 4.09 | 8.32 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:20 | 73.3055787 | Winding down 1740 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:20 | 73.3059028 | Deploying | 2 | 7230 | 4.1 | 2.78 | 4.1 | 8.32 | 2113 | 1585 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:21 | 73.3062500 | Deploying | 2 | 7260 | 4.11 | 2.78 | 4.12 | 8.33 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:21 | 73.3065972 | Deploying | 2 | 7290 | 4.11 | 2.78 | 4.14 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:22 | 73.3069444 | Deploying | 2 | 7320 | 4.1 | 2.78 | 4.16 | 8.32 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:22 | 73.3071412 | Winding down 1403 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:22 | 73.3072917 | Deploying | 2 | 7350 | 4.13 | 2.83 | 4.17 | 8.3 | 2123 | 1591 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:23 | 73.3076389 | Deploying | 2 | 7380 | 4.16 | 2.83 | 4.19 | 8.3 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:23 | 73.3079861 | Deploying | 2 | 7410 | 4.17 | 2.83 | 4.21 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:24 | 73.3083333 | Deploying | 2 | 7440 | 4.17 | 2.83 | 4.22 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:24 | 73.3085301 | Winding down 1703 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:24 | 73.3086806 | Deploying | 2 | 7470 | 4.2 | 2.89 | 4.24 | 8.32 | 2131 | 1598 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:25 | 73.3090278 | Deploying | 2 | 7500 | 4.25 | 2.89 | 4.26 | 8.35 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:25 | 73.3093750 | Deploying | 2 | 7530 | 4.25 | 2.89 | 4.27 | 8.32 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:26 | 73.3097222 | Deploying | 2 | 7560 | 4.25 | 2.89 | 4.29 | 8.32 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:26 | 73.3100694 | Deploying | 2 | 7590 | 4.25 | 2.89 | 4.31 | 8.33 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:26 | 73.3101505 | Winding down 1661 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:27 | 73.3104167 | Deploying | 2 | 7620 | 4.3 | 2.96 | 4.33 | 8.3 | 2125 | 1596 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:27 | 73.3107639 | Deploying | 2 | 7650 | 4.32 | 2.96 | 4.34 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:28 | 73.3111111 | Deploying | 2 | 7680 | 4.32 | 2.96 | 4.36 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:28 | 73.3114583 | Deploying | 2 | 7710 | 4.32 | 2.96 | 4.38 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:28 | 73.3115162 | Winding down 1608 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:29 | 73.3118056 | Deploying | 2 | 7740 | 4.39 | 3.02 | 4.39 | 8.3 | 2127 | 1607 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:29 | 73.3121528 | Deploying | 2 | 7770 | 4.39 | 3.02 | 4.41 | 8.32 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:30 | 73.3125000 | Deploying | 2 | 7800 | 4.4 | 3.02 | 4.43 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:30 | 73.3128472 | Deploying | 2 | 7830 | 4.39 | 3.02 | 4.44 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:30 | 73.3130903 | Winding down 1535 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:31 | 73.3131944 | Deploying | 2 | 7860 | 4.42 | 3.08 | 4.46 | 8.3 | 2254 | 1610 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:31 | 73.3135417 | Deploying | 2 | 7890 | 4.46 | 3.08 | 4.48 | 8.29 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:32 | 73.3138889 | Deploying | 2 | 7920 | 4.46 | 3.08 | 4.5 | 8.32 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:32 | 73.3142361 | Deploying | 2 | 7950 | 4.47 | 3.08 | 4.51 | 8.3 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:32 | 73.3145718 | Winding down 1723 ticks | 3 | | | | | | | | | | | | | |
| 3/13/2016 7:33 | 73.3145833 | Deploying | 2 | 7980 | 4.46 | 3.14 | 4.53 | 8.3 | 2130 | 1597 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:33 | 73.3149306 | Deploying | 2 | 8010 | 4.53 | 3.14 | 4.55 | 8.32 | 2130 | 49 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:34 | 73.3152778 | Deploying | 2 | 8040 | 4.54 | 3.14 | 4.56 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:34 | 73.3156250 | Deploying | 2 | 8070 | 4.54 | 3.14 | 4.58 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:35 | 73.3159722 | Deploying | 2 | 8100 | 4.54 | 3.14 | 4.6 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:35 | 73.3159722 | Winding down 1587 ticks | 3 | | | | | | | | | | | | | |

| Date | Value | Status | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/13/2016 7:35 | 73.3163194 | Deploying | 2 | 8130 | 4.61 | 3.2 | 4.61 | 8.29 | 2257 | 1615 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:36 | 73.3166667 | Deploying | 2 | 8160 | 4.6 | 3.2 | 4.63 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:36 | 73.3170139 | Deploying | 2 | 8190 | 4.61 | 3.2 | 4.65 | 8.29 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:37 | 73.3173611 | Deploying | 2 | 8220 | 4.6 | 3.2 | 4.67 | 8.29 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 7:37 | 73.3173727 | Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:37 | 73.3177083 | Deploying | 2 | 8250 | 4.67 | 3.26 | 4.68 | 8.3 | 2130 | 1612 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:38 | 73.3180556 | Deploying | 2 | 8280 | 4.67 | 3.26 | 4.7 | 8.32 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:38 | 73.3184028 | Deploying | 2 | 8310 | 4.67 | 3.26 | 4.72 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:39 | 73.3187500 | Deploying | 2 | 8340 | 4.67 | 3.26 | 4.73 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:39 | 73.3187847 | Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:39 | 73.3190972 | Deploying | 2 | 8370 | 4.74 | 3.32 | 4.75 | 8.27 | 2231 | 1609 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:40 | 73.3194444 | Deploying | 2 | 8400 | 4.74 | 3.32 | 4.77 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:40 | 73.3197917 | Deploying | 2 | 8430 | 4.75 | 3.32 | 4.78 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:41 | 73.3201389 | Deploying | 2 | 8460 | 4.75 | 3.32 | 4.8 | 8.29 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:41 | 73.3203472 | Winding down 1817 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:41 | 73.3204861 | Deploying | 2 | 8490 | 4.77 | 3.39 | 4.82 | 8.3 | 2239 | 1580 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:42 | 73.3208333 | Deploying | 2 | 8520 | 4.82 | 3.39 | 4.84 | 8.29 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:42 | 73.3211806 | Deploying | 2 | 8550 | 4.83 | 3.39 | 4.85 | 8.3 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:43 | 73.3215278 | Deploying | 2 | 8580 | 4.82 | 3.39 | 4.87 | 8.32 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:43 | 73.3217361 | Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:43 | 73.3218750 | Deploying | 2 | 8610 | 4.85 | 3.45 | 4.89 | 8.3 | 2255 | 1603 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:44 | 73.3222222 | Deploying | 2 | 8640 | 4.89 | 3.45 | 4.9 | 8.29 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:44 | 73.3225694 | Deploying | 2 | 8670 | 4.89 | 3.45 | 4.92 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:45 | 73.3229167 | Deploying | 2 | 8700 | 4.89 | 3.45 | 4.94 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:45 | 73.3231944 | Winding down 1552 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:45 | 73.3232639 | Deploying | 2 | 8730 | 4.9 | 3.51 | 4.95 | 8.3 | 2100 | 1591 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:46 | 73.3236111 | Deploying | 2 | 8760 | 4.96 | 3.51 | 4.97 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:46 | 73.3239583 | Deploying | 2 | 8790 | 4.96 | 3.51 | 4.99 | 8.32 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:47 | 73.3243056 | Deploying | 2 | 8820 | 4.96 | 3.51 | 5.01 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:47 | 73.3246528 | Deploying | 2 | 8850 | 4.95 | 3.51 | 5.02 | 8.3 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:47 | 73.3246644 | Winding down 1726 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:48 | 73.3250000 | Deploying | 2 | 8880 | 5.04 | 3.57 | 5.04 | 8.3 | 2106 | 1583 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:48 | 73.3253472 | Deploying | 2 | 8910 | 5.04 | 3.57 | 5.06 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:49 | 73.3256944 | Deploying | 2 | 8940 | 5.04 | 3.57 | 5.07 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:49 | 73.3260417 | Deploying | 2 | 8970 | 5.04 | 3.57 | 5.09 | 8.32 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:49 | 73.3263194 | Winding down 1677 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:50 | 73.3263889 | Deploying | 2 | 9000 | 5.05 | 3.64 | 5.11 | 8.29 | 2264 | 1633 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:50 | 73.3267361 | Deploying | 2 | 9030 | 5.1 | 3.64 | 5.12 | 8.3 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:51 | 73.3270833 | Deploying | 2 | 9060 | 5.1 | 3.64 | 5.14 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:51 | 73.3274306 | Deploying | 2 | 9090 | 5.11 | 3.64 | 5.16 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:51 | 73.3276620 | Winding down 1795 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:52 | 73.3277778 | Deploying | 2 | 9120 | 5.13 | 3.71 | 5.18 | 8.3 | 2222 | 1619 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:52 | 73.3281250 | Deploying | 2 | 9150 | 5.18 | 3.71 | 5.19 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:53 | 73.3284722 | Deploying | 2 | 9180 | 5.18 | 3.71 | 5.21 | 8.32 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:53 | 73.3288194 | Deploying | 2 | 9210 | 5.19 | 3.71 | 5.23 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:54 | 73.3291667 | Deploying | 2 | 9240 | 5.19 | 3.71 | 5.24 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:54 | 73.3292824 | Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:54 | 73.3295139 | Deploying | 2 | 9270 | 5.23 | 3.77 | 5.26 | 8.29 | 2162 | 1615 | 0 | -11 | -12 | -11 | -11 |
| 3/13/2016 7:55 | 73.3298611 | Deploying | 2 | 9300 | 5.25 | 3.77 | 5.28 | 8.32 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:55 | 73.3302083 | Deploying | 2 | 9330 | 5.25 | 3.77 | 5.29 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:56 | 73.3305556 | Deploying | 2 | 9360 | 5.25 | 3.77 | 5.31 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:56 | 73.3306134 | Winding down 1733 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:56 | 73.3309028 | Deploying | 2 | 9390 | 5.31 | 3.83 | 5.33 | 8.29 | 2243 | 1626 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:57 | 73.3312500 | Deploying | 2 | 9420 | 5.33 | 3.83 | 5.35 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |

| Date/Time | Value | Status | A | B | C | D | E | F | G | H | I | J | K | L | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 7:57 | 73.3315972 | Deploying | 2 | 9450 | 5.32 | 3.83 | 5.36 | 8.27 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 7:58 | 73.3319444 | Deploying | 2 | 9480 | 5.32 | 3.83 | 5.38 | 8.29 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:58 | 73.3320255 | Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 7:58 | 73.3322917 | Deploying | 2 | 9510 | 5.38 | 3.89 | 5.4 | 8.29 | 2143 | 1613 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 7:59 | 73.3326389 | Deploying | 2 | 9540 | 5.39 | 3.89 | 5.41 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 7:59 | 73.3329861 | Deploying | 2 | 9570 | 5.39 | 3.89 | 5.43 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:00 | 73.3333333 | Deploying | 2 | 9600 | 5.39 | 3.89 | 5.45 | 8.29 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:00 | 73.3334838 | Winding down 1646 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:00 | 73.3336806 | Deploying | 2 | 9630 | 5.43 | 3.95 | 5.46 | 8.29 | 2126 | 1600 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:01 | 73.3340278 | Deploying | 2 | 9660 | 5.45 | 3.95 | 5.48 | 8.29 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:01 | 73.3343750 | Deploying | 2 | 9690 | 5.46 | 3.95 | 5.5 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:02 | 73.3347222 | Deploying | 2 | 9720 | 5.46 | 3.95 | 5.52 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:02 | 73.3348264 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:02 | 73.3350694 | Deploying | 2 | 9750 | 5.51 | 4.01 | 5.53 | 8.29 | 2110 | 1602 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:03 | 73.3354167 | Deploying | 2 | 9780 | 5.53 | 4.01 | 5.55 | 8.3 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:03 | 73.3357639 | Deploying | 2 | 9810 | 5.53 | 4.01 | 5.57 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:04 | 73.3361111 | Deploying | 2 | 9840 | 5.53 | 4.01 | 5.58 | 8.29 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:04 | 73.3362847 | Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:04 | 73.3364583 | Deploying | 2 | 9870 | 5.56 | 4.07 | 5.6 | 8.3 | 2111 | 1591 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:05 | 73.3368056 | Deploying | 2 | 9900 | 5.59 | 4.07 | 5.62 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:05 | 73.3371528 | Deploying | 2 | 9930 | 5.59 | 4.07 | 5.63 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:05 | 73.3374884 | Winding down 1498 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:06 | 73.3375000 | Deploying | 2 | 9960 | 5.59 | 4.13 | 5.65 | 8.3 | 2258 | 1636 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:06 | 73.3378472 | Deploying | 2 | 9990 | 5.66 | 4.13 | 5.67 | 8.27 | 2258 | 49 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:07 | 73.3381944 | Deploying | 2 | 10020 | 5.65 | 4.13 | 5.69 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:07 | 73.3385417 | Deploying | 2 | 10050 | 5.66 | 4.13 | 5.7 | 8.29 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:08 | 73.3388889 | Deploying | 2 | 10080 | 5.66 | 4.13 | 5.72 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:08 | 73.3389236 | Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:08 | 73.3392361 | Deploying | 2 | 10110 | 5.72 | 4.19 | 5.74 | 8.27 | 2253 | 1602 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:09 | 73.3395833 | Deploying | 2 | 10140 | 5.72 | 4.19 | 5.75 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:09 | 73.3399306 | Deploying | 2 | 10170 | 5.73 | 4.19 | 5.77 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:10 | 73.3402778 | Deploying | 2 | 10200 | 5.73 | 4.19 | 5.79 | 8.24 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:10 | 73.3403704 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:10 | 73.3406250 | Deploying | 2 | 10230 | 5.78 | 4.25 | 5.8 | 8.3 | 2100 | 1607 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:11 | 73.3409722 | Deploying | 2 | 10260 | 5.79 | 4.25 | 5.82 | 8.29 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:11 | 73.3413194 | Deploying | 2 | 10290 | 5.79 | 4.25 | 5.84 | 8.3 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:11 | 73.3415856 | Winding down 1638 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:12 | 73.3416667 | Deploying | 2 | 10320 | 5.81 | 4.31 | 5.86 | 8.27 | 2111 | 1589 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:12 | 73.3420139 | Deploying | 2 | 10350 | 5.86 | 4.31 | 5.87 | 8.27 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:13 | 73.3423611 | Deploying | 2 | 10380 | 5.87 | 4.31 | 5.89 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:13 | 73.3427083 | Deploying | 2 | 10410 | 5.86 | 4.31 | 5.91 | 8.29 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:14 | 73.3430556 | Deploying | 2 | 10440 | 5.86 | 4.31 | 5.92 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:14 | 73.3431944 | Winding down 1782 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:14 | 73.3434028 | Deploying | 2 | 10470 | 5.91 | 4.38 | 5.94 | 8.3 | 2202 | 1606 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:15 | 73.3437500 | Deploying | 2 | 10500 | 5.94 | 4.38 | 5.96 | 8.29 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:15 | 73.3440972 | Deploying | 2 | 10530 | 5.95 | 4.38 | 5.97 | 8.29 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:16 | 73.3444444 | Deploying | 2 | 10560 | 5.94 | 4.38 | 5.99 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:16 | 73.3446991 | Winding down 1524 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:16 | 73.3447917 | Deploying | 2 | 10590 | 5.96 | 4.44 | 6.01 | 8.29 | 2069 | 1587 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:17 | 73.3451389 | Deploying | 2 | 10620 | 6.01 | 4.44 | 6.03 | 8.25 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:17 | 73.3454861 | Deploying | 2 | 10650 | 6.01 | 4.44 | 6.04 | 8.3 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:18 | 73.3458333 | Deploying | 2 | 10680 | 6.01 | 4.44 | 6.06 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:18 | 73.3460764 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:18 | 73.3461806 | Deploying | 2 | 10710 | 6.03 | 4.5 | 6.08 | 8.29 | 2258 | 1623 | 0 | -12 | -12 | -11 | -12 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:19 | 73.3465278 | Deploying | 2 | 10740 | 6.08 | 4.5 | 6.09 | 8.29 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:19 | 73.3468750 | Deploying | 2 | 10770 | 6.08 | 4.5 | 6.11 | 8.29 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:20 | 73.3472222 | Deploying | 2 | 10800 | 6.08 | 4.5 | 6.13 | 8.27 | 0 | 0 | 0 | -13 | -10 | -11 | -10 |
| 3/13/2016 8:20 | 73.3475694 | Deploying | 2 | 10830 | 6.08 | 4.5 | 6.14 | 8.25 | 0 | 0 | 0 | -13 | -14 | -11 | -14 |
| 3/13/2016 8:20 | 73.3476157 | Winding down 1719 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:21 | 73.3479167 | Deploying | 2 | 10860 | 6.14 | 4.57 | 6.16 | 8.29 | 2194 | 1592 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 8:21 | 73.3482639 | Deploying | 2 | 10890 | 6.16 | 4.57 | 6.18 | 8.29 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:22 | 73.3486111 | Deploying | 2 | 10920 | 6.16 | 4.57 | 6.2 | 8.25 | 0 | 0 | 0 | -13 | -12 | -11 | -12 |
| 3/13/2016 8:22 | 73.3489583 | Deploying | 2 | 10950 | 6.16 | 4.57 | 6.21 | 8.29 | 0 | 0 | 0 | -13 | -10 | -11 | -10 |
| 3/13/2016 8:22 | 73.3490625 | Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:23 | 73.3493056 | Deploying | 2 | 10980 | 6.2 | 4.62 | 6.23 | 8.27 | 2256 | 1620 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 8:23 | 73.3496528 | Deploying | 2 | 11010 | 6.21 | 4.62 | 6.25 | 8.24 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:24 | 73.3500000 | Deploying | 2 | 11040 | 6.21 | 4.62 | 6.26 | 8.24 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 8:24 | 73.3502083 | Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:24 | 73.3503472 | Deploying | 2 | 11070 | 6.24 | 4.68 | 6.28 | 8.24 | 2119 | 1609 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 8:25 | 73.3506944 | Deploying | 2 | 11100 | 6.28 | 4.68 | 6.3 | 8.25 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 8:25 | 73.3510417 | Deploying | 2 | 11130 | 6.3 | 4.68 | 6.31 | 8.25 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 8:26 | 73.3513889 | Deploying | 2 | 11160 | 6.28 | 4.68 | 6.33 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:26 | 73.3516551 | Winding down 1263 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:26 | 73.3517361 | Deploying | 2 | 11190 | 6.31 | 4.73 | 6.35 | 8.27 | 2107 | 1603 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 8:27 | 73.3520833 | Deploying | 2 | 11220 | 6.34 | 4.73 | 6.37 | 8.25 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:27 | 73.3524306 | Deploying | 2 | 11250 | 6.34 | 4.73 | 6.38 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:28 | 73.3527778 | Deploying | 2 | 11280 | 6.34 | 4.73 | 6.4 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:28 | 73.3528472 | Winding down 1722 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:28 | 73.3531250 | Deploying | 2 | 11310 | 6.4 | 4.8 | 6.42 | 8.24 | 2137 | 1598 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:29 | 73.3534722 | Deploying | 2 | 11340 | 6.41 | 4.8 | 6.43 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:29 | 73.3538194 | Deploying | 2 | 11370 | 6.42 | 4.8 | 6.45 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:30 | 73.3541667 | Deploying | 2 | 11400 | 6.41 | 4.8 | 6.47 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:30 | 73.3543056 | Winding down 1807 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:30 | 73.3545139 | Deploying | 2 | 11430 | 6.46 | 4.86 | 6.48 | 8.25 | 2124 | 1615 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:31 | 73.3548611 | Deploying | 2 | 11460 | 6.5 | 4.86 | 6.5 | 8.24 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:31 | 73.3552083 | Deploying | 2 | 11490 | 6.49 | 4.86 | 6.52 | 8.27 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:32 | 73.3555556 | Deploying | 2 | 11520 | 6.49 | 4.86 | 6.54 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:32 | 73.3558912 | Winding down 1548 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:32 | 73.3559028 | Deploying | 2 | 11550 | 6.49 | 4.92 | 6.55 | 8.24 | 2120 | 1589 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:33 | 73.3562500 | Deploying | 2 | 11580 | 6.56 | 4.92 | 6.57 | 8.27 | 2120 | 52 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:33 | 73.3565972 | Deploying | 2 | 11610 | 6.56 | 4.92 | 6.59 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:34 | 73.3569444 | Deploying | 2 | 11640 | 6.56 | 4.92 | 6.6 | 8.24 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:34 | 73.3572569 | Winding down 1745 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:34 | 73.3572917 | Deploying | 2 | 11670 | 6.56 | 4.99 | 6.62 | 8.25 | 2055 | 1587 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:35 | 73.3576389 | Deploying | 2 | 11700 | 6.64 | 4.99 | 6.64 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:35 | 73.3579861 | Deploying | 2 | 11730 | 6.63 | 4.99 | 6.65 | 8.24 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:36 | 73.3583333 | Deploying | 2 | 11760 | 6.63 | 4.99 | 6.67 | 8.27 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:36 | 73.3586806 | Deploying | 2 | 11790 | 6.63 | 4.99 | 6.69 | 8.25 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:36 | 73.3587616 | Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:37 | 73.3590278 | Deploying | 2 | 11820 | 6.68 | 5.05 | 6.71 | 8.25 | 2102 | 1583 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:37 | 73.3593750 | Deploying | 2 | 11850 | 6.7 | 5.05 | 6.72 | 8.25 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:38 | 73.3597222 | Deploying | 2 | 11880 | 6.7 | 5.05 | 6.74 | 8.25 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:38 | 73.3600694 | Deploying | 2 | 11910 | 6.7 | 5.05 | 6.76 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:38 | 73.3602083 | Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:39 | 73.3604167 | Deploying | 2 | 11940 | 6.74 | 5.11 | 6.77 | 8.25 | 2114 | 1597 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:39 | 73.3607639 | Deploying | 2 | 11970 | 6.77 | 5.11 | 6.79 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:40 | 73.3611111 | Deploying | 2 | 12000 | 6.78 | 5.11 | 6.81 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:40 | 73.3614583 | Deploying | 2 | 12030 | 6.77 | 5.11 | 6.82 | 8.25 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |

| Date/Time | Value | Status | 2 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 8:40 | 73.3616088 | Winding down 1671 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:41 | 73.3618056 | Deploying | 2 | 12060 | 6.81 | 5.17 | 6.84 | 8.27 | 2172 | 1606 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:41 | 73.3621528 | Deploying | 2 | 12090 | 6.84 | 5.17 | 6.86 | 8.24 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:42 | 73.3625000 | Deploying | 2 | 12120 | 6.84 | 5.17 | 6.88 | 8.24 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:42 | 73.3628472 | Deploying | 2 | 12150 | 6.84 | 5.17 | 6.89 | 8.24 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:42 | 73.3629282 | Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:43 | 73.3631944 | Deploying | 2 | 12180 | 6.88 | 5.23 | 6.91 | 8.25 | 2060 | 1602 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:43 | 73.3635417 | Deploying | 2 | 12210 | 6.9 | 5.23 | 6.93 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:44 | 73.3638889 | Deploying | 2 | 12240 | 6.91 | 5.23 | 6.94 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:44 | 73.3642361 | Deploying | 2 | 12270 | 6.92 | 5.23 | 6.96 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:44 | 73.3645602 | Winding down 1909 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:45 | 73.3645833 | Deploying | 2 | 12300 | 6.9 | 5.3 | 6.98 | 8.19 | 2266 | 1605 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:45 | 73.3649306 | Deploying | 2 | 12330 | 6.98 | 5.3 | 6.99 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:46 | 73.3652778 | Deploying | 2 | 12360 | 6.98 | 5.3 | 7.01 | 8.25 | 0 | 0 | 0 | -11 | -12 | -11 | -11 |
| 3/13/2016 8:46 | 73.3656250 | Deploying | 2 | 12390 | 6.99 | 5.3 | 7.03 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:47 | 73.3659722 | Deploying | 2 | 12420 | 6.99 | 5.3 | 7.05 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:47 | 73.3659838 | Winding down 1526 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:47 | 73.3663194 | Deploying | 2 | 12450 | 7.05 | 5.36 | 7.06 | 8.25 | 2072 | 1597 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 8:48 | 73.3666667 | Deploying | 2 | 12480 | 7.05 | 5.36 | 7.08 | 8.24 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 8:48 | 73.3670139 | Deploying | 2 | 12510 | 7.05 | 5.36 | 7.1 | 8.25 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:48 | 73.3673495 | Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:49 | 73.3673611 | Deploying | 2 | 12540 | 7.05 | 5.42 | 7.11 | 8.25 | 2258 | 1624 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:49 | 73.3677083 | Deploying | 2 | 12570 | 7.12 | 5.42 | 7.13 | 8.24 | 2258 | 46 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:50 | 73.3680556 | Deploying | 2 | 12600 | 7.12 | 5.42 | 7.15 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:50 | 73.3684028 | Deploying | 2 | 12630 | 7.12 | 5.42 | 7.16 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:50 | 73.3687384 | Winding down 1698 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:51 | 73.3687500 | Deploying | 2 | 12660 | 7.12 | 5.49 | 7.18 | 8.25 | 2108 | 1603 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:51 | 73.3690972 | Deploying | 2 | 12690 | 7.19 | 5.49 | 7.2 | 8.22 | 2108 | 47 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:52 | 73.3694444 | Deploying | 2 | 12720 | 7.19 | 5.49 | 7.22 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:52 | 73.3697917 | Deploying | 2 | 12750 | 7.19 | 5.49 | 7.23 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:52 | 73.3700810 | Winding down 1541 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:53 | 73.3701389 | Deploying | 2 | 12780 | 7.2 | 5.54 | 7.25 | 8.25 | 2101 | 1596 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:53 | 73.3704861 | Deploying | 2 | 12810 | 7.26 | 5.54 | 7.27 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:54 | 73.3708333 | Deploying | 2 | 12840 | 7.25 | 5.54 | 7.28 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:54 | 73.3711806 | Deploying | 2 | 12870 | 7.25 | 5.54 | 7.3 | 8.22 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:54 | 73.3714120 | Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:55 | 73.3715278 | Deploying | 2 | 12900 | 7.27 | 5.6 | 7.32 | 8.24 | 2145 | 1615 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 8:55 | 73.3718750 | Deploying | 2 | 12930 | 7.32 | 5.6 | 7.33 | 8.22 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:56 | 73.3722222 | Deploying | 2 | 12960 | 7.32 | 5.6 | 7.35 | 8.27 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:56 | 73.3725694 | Deploying | 2 | 12990 | 7.31 | 5.6 | 7.37 | 8.22 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:56 | 73.3726852 | Winding down 1654 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:57 | 73.3729167 | Deploying | 2 | 13020 | 7.37 | 5.67 | 7.39 | 8.25 | 2262 | 1630 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:57 | 73.3732639 | Deploying | 2 | 13050 | 7.39 | 5.67 | 7.4 | 8.24 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:58 | 73.3736111 | Deploying | 2 | 13080 | 7.39 | 5.67 | 7.42 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:58 | 73.3739583 | Deploying | 2 | 13110 | 7.39 | 5.67 | 7.44 | 8.22 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 8:59 | 73.3743056 | Deploying | 2 | 13140 | 7.4 | 5.67 | 7.45 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 8:59 | 73.3743750 | Winding down 1672 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 8:59 | 73.3746528 | Deploying | 2 | 13170 | 7.44 | 5.73 | 7.47 | 8.21 | 2117 | 1616 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:00 | 73.3750000 | Deploying | 2 | 13200 | 7.45 | 5.73 | 7.49 | 8.24 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:00 | 73.3753472 | Deploying | 2 | 13230 | 7.46 | 5.73 | 7.5 | 8.22 | 0 | 0 | 0 | -12 | -12 | -11 | -12 |
| 3/13/2016 9:00 | 73.3755671 | Winding down 1381 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:01 | 73.3756944 | Deploying | 2 | 13260 | 7.48 | 5.78 | 7.52 | 8.24 | 2090 | 1586 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:01 | 73.3760417 | Deploying | 2 | 13290 | 7.52 | 5.78 | 7.54 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:02 | 73.3763889 | Deploying | 2 | 13320 | 7.52 | 5.78 | 7.56 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:02 | 73.3767361 Deploying | 2 | 13350 | 7.33 | 5.78 | 7.57 | 8.24 | 0 | 0 | 0 | -12 | -13 | -12 | -13 |
| 3/13/2016 9:02 | 73.3768171 Winding down 8911 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:03 | 73.3770833 Deploying | 2 | 13380 | 7.38 | 6.12 | 7.59 | 8.22 | 2258 | 1617 | 0 | -18 | -15 | -15 | -15 |
| 3/13/2016 9:03 | 73.3774306 Deploying | 2 | 13410 | 7.9 | 6.12 | 7.61 | 8.19 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:04 | 73.3777778 Deploying | 2 | 13440 | 7.9 | 6.12 | 7.62 | 8.19 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:04 | 73.3781250 Deploying | 2 | 13470 | 7.9 | 6.12 | 7.64 | 8.22 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 9:05 | 73.3784722 Deploying | 2 | 13500 | 7.9 | 6.12 | 7.66 | 8.24 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 9:05 | 73.3788194 Deploying | 2 | 13530 | 7.9 | 6.12 | 7.67 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:06 | 73.3791667 Deploying | 2 | 13560 | 7.9 | 6.12 | 7.69 | 8.24 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 9:06 | 73.3795139 Deploying | 2 | 13590 | 7.9 | 6.12 | 7.71 | 8.24 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:07 | 73.3798611 Deploying | 2 | 13620 | 7.89 | 6.12 | 7.73 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:07 | 73.3802083 Deploying | 2 | 13650 | 7.89 | 6.12 | 7.74 | 8.24 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:08 | 73.3805556 Deploying | 2 | 13680 | 7.9 | 6.12 | 7.76 | 8.21 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 9:08 | 73.3809028 Deploying | 2 | 13710 | 7.9 | 6.12 | 7.78 | 8.25 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:09 | 73.3812500 Deploying | 2 | 13740 | 7.9 | 6.12 | 7.79 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:09 | 73.3815972 Deploying | 2 | 13770 | 7.9 | 6.12 | 7.81 | 8.21 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:10 | 73.3819444 Deploying | 2 | 13800 | 7.9 | 6.12 | 7.83 | 8.21 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 9:10 | 73.3822917 Deploying | 2 | 13830 | 7.9 | 6.12 | 7.84 | 8.22 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:11 | 73.3826389 Deploying | 2 | 13860 | 7.9 | 6.12 | 7.86 | 8.22 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 9:11 | 73.3829861 Deploying | 2 | 13890 | 7.9 | 6.12 | 7.88 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:12 | 73.3833333 Deploying | 2 | 13920 | 7.9 | 6.12 | 7.9 | 8.19 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 9:12 | 73.3836806 Deploying | 2 | 13950 | 7.9 | 6.12 | 7.91 | 8.22 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 9:13 | 73.3840278 Deploying | 2 | 13980 | 7.9 | 6.12 | 7.93 | 8.22 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 9:13 | 73.3843750 Deploying | 2 | 14010 | 7.9 | 6.12 | 7.95 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:13 | 73.3845486 Winding down 1375 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:14 | 73.3847222 Deploying | 2 | 14040 | 7.93 | 6.18 | 7.96 | 8.24 | 2262 | 1627 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:14 | 73.3850694 Deploying | 2 | 14070 | 7.96 | 6.18 | 7.98 | 8.24 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:15 | 73.3854167 Deploying | 2 | 14100 | 7.96 | 6.18 | 8 | 8.24 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:15 | 73.3857639 Deploying | 2 | 14130 | 7.97 | 6.18 | 8.01 | 8.24 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 9:16 | 73.3861111 Deploying | 2 | 14160 | 7.96 | 6.18 | 8.03 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:16 | 73.3861458 Winding down 1905 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:16 | 73.3864583 Deploying | 2 | 14190 | 8.03 | 6.25 | 8.05 | 8.19 | 2248 | 1634 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 9:17 | 73.3868056 Deploying | 2 | 14220 | 8.05 | 6.25 | 8.07 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:17 | 73.3871528 Deploying | 2 | 14250 | 8.04 | 6.25 | 8.08 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:18 | 73.3875000 Deploying | 2 | 14280 | 8.04 | 6.25 | 8.1 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:18 | 73.3876736 Winding down 1800 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:18 | 73.3878472 Deploying | 2 | 14310 | 8.08 | 6.32 | 8.12 | 8.21 | 2257 | 1628 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:19 | 73.3881944 Deploying | 2 | 14340 | 8.12 | 6.32 | 8.13 | 8.22 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:19 | 73.3885417 Deploying | 2 | 14370 | 8.12 | 6.32 | 8.15 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:20 | 73.3888889 Deploying | 2 | 14400 | 8.12 | 6.32 | 8.17 | 8.22 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:20 | 73.3892245 Winding down 1548 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:20 | 73.3892361 Deploying | 2 | 14430 | 8.12 | 6.38 | 8.18 | 8.21 | 2265 | 1631 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:21 | 73.3895833 Deploying | 2 | 14460 | 8.2 | 6.38 | 8.2 | 8.21 | 2265 | 46 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:21 | 73.3899306 Deploying | 2 | 14490 | 8.19 | 6.38 | 8.22 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:22 | 73.3902778 Deploying | 2 | 14520 | 8.19 | 6.38 | 8.24 | 8.21 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 9:22 | 73.3906019 Winding down 1659 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:22 | 73.3906250 Deploying | 2 | 14550 | 8.19 | 6.44 | 8.25 | 8.17 | 2262 | 1637 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:23 | 73.3909722 Deploying | 2 | 14580 | 8.26 | 6.44 | 8.27 | 8.22 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:23 | 73.3913194 Deploying | 2 | 14610 | 8.26 | 6.44 | 8.29 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:24 | 73.3916667 Deploying | 2 | 14640 | 8.25 | 6.44 | 8.3 | 8.19 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 9:24 | 73.3918981 Winding down 1295 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 9:24 | 73.3920139 Deploying | 2 | 14670 | 8.28 | 6.49 | 8.32 | 8.19 | 2262 | 1629 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:25 | 73.3923611 Deploying | 2 | 14700 | 8.33 | 6.49 | 8.34 | 8.21 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:25 | 73.3927083 Deploying | 2 | 14730 | 8.31 | 6.49 | 8.35 | 8.24 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:26 | 73.3930556 Deploying | 2 | 14760 | 8.31 | 6.49 | 8.37 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:26 | 73.3930903 Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:26 | 73.3934028 Deploying | 2 | 14790 | 8.38 | 6.55 | 8.39 | 8.21 | 2204 | 1635 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:27 | 73.3937500 Deploying | 2 | 14820 | 8.38 | 6.55 | 8.41 | 8.19 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 9:27 | 73.3940972 Deploying | 2 | 14850 | 8.38 | 6.55 | 8.42 | 8.22 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 9:27 | 73.3943981 Winding down 1780 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:28 | 73.3944444 Deploying | 2 | 14880 | 8.37 | 6.61 | 8.44 | 8.22 | 2114 | 1621 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 9:28 | 73.3947917 Deploying | 2 | 14910 | 8.46 | 6.61 | 8.46 | 8.19 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:29 | 73.3951389 Deploying | 2 | 14940 | 8.46 | 6.61 | 8.47 | 8.24 | 0 | 0 | 0 | -12 | -11 | -10 | -11 |
| 3/13/2016 9:29 | 73.3954861 Deploying | 2 | 14970 | 8.46 | 6.61 | 8.49 | 8.24 | 0 | 0 | 0 | -11 | -12 | -10 | -12 |
| 3/13/2016 9:30 | 73.3958333 Deploying | 2 | 15000 | 8.45 | 6.61 | 8.51 | 8.21 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 9:30 | 73.3959491 Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:30 | 73.3961806 Deploying | 2 | 15030 | 8.5 | 6.67 | 8.52 | 8.22 | 2123 | 1613 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:31 | 73.3965278 Deploying | 2 | 15060 | 8.52 | 6.67 | 8.54 | 8.22 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 9:31 | 73.3968750 Deploying | 2 | 15090 | 8.52 | 6.67 | 8.56 | 8.21 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:32 | 73.3972222 Deploying | 2 | 15120 | 8.52 | 6.67 | 8.58 | 8.21 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:32 | 73.3975000 Winding down 1552 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:32 | 73.3975694 Deploying | 2 | 15150 | 8.54 | 6.73 | 8.59 | 8.19 | 2266 | 1589 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 9:33 | 73.3979167 Deploying | 2 | 15180 | 8.59 | 6.73 | 8.61 | 8.22 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:33 | 73.3982639 Deploying | 2 | 15210 | 8.59 | 6.73 | 8.63 | 8.21 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 9:34 | 73.3986111 Deploying | 2 | 15240 | 8.6 | 6.73 | 8.64 | 8.21 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:34 | 73.3988889 Winding down 1627 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:34 | 73.3989583 Deploying | 2 | 15270 | 8.61 | 6.8 | 8.66 | 8.19 | 2259 | 1619 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 9:35 | 73.3993056 Deploying | 2 | 15300 | 8.66 | 6.8 | 8.68 | 8.21 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:35 | 73.3996528 Deploying | 2 | 15330 | 8.67 | 6.8 | 8.69 | 8.22 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:36 | 73.4000000 Deploying | 2 | 15360 | 8.66 | 6.8 | 8.71 | 8.22 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:36 | 73.4002778 Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:36 | 73.4003472 Deploying | 2 | 15390 | 8.67 | 6.86 | 8.73 | 8.21 | 2238 | 1608 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 9:37 | 73.4006944 Deploying | 2 | 15420 | 8.73 | 6.86 | 8.75 | 8.24 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 9:37 | 73.4010417 Deploying | 2 | 15450 | 8.74 | 6.86 | 8.76 | 8.22 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 9:38 | 73.4013889 Deploying | 2 | 15480 | 8.74 | 6.86 | 8.78 | 8.21 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 9:38 | 73.4017361 Deploying | 2 | 15510 | 8.74 | 6.86 | 8.8 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:38 | 73.4017593 Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:39 | 73.4020833 Deploying | 2 | 15540 | 8.79 | 6.91 | 8.81 | 8.21 | 2255 | 1626 | 0 | -13 | -10 | -11 | -10 |
| 3/13/2016 9:39 | 73.4024306 Deploying | 2 | 15570 | 8.8 | 6.91 | 8.83 | 8.19 | 0 | 0 | 0 | -10 | -12 | -10 | -12 |
| 3/13/2016 9:40 | 73.4027778 Deploying | 2 | 15600 | 8.8 | 6.91 | 8.85 | 8.17 | 0 | 0 | 0 | -13 | -9 | -10 | -9 |
| 3/13/2016 9:40 | 73.4031250 Deploying | 2 | 15630 | 8.81 | 6.91 | 8.86 | 8.21 | 0 | 0 | 0 | -12 | -14 | -10 | -14 |
| 3/13/2016 9:40 | 73.4031481 Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:41 | 73.4034722 Deploying | 2 | 15660 | 8.86 | 6.97 | 8.88 | 8.17 | 2108 | 1613 | 0 | -9 | -11 | -10 | -11 |
| 3/13/2016 9:41 | 73.4038194 Deploying | 2 | 15690 | 8.86 | 6.97 | 8.9 | 8.19 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 9:42 | 73.4041667 Deploying | 2 | 15720 | 8.86 | 6.97 | 8.92 | 8.17 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:42 | 73.4043403 Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:42 | 73.4045139 Deploying | 2 | 15750 | 8.9 | 7.03 | 8.93 | 8.19 | 2129 | 1613 | 0 | -13 | -10 | -11 | -10 |
| 3/13/2016 9:43 | 73.4048611 Deploying | 2 | 15780 | 8.93 | 7.03 | 8.95 | 8.19 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:43 | 73.4052083 Deploying | 2 | 15810 | 8.93 | 7.03 | 8.97 | 8.17 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 9:44 | 73.4055556 Deploying | 2 | 15840 | 8.93 | 7.03 | 8.98 | 8.19 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 9:44 | 73.4057755 Winding down 1781 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:44 | 73.4059028 Deploying | 2 | 15870 | 8.95 | 7.1 | 9 | 8.17 | 2132 | 1602 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:45 | 73.4062500 Deploying | 2 | 15900 | 9 | 7.1 | 9.02 | 8.17 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 9:45 | 73.4065972 Deploying | 2 | 15930 | 9 | 7.1 | 9.03 | 8.19 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 9:46 | 73.4069444 Deploying | 2 | 15960 | 9 | 7.1 | 9.05 | 8.17 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:46 | 73.4071644 Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 9:46 | 73.4072917 Deploying | 2 | 15990 | 9.03 | 7.16 | 9.07 | 8.21 | 2188 | 1613 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:47 | 73.4076389 Deploying | 2 | 16020 | 9.08 | 7.16 | 9.09 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 9:47 | 73.4079861 Deploying | | 2 | 16050 | 9.07 | 7.16 | 9.1 | 8.21 | 0 | 0 | 0 | -13 | -10 | -11 | -10 |
| 3/13/2016 9:48 | 73.4083333 Deploying | | 2 | 16080 | 9.08 | 7.16 | 9.12 | 8.17 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:48 | 73.4086806 Deploying | | 2 | 16110 | 9.07 | 7.16 | 9.14 | 8.21 | 0 | 0 | 0 | -13 | -10 | -10 | -10 |
| 3/13/2016 9:48 | 73.4086921 Winding down 1676 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 9:49 | 73.4090278 Deploying | | 2 | 16140 | 9.14 | 7.22 | 9.15 | 8.19 | 2082 | 1585 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:49 | 73.4093750 Deploying | | 2 | 16170 | 9.15 | 7.22 | 9.17 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:50 | 73.4097222 Deploying | | 2 | 16200 | 9.14 | 7.22 | 9.19 | 8.17 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:50 | 73.4100579 Winding down 1673 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 9:50 | 73.4100694 Deploying | | 2 | 16230 | 9.14 | 7.29 | 9.2 | 8.17 | 2087 | 1577 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 9:51 | 73.4104167 Deploying | | 2 | 16260 | 9.21 | 7.29 | 9.22 | 8.17 | 2087 | 39 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:51 | 73.4107639 Deploying | | 2 | 16290 | 9.21 | 7.29 | 9.24 | 8.19 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 9:52 | 73.4111111 Deploying | | 2 | 16320 | 9.21 | 7.29 | 9.26 | 8.17 | 0 | 0 | 0 | -12 | -9 | -11 | -9 |
| 3/13/2016 9:52 | 73.4114583 Deploying | | 2 | 16350 | 9.21 | 7.29 | 9.27 | 8.16 | 0 | 0 | 0 | -11 | -12 | -10 | -12 |
| 3/13/2016 9:52 | 73.4114699 Winding down 1601 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 9:53 | 73.4118056 Deploying | | 2 | 16380 | 9.28 | 7.35 | 9.29 | 8.19 | 2235 | 1606 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:53 | 73.4121528 Deploying | | 2 | 16410 | 9.28 | 7.35 | 9.31 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:54 | 73.4125000 Deploying | | 2 | 16440 | 9.28 | 7.35 | 9.32 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:54 | 73.4128472 Deploying | | 2 | 16470 | 9.29 | 7.35 | 9.34 | 8.17 | 0 | 0 | 0 | -10 | -13 | -11 | -13 |
| 3/13/2016 9:54 | 73.4129630 Winding down 1554 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 9:55 | 73.4131944 Deploying | | 2 | 16500 | 9.32 | 7.41 | 9.36 | 8.19 | 2051 | 1578 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:55 | 73.4135417 Deploying | | 2 | 16530 | 9.34 | 7.41 | 9.37 | 8.21 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 9:56 | 73.4138889 Deploying | | 2 | 16560 | 9.35 | 7.41 | 9.39 | 8.17 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:56 | 73.4141782 Winding down 1666 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 9:56 | 73.4142361 Deploying | | 2 | 16590 | 9.35 | 7.47 | 9.41 | 8.19 | 2238 | 1584 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 9:57 | 73.4145833 Deploying | | 2 | 16620 | 9.42 | 7.47 | 9.43 | 8.22 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:57 | 73.4149306 Deploying | | 2 | 16650 | 9.42 | 7.47 | 9.44 | 8.22 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:58 | 73.4152778 Deploying | | 2 | 16680 | 9.42 | 7.47 | 9.46 | 8.17 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 9:58 | 73.4156250 Deploying | | 2 | 16710 | 9.42 | 7.47 | 9.48 | 8.17 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:58 | 73.4157986 Winding down 1725 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 9:59 | 73.4159722 Deploying | | 2 | 16740 | 9.45 | 7.54 | 9.49 | 8.21 | 2117 | 1604 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 9:59 | 73.4163194 Deploying | | 2 | 16770 | 9.49 | 7.54 | 9.51 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:00 | 73.4166667 Deploying | | 2 | 16800 | 9.48 | 7.54 | 9.53 | 8.17 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 10:00 | 73.4169792 Winding down 1445 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 10:00 | 73.4170139 Deploying | | 2 | 16830 | 9.5 | 7.59 | 9.54 | 8.19 | 2248 | 1601 | 0 | -12 | -11 | -10 | -11 |
| 3/13/2016 10:01 | 73.4173611 Deploying | | 2 | 16860 | 9.55 | 7.59 | 9.56 | 8.17 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 10:01 | 73.4177083 Deploying | | 2 | 16890 | 9.56 | 7.59 | 9.58 | 8.21 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:02 | 73.4180556 Deploying | | 2 | 16920 | 9.55 | 7.59 | 9.6 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:02 | 73.4184028 Deploying | | 2 | 16950 | 9.56 | 7.59 | 9.61 | 8.19 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:02 | 73.4186227 Winding down 1806 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 10:03 | 73.4187500 Deploying | | 2 | 16980 | 9.58 | 7.66 | 9.63 | 8.21 | 2110 | 1574 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:03 | 73.4190972 Deploying | | 2 | 17010 | 9.63 | 7.66 | 9.65 | 8.19 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 10:04 | 73.4194444 Deploying | | 2 | 17040 | 9.63 | 7.66 | 9.66 | 8.16 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:04 | 73.4197917 Deploying | | 2 | 17070 | 9.63 | 7.66 | 9.68 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:04 | 73.4198264 Winding down 1405 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 10:05 | 73.4201389 Deploying | | 2 | 17100 | 9.68 | 7.72 | 9.7 | 8.21 | 2203 | 1602 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:05 | 73.4204861 Deploying | | 2 | 17130 | 9.69 | 7.72 | 9.71 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:06 | 73.4208333 Deploying | | 2 | 17160 | 9.69 | 7.72 | 9.73 | 8.17 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:06 | 73.4211806 Deploying | | 2 | 17190 | 9.69 | 7.72 | 9.75 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:06 | 73.4213542 Winding down 1725 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 10:07 | 73.4215278 Deploying | | 2 | 17220 | 9.72 | 7.78 | 9.77 | 8.21 | 2232 | 1593 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:07 | 73.4218750 Deploying | | 2 | 17250 | 9.75 | 7.78 | 9.78 | 8.21 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 10:08 | 73.4222222 Deploying | | 2 | 17280 | 9.76 | 7.78 | 9.8 | 8.21 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:08 | 73.4225694 Deploying | | 2 | 17310 | 9.76 | 7.78 | 9.82 | 8.21 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:08 | 73.4227662 Winding down 1703 ticks | | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:09 | 73.4229167 | Deploying | 2 | 17340 | 9.79 | 7.85 | 9.83 | 8.17 | 2256 | 1612 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:09 | 73.4232639 | Deploying | 2 | 17370 | 9.83 | 7.85 | 9.85 | 8.21 | 0 | 0 | 0 | -13 | -9 | -11 | -9 |
| 3/13/2016 10:10 | 73.4236111 | Deploying | 2 | 17400 | 9.83 | 7.85 | 9.87 | 8.17 | 0 | 0 | 0 | -13 | -10 | -11 | -10 |
| 3/13/2016 10:10 | 73.4239583 | Deploying | 2 | 17430 | 9.83 | 7.85 | 9.88 | 8.17 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:10 | 73.4241435 | Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:11 | 73.4243056 | Deploying | 2 | 17460 | 9.87 | 7.91 | 9.9 | 8.16 | 2225 | 1597 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:11 | 73.4246528 | Deploying | 2 | 17490 | 9.9 | 7.91 | 9.92 | 8.19 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:12 | 73.4250000 | Deploying | 2 | 17520 | 9.9 | 7.91 | 9.94 | 8.17 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 10:12 | 73.4253472 | Deploying | 2 | 17550 | 9.91 | 7.91 | 9.95 | 8.16 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 10:13 | 73.4256944 | Deploying | 2 | 17580 | 9.9 | 7.91 | 9.97 | 8.17 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 10:13 | 73.4257060 | Winding down 1801 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:13 | 73.4260417 | Deploying | 2 | 17610 | 9.97 | 7.98 | 9.99 | 8.19 | 2242 | 1614 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:14 | 73.4263889 | Deploying | 2 | 17640 | 9.98 | 7.98 | 10 | 8.16 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 10:14 | 73.4267361 | Deploying | 2 | 17670 | 9.98 | 7.98 | 10.02 | 8.16 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:14 | 73.4270139 | Winding down 1377 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:15 | 73.4270833 | Deploying | 2 | 17700 | 9.99 | 8.03 | 10.04 | 8.19 | 2246 | 1607 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 10:15 | 73.4274306 | Deploying | 2 | 17730 | 10.03 | 8.03 | 10.05 | 8.16 | 0 | 0 | 0 | -13 | -11 | -11 | -11 |
| 3/13/2016 10:16 | 73.4277778 | Deploying | 2 | 17760 | 10.04 | 8.03 | 10.07 | 8.17 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 10:16 | 73.4281250 | Deploying | 2 | 17790 | 10.03 | 8.03 | 10.09 | 8.16 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:16 | 73.4283565 | Winding down 1745 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:17 | 73.4284722 | Deploying | 2 | 17820 | 10.05 | 8.1 | 10.11 | 8.17 | 2138 | 1614 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:17 | 73.4288194 | Deploying | 2 | 17850 | 10.1 | 8.1 | 10.12 | 8.17 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 10:18 | 73.4291667 | Deploying | 2 | 17880 | 10.11 | 8.1 | 10.14 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:18 | 73.4295139 | Deploying | 2 | 17910 | 10.11 | 8.1 | 10.16 | 8.16 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:18 | 73.4298148 | Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:19 | 73.4298611 | Deploying | 2 | 17940 | 10.12 | 8.16 | 10.17 | 8.17 | 2105 | 1596 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 10:19 | 73.4302083 | Deploying | 2 | 17970 | 10.17 | 8.16 | 10.19 | 8.19 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 10:20 | 73.4305556 | Deploying | 2 | 18000 | 10.17 | 8.16 | 10.21 | 8.19 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:20 | 73.4309028 | Deploying | 2 | 18030 | 10.17 | 8.16 | 10.22 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:20 | 73.4311343 | Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:21 | 73.4312500 | Deploying | 2 | 18060 | 10.19 | 8.22 | 10.24 | 8.11 | 2219 | 1581 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:21 | 73.4315972 | Deploying | 2 | 18090 | 10.24 | 8.22 | 10.26 | 8.17 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 10:22 | 73.4319444 | Deploying | 2 | 18120 | 10.24 | 8.22 | 10.28 | 8.17 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 10:22 | 73.4322917 | Deploying | 2 | 18150 | 10.24 | 8.22 | 10.29 | 8.17 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:22 | 73.4325116 | Winding down 1731 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:23 | 73.4326389 | Deploying | 2 | 18180 | 10.26 | 8.29 | 10.31 | 8.19 | 2105 | 1609 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:23 | 73.4329861 | Deploying | 2 | 18210 | 10.31 | 8.29 | 10.33 | 8.14 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:24 | 73.4333333 | Deploying | 2 | 18240 | 10.31 | 8.29 | 10.34 | 8.14 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 10:24 | 73.4336806 | Deploying | 2 | 18270 | 10.31 | 8.29 | 10.36 | 8.16 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:24 | 73.4339005 | Winding down 1506 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:25 | 73.4340278 | Deploying | 2 | 18300 | 10.34 | 8.34 | 10.38 | 8.17 | 2100 | 1580 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:25 | 73.4343750 | Deploying | 2 | 18330 | 10.38 | 8.34 | 10.39 | 8.17 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:26 | 73.4347222 | Deploying | 2 | 18360 | 10.38 | 8.34 | 10.41 | 8.19 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:26 | 73.4350694 | Deploying | 2 | 18390 | 10.38 | 8.34 | 10.43 | 8.17 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:26 | 73.4352546 | Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:27 | 73.4354167 | Deploying | 2 | 18420 | 10.41 | 8.4 | 10.45 | 8.19 | 2207 | 1615 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:27 | 73.4357639 | Deploying | 2 | 18450 | 10.44 | 8.4 | 10.46 | 8.17 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:28 | 73.4361111 | Deploying | 2 | 18480 | 10.44 | 8.4 | 10.48 | 8.16 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:28 | 73.4364583 | Deploying | 2 | 18510 | 10.44 | 8.4 | 10.5 | 8.14 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:28 | 73.4365162 | Winding down 1458 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:29 | 73.4368056 | Deploying | 2 | 18540 | 10.49 | 8.46 | 10.51 | 8.17 | 2213 | 1588 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 10:29 | 73.4371528 | Deploying | 2 | 18570 | 10.51 | 8.46 | 10.53 | 8.16 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 10:30 | 73.4375000 | Deploying | 2 | 18600 | 10.5 | 8.46 | 10.55 | 8.14 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:30 | 73.4378472 | Deploying | 2 | 18630 | 10.51 | 8.46 | 10.56 | 8.16 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:30 | 73.4379861 | Winding down 1782 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:31 | 73.4381944 | Deploying | 2 | 18660 | 10.55 | 8.53 | 10.58 | 8.16 | 2101 | 1603 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:31 | 73.4385417 | Deploying | 2 | 18690 | 10.58 | 8.53 | 10.6 | 8.13 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:32 | 73.4388889 | Deploying | 2 | 18720 | 10.58 | 8.53 | 10.62 | 8.14 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:32 | 73.4392361 | Deploying | 2 | 18750 | 10.58 | 8.53 | 10.63 | 8.13 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:32 | 73.4392824 | Winding down 1419 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:33 | 73.4395833 | Deploying | 2 | 18780 | 10.63 | 8.58 | 10.65 | 8.16 | 2118 | 1593 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:33 | 73.4399306 | Deploying | 2 | 18810 | 10.65 | 8.58 | 10.67 | 8.14 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 10:34 | 73.4402778 | Deploying | 2 | 18840 | 10.64 | 8.58 | 10.68 | 8.16 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 10:34 | 73.4406250 | Deploying | 2 | 18870 | 10.64 | 8.58 | 10.7 | 8.16 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:34 | 73.4407755 | Winding down 1746 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:35 | 73.4409722 | Deploying | 2 | 18900 | 10.68 | 8.65 | 10.72 | 8.16 | 2125 | 1597 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:35 | 73.4413194 | Deploying | 2 | 18930 | 10.71 | 8.65 | 10.73 | 8.14 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:36 | 73.4416667 | Deploying | 2 | 18960 | 10.71 | 8.65 | 10.75 | 8.11 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 10:36 | 73.4420139 | Deploying | 2 | 18990 | 10.72 | 8.65 | 10.77 | 8.14 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:36 | 73.4422801 | Winding down 1763 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:37 | 73.4423611 | Deploying | 2 | 19020 | 10.73 | 8.72 | 10.79 | 8.14 | 2209 | 1588 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:37 | 73.4427083 | Deploying | 2 | 19050 | 10.79 | 8.72 | 10.8 | 8.14 | 0 | 0 | 0 | -11 | -12 | -10 | -12 |
| 3/13/2016 10:38 | 73.4430556 | Deploying | 2 | 19080 | 10.79 | 8.72 | 10.82 | 8.16 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 10:38 | 73.4434028 | Deploying | 2 | 19110 | 10.79 | 8.72 | 10.84 | 8.16 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 10:38 | 73.4436806 | Winding down 1677 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:39 | 73.4437500 | Deploying | 2 | 19140 | 10.8 | 8.78 | 10.85 | 8.16 | 2106 | 1591 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 10:39 | 73.4440972 | Deploying | 2 | 19170 | 10.86 | 8.78 | 10.87 | 8.16 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 10:40 | 73.4444444 | Deploying | 2 | 19200 | 10.85 | 8.78 | 10.89 | 8.16 | 0 | 0 | 0 | -10 | -13 | -11 | -13 |
| 3/13/2016 10:40 | 73.4447917 | Deploying | 2 | 19230 | 10.86 | 8.78 | 10.9 | 8.11 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 10:41 | 73.4451389 | Deploying | 2 | 19260 | 10.87 | 8.78 | 10.92 | 8.17 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 10:41 | 73.4452662 | Winding down 1518 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:41 | 73.4454861 | Deploying | 2 | 19290 | 10.91 | 8.84 | 10.94 | 8.13 | 2146 | 1620 | 0 | -13 | -10 | -11 | -10 |
| 3/13/2016 10:42 | 73.4458333 | Deploying | 2 | 19320 | 10.92 | 8.84 | 10.96 | 8.16 | 0 | 0 | 0 | -12 | -11 | -10 | -11 |
| 3/13/2016 10:42 | 73.4461806 | Deploying | 2 | 19350 | 10.93 | 8.84 | 10.97 | 8.13 | 0 | 0 | 0 | -14 | -10 | -10 | -10 |
| 3/13/2016 10:43 | 73.4465278 | Deploying | 2 | 19380 | 10.92 | 8.84 | 10.99 | 8.13 | 0 | 0 | 0 | -9 | -13 | -10 | -13 |
| 3/13/2016 10:43 | 73.4465625 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:43 | 73.4468750 | Deploying | 2 | 19410 | 10.99 | 8.91 | 11.01 | 8.16 | 2115 | 1606 | 0 | -10 | -10 | -11 | -10 |
| 3/13/2016 10:44 | 73.4472222 | Deploying | 2 | 19440 | 10.99 | 8.91 | 11.02 | 8.16 | 0 | 0 | 0 | -10 | -13 | -10 | -13 |
| 3/13/2016 10:44 | 73.4475694 | Deploying | 2 | 19470 | 11 | 8.91 | 11.04 | 8.16 | 0 | 0 | 0 | -11 | -12 | -10 | -12 |
| 3/13/2016 10:45 | 73.4479167 | Deploying | 2 | 19500 | 10.99 | 8.91 | 11.06 | 8.14 | 0 | 0 | 0 | -13 | -11 | -10 | -11 |
| 3/13/2016 10:45 | 73.4479745 | Winding down 1633 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:45 | 73.4482639 | Deploying | 2 | 19530 | 11.05 | 8.97 | 11.07 | 8.14 | 2262 | 1636 | 0 | -13 | -9 | -11 | -9 |
| 3/13/2016 10:46 | 73.4486111 | Deploying | 2 | 19560 | 11.06 | 8.97 | 11.09 | 8.11 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 10:46 | 73.4489583 | Deploying | 2 | 19590 | 11.06 | 8.97 | 11.11 | 8.16 | 0 | 0 | 0 | -13 | -9 | -10 | -9 |
| 3/13/2016 10:46 | 73.4491088 | Winding down 1446 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:47 | 73.4493056 | Deploying | 2 | 19620 | 11.1 | 9.02 | 11.13 | 8.14 | 2254 | 1628 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 10:47 | 73.4496528 | Deploying | 2 | 19650 | 11.13 | 9.02 | 11.14 | 8.14 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 10:48 | 73.4500000 | Deploying | 2 | 19680 | 11.13 | 9.02 | 11.16 | 8.16 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 10:48 | 73.4503472 | Deploying | 2 | 19710 | 11.13 | 9.02 | 11.18 | 8.14 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 10:48 | 73.4506829 | Winding down 1723 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:49 | 73.4506944 | Deploying | 2 | 19740 | 11.13 | 9.09 | 11.19 | 8.13 | 2135 | 1621 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:49 | 73.4510417 | Deploying | 2 | 19770 | 11.2 | 9.09 | 11.21 | 8.17 | 2135 | 40 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 10:50 | 73.4513889 | Deploying | 2 | 19800 | 11.19 | 9.09 | 11.23 | 8.16 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 10:50 | 73.4517361 | Deploying | 2 | 19830 | 11.2 | 9.09 | 11.24 | 8.14 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 10:50 | 73.4520718 | Winding down 1548 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:51 | 73.4520833 | Deploying | 2 | 19860 | 11.2 | 9.15 | 11.26 | 8.13 | 2098 | 1594 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:51 | 73.4524306 | Deploying | 2 | 19890 | 11.27 | 9.15 | 11.28 | 8.17 | 2098 | 42 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:52 | 73.4527778 | Deploying | 2 | 19920 | 11.27 | 9.15 | 11.3 | 8.14 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 10:52 | 73.4531250 Deploying | 2 | 19950 | 11.26 | 9.15 | 11.31 | 8.13 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 10:53 | 73.4534722 Deploying | 2 | 19980 | 11.27 | 9.15 | 11.33 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:53 | 73.4535185 Winding down 1669 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:53 | 73.4538194 Deploying | 2 | 20010 | 11.33 | 9.21 | 11.35 | 8.14 | 2170 | 1621 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 10:54 | 73.4541667 Deploying | 2 | 20040 | 11.34 | 9.21 | 11.36 | 8.14 | 0 | 0 | 0 | -13 | -11 | -10 | -11 |
| 3/13/2016 10:54 | 73.4545139 Deploying | 2 | 20070 | 11.33 | 9.21 | 11.38 | 8.13 | 0 | 0 | 0 | -10 | -12 | -10 | -12 |
| 3/13/2016 10:54 | 73.4548495 Winding down 1373 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:55 | 73.4548611 Deploying | 2 | 20100 | 11.35 | 9.27 | 11.4 | 8.14 | 2221 | 1640 | 0 | -13 | -12 | -11 | -12 |
| 3/13/2016 10:55 | 73.4552083 Deploying | 2 | 20130 | 11.39 | 9.27 | 11.41 | 8.13 | 2221 | 56 | 0 | -10 | -12 | -10 | -12 |
| 3/13/2016 10:56 | 73.4555556 Deploying | 2 | 20160 | 11.4 | 9.27 | 11.43 | 8.14 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 10:56 | 73.4559028 Deploying | 2 | 20190 | 11.4 | 9.27 | 11.45 | 8.13 | 0 | 0 | 0 | -12 | -9 | -10 | -9 |
| 3/13/2016 10:57 | 73.4562500 Deploying | 2 | 20220 | 11.4 | 9.27 | 11.47 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:57 | 73.4563889 Winding down 1882 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:57 | 73.4565972 Deploying | 2 | 20250 | 11.44 | 9.34 | 11.48 | 8.16 | 2105 | 1608 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 10:58 | 73.4569444 Deploying | 2 | 20280 | 11.48 | 9.34 | 11.5 | 8.14 | 0 | 0 | 0 | -12 | -9 | -10 | -9 |
| 3/13/2016 10:58 | 73.4572917 Deploying | 2 | 20310 | 11.47 | 9.34 | 11.52 | 8.13 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 10:59 | 73.4576389 Deploying | 2 | 20340 | 11.47 | 9.34 | 11.53 | 8.11 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 10:59 | 73.4576620 Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 10:59 | 73.4579861 Deploying | 2 | 20370 | 11.54 | 9.4 | 11.55 | 8.13 | 2098 | 1605 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:00 | 73.4583333 Deploying | 2 | 20400 | 11.54 | 9.4 | 11.57 | 8.13 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:00 | 73.4586806 Deploying | 2 | 20430 | 11.54 | 9.4 | 11.58 | 8.13 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:01 | 73.4590278 Deploying | 2 | 20460 | 11.55 | 9.4 | 11.6 | 8.13 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:01 | 73.4590278 Winding down 1437 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:01 | 73.4593750 Deploying | 2 | 20490 | 11.61 | 9.46 | 11.62 | 8.14 | 2259 | 1650 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 11:02 | 73.4597222 Deploying | 2 | 20520 | 11.61 | 9.46 | 11.64 | 8.16 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:02 | 73.4600694 Deploying | 2 | 20550 | 11.61 | 9.46 | 11.65 | 8.13 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:03 | 73.4604167 Deploying | 2 | 20580 | 11.61 | 9.46 | 11.67 | 8.11 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:03 | 73.4604745 Winding down 1783 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:03 | 73.4607639 Deploying | 2 | 20610 | 11.66 | 9.53 | 11.69 | 8.14 | 2257 | 1643 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:04 | 73.4611111 Deploying | 2 | 20640 | 11.68 | 9.53 | 11.7 | 8.13 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:04 | 73.4614583 Deploying | 2 | 20670 | 11.69 | 9.53 | 11.72 | 8.13 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 11:05 | 73.4618056 Deploying | 2 | 20700 | 11.68 | 9.53 | 11.74 | 8.13 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 11:05 | 73.4618750 Winding down 1497 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:05 | 73.4621528 Deploying | 2 | 20730 | 11.73 | 9.58 | 11.75 | 8.16 | 2202 | 1622 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:06 | 73.4625000 Deploying | 2 | 20760 | 11.75 | 9.58 | 11.77 | 8.14 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:06 | 73.4628472 Deploying | 2 | 20790 | 11.75 | 9.58 | 11.79 | 8.13 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 11:07 | 73.4631944 Deploying | 2 | 20820 | 11.75 | 9.58 | 11.81 | 8.11 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 11:07 | 73.4632755 Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:07 | 73.4635417 Deploying | 2 | 20850 | 11.8 | 9.64 | 11.82 | 8.13 | 2127 | 1634 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:08 | 73.4638889 Deploying | 2 | 20880 | 11.81 | 9.64 | 11.84 | 8.11 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:08 | 73.4642361 Deploying | 2 | 20910 | 11.81 | 9.64 | 11.86 | 8.11 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:08 | 73.4645139 Winding down 1627 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:09 | 73.4645833 Deploying | 2 | 20940 | 11.83 | 9.7 | 11.87 | 8.14 | 2269 | 1629 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:09 | 73.4649306 Deploying | 2 | 20970 | 11.88 | 9.7 | 11.89 | 8.14 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 11:10 | 73.4652778 Deploying | 2 | 21000 | 11.87 | 9.7 | 11.91 | 8.16 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:10 | 73.4656250 Deploying | 2 | 21030 | 11.88 | 9.7 | 11.92 | 8.11 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:11 | 73.4659722 Deploying | 2 | 21060 | 11.88 | 9.7 | 11.94 | 8.14 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:11 | 73.4659722 Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:11 | 73.4663194 Deploying | 2 | 21090 | 11.94 | 9.77 | 11.96 | 8.13 | 2253 | 1637 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:12 | 73.4666667 Deploying | 2 | 21120 | 11.94 | 9.77 | 11.98 | 8.13 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 11:12 | 73.4670139 Deploying | 2 | 21150 | 11.95 | 9.77 | 11.99 | 8.13 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 11:12 | 73.4673264 Winding down 1470 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:13 | 73.4673611 Deploying | 2 | 21180 | 11.95 | 9.82 | 12.01 | 8.13 | 2132 | 1603 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:13 | 73.4677083 Deploying | 2 | 21210 | 12 | 9.82 | 12.03 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 11:14 | 73.4680556 | Deploying | 2 | 21240 | 12 | 9.82 | 12.04 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:14 | 73.4684028 | Deploying | 2 | 21270 | 12 | 9.82 | 12.06 | 8.11 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:14 | 73.4685069 | Winding down 1590 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:15 | 73.4687500 | Deploying | 2 | 21300 | 12.05 | 9.88 | 12.08 | 8.11 | 2082 | 1618 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 11:15 | 73.4690972 | Deploying | 2 | 21330 | 12.08 | 9.88 | 12.09 | 8.13 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:16 | 73.4694444 | Deploying | 2 | 21360 | 12.07 | 9.88 | 12.11 | 8.13 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:16 | 73.4697917 | Deploying | 2 | 21390 | 12.07 | 9.88 | 12.13 | 8.14 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:16 | 73.4697917 | Winding down 1587 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:17 | 73.4701389 | Deploying | 2 | 21420 | 12.14 | 9.94 | 12.15 | 8.11 | 2253 | 1631 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:17 | 73.4704861 | Deploying | 2 | 21450 | 12.14 | 9.94 | 12.16 | 8.13 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:18 | 73.4708333 | Deploying | 2 | 21480 | 12.13 | 9.94 | 12.18 | 8.13 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:18 | 73.4711806 | Deploying | 2 | 21510 | 12.14 | 9.94 | 12.2 | 8.13 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:18 | 73.4712731 | Winding down 1525 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:19 | 73.4715278 | Deploying | 2 | 21540 | 12.18 | 10 | 12.21 | 8.13 | 2228 | 1634 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:19 | 73.4718750 | Deploying | 2 | 21570 | 12.2 | 10 | 12.23 | 8.13 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:20 | 73.4722222 | Deploying | 2 | 21600 | 12.21 | 10 | 12.25 | 8.11 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:20 | 73.4725694 | Deploying | 2 | 21630 | 12.2 | 10 | 12.26 | 8.14 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:20 | 73.4726042 | Winding down 1730 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:21 | 73.4729167 | Deploying | 2 | 21660 | 12.27 | 10.07 | 12.28 | 8.14 | 2256 | 1638 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 11:21 | 73.4732639 | Deploying | 2 | 21690 | 12.27 | 10.07 | 12.3 | 8.13 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:22 | 73.4736111 | Deploying | 2 | 21720 | 12.27 | 10.07 | 12.32 | 8.11 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:22 | 73.4739583 | Deploying | 2 | 21750 | 12.27 | 10.07 | 12.33 | 8.11 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:22 | 73.4739815 | Winding down 1665 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:23 | 73.4743056 | Deploying | 2 | 21780 | 12.34 | 10.13 | 12.35 | 8.13 | 2257 | 1616 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 11:23 | 73.4746528 | Deploying | 2 | 21810 | 12.35 | 10.13 | 12.37 | 8.14 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:24 | 73.4750000 | Deploying | 2 | 21840 | 12.34 | 10.13 | 12.38 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:24 | 73.4753472 | Deploying | 2 | 21870 | 12.35 | 10.13 | 12.4 | 8.13 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:24 | 73.4756250 | Winding down 1677 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:25 | 73.4756944 | Deploying | 2 | 21900 | 12.36 | 10.2 | 12.42 | 8.11 | 2250 | 1625 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 11:25 | 73.4760417 | Deploying | 2 | 21930 | 12.43 | 10.2 | 12.43 | 8.1 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:26 | 73.4763889 | Deploying | 2 | 21960 | 12.43 | 10.2 | 12.45 | 8.11 | 0 | 0 | 0 | -14 | -9 | -11 | -9 |
| 3/13/2016 11:26 | 73.4767361 | Deploying | 2 | 21990 | 12.42 | 10.2 | 12.47 | 8.14 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 11:26 | 73.4767824 | Winding down 1419 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:27 | 73.4770833 | Deploying | 2 | 22020 | 12.47 | 10.25 | 12.49 | 8.11 | 2253 | 1625 | 0 | -10 | -13 | -11 | -13 |
| 3/13/2016 11:27 | 73.4774306 | Deploying | 2 | 22050 | 12.49 | 10.25 | 12.5 | 8.13 | 0 | 0 | 0 | -13 | -10 | -11 | -10 |
| 3/13/2016 11:28 | 73.4777778 | Deploying | 2 | 22080 | 12.48 | 10.25 | 12.52 | 8.14 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 11:28 | 73.4781250 | Deploying | 2 | 22110 | 12.48 | 10.25 | 12.54 | 8.13 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 11:28 | 73.4782407 | Winding down 1529 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:29 | 73.4784722 | Deploying | 2 | 22140 | 12.52 | 10.31 | 12.55 | 8.11 | 2136 | 1611 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 11:29 | 73.4788194 | Deploying | 2 | 22170 | 12.55 | 10.31 | 12.57 | 8.14 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 11:30 | 73.4791667 | Deploying | 2 | 22200 | 12.54 | 10.31 | 12.59 | 8.11 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 11:30 | 73.4795023 | Winding down 1598 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:30 | 73.4795139 | Deploying | 2 | 22230 | 12.54 | 10.37 | 12.6 | 8.14 | 2232 | 1633 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:31 | 73.4798611 | Deploying | 2 | 22260 | 12.61 | 10.37 | 12.62 | 8.11 | 2232 | 44 | 0 | -10 | -12 | -11 | -12 |
| 3/13/2016 11:31 | 73.4802083 | Deploying | 2 | 22290 | 12.61 | 10.37 | 12.64 | 8.13 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:32 | 73.4805556 | Deploying | 2 | 22320 | 12.61 | 10.37 | 12.66 | 8.13 | 0 | 0 | 0 | -11 | -12 | -11 | -12 |
| 3/13/2016 11:32 | 73.4809028 | Deploying | 2 | 22350 | 12.61 | 10.37 | 12.67 | 8.13 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:32 | 73.4809491 | Winding down 1694 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:33 | 73.4812500 | Deploying | 2 | 22380 | 12.68 | 10.44 | 12.69 | 8.14 | 2254 | 1647 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:33 | 73.4815972 | Deploying | 2 | 22410 | 12.68 | 10.44 | 12.71 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:34 | 73.4819444 | Deploying | 2 | 22440 | 12.69 | 10.44 | 12.72 | 8.11 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:34 | 73.4822917 | Deploying | 2 | 22470 | 12.69 | 10.44 | 12.74 | 8.11 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:34 | 73.4824653 | Winding down 1800 ticks | 3 | | | | | | | | | | | |
| 3/13/2016 11:35 | 73.4826389 | Deploying | 2 | 22500 | 12.72 | 10.51 | 12.76 | 8.11 | 2119 | 1614 | 0 | -11 | -10 | -10 | -10 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 11:35 | 73.4829861 Deploying | | 2 | 22530 | 12.76 | 10.51 | 12.77 | 8.13 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:36 | 73.4833333 Deploying | | 2 | 22560 | 12.76 | 10.51 | 12.79 | 8.1 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:36 | 73.4836806 Deploying | | 2 | 22590 | 12.76 | 10.51 | 12.81 | 8.13 | 0 | 0 | 0 | -9 | -11 | -10 | -11 |
| 3/13/2016 11:36 | 73.4839699 Winding down 1591 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:37 | 73.4840278 Deploying | | 2 | 22620 | 12.77 | 10.57 | 12.83 | 8.1 | 2264 | 1624 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:37 | 73.4843750 Deploying | | 2 | 22650 | 12.83 | 10.57 | 12.84 | 8.11 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:38 | 73.4847222 Deploying | | 2 | 22680 | 12.84 | 10.57 | 12.86 | 8.1 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:38 | 73.4850694 Deploying | | 2 | 22710 | 12.83 | 10.57 | 12.88 | 8.13 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:39 | 73.4854167 Deploying | | 2 | 22740 | 12.83 | 10.57 | 12.89 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:39 | 73.4854745 Winding down 1533 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:39 | 73.4857639 Deploying | | 2 | 22770 | 12.88 | 10.63 | 12.91 | 8.14 | 2096 | 1612 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:40 | 73.4861111 Deploying | | 2 | 22800 | 12.9 | 10.63 | 12.93 | 8.1 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:40 | 73.4864583 Deploying | | 2 | 22830 | 12.89 | 10.63 | 12.94 | 8.11 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:40 | 73.4866782 Winding down 1656 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:41 | 73.4868056 Deploying | | 2 | 22860 | 12.92 | 10.69 | 12.96 | 8.08 | 2265 | 1630 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:41 | 73.4871528 Deploying | | 2 | 22890 | 12.96 | 10.69 | 12.98 | 8.08 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:42 | 73.4875000 Deploying | | 2 | 22920 | 12.97 | 10.69 | 13 | 8.08 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:42 | 73.4878472 Deploying | | 2 | 22950 | 12.98 | 10.69 | 13.01 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:43 | 73.4881944 Deploying | | 2 | 22980 | 12.96 | 10.69 | 13.03 | 8.11 | 0 | 0 | 0 | -10 | -10 | -10 | -10 |
| 3/13/2016 11:43 | 73.4883102 Winding down 1879 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:43 | 73.4885417 Deploying | | 2 | 23010 | 13.02 | 10.77 | 13.05 | 8.1 | 2265 | 1639 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:44 | 73.4888889 Deploying | | 2 | 23040 | 13.05 | 10.77 | 13.06 | 8.08 | 0 | 0 | 0 | -11 | -9 | -10 | -9 |
| 3/13/2016 11:44 | 73.4892361 Deploying | | 2 | 23070 | 13.05 | 10.77 | 13.08 | 8.11 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:45 | 73.4895833 Deploying | | 2 | 23100 | 13.05 | 10.77 | 13.1 | 8.1 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:45 | 73.4898727 Winding down 1566 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:45 | 73.4899306 Deploying | | 2 | 23130 | 13.06 | 10.83 | 13.11 | 8.11 | 2258 | 1636 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:46 | 73.4902778 Deploying | | 2 | 23160 | 13.12 | 10.83 | 13.13 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:46 | 73.4906250 Deploying | | 2 | 23190 | 13.11 | 10.83 | 13.15 | 8.1 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:47 | 73.4909722 Deploying | | 2 | 23220 | 13.11 | 10.83 | 13.17 | 8.1 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:47 | 73.4910417 Winding down 1522 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:47 | 73.4913194 Deploying | | 2 | 23250 | 13.16 | 10.88 | 13.18 | 8.11 | 2114 | 1597 | 0 | -11 | -9 | -10 | -9 |
| 3/13/2016 11:48 | 73.4916667 Deploying | | 2 | 23280 | 13.18 | 10.88 | 13.2 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:48 | 73.4920139 Deploying | | 2 | 23310 | 13.18 | 10.88 | 13.22 | 8.08 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:49 | 73.4923611 Deploying | | 2 | 23340 | 13.19 | 10.88 | 13.23 | 8.11 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:49 | 73.4926389 Winding down 1577 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:49 | 73.4927083 Deploying | | 2 | 23370 | 13.2 | 10.95 | 13.25 | 8.11 | 2237 | 1589 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:50 | 73.4930556 Deploying | | 2 | 23400 | 13.25 | 10.95 | 13.27 | 8.11 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:50 | 73.4934028 Deploying | | 2 | 23430 | 13.25 | 10.95 | 13.28 | 8.13 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:51 | 73.4937500 Deploying | | 2 | 23460 | 13.25 | 10.95 | 13.3 | 8.1 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:51 | 73.4938657 Winding down 1579 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:51 | 73.4940972 Deploying | | 2 | 23490 | 13.29 | 11.01 | 13.32 | 8.1 | 2227 | 1613 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:52 | 73.4944444 Deploying | | 2 | 23520 | 13.32 | 11.01 | 13.34 | 8.13 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:52 | 73.4947917 Deploying | | 2 | 23550 | 13.32 | 11.01 | 13.35 | 8.08 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:53 | 73.4951389 Deploying | | 2 | 23580 | 13.32 | 11.01 | 13.37 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:53 | 73.4954398 Winding down 1780 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:53 | 73.4954861 Deploying | | 2 | 23610 | 13.32 | 11.08 | 13.39 | 8.1 | 2190 | 1611 | 0 | -10 | -12 | -10 | -12 |
| 3/13/2016 11:54 | 73.4958333 Deploying | | 2 | 23640 | 13.39 | 11.08 | 13.4 | 8.08 | 0 | 0 | 0 | -10 | -11 | -11 | -11 |
| 3/13/2016 11:54 | 73.4961806 Deploying | | 2 | 23670 | 13.38 | 11.08 | 13.42 | 8.08 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:55 | 73.4965278 Deploying | | 2 | 23700 | 13.38 | 11.08 | 13.44 | 8.1 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:55 | 73.4966782 Winding down 1721 ticks | | 3 | | | | | | | | | | | | |
| 3/13/2016 11:55 | 73.4968750 Deploying | | 2 | 23730 | 13.43 | 11.14 | 13.45 | 8.11 | 2262 | 1634 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 11:56 | 73.4972222 Deploying | | 2 | 23760 | 13.46 | 11.14 | 13.47 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:56 | 73.4975694 Deploying | | 2 | 23790 | 13.47 | 11.14 | 13.49 | 8.1 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 11:57 | 73.4979167 Deploying | | 2 | 23820 | 13.46 | 11.14 | 13.51 | 8.1 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 11:57 | 73.4982639 Deploying | 2 | 23850 | 13.47 | 11.14 | 13.52 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:57 | 73.4983333 Winding down 1422 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:58 | 73.4986111 Deploying | 2 | 23880 | 13.52 | 11.2 | 13.54 | 8.1 | 2262 | 1631 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 11:58 | 73.4989583 Deploying | 2 | 23910 | 13.52 | 11.2 | 13.56 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 11:59 | 73.4993056 Deploying | 2 | 23940 | 13.52 | 11.2 | 13.57 | 8.08 | 0 | 0 | 0 | -12 | -10 | -11 | -10 |
| 3/13/2016 11:59 | 73.4995023 Winding down 1503 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 11:59 | 73.4996528 Deploying | 2 | 23970 | 13.55 | 11.25 | 13.59 | 8.08 | 2205 | 1620 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 12:00 | 73.5000000 Deploying | 2 | 24000 | 13.59 | 11.25 | 13.61 | 8.1 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:00 | 73.5003472 Deploying | 2 | 24030 | 13.59 | 11.25 | 13.62 | 8.1 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:01 | 73.5006944 Deploying | 2 | 24060 | 13.58 | 11.25 | 13.64 | 8.08 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 12:01 | 73.5008333 Winding down 1782 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:01 | 73.5010417 Deploying | 2 | 24090 | 13.62 | 11.32 | 13.66 | 8.1 | 2244 | 1614 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 12:02 | 73.5013889 Deploying | 2 | 24120 | 13.66 | 11.32 | 13.68 | 8.1 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 12:02 | 73.5017361 Deploying | 2 | 24150 | 13.66 | 11.32 | 13.69 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 12:03 | 73.5020833 Deploying | 2 | 24180 | 13.67 | 11.32 | 13.71 | 8.11 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 12:03 | 73.5023495 Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:03 | 73.5024306 Deploying | 2 | 24210 | 13.67 | 11.39 | 13.73 | 8.1 | 2167 | 1612 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:04 | 73.5027778 Deploying | 2 | 24240 | 13.72 | 11.39 | 13.74 | 8.1 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 12:04 | 73.5031250 Deploying | 2 | 24270 | 13.73 | 11.39 | 13.76 | 8.1 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:05 | 73.5034722 Deploying | 2 | 24300 | 13.73 | 11.39 | 13.78 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:05 | 73.5037269 Winding down 1674 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:05 | 73.5038194 Deploying | 2 | 24330 | 13.74 | 11.45 | 13.79 | 8.1 | 2241 | 1639 | 0 | -12 | -11 | -10 | -11 |
| 3/13/2016 12:06 | 73.5041667 Deploying | 2 | 24360 | 13.8 | 11.45 | 13.81 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 12:06 | 73.5045139 Deploying | 2 | 24390 | 13.8 | 11.45 | 13.83 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 12:07 | 73.5048611 Deploying | 2 | 24420 | 13.8 | 11.45 | 13.85 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:07 | 73.5052083 Deploying | 2 | 24450 | 13.8 | 11.45 | 13.86 | 8.08 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 12:07 | 73.5052546 Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:08 | 73.5055556 Deploying | 2 | 24480 | 13.86 | 11.52 | 13.88 | 8.1 | 2274 | 1677 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 12:08 | 73.5059028 Deploying | 2 | 24510 | 13.87 | 11.52 | 13.9 | 8.11 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 12:09 | 73.5062500 Deploying | 2 | 24540 | 13.87 | 11.52 | 13.91 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 12:09 | 73.5065741 Winding down 1484 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:09 | 73.5065972 Deploying | 2 | 24570 | 13.88 | 11.57 | 13.93 | 8 | 2274 | 1642 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 12:10 | 73.5069444 Deploying | 2 | 24600 | 13.94 | 11.57 | 13.95 | 8.11 | 0 | 0 | 0 | -11 | -11 | -11 | -11 |
| 3/13/2016 12:10 | 73.5072917 Deploying | 2 | 24630 | 13.94 | 11.57 | 13.96 | 8.1 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:11 | 73.5076389 Deploying | 2 | 24660 | 13.94 | 11.57 | 13.98 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:11 | 73.5079861 Deploying | 2 | 24690 | 13.94 | 11.57 | 14 | 8.11 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:11 | 73.5080787 Winding down 1750 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:12 | 73.5083333 Deploying | 2 | 24720 | 13.99 | 11.64 | 14.02 | 8.1 | 2269 | 1632 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 12:12 | 73.5086806 Deploying | 2 | 24750 | 14.01 | 11.64 | 14.03 | 8.08 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:13 | 73.5090278 Deploying | 2 | 24780 | 14 | 11.64 | 14.05 | 8.08 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 12:13 | 73.5093750 Deploying | 2 | 24810 | 14.02 | 11.64 | 14.07 | 8.1 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:13 | 73.5095023 Winding down 1468 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:14 | 73.5097222 Deploying | 2 | 24840 | 14.05 | 11.7 | 14.08 | 8.1 | 2236 | 1645 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:14 | 73.5100694 Deploying | 2 | 24870 | 14.07 | 11.7 | 14.1 | 8.08 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 3/13/2016 12:15 | 73.5104167 Deploying | 2 | 24900 | 14.07 | 11.7 | 14.12 | 8.1 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:15 | 73.5107639 Deploying | 2 | 24930 | 14.08 | 11.7 | 14.13 | 8.11 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 3/13/2016 12:15 | 73.5107755 Winding down 1476 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:16 | 73.5111111 Deploying | 2 | 24960 | 14.13 | 11.75 | 14.15 | 8.13 | 2125 | 1643 | 0 | -10 | -12 | -10 | -12 |
| 3/13/2016 12:16 | 73.5114583 Deploying | 2 | 24990 | 14.13 | 11.75 | 14.17 | 8.08 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:17 | 73.5118056 Deploying | 2 | 25020 | 14.13 | 11.75 | 14.19 | 8.1 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 12:17 | 73.5120255 Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:17 | 73.5121528 Deploying | 2 | 25050 | 14.16 | 11.81 | 14.2 | 8.1 | 2269 | 1646 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 12:18 | 73.5125000 Deploying | 2 | 25080 | 14.2 | 11.81 | 14.22 | 8.08 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 3/13/2016 12:18 | 73.5128472 Deploying | 2 | 25110 | 14.2 | 11.81 | 14.24 | 8.1 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |

| Date | Time | Description | State | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 12:19 | 73.5131944 | Deploying | 2 | 25140 | 14.2 | 11.81 | 14.25 | 8.06 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 3/13/2016 12:19 | 73.5133333 | Winding down 1757 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:19 | 73.5135417 | Deploying | 2 | 25170 | 14.24 | 11.88 | 14.27 | 8.08 | 2265 | 1652 | 0 | 5 | 7 | 1 | 7 |
| 3/13/2016 12:20 | 73.5138889 | Deploying | 2 | 25200 | 14.28 | 11.88 | 14.29 | 8.1 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 12:20 | 73.5142361 | Deploying | 2 | 25230 | 14.27 | 11.88 | 14.3 | 8.1 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 12:21 | 73.5145833 | Deploying | 2 | 25260 | 14.27 | 11.88 | 14.32 | 8.06 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 3/13/2016 12:21 | 73.5148843 | Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:21 | 73.5149306 | Deploying | 2 | 25290 | 14.27 | 11.95 | 14.34 | 8.11 | 2102 | 1599 | 4 | -20 | -26 | -20 | -26 |
| 3/13/2016 12:21 | 73.5149769 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/13/2016 12:21 | 73.5149769 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/13/2016 12:21 | 73.5150000 | Winding up 1500 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:21 | 73.5150231 | Winding up 2800 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:21 | 73.5150579 | Winding up 4700 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:21 | 73.5151157 | Winding up 7074 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:21 | 73.5152083 | Winding up 9500 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5152778 | Rewinding | 5 | 25294 | 14.03 | 10.96 | 13.65 | 7.87 | 1149 | 888 | | | | | |
| 3/13/2016 12:22 | 73.5153241 | Winding up 9625 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5154398 | Winding up 7350 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5155324 | Winding up 5774 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5156019 | Winding up 4600 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5156250 | Rewinding | 5 | 25294 | 13.05 | 9.91 | 12.9 | 7.86 | 1132 | 893 | | | | | |
| 3/13/2016 12:22 | 73.5156597 | Winding up 3525 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5157060 | Winding up 2749 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5157407 | Winding up 2250 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5157755 | Winding up 1775 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5157986 | Winding up 1450 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:22 | 73.5159491 | Winding up 1275 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5159722 | Rewinding | 5 | 25294 | 12.19 | 9.41 | 12.15 | 7.89 | 1147 | 895 | | | | | |
| 3/13/2016 12:23 | 73.5159722 | Winding up 1600 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5159954 | Winding up 1950 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5160185 | Winding up 2325 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5160532 | Winding up 2775 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5160880 | Winding up 3300 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5161343 | Winding up 3875 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5161806 | Winding up 4375 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5162384 | Winding up 4500 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5162963 | Winding up 4025 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5163194 | Rewinding | 5 | 25294 | 11.53 | 8.3 | 11.4 | 7.84 | 1145 | 898 | | | | | |
| 3/13/2016 12:23 | 73.5163542 | Winding up 3125 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5164005 | Winding up 2450 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5164352 | Winding up 2050 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5164699 | Winding up 1700 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5164931 | Winding up 1450 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5165162 | Winding up 1250 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:23 | 73.5166435 | Winding up 1400 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:24 | 73.5166667 | Rewinding | 5 | 25294 | 10.7 | 7.79 | 10.65 | 7.84 | 1143 | 903 | | | | | |
| 3/13/2016 12:24 | 73.5166667 | Winding up 1700 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:24 | 73.5166898 | Winding up 2100 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:24 | 73.5167245 | Winding up 2600 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:24 | 73.5167593 | Winding up 3100 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:24 | 73.5168056 | Winding up 3675 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:24 | 73.5168519 | Winding up 4250 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:24 | 73.5169097 | Winding up 4750 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 12:24 | 73.5169676 | Winding up 4650 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 12:24 | 73.5170139 Rewinding | 5 | 25294 | 10.04 | 6.76 | 9.9 | 7.86 | 1146 | 880 |
| 3/13/2016 12:24 | 73.5170255 Winding up 3875 ticks | 3 | | | | | | | |
| 3/13/2016 12:24 | 73.5170718 Winding up 3250 ticks | 3 | | | | | | | |
| 3/13/2016 12:24 | 73.5171181 Winding up 2500 ticks | 3 | | | | | | | |
| 3/13/2016 12:24 | 73.5171528 Winding up 1975 ticks | 3 | | | | | | | |
| 3/13/2016 12:24 | 73.5171875 Winding up 1475 ticks | 3 | | | | | | | |
| 3/13/2016 12:24 | 73.5173380 Winding up 1400 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5173611 Rewinding | 5 | 25294 | 9.2 | 6.21 | 9.15 | 7.83 | 1144 | 870 |
| 3/13/2016 12:25 | 73.5173611 Winding up 1725 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5173843 Winding up 2150 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5174190 Winding up 2625 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5174537 Winding up 3225 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5175000 Winding up 4075 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5175579 Winding up 4950 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5176157 Winding up 5425 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5176852 Winding up 4950 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5177083 Rewinding | 5 | 25294 | 8.57 | 5.09 | 8.4 | 7.81 | 1145 | 884 |
| 3/13/2016 12:25 | 73.5177431 Winding up 4175 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5178009 Winding up 3350 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5178472 Winding up 2625 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5178819 Winding up 2050 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5179167 Winding up 1650 ticks | 3 | | | | | | | |
| 3/13/2016 12:25 | 73.5179398 Winding up 1350 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5180556 Rewinding | 5 | 25294 | 7.67 | 4.51 | 7.65 | 7.95 | 1142 | 883 |
| 3/13/2016 12:26 | 73.5180903 Winding up 1375 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5181134 Winding up 1700 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5181366 Winding up 2050 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5181713 Winding up 2550 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5182060 Winding up 3150 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5182523 Winding up 3950 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5182986 Winding up 4625 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5183565 Winding up 5200 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5184028 Rewinding | 5 | 25294 | 7.09 | 3.58 | 6.9 | 7.81 | 1136 | 879 |
| 3/13/2016 12:26 | 73.5184259 Winding up 4950 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5184838 Winding up 4325 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5185185 TWI hung (3) | 5 | | | | | | | |
| 3/13/2016 12:26 | 73.5185417 Winding up 3400 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5185880 Winding up 2700 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5186227 Winding up 2150 ticks | 3 | | | | | | | |
| 3/13/2016 12:26 | 73.5186574 Winding up 1575 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5187500 Rewinding | 5 | 25294 | 6.17 | 2.85 | 6.15 | 7.98 | 1142 | 886 |
| 3/13/2016 12:27 | 73.5188079 Winding up 1300 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5188310 Winding up 1625 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5188542 Winding up 1925 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5188773 Winding up 2275 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5189120 Winding up 2825 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5189468 Winding up 3325 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5189931 Winding up 3975 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5190509 Winding up 4650 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5190972 Rewinding | 5 | 25294 | 5.57 | 2.02 | 5.4 | 7.78 | 1144 | 870 |
| 3/13/2016 12:27 | 73.5191088 Winding up 4725 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5191667 Winding up 4025 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5192245 Winding up 3100 ticks | 3 | | | | | | | |
| 3/13/2016 12:27 | 73.5192708 Winding up 2400 ticks | 3 | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3/13/2016 12:27 | 73.5193056 Winding up 1925 ticks | 3 | | | | | | |
| 3/13/2016 12:27 | 73.5193287 Winding up 1675 ticks | 3 | | | | | | |
| 3/13/2016 12:27 | 73.5193519 Winding up 1375 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5194444 Rewinding | 5 | 25294 | 4.66 | 1.3 | 4.65 | 7.98 | 1144 | 874 |
| 3/13/2016 12:28 | 73.5195139 Winding up 1425 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5195370 Winding up 1850 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5195602 Winding up 2275 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5195949 Winding up 2800 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5196296 Winding up 3350 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5196759 Winding up 3950 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5197222 Winding up 4600 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5197801 Winding up 4875 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5197917 Rewinding | 5 | 25294 | 4.08 | 0.35 | 3.9 | 7.95 | 1141 | 864 |
| 3/13/2016 12:28 | 73.5198380 Winding up 4475 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5198958 Winding up 3500 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5199421 Winding up 2700 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5199769 Winding up 2200 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5200116 Winding up 1850 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5200347 Winding up 1700 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5200579 Winding up 1475 ticks | 3 | | | | | | |
| 3/13/2016 12:28 | 73.5200810 Winding up 1275 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5201389 Rewinding | 5 | 25294 | 3.17 | -0.38 | 3.15 | 7.94 | 1142 | 875 |
| 3/13/2016 12:29 | 73.5201852 Winding up 1325 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5202083 Winding up 1550 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5202315 Winding up 1850 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5202546 Winding up 2100 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5202894 Winding up 2500 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5203241 Winding up 2875 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5203588 Winding up 3100 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5204051 Winding up 3300 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5204514 Winding up 3575 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5204861 Rewinding | 5 | 25294 | 2.52 | -1.21 | 2.4 | 7.75 | 1140 | 873 |
| 3/13/2016 12:29 | 73.5204977 Winding up 3475 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5205440 Winding up 2925 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5205787 Winding up 2500 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5206134 Winding up 2050 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5206481 Winding up 1625 ticks | 3 | | | | | | |
| 3/13/2016 12:29 | 73.5206713 Winding up 1250 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5208333 Rewinding | 5 | 25294 | 1.68 | -1.73 | 1.65 | 7.97 | 1141 | 876 |
| 3/13/2016 12:30 | 73.5208333 Winding up 1325 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5208565 Winding up 1725 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5208796 Winding up 2125 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5209144 Winding up 2675 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5209491 Winding up 3350 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5209722 TWI hung (3) | 5 | | | | | | |
| 3/13/2016 12:30 | 73.5209954 Winding up 4125 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5210532 Winding up 5000 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5210880 Winding up 5275 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5210995 Winding up 5350 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5211111 Winding up 5400 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5211227 Winding up 5475 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5211343 Winding up 5550 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5211458 Winding up 5650 ticks | 3 | | | | | | |
| 3/13/2016 12:30 | 73.5211574 Winding up 5725 ticks | 3 | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 12:30 | 73.5211690 Winding up 5800 ticks | 3 | | | | | | | |
| 3/13/2016 12:30 | 73.5211806 Rewinding | 5 | 25294 | 1.11 | -2.47 | 0.9 | 7.94 | 1155 | 1151 |
| 3/13/2016 12:30 | 73.5211806 Winding up 5850 ticks | 3 | | | | | | | |
| 3/13/2016 12:30 | 73.5211921 Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 3/13/2016 12:30 | 73.5211921 State 5 (FINISHED) | 5 | | | | | | | |

DPS10-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deplo | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 18:40 | 72.7777778 | Deployment begins | 1 | | | | | | | | | | | | |
| 3/12/2016 18:40 | 72.7781250 | Deploying | 2 | 30 | 0.87 | 0 | 0.02 | 7.94 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 18:41 | 72.7784722 | Deploying | 2 | 60 | 0.87 | 0 | 0.04 | 7.98 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:41 | 72.7788194 | Deploying | 2 | 90 | 0.87 | 0 | 0.06 | 7.97 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 18:42 | 72.7791667 | Deploying | 2 | 120 | 0.88 | 0 | 0.08 | 7.94 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 18:42 | 72.7795139 | Deploying | 2 | 150 | 0.87 | 0 | 0.09 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 18:43 | 72.7798611 | Deploying | 2 | 180 | 0.88 | 0 | 0.11 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:43 | 72.7802083 | Deploying | 2 | 210 | 0.88 | 0 | 0.13 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:44 | 72.7805556 | Deploying | 2 | 240 | 0.89 | 0 | 0.14 | 7.97 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 18:44 | 72.7809028 | Deploying | 2 | 270 | 0.88 | 0 | 0.16 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:45 | 72.7812500 | Deploying | 2 | 300 | 0.88 | 0 | 0.18 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:45 | 72.7815972 | Deploying | 2 | 330 | 0.88 | 0 | 0.19 | 7.95 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:46 | 72.7819444 | Deploying | 2 | 360 | 0.88 | 0 | 0.21 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:46 | 72.7822917 | Deploying | 2 | 390 | 0.88 | 0 | 0.23 | 7.95 | 0 | 0 | 0 | 1 | -1 | 0 | -1 |
| 3/12/2016 18:47 | 72.7826389 | Deploying | 2 | 420 | 0.88 | 0 | 0.25 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:47 | 72.7829861 | Deploying | 2 | 450 | 0.88 | 0 | 0.26 | 7.95 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:48 | 72.7833333 | Deploying | 2 | 480 | 0.88 | 0 | 0.28 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:48 | 72.7836806 | Deploying | 2 | 510 | 0.88 | 0 | 0.3 | 7.95 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 18:49 | 72.7840278 | Deploying | 2 | 540 | 0.89 | 0 | 0.31 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:49 | 72.7843750 | Deploying | 2 | 570 | 0.87 | 0 | 0.33 | 7.94 | 0 | 0 | 0 | 1 | -1 | 0 | -1 |
| 3/12/2016 18:50 | 72.7847222 | Deploying | 2 | 600 | 0.88 | 0 | 0.35 | 7.95 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 18:50 | 72.7850694 | Deploying | 2 | 630 | 0.88 | 0 | 0.36 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:51 | 72.7854167 | Deploying | 2 | 660 | 0.88 | 0 | 0.38 | 7.97 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:51 | 72.7857639 | Deploying | 2 | 690 | 0.88 | 0 | 0.4 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:52 | 72.7861111 | Deploying | 2 | 720 | 0.88 | 0 | 0.42 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:52 | 72.7864583 | Deploying | 2 | 750 | 0.87 | 0 | 0.43 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:53 | 72.7868056 | Deploying | 2 | 780 | 0.88 | 0 | 0.45 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:53 | 72.7871528 | Deploying | 2 | 810 | 0.88 | 0 | 0.47 | 7.95 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:54 | 72.7875000 | Deploying | 2 | 840 | 0.88 | 0 | 0.48 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:54 | 72.7878472 | Deploying | 2 | 870 | 0.88 | 0 | 0.5 | 7.95 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| [chbF)D2 | #VALUE! | | 5 | | | | | | | | | | | | |
| 3/12/2016 18:55 | 72.7881944 | Deploying | 2 | 900 | 0.88 | 0 | 0.52 | 7.97 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:55 | 72.7885417 | Deploying | 2 | 930 | 0.88 | 0 | 0.53 | 7.9 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:56 | 72.7888889 | Deploying | 2 | 960 | 0.88 | 0 | 0.55 | 7.95 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 18:56 | 72.7892361 | Deploying | 2 | 990 | 0.89 | 0 | 0.57 | 7.95 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 18:57 | 72.7895833 | Deploying | 2 | 1020 | 0.88 | 0 | 0.59 | 7.97 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 18:57 | 72.7899306 | Deploying | 2 | 1050 | 0.88 | 0 | 0.6 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:58 | 72.7902778 | Deploying | 2 | 1080 | 0.88 | 0 | 0.62 | 7.97 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 18:58 | 72.7906250 | Deploying | 2 | 1110 | 0.88 | 0 | 0.64 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:59 | 72.7909722 | Deploying | 2 | 1140 | 0.89 | 0 | 0.65 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 18:59 | 72.7913194 | Deploying | 2 | 1170 | 0.89 | 0 | 0.67 | 7.92 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 19:00 | 72.7916667 | Deploying | 2 | 1200 | 0.88 | 0 | 0.69 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:00 | 72.7920139 | Deploying | 2 | 1230 | 0.89 | 0 | 0.7 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:01 | 72.7923611 | Deploying | 2 | 1260 | 0.88 | 0 | 0.72 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:01 | 72.7927083 | Deploying | 2 | 1290 | 0.88 | 0 | 0.74 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:02 | 72.7930556 | Deploying | 2 | 1320 | 0.88 | 0 | 0.76 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 19:02 | 72.7934028 | Deploying | 2 | 1350 | 0.89 | 0 | 0.77 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:03 | 72.7937500 | Deploying | 2 | 1380 | 0.88 | 0 | 0.79 | 7.95 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

| Date/Time | Value | Status | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:03 | 72.7940972 | Deploying | 2 | 1410 | 0.88 | 0 | 0.81 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:04 | 72.7944444 | Deploying | 2 | 1440 | 0.88 | 0 | 0.82 | 7.95 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 19:04 | 72.7947917 | Deploying | 2 | 1470 | 0.88 | 0 | 0.84 | 7.95 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 19:05 | 72.7951389 | Deploying | 2 | 1500 | 0.88 | 0 | 0.86 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 19:05 | 72.7954861 | Deploying | 2 | 1530 | 0.89 | 0 | 0.87 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:06 | 72.7958333 | Deploying | 2 | 1560 | 0.89 | 0 | 0.89 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 19:06 | 72.7961806 | Deploying | 2 | 1590 | 0.88 | 0 | 0.91 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:07 | 72.7965278 | Deploying | 2 | 1620 | 0.89 | 0 | 0.93 | 7.9 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:07 | 72.7968750 | Deploying | 2 | 1650 | 0.89 | 0 | 0.94 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:07 | 72.7970833 | Winding down 1717 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:08 | 72.7972222 | Deploying | 2 | 1680 | 0.91 | 0.06 | 0.96 | 7.95 | 2124 | 1581 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:08 | 72.7975694 | Deploying | 2 | 1710 | 0.95 | 0.06 | 0.98 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:09 | 72.7979167 | Deploying | 2 | 1740 | 0.95 | 0.06 | 0.99 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 19:09 | 72.7981713 | Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:09 | 72.7982639 | Deploying | 2 | 1770 | 0.96 | 0.12 | 1.01 | 7.94 | 2182 | 1608 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 19:10 | 72.7986111 | Deploying | 2 | 1800 | 1.01 | 0.12 | 1.03 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:10 | 72.7989583 | Deploying | 2 | 1830 | 1.02 | 0.12 | 1.04 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:11 | 72.7993056 | Deploying | 2 | 1860 | 1.02 | 0.12 | 1.06 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:11 | 72.7996528 | Deploying | 2 | 1890 | 1.02 | 0.12 | 1.08 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 19:11 | 72.7997106 | Winding down 1683 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:12 | 72.8000000 | Deploying | 2 | 1920 | 1.07 | 0.19 | 1.1 | 7.94 | 2311 | 1644 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:12 | 72.8003472 | Deploying | 2 | 1950 | 1.09 | 0.19 | 1.11 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:13 | 72.8006944 | Deploying | 2 | 1980 | 1.09 | 0.19 | 1.13 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:13 | 72.8010417 | Deploying | 2 | 2010 | 1.09 | 0.19 | 1.15 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 19:13 | 72.8011574 | Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:14 | 72.8013889 | Deploying | 2 | 2040 | 1.14 | 0.25 | 1.16 | 7.95 | 2151 | 1611 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:14 | 72.8017361 | Deploying | 2 | 2070 | 1.16 | 0.25 | 1.18 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:15 | 72.8020833 | Deploying | 2 | 2100 | 1.16 | 0.25 | 1.2 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:15 | 72.8024306 | Deploying | 2 | 2130 | 1.15 | 0.25 | 1.21 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:15 | 72.8024769 | Winding down 1669 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:16 | 72.8027778 | Deploying | 2 | 2160 | 1.22 | 0.31 | 1.23 | 7.94 | 2240 | 1619 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:16 | 72.8031250 | Deploying | 2 | 2190 | 1.23 | 0.31 | 1.25 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:17 | 72.8034722 | Deploying | 2 | 2220 | 1.23 | 0.31 | 1.27 | 7.92 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 19:17 | 72.8038194 | Deploying | 2 | 2250 | 1.23 | 0.31 | 1.28 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:17 | 72.8039352 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:18 | 72.8041667 | Deploying | 2 | 2280 | 1.27 | 0.38 | 1.3 | 7.92 | 2124 | 1618 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:18 | 72.8045139 | Deploying | 2 | 2310 | 1.29 | 0.38 | 1.32 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:19 | 72.8048611 | Deploying | 2 | 2340 | 1.29 | 0.38 | 1.33 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:19 | 72.8052083 | Deploying | 2 | 2370 | 1.29 | 0.38 | 1.35 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:19 | 72.8052546 | Winding down 1594 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:20 | 72.8055556 | Deploying | 2 | 2400 | 1.36 | 0.44 | 1.37 | 7.94 | 2186 | 1618 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:20 | 72.8059028 | Deploying | 2 | 2430 | 1.36 | 0.44 | 1.38 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:21 | 72.8062500 | Deploying | 2 | 2460 | 1.37 | 0.44 | 1.4 | 7.95 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:21 | 72.8065972 | Deploying | 2 | 2490 | 1.36 | 0.44 | 1.42 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:21 | 72.8067245 | Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:22 | 72.8069444 | Deploying | 2 | 2520 | 1.4 | 0.49 | 1.44 | 7.94 | 2278 | 1637 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:22 | 72.8072917 | Deploying | 2 | 2550 | 1.43 | 0.49 | 1.45 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:23 | 72.8076389 | Deploying | 2 | 2580 | 1.43 | 0.49 | 1.47 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:23 | 72.8079861 | Deploying | 2 | 2610 | 1.43 | 0.49 | 1.49 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |

| Date/Time | Value | Status | Code | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:23 | 72.8081134 | Winding down 1668 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:24 | 72.8083333 | Deploying | 2 | 2640 | 1.48 | 0.56 | 1.5 | 7.92 | 2164 | 1614 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:24 | 72.8086806 | Deploying | 2 | 2670 | 1.49 | 0.56 | 1.52 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:25 | 72.8090278 | Deploying | 2 | 2700 | 1.5 | 0.56 | 1.54 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:25 | 72.8093750 | Deploying | 2 | 2730 | 1.5 | 0.56 | 1.55 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:25 | 72.8095486 | Winding down 1725 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:26 | 72.8097222 | Deploying | 2 | 2760 | 1.53 | 0.62 | 1.57 | 7.94 | 2298 | 1622 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:26 | 72.8100694 | Deploying | 2 | 2790 | 1.56 | 0.62 | 1.59 | 7.94 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 19:27 | 72.8104167 | Deploying | 2 | 2820 | 1.57 | 0.62 | 1.61 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:27 | 72.8107639 | Deploying | 2 | 2850 | 1.56 | 0.62 | 1.62 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:27 | 72.8108796 | Winding down 1654 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:28 | 72.8111111 | Deploying | 2 | 2880 | 1.61 | 0.68 | 1.64 | 7.9 | 2134 | 1620 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:28 | 72.8114583 | Deploying | 2 | 2910 | 1.65 | 0.68 | 1.66 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 19:29 | 72.8118056 | Deploying | 2 | 2940 | 1.65 | 0.68 | 1.67 | 7.89 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 19:29 | 72.8121528 | Deploying | 2 | 2970 | 1.65 | 0.68 | 1.69 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:30 | 72.8125000 | Deploying | 2 | 3000 | 1.64 | 0.68 | 1.71 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:30 | 72.8125116 | Winding down 1726 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:30 | 72.8128472 | Deploying | 2 | 3030 | 1.71 | 0.75 | 1.72 | 7.92 | 2287 | 1637 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:31 | 72.8131944 | Deploying | 2 | 3060 | 1.71 | 0.75 | 1.74 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:31 | 72.8135417 | Deploying | 2 | 3090 | 1.71 | 0.75 | 1.76 | 7.92 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 19:31 | 72.8137731 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:32 | 72.8138889 | Deploying | 2 | 3120 | 1.73 | 0.81 | 1.78 | 7.92 | 2189 | 1628 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:32 | 72.8142361 | Deploying | 2 | 3150 | 1.77 | 0.81 | 1.79 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:33 | 72.8145833 | Deploying | 2 | 3180 | 1.78 | 0.81 | 1.81 | 7.95 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 19:33 | 72.8149306 | Deploying | 2 | 3210 | 1.77 | 0.81 | 1.83 | 7.95 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 19:33 | 72.8151852 | Winding down 1699 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:34 | 72.8152778 | Deploying | 2 | 3240 | 1.8 | 0.87 | 1.84 | 7.92 | 2298 | 1624 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:34 | 72.8156250 | Deploying | 2 | 3270 | 1.84 | 0.87 | 1.86 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:35 | 72.8159722 | Deploying | 2 | 3300 | 1.85 | 0.87 | 1.88 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 19:35 | 72.8163194 | Deploying | 2 | 3330 | 1.84 | 0.87 | 1.89 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:35 | 72.8165046 | Winding down 1389 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:36 | 72.8166667 | Deploying | 2 | 3360 | 1.87 | 0.92 | 1.91 | 7.95 | 2166 | 1627 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:36 | 72.8170139 | Deploying | 2 | 3390 | 1.9 | 0.92 | 1.93 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:37 | 72.8173611 | Deploying | 2 | 3420 | 1.9 | 0.92 | 1.95 | 7.92 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 19:37 | 72.8177083 | Deploying | 2 | 3450 | 1.9 | 0.92 | 1.96 | 7.95 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:37 | 72.8177778 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:38 | 72.8180556 | Deploying | 2 | 3480 | 1.96 | 0.98 | 1.98 | 7.95 | 2110 | 1619 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:38 | 72.8184028 | Deploying | 2 | 3510 | 1.98 | 0.98 | 2 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:39 | 72.8187500 | Deploying | 2 | 3540 | 1.97 | 0.98 | 2.01 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:39 | 72.8190972 | Deploying | 2 | 3570 | 1.98 | 0.98 | 2.03 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:39 | 72.8192593 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:40 | 72.8194444 | Deploying | 2 | 3600 | 2.01 | 1.05 | 2.05 | 7.92 | 2317 | 1651 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:40 | 72.8197917 | Deploying | 2 | 3630 | 2.05 | 1.05 | 2.06 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:41 | 72.8201389 | Deploying | 2 | 3660 | 2.05 | 1.05 | 2.08 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:41 | 72.8204861 | Deploying | 2 | 3690 | 2.05 | 1.05 | 2.1 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:41 | 72.8207292 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:42 | 72.8208333 | Deploying | 2 | 3720 | 2.06 | 1.11 | 2.12 | 7.92 | 2153 | 1598 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 19:42 | 72.8211806 | Deploying | 2 | 3750 | 2.11 | 1.11 | 2.13 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:43 | 72.8215278 | Deploying | 2 | 3780 | 2.11 | 1.11 | 2.15 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 19:43 | 72.8218750 | Deploying | 2 | 3810 | 2.12 | 1.11 | 2.17 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:43 | 72.8221991 | Winding down 1609 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:44 | 72.8222222 | Deploying | 2 | 3840 | 2.12 | 1.18 | 2.18 | 7.87 | 2314 | 1640 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:44 | 72.8225694 | Deploying | 2 | 3870 | 2.18 | 1.18 | 2.2 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:45 | 72.8229167 | Deploying | 2 | 3900 | 2.18 | 1.18 | 2.22 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:45 | 72.8232639 | Deploying | 2 | 3930 | 2.18 | 1.18 | 2.23 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:45 | 72.8233912 | Winding down 1593 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:46 | 72.8236111 | Deploying | 2 | 3960 | 2.21 | 1.24 | 2.25 | 7.95 | 2304 | 1661 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:46 | 72.8239583 | Deploying | 2 | 3990 | 2.24 | 1.24 | 2.27 | 7.9 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:47 | 72.8243056 | Deploying | 2 | 4020 | 2.25 | 1.24 | 2.29 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:47 | 72.8246528 | Deploying | 2 | 4050 | 2.25 | 1.24 | 2.3 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:47 | 72.8248843 | Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:48 | 72.8250000 | Deploying | 2 | 4080 | 2.27 | 1.3 | 2.32 | 7.9 | 2207 | 1639 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 19:48 | 72.8253472 | Deploying | 2 | 4110 | 2.31 | 1.3 | 2.34 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:49 | 72.8256944 | Deploying | 2 | 4140 | 2.32 | 1.3 | 2.35 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:49 | 72.8260417 | Deploying | 2 | 4170 | 2.31 | 1.3 | 2.37 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:49 | 72.8262384 | Winding down 1703 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:50 | 72.8263889 | Deploying | 2 | 4200 | 2.35 | 1.36 | 2.39 | 7.89 | 2308 | 1655 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:50 | 72.8267361 | Deploying | 2 | 4230 | 2.39 | 1.36 | 2.4 | 7.9 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:51 | 72.8270833 | Deploying | 2 | 4260 | 2.39 | 1.36 | 2.42 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:51 | 72.8274306 | Deploying | 2 | 4290 | 2.38 | 1.36 | 2.44 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:51 | 72.8275926 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:52 | 72.8277778 | Deploying | 2 | 4320 | 2.42 | 1.43 | 2.46 | 7.92 | 2270 | 1640 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:52 | 72.8281250 | Deploying | 2 | 4350 | 2.46 | 1.43 | 2.47 | 7.9 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 19:53 | 72.8284722 | Deploying | 2 | 4380 | 2.46 | 1.43 | 2.49 | 7.9 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 19:53 | 72.8288194 | Deploying | 2 | 4410 | 2.47 | 1.43 | 2.51 | 7.89 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 19:54 | 72.8291667 | Deploying | 2 | 4440 | 2.46 | 1.43 | 2.52 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:54 | 72.8292361 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:54 | 72.8295139 | Deploying | 2 | 4470 | 2.51 | 1.49 | 2.54 | 7.92 | 2169 | 1601 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 19:55 | 72.8298611 | Deploying | 2 | 4500 | 2.52 | 1.49 | 2.56 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:55 | 72.8302083 | Deploying | 2 | 4530 | 2.52 | 1.49 | 2.57 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:55 | 72.8303704 | Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:56 | 72.8305556 | Deploying | 2 | 4560 | 2.56 | 1.55 | 2.59 | 7.92 | 2300 | 1649 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:56 | 72.8309028 | Deploying | 2 | 4590 | 2.59 | 1.55 | 2.61 | 7.92 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 19:57 | 72.8312500 | Deploying | 2 | 4620 | 2.6 | 1.55 | 2.63 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 19:57 | 72.8315972 | Deploying | 2 | 4650 | 2.59 | 1.55 | 2.64 | 7.9 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 19:57 | 72.8318056 | Winding down 1792 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 19:58 | 72.8319444 | Deploying | 2 | 4680 | 2.61 | 1.62 | 2.66 | 7.9 | 2146 | 1621 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 19:58 | 72.8322917 | Deploying | 2 | 4710 | 2.66 | 1.62 | 2.68 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:59 | 72.8326389 | Deploying | 2 | 4740 | 2.66 | 1.62 | 2.69 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 19:59 | 72.8329861 | Deploying | 2 | 4770 | 2.65 | 1.62 | 2.71 | 7.9 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 19:59 | 72.8331250 | Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:00 | 72.8333333 | Deploying | 2 | 4800 | 2.7 | 1.68 | 2.73 | 7.9 | 2163 | 1621 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:00 | 72.8336806 | Deploying | 2 | 4830 | 2.72 | 1.68 | 2.74 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:01 | 72.8340278 | Deploying | 2 | 4860 | 2.72 | 1.68 | 2.76 | 7.9 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:01 | 72.8343750 | Deploying | 2 | 4890 | 2.72 | 1.68 | 2.78 | 7.87 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 20:01 | 72.8344329 | Winding down 1608 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:02 | 72.8347222 | Deploying | 2 | 4920 | 2.78 | 1.74 | 2.8 | 7.94 | 2174 | 1631 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:02 | 72.8350694 | Deploying | 2 | 4950 | 2.79 | 1.74 | 2.81 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 3/12/2016 20:03 | 72.8354167 | Deploying | 2 | 4980 | 2.8 | 1.74 | 2.83 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:03 | 72.8357639 | Deploying | 2 | 5010 | 2.79 | 1.74 | 2.85 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:03 | 72.8358796 | Winding down 1404 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:04 | 72.8361111 | Deploying | 2 | 5040 | 2.83 | 1.79 | 2.86 | 7.87 | 2307 | 1660 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:04 | 72.8364583 | Deploying | 2 | 5070 | 2.85 | 1.79 | 2.88 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:05 | 72.8368056 | Deploying | 2 | 5100 | 2.85 | 1.79 | 2.9 | 7.87 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 20:05 | 72.8371528 | Deploying | 2 | 5130 | 2.85 | 1.79 | 2.91 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:05 | 72.8371644 | Winding down 1651 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:06 | 72.8375000 | Deploying | 2 | 5160 | 2.92 | 1.85 | 2.93 | 7.9 | 2298 | 1637 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:06 | 72.8378472 | Deploying | 2 | 5190 | 2.92 | 1.85 | 2.95 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:07 | 72.8381944 | Deploying | 2 | 5220 | 2.92 | 1.85 | 2.97 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:07 | 72.8385185 | Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:07 | 72.8385417 | Deploying | 2 | 5250 | 2.92 | 1.91 | 2.98 | 7.84 | 2184 | 1635 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:08 | 72.8388889 | Deploying | 2 | 5280 | 2.99 | 1.91 | 3 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:08 | 72.8392361 | Deploying | 2 | 5310 | 2.98 | 1.91 | 3.02 | 7.94 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 20:09 | 72.8395833 | Deploying | 2 | 5340 | 2.98 | 1.91 | 3.03 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:09 | 72.8397106 | Winding down 1493 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:09 | 72.8399306 | Deploying | 2 | 5370 | 3.02 | 1.97 | 3.05 | 7.92 | 2184 | 1633 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:10 | 72.8402778 | Deploying | 2 | 5400 | 3.04 | 1.97 | 3.07 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:10 | 72.8406250 | Deploying | 2 | 5430 | 3.05 | 1.97 | 3.08 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:11 | 72.8409722 | Deploying | 2 | 5460 | 3.04 | 1.97 | 3.1 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:11 | 72.8410880 | Winding down 1654 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:11 | 72.8413194 | Deploying | 2 | 5490 | 3.09 | 2.03 | 3.12 | 7.92 | 2238 | 1619 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:12 | 72.8416667 | Deploying | 2 | 5520 | 3.11 | 2.03 | 3.14 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:12 | 72.8420139 | Deploying | 2 | 5550 | 3.11 | 2.03 | 3.15 | 7.92 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 20:13 | 72.8423611 | Deploying | 2 | 5580 | 3.12 | 2.03 | 3.17 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:13 | 72.8426620 | Winding down 1805 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:13 | 72.8427083 | Deploying | 2 | 5610 | 3.12 | 2.1 | 3.19 | 7.94 | 2175 | 1620 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:14 | 72.8430556 | Deploying | 2 | 5640 | 3.19 | 2.1 | 3.2 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:14 | 72.8434028 | Deploying | 2 | 5670 | 3.19 | 2.1 | 3.22 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:15 | 72.8437500 | Deploying | 2 | 5700 | 3.19 | 2.1 | 3.24 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:15 | 72.8439352 | Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:15 | 72.8440972 | Deploying | 2 | 5730 | 3.21 | 2.16 | 3.25 | 7.92 | 2280 | 1640 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:16 | 72.8444444 | Deploying | 2 | 5760 | 3.25 | 2.16 | 3.27 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:16 | 72.8447917 | Deploying | 2 | 5790 | 3.26 | 2.16 | 3.29 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:17 | 72.8451389 | Deploying | 2 | 5820 | 3.26 | 2.16 | 3.31 | 7.9 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:17 | 72.8454861 | Deploying | 2 | 5850 | 3.26 | 2.16 | 3.32 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:17 | 72.8454861 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:18 | 72.8458333 | Deploying | 2 | 5880 | 3.31 | 2.22 | 3.34 | 7.9 | 2273 | 1630 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:18 | 72.8461806 | Deploying | 2 | 5910 | 3.31 | 2.22 | 3.36 | 7.9 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 20:18 | 72.8464468 | Winding down 1488 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:19 | 72.8465278 | Deploying | 2 | 5940 | 3.33 | 2.27 | 3.37 | 7.9 | 2169 | 1616 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:19 | 72.8468750 | Deploying | 2 | 5970 | 3.38 | 2.27 | 3.39 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:20 | 72.8472222 | Deploying | 2 | 6000 | 3.38 | 2.27 | 3.41 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:20 | 72.8475694 | Deploying | 2 | 6030 | 3.38 | 2.27 | 3.42 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:21 | 72.8479167 | Deploying | 2 | 6060 | 3.38 | 2.27 | 3.44 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:21 | 72.8479167 | Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:21 | 72.8482639 | Deploying | 2 | 6090 | 3.44 | 2.33 | 3.46 | 7.89 | 2245 | 1646 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:22 | 72.8486111 | Deploying | 2 | 6120 | 3.45 | 2.33 | 3.48 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 20:22 | 72.8489583 | Deploying | 2 | 6150 | 3.45 | 2.33 | 3.49 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:22 | 72.8492477 | Winding down 1666 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:23 | 72.8493056 | Deploying | 2 | 6180 | 3.45 | 2.4 | 3.51 | 7.92 | 2170 | 1620 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:23 | 72.8496528 | Deploying | 2 | 6210 | 3.51 | 2.4 | 3.53 | 7.9 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:24 | 72.8500000 | Deploying | 2 | 6240 | 3.51 | 2.4 | 3.54 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:24 | 72.8503472 | Deploying | 2 | 6270 | 3.51 | 2.4 | 3.56 | 7.89 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:24 | 72.8505556 | Winding down 1592 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:25 | 72.8506944 | Deploying | 2 | 6300 | 3.54 | 2.46 | 3.58 | 7.9 | 2317 | 1652 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:25 | 72.8510417 | Deploying | 2 | 6330 | 3.57 | 2.46 | 3.59 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:26 | 72.8513889 | Deploying | 2 | 6360 | 3.59 | 2.46 | 3.61 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:26 | 72.8517361 | Deploying | 2 | 6390 | 3.58 | 2.46 | 3.63 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:26 | 72.8520255 | Winding down 1741 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:27 | 72.8520833 | Deploying | 2 | 6420 | 3.58 | 2.52 | 3.65 | 7.9 | 2172 | 1643 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:27 | 72.8524306 | Deploying | 2 | 6450 | 3.65 | 2.52 | 3.66 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:28 | 72.8527778 | Deploying | 2 | 6480 | 3.65 | 2.52 | 3.68 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:28 | 72.8531250 | Deploying | 2 | 6510 | 3.65 | 2.52 | 3.7 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:28 | 72.8534375 | Winding down 1620 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:29 | 72.8534722 | Deploying | 2 | 6540 | 3.65 | 2.58 | 3.71 | 7.9 | 2163 | 1627 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 20:29 | 72.8538194 | Deploying | 2 | 6570 | 3.72 | 2.58 | 3.73 | 7.87 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 20:30 | 72.8541667 | Deploying | 2 | 6600 | 3.71 | 2.58 | 3.75 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:30 | 72.8545139 | Deploying | 2 | 6630 | 3.71 | 2.58 | 3.76 | 7.94 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 20:30 | 72.8546181 | Winding down 1465 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:31 | 72.8548611 | Deploying | 2 | 6660 | 3.76 | 2.64 | 3.78 | 7.89 | 2305 | 1674 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:31 | 72.8552083 | Deploying | 2 | 6690 | 3.77 | 2.64 | 3.8 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:32 | 72.8555556 | Deploying | 2 | 6720 | 3.77 | 2.64 | 3.82 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:32 | 72.8559028 | Deploying | 2 | 6750 | 3.77 | 2.64 | 3.83 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:32 | 72.8559606 | Winding down 1608 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:33 | 72.8562500 | Deploying | 2 | 6780 | 3.83 | 2.7 | 3.85 | 7.92 | 2184 | 1638 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:33 | 72.8565972 | Deploying | 2 | 6810 | 3.84 | 2.7 | 3.87 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:34 | 72.8569444 | Deploying | 2 | 6840 | 3.84 | 2.7 | 3.88 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:34 | 72.8572338 | Winding down 1466 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:34 | 72.8572917 | Deploying | 2 | 6870 | 3.85 | 2.76 | 3.9 | 7.89 | 2204 | 1628 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 20:35 | 72.8576389 | Deploying | 2 | 6900 | 3.9 | 2.76 | 3.92 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:35 | 72.8579861 | Deploying | 2 | 6930 | 3.9 | 2.76 | 3.93 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:36 | 72.8583333 | Deploying | 2 | 6960 | 3.9 | 2.76 | 3.95 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:36 | 72.8586343 | Winding down 1605 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:36 | 72.8586806 | Deploying | 2 | 6990 | 3.91 | 2.82 | 3.97 | 7.89 | 2251 | 1616 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:37 | 72.8590278 | Deploying | 2 | 7020 | 3.97 | 2.82 | 3.99 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:37 | 72.8593750 | Deploying | 2 | 7050 | 3.97 | 2.82 | 4 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:38 | 72.8597222 | Deploying | 2 | 7080 | 3.97 | 2.82 | 4.02 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:38 | 72.8598843 | Winding down 1610 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:38 | 72.8600694 | Deploying | 2 | 7110 | 4 | 2.88 | 4.04 | 7.92 | 2187 | 1624 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:39 | 72.8604167 | Deploying | 2 | 7140 | 4.04 | 2.88 | 4.05 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:39 | 72.8607639 | Deploying | 2 | 7170 | 4.04 | 2.88 | 4.07 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:40 | 72.8611111 | Deploying | 2 | 7200 | 4.04 | 2.88 | 4.09 | 7.9 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:40 | 72.8613079 | Winding down 1578 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 20:40 | 72.8614583 | Deploying | 2 | 7230 | 4.07 | 2.94 | 4.1 | 7.92 | 2317 | 1642 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:41 | 72.8618056 | Deploying | 2 | 7260 | 4.1 | 2.94 | 4.12 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:41 | 72.8621528 | Deploying | 2 | 7290 | 4.1 | 2.94 | 4.14 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | Status | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/12/2016 20:42 | 72.8625000 | Deploying | 2 | 7320 | 4.11 | 2.94 | 4.16 | 7.9 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 20:42 | 72.8628009 | Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:42 | 72.8628472 | Deploying | 2 | 7350 | 4.11 | 3 | 4.17 | 7.9 | 2310 | 1649 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:43 | 72.8631944 | Deploying | 2 | 7380 | 4.18 | 3 | 4.19 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:43 | 72.8635417 | Deploying | 2 | 7410 | 4.17 | 3 | 4.21 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:44 | 72.8638889 | Deploying | 2 | 7440 | 4.18 | 3 | 4.22 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:44 | 72.8642130 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:44 | 72.8642361 | Deploying | 2 | 7470 | 4.18 | 3.06 | 4.24 | 7.81 | 2250 | 1651 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:45 | 72.8645833 | Deploying | 2 | 7500 | 4.24 | 3.06 | 4.26 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:45 | 72.8649306 | Deploying | 2 | 7530 | 4.24 | 3.06 | 4.27 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:46 | 72.8652778 | Deploying | 2 | 7560 | 4.24 | 3.06 | 4.29 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:46 | 72.8654977 | Winding down 1506 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:46 | 72.8656250 | Deploying | 2 | 7590 | 4.27 | 3.12 | 4.31 | 7.9 | 2191 | 1639 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:47 | 72.8659722 | Deploying | 2 | 7620 | 4.3 | 3.12 | 4.33 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:47 | 72.8663194 | Deploying | 2 | 7650 | 4.3 | 3.12 | 4.34 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:48 | 72.8666667 | Deploying | 2 | 7680 | 4.31 | 3.12 | 4.36 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:48 | 72.8669907 | Winding down 1834 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:48 | 72.8670139 | Deploying | 2 | 7710 | 4.31 | 3.19 | 4.38 | 7.81 | 2309 | 1666 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:49 | 72.8673611 | Deploying | 2 | 7740 | 4.38 | 3.19 | 4.39 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:49 | 72.8677083 | Deploying | 2 | 7770 | 4.37 | 3.19 | 4.41 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:50 | 72.8680556 | Deploying | 2 | 7800 | 4.38 | 3.19 | 4.43 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:50 | 72.8683796 | Winding down 1459 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:50 | 72.8684028 | Deploying | 2 | 7830 | 4.39 | 3.25 | 4.44 | 7.81 | 2163 | 1628 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:51 | 72.8687500 | Deploying | 2 | 7860 | 4.44 | 3.25 | 4.46 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:51 | 72.8690972 | Deploying | 2 | 7890 | 4.44 | 3.25 | 4.48 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:52 | 72.8694444 | Deploying | 2 | 7920 | 4.44 | 3.25 | 4.5 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:52 | 72.8695949 | Winding down 1696 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:52 | 72.8697917 | Deploying | 2 | 7950 | 4.48 | 3.31 | 4.51 | 7.9 | 2306 | 1660 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:53 | 72.8701389 | Deploying | 2 | 7980 | 4.51 | 3.31 | 4.53 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:53 | 72.8704861 | Deploying | 2 | 8010 | 4.51 | 3.31 | 4.55 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:54 | 72.8708333 | Deploying | 2 | 8040 | 4.51 | 3.31 | 4.56 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:54 | 72.8710301 | Winding down 1628 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:54 | 72.8711806 | Deploying | 2 | 8070 | 4.54 | 3.37 | 4.58 | 7.9 | 2162 | 1615 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:55 | 72.8715278 | Deploying | 2 | 8100 | 4.58 | 3.37 | 4.6 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:55 | 72.8718750 | Deploying | 2 | 8130 | 4.58 | 3.37 | 4.61 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:56 | 72.8722222 | Deploying | 2 | 8160 | 4.57 | 3.37 | 4.63 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:56 | 72.8723958 | Winding down 1825 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:56 | 72.8725694 | Deploying | 2 | 8190 | 4.61 | 3.44 | 4.65 | 7.89 | 2186 | 1622 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:57 | 72.8729167 | Deploying | 2 | 8220 | 4.66 | 3.44 | 4.67 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:57 | 72.8732639 | Deploying | 2 | 8250 | 4.65 | 3.44 | 4.68 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:58 | 72.8736111 | Deploying | 2 | 8280 | 4.66 | 3.44 | 4.7 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 20:58 | 72.8739583 | Deploying | 2 | 8310 | 4.66 | 3.44 | 4.72 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:58 | 72.8740162 | Winding down 1508 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 20:59 | 72.8743056 | Deploying | 2 | 8340 | 4.71 | 3.5 | 4.73 | 7.9 | 2162 | 1624 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 20:59 | 72.8746528 | Deploying | 2 | 8370 | 4.72 | 3.5 | 4.75 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:00 | 72.8750000 | Deploying | 2 | 8400 | 4.72 | 3.5 | 4.77 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:00 | 72.8752662 | Winding down 1438 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:00 | 72.8753472 | Deploying | 2 | 8430 | 4.73 | 3.55 | 4.78 | 7.87 | 2169 | 1629 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:01 | 72.8756944 | Deploying | 2 | 8460 | 4.78 | 3.55 | 4.8 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 21:01 | 72.8760417 | Deploying | 2 | 8490 | 4.78 | 3.55 | 4.82 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:02 | 72.8763889 | Deploying | 2 | 8520 | 4.78 | 3.55 | 4.84 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:02 | 72.8764815 | Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:02 | 72.8767361 | Deploying | 2 | 8550 | 4.83 | 3.61 | 4.85 | 7.9 | 2165 | 1628 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:03 | 72.8770833 | Deploying | 2 | 8580 | 4.84 | 3.61 | 4.87 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:03 | 72.8774306 | Deploying | 2 | 8610 | 4.84 | 3.61 | 4.89 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:03 | 72.8777083 | Winding down 1502 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:04 | 72.8777778 | Deploying | 2 | 8640 | 4.85 | 3.67 | 4.9 | 7.89 | 2281 | 1649 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:04 | 72.8781250 | Deploying | 2 | 8670 | 4.91 | 3.67 | 4.92 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:05 | 72.8784722 | Deploying | 2 | 8700 | 4.91 | 3.67 | 4.94 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:05 | 72.8788194 | Deploying | 2 | 8730 | 4.91 | 3.67 | 4.95 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:05 | 72.8790741 | Winding down 1624 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:06 | 72.8791667 | Deploying | 2 | 8760 | 4.92 | 3.73 | 4.97 | 7.87 | 2305 | 1652 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:06 | 72.8795139 | Deploying | 2 | 8790 | 4.97 | 3.73 | 4.99 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:07 | 72.8798611 | Deploying | 2 | 8820 | 4.98 | 3.73 | 5.01 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:07 | 72.8802083 | Deploying | 2 | 8850 | 4.98 | 3.73 | 5.02 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:07 | 72.8805093 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:08 | 72.8805556 | Deploying | 2 | 8880 | 4.99 | 3.79 | 5.04 | 7.89 | 2171 | 1630 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:08 | 72.8809028 | Deploying | 2 | 8910 | 5.03 | 3.79 | 5.06 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:09 | 72.8812500 | Deploying | 2 | 8940 | 5.03 | 3.79 | 5.07 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:09 | 72.8815972 | Deploying | 2 | 8970 | 5.03 | 3.79 | 5.09 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:09 | 72.8816898 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:10 | 72.8819444 | Deploying | 2 | 9000 | 5.09 | 3.85 | 5.11 | 7.87 | 2306 | 1635 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:10 | 72.8822917 | Deploying | 2 | 9030 | 5.11 | 3.85 | 5.12 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:11 | 72.8826389 | Deploying | 2 | 9060 | 5.11 | 3.85 | 5.14 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:11 | 72.8829861 | Deploying | 2 | 9090 | 5.11 | 3.85 | 5.16 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:11 | 72.8832523 | Winding down 1488 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:12 | 72.8833333 | Deploying | 2 | 9120 | 5.12 | 3.91 | 5.18 | 7.84 | 2321 | 1653 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:12 | 72.8836806 | Deploying | 2 | 9150 | 5.17 | 3.91 | 5.19 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:13 | 72.8840278 | Deploying | 2 | 9180 | 5.17 | 3.91 | 5.21 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:13 | 72.8843750 | Deploying | 2 | 9210 | 5.16 | 3.91 | 5.23 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:13 | 72.8844560 | Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:14 | 72.8847222 | Deploying | 2 | 9240 | 5.23 | 3.97 | 5.24 | 7.86 | 2201 | 1646 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:14 | 72.8850694 | Deploying | 2 | 9270 | 5.24 | 3.97 | 5.26 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:15 | 72.8854167 | Deploying | 2 | 9300 | 5.24 | 3.97 | 5.28 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:15 | 72.8857639 | Deploying | 2 | 9330 | 5.24 | 3.97 | 5.29 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:15 | 72.8858912 | Winding down 1643 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:16 | 72.8861111 | Deploying | 2 | 9360 | 5.28 | 4.03 | 5.31 | 7.86 | 2302 | 1644 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:16 | 72.8864583 | Deploying | 2 | 9390 | 5.31 | 4.03 | 5.33 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:17 | 72.8868056 | Deploying | 2 | 9420 | 5.31 | 4.03 | 5.35 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:17 | 72.8871528 | Deploying | 2 | 9450 | 5.3 | 4.03 | 5.36 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:17 | 72.8871991 | Winding down 1569 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:18 | 72.8875000 | Deploying | 2 | 9480 | 5.36 | 4.09 | 5.38 | 7.89 | 2307 | 1641 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:18 | 72.8878472 | Deploying | 2 | 9510 | 5.37 | 4.09 | 5.4 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:19 | 72.8881944 | Deploying | 2 | 9540 | 5.37 | 4.09 | 5.41 | 7.87 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:19 | 72.8885417 | Deploying | 2 | 9570 | 5.37 | 4.09 | 5.43 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:19 | 72.8885764 | Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:20 | 72.8888889 | Deploying | 2 | 9600 | 5.43 | 4.15 | 5.45 | 7.86 | 2166 | 1619 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:20 | 72.8892361 | Deploying | 2 | 9630 | 5.43 | 4.15 | 5.46 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |

| Date/Time | Value | Status | Code | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 21:21 | 72.8895833 | Deploying | 2 | 9660 | 5.44 | 4.15 | 5.48 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:21 | 72.8899306 | Deploying | 2 | 9690 | 5.44 | 4.15 | 5.5 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:21 | 72.8899537 | Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:22 | 72.8902778 | Deploying | 2 | 9720 | 5.5 | 4.21 | 5.52 | 7.83 | 2165 | 1604 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:22 | 72.8906250 | Deploying | 2 | 9750 | 5.51 | 4.21 | 5.53 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:23 | 72.8909722 | Deploying | 2 | 9780 | 5.5 | 4.21 | 5.55 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:23 | 72.8913194 | Deploying | 2 | 9810 | 5.5 | 4.21 | 5.57 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:23 | 72.8913310 | Winding down 1776 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:24 | 72.8916667 | Deploying | 2 | 9840 | 5.57 | 4.28 | 5.58 | 7.86 | 2305 | 1653 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:24 | 72.8920139 | Deploying | 2 | 9870 | 5.57 | 4.28 | 5.6 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:25 | 72.8923611 | Deploying | 2 | 9900 | 5.58 | 4.28 | 5.62 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:25 | 72.8927083 | Deploying | 2 | 9930 | 5.58 | 4.28 | 5.63 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:25 | 72.8928125 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:26 | 72.8930556 | Deploying | 2 | 9960 | 5.63 | 4.34 | 5.65 | 7.84 | 2174 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:26 | 72.8934028 | Deploying | 2 | 9990 | 5.63 | 4.34 | 5.67 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:27 | 72.8937500 | Deploying | 2 | 10020 | 5.64 | 4.34 | 5.69 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:27 | 72.8940046 | Winding down 1449 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:27 | 72.8940972 | Deploying | 2 | 10050 | 5.66 | 4.39 | 5.7 | 7.89 | 2276 | 1629 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:28 | 72.8944444 | Deploying | 2 | 10080 | 5.7 | 4.39 | 5.72 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:28 | 72.8947917 | Deploying | 2 | 10110 | 5.7 | 4.39 | 5.74 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:29 | 72.8951389 | Deploying | 2 | 10140 | 5.7 | 4.39 | 5.75 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:29 | 72.8953704 | Winding down 1395 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:29 | 72.8954861 | Deploying | 2 | 10170 | 5.73 | 4.44 | 5.77 | 7.86 | 2261 | 1617 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:30 | 72.8958333 | Deploying | 2 | 10200 | 5.76 | 4.44 | 5.79 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:30 | 72.8961806 | Deploying | 2 | 10230 | 5.76 | 4.44 | 5.8 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:31 | 72.8965278 | Deploying | 2 | 10260 | 5.76 | 4.44 | 5.82 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:31 | 72.8967014 | Winding down 1775 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:31 | 72.8968750 | Deploying | 2 | 10290 | 5.8 | 4.51 | 5.84 | 7.87 | 2184 | 1622 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:32 | 72.8972222 | Deploying | 2 | 10320 | 5.83 | 4.51 | 5.86 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:32 | 72.8975694 | Deploying | 2 | 10350 | 5.84 | 4.51 | 5.87 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:33 | 72.8979167 | Deploying | 2 | 10380 | 5.84 | 4.51 | 5.89 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:33 | 72.8981597 | Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:33 | 72.8982639 | Deploying | 2 | 10410 | 5.85 | 4.57 | 5.91 | 7.84 | 2165 | 1618 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:34 | 72.8986111 | Deploying | 2 | 10440 | 5.91 | 4.57 | 5.92 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:34 | 72.8989583 | Deploying | 2 | 10470 | 5.91 | 4.57 | 5.94 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:35 | 72.8993056 | Deploying | 2 | 10500 | 5.91 | 4.57 | 5.96 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:35 | 72.8995255 | Winding down 1756 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:35 | 72.8996528 | Deploying | 2 | 10530 | 5.93 | 4.64 | 5.97 | 7.86 | 2146 | 1635 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:36 | 72.9000000 | Deploying | 2 | 10560 | 5.98 | 4.64 | 5.99 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:36 | 72.9003472 | Deploying | 2 | 10590 | 5.98 | 4.64 | 6.01 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:37 | 72.9006944 | Deploying | 2 | 10620 | 5.99 | 4.64 | 6.03 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:37 | 72.9010417 | Deploying | 2 | 10650 | 5.98 | 4.64 | 6.04 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:37 | 72.9010764 | Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:38 | 72.9013889 | Deploying | 2 | 10680 | 6.04 | 4.71 | 6.06 | 7.89 | 2174 | 1621 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:38 | 72.9017361 | Deploying | 2 | 10710 | 6.05 | 4.71 | 6.08 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:39 | 72.9020833 | Deploying | 2 | 10740 | 6.05 | 4.71 | 6.09 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:39 | 72.9024306 | Deploying | 2 | 10770 | 6.06 | 4.71 | 6.11 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:39 | 72.9024769 | Winding down 1469 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:40 | 72.9027778 | Deploying | 2 | 10800 | 6.11 | 4.76 | 6.13 | 7.84 | 2305 | 1615 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 21:40 | 72.9031250 | Deploying | 2 | 10830 | 6.12 | 4.76 | 6.14 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:41 | 72.9034722 | Deploying | 2 | 10860 | 6.13 | 4.76 | 6.16 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:41 | 72.9038194 | Deploying | 2 | 10890 | 6.11 | 4.76 | 6.18 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:41 | 72.9038773 | Winding down 1808 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:42 | 72.9041667 | Deploying | 2 | 10920 | 6.18 | 4.83 | 6.2 | 7.87 | 2307 | 1636 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:42 | 72.9045139 | Deploying | 2 | 10950 | 6.19 | 4.83 | 6.21 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:43 | 72.9048611 | Deploying | 2 | 10980 | 6.19 | 4.83 | 6.23 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:43 | 72.9052083 | Deploying | 2 | 11010 | 6.19 | 4.83 | 6.25 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:43 | 72.9053009 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:44 | 72.9055556 | Deploying | 2 | 11040 | 6.24 | 4.9 | 6.26 | 7.89 | 2181 | 1627 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:44 | 72.9059028 | Deploying | 2 | 11070 | 6.26 | 4.9 | 6.28 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:45 | 72.9062500 | Deploying | 2 | 11100 | 6.26 | 4.9 | 6.3 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:45 | 72.9065972 | Deploying | 2 | 11130 | 6.26 | 4.9 | 6.31 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:45 | 72.9066782 | Winding down 1286 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:46 | 72.9069444 | Deploying | 2 | 11160 | 6.3 | 4.94 | 6.33 | 7.87 | 2140 | 1612 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:46 | 72.9072917 | Deploying | 2 | 11190 | 6.31 | 4.94 | 6.35 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:47 | 72.9076389 | Deploying | 2 | 11220 | 6.32 | 4.94 | 6.37 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:47 | 72.9079861 | Deploying | 2 | 11250 | 6.32 | 4.94 | 6.38 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:47 | 72.9080324 | Winding down 1719 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:48 | 72.9083333 | Deploying | 2 | 11280 | 6.38 | 5.01 | 6.4 | 7.87 | 2297 | 1629 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:48 | 72.9086806 | Deploying | 2 | 11310 | 6.38 | 5.01 | 6.42 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:49 | 72.9090278 | Deploying | 2 | 11340 | 6.39 | 5.01 | 6.43 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:49 | 72.9093750 | Deploying | 2 | 11370 | 6.4 | 5.01 | 6.45 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:49 | 72.9094676 | Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:50 | 72.9097222 | Deploying | 2 | 11400 | 6.43 | 5.07 | 6.47 | 7.86 | 2161 | 1613 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:50 | 72.9100694 | Deploying | 2 | 11430 | 6.45 | 5.07 | 6.48 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:51 | 72.9104167 | Deploying | 2 | 11460 | 6.45 | 5.07 | 6.5 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:51 | 72.9106134 | Winding down 1628 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:51 | 72.9107639 | Deploying | 2 | 11490 | 6.47 | 5.13 | 6.52 | 7.87 | 2213 | 1604 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:52 | 72.9111111 | Deploying | 2 | 11520 | 6.51 | 5.13 | 6.54 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:52 | 72.9114583 | Deploying | 2 | 11550 | 6.51 | 5.13 | 6.55 | 7.86 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 21:53 | 72.9118056 | Deploying | 2 | 11580 | 6.52 | 5.13 | 6.57 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:53 | 72.9120486 | Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:53 | 72.9121528 | Deploying | 2 | 11610 | 6.53 | 5.19 | 6.59 | 7.87 | 2168 | 1625 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:54 | 72.9125000 | Deploying | 2 | 11640 | 6.59 | 5.19 | 6.6 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 21:54 | 72.9128472 | Deploying | 2 | 11670 | 6.6 | 5.19 | 6.62 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 21:55 | 72.9131944 | Deploying | 2 | 11700 | 6.59 | 5.19 | 6.64 | 7.86 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 21:55 | 72.9134259 | Winding down 1470 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:55 | 72.9135417 | Deploying | 2 | 11730 | 6.61 | 5.25 | 6.65 | 7.86 | 2304 | 1628 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:56 | 72.9138889 | Deploying | 2 | 11760 | 6.65 | 5.25 | 6.67 | 7.87 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:56 | 72.9142361 | Deploying | 2 | 11790 | 6.65 | 5.25 | 6.69 | 7.87 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 3/12/2016 21:57 | 72.9145833 | Deploying | 2 | 11820 | 6.64 | 5.25 | 6.71 | 7.87 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 21:57 | 72.9147106 | Winding down 1793 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:57 | 72.9149306 | Deploying | 2 | 11850 | 6.69 | 5.32 | 6.72 | 7.86 | 2196 | 1615 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:58 | 72.9152778 | Deploying | 2 | 11880 | 6.73 | 5.32 | 6.74 | 7.9 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:58 | 72.9156250 | Deploying | 2 | 11910 | 6.72 | 5.32 | 6.76 | 7.87 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 21:59 | 72.9159722 | Deploying | 2 | 11940 | 6.72 | 5.32 | 6.77 | 7.89 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 21:59 | 72.9161690 | Winding down 1353 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 21:59 | 72.9163194 | Deploying | 2 | 11970 | 6.75 | 5.37 | 6.79 | 7.89 | 2313 | 1640 | 0 | -1 | -1 | 0 | -1 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:00 | 72.9166667 | Deploying | 2 | 12000 | 6.79 | 5.37 | 6.81 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:00 | 72.9170139 | Deploying | 2 | 12030 | 6.78 | 5.37 | 6.82 | 7.84 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:01 | 72.9173611 | Deploying | 2 | 12060 | 6.78 | 5.37 | 6.84 | 7.86 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 3/12/2016 22:01 | 72.9174306 | Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:01 | 72.9177083 | Deploying | 2 | 12090 | 6.84 | 5.43 | 6.86 | 7.87 | 2302 | 1618 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:02 | 72.9180556 | Deploying | 2 | 12120 | 6.85 | 5.43 | 6.88 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:02 | 72.9184028 | Deploying | 2 | 12150 | 6.85 | 5.43 | 6.89 | 7.84 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:03 | 72.9187500 | Deploying | 2 | 12180 | 6.84 | 5.43 | 6.91 | 7.86 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:03 | 72.9187500 | Winding down 1662 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:03 | 72.9190972 | Deploying | 2 | 12210 | 6.92 | 5.49 | 6.93 | 7.9 | 2306 | 1638 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:04 | 72.9194444 | Deploying | 2 | 12240 | 6.92 | 5.49 | 6.94 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:04 | 72.9197917 | Deploying | 2 | 12270 | 6.93 | 5.49 | 6.96 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:05 | 72.9201389 | Deploying | 2 | 12300 | 6.93 | 5.49 | 6.98 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:05 | 72.9203819 | Winding down 1860 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:05 | 72.9204861 | Deploying | 2 | 12330 | 6.93 | 5.56 | 6.99 | 7.86 | 2228 | 1639 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:06 | 72.9208333 | Deploying | 2 | 12360 | 6.99 | 5.56 | 7.01 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:06 | 72.9211806 | Deploying | 2 | 12390 | 6.99 | 5.56 | 7.03 | 7.87 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:07 | 72.9215278 | Deploying | 2 | 12420 | 7 | 5.56 | 7.05 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:07 | 72.9216667 | Winding down 1382 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:07 | 72.9218750 | Deploying | 2 | 12450 | 7.03 | 5.61 | 7.06 | 7.89 | 2292 | 1642 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:08 | 72.9222222 | Deploying | 2 | 12480 | 7.05 | 5.61 | 7.08 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:08 | 72.9225694 | Deploying | 2 | 12510 | 7.05 | 5.61 | 7.1 | 7.86 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:09 | 72.9229167 | Deploying | 2 | 12540 | 7.06 | 5.61 | 7.11 | 7.87 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:09 | 72.9232176 | Winding down 2105 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:09 | 72.9232639 | Deploying | 2 | 12570 | 7.06 | 5.69 | 7.13 | 7.84 | 2266 | 1655 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:10 | 72.9236111 | Deploying | 2 | 12600 | 7.14 | 5.69 | 7.15 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:10 | 72.9239583 | Deploying | 2 | 12630 | 7.14 | 5.69 | 7.16 | 7.86 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:11 | 72.9243056 | Deploying | 2 | 12660 | 7.14 | 5.69 | 7.18 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:11 | 72.9246528 | Deploying | 2 | 12690 | 7.14 | 5.69 | 7.2 | 7.86 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:11 | 72.9247106 | Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:12 | 72.9250000 | Deploying | 2 | 12720 | 7.19 | 5.75 | 7.22 | 7.87 | 2147 | 1617 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:12 | 72.9253472 | Deploying | 2 | 12750 | 7.22 | 5.75 | 7.23 | 7.84 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:13 | 72.9256944 | Deploying | 2 | 12780 | 7.21 | 5.75 | 7.25 | 7.86 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:13 | 72.9260417 | Deploying | 2 | 12810 | 7.21 | 5.75 | 7.27 | 7.84 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:13 | 72.9261111 | Winding down 1372 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:14 | 72.9263889 | Deploying | 2 | 12840 | 7.26 | 5.81 | 7.28 | 7.87 | 2254 | 1600 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:14 | 72.9267361 | Deploying | 2 | 12870 | 7.26 | 5.81 | 7.3 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:15 | 72.9270833 | Deploying | 2 | 12900 | 7.26 | 5.81 | 7.32 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:15 | 72.9273148 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:15 | 72.9274306 | Deploying | 2 | 12930 | 7.28 | 5.87 | 7.33 | 7.87 | 2268 | 1611 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:16 | 72.9277778 | Deploying | 2 | 12960 | 7.33 | 5.87 | 7.35 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:16 | 72.9281250 | Deploying | 2 | 12990 | 7.33 | 5.87 | 7.37 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:17 | 72.9284722 | Deploying | 2 | 13020 | 7.33 | 5.87 | 7.39 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:17 | 72.9286806 | Winding down 1642 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:17 | 72.9288194 | Deploying | 2 | 13050 | 7.37 | 5.93 | 7.4 | 7.84 | 2232 | 1604 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:18 | 72.9291667 | Deploying | 2 | 13080 | 7.39 | 5.93 | 7.42 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:18 | 72.9295139 | Deploying | 2 | 13110 | 7.41 | 5.93 | 7.44 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:19 | 72.9298611 | Deploying | 2 | 13140 | 7.4 | 5.93 | 7.45 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:19 | 72.9302083 | Deploying | 2 | 13170 | 7.41 | 5.93 | 7.47 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:19 | 72.9302662 Winding down 1683 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:20 | 72.9305556 Deploying | 2 | 13200 | 7.46 | 6 | 7.49 | 7.86 | 2144 | 1602 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:20 | 72.9309028 Deploying | 2 | 13230 | 7.48 | 6 | 7.5 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:21 | 72.9312500 Deploying | 2 | 13260 | 7.48 | 6 | 7.52 | 7.86 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 3/12/2016 22:21 | 72.9315162 Winding down 1538 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:21 | 72.9315972 Deploying | 2 | 13290 | 7.49 | 6.06 | 7.54 | 7.86 | 2157 | 1623 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:22 | 72.9319444 Deploying | 2 | 13320 | 7.54 | 6.06 | 7.56 | 7.83 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:22 | 72.9322917 Deploying | 2 | 13350 | 7.53 | 6.06 | 7.57 | 7.87 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:23 | 72.9326389 Deploying | 2 | 13380 | 7.54 | 6.06 | 7.59 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:23 | 72.9328588 Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:23 | 72.9329861 Deploying | 2 | 13410 | 7.56 | 6.12 | 7.61 | 7.86 | 2149 | 1610 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:24 | 72.9333333 Deploying | 2 | 13440 | 7.59 | 6.12 | 7.62 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:24 | 72.9336806 Deploying | 2 | 13470 | 7.6 | 6.12 | 7.64 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:24 | 72.9340162 Winding down 1748 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:25 | 72.9340278 Deploying | 2 | 13500 | 7.59 | 6.18 | 7.66 | 7.81 | 2172 | 1608 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:25 | 72.9343750 Deploying | 2 | 13530 | 7.66 | 6.18 | 7.67 | 7.87 | 2172 | 86 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:26 | 72.9347222 Deploying | 2 | 13560 | 7.67 | 6.18 | 7.69 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:26 | 72.9350694 Deploying | 2 | 13590 | 7.66 | 6.18 | 7.71 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:26 | 72.9353472 Winding down 1452 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:27 | 72.9354167 Deploying | 2 | 13620 | 7.68 | 6.24 | 7.73 | 7.84 | 2195 | 1624 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:27 | 72.9357639 Deploying | 2 | 13650 | 7.73 | 6.24 | 7.74 | 7.86 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:28 | 72.9361111 Deploying | 2 | 13680 | 7.73 | 6.24 | 7.76 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:28 | 72.9364583 Deploying | 2 | 13710 | 7.73 | 6.24 | 7.78 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:28 | 72.9367361 Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:29 | 72.9368056 Deploying | 2 | 13740 | 7.74 | 6.3 | 7.79 | 7.89 | 2274 | 1605 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:29 | 72.9371528 Deploying | 2 | 13770 | 7.8 | 6.3 | 7.81 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:30 | 72.9375000 Deploying | 2 | 13800 | 7.8 | 6.3 | 7.83 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:30 | 72.9378472 Deploying | 2 | 13830 | 7.8 | 6.3 | 7.84 | 7.86 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:30 | 72.9381713 Winding down 1834 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:31 | 72.9381944 Deploying | 2 | 13860 | 7.79 | 6.37 | 7.86 | 7.76 | 2141 | 1618 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:31 | 72.9385417 Deploying | 2 | 13890 | 7.87 | 6.37 | 7.88 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:32 | 72.9388889 Deploying | 2 | 13920 | 7.87 | 6.37 | 7.9 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:32 | 72.9392361 Deploying | 2 | 13950 | 7.87 | 6.37 | 7.91 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:33 | 72.9395833 Deploying | 2 | 13980 | 7.87 | 6.37 | 7.93 | 7.89 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:33 | 72.9396181 Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:33 | 72.9399306 Deploying | 2 | 14010 | 7.93 | 6.43 | 7.95 | 7.86 | 2165 | 1616 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:34 | 72.9402778 Deploying | 2 | 14040 | 7.93 | 6.43 | 7.96 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:34 | 72.9406250 Deploying | 2 | 14070 | 7.93 | 6.43 | 7.98 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:34 | 72.9408565 Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:35 | 72.9409722 Deploying | 2 | 14100 | 7.95 | 6.49 | 8 | 7.86 | 2158 | 1609 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:35 | 72.9413194 Deploying | 2 | 14130 | 8 | 6.49 | 8.01 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:36 | 72.9416667 Deploying | 2 | 14160 | 8.01 | 6.49 | 8.03 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:36 | 72.9420139 Deploying | 2 | 14190 | 8.01 | 6.49 | 8.05 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:37 | 72.9423611 Deploying | 2 | 14220 | 8 | 6.49 | 8.07 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:37 | 72.9424190 Winding down 1633 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 22:37 | 72.9427083 Deploying | 2 | 14250 | 8.06 | 6.55 | 8.08 | 7.86 | 2148 | 1610 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:38 | 72.9430556 Deploying | 2 | 14280 | 8.07 | 6.55 | 8.1 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:38 | 72.9434028 Deploying | 2 | 14310 | 8.07 | 6.55 | 8.12 | 7.84 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:39 | 72.9437500 Deploying | 2 | 14340 | 8.08 | 6.55 | 8.13 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |

| Date/Time | Value | Status | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:39 | 72.9439005 | Winding down 1696 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:39 | 72.9440972 | Deploying | 2 | 14370 | 8.11 | 6.62 | 8.15 | 7.86 | 2307 | 1640 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:40 | 72.9444444 | Deploying | 2 | 14400 | 8.14 | 6.62 | 8.17 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:40 | 72.9447917 | Deploying | 2 | 14430 | 8.14 | 6.62 | 8.18 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:40 | 72.9451042 | Winding down 1670 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:41 | 72.9451389 | Deploying | 2 | 14460 | 8.14 | 6.68 | 8.2 | 7.84 | 2153 | 1618 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:41 | 72.9454861 | Deploying | 2 | 14490 | 8.22 | 6.68 | 8.22 | 7.86 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:42 | 72.9458333 | Deploying | 2 | 14520 | 8.22 | 6.68 | 8.24 | 7.87 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:42 | 72.9461806 | Deploying | 2 | 14550 | 8.21 | 6.68 | 8.25 | 7.86 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 3/12/2016 22:43 | 72.9465278 | Deploying | 2 | 14580 | 8.22 | 6.68 | 8.27 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:43 | 72.9466667 | Winding down 1432 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:43 | 72.9468750 | Deploying | 2 | 14610 | 8.26 | 6.74 | 8.29 | 7.86 | 2167 | 1614 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:44 | 72.9472222 | Deploying | 2 | 14640 | 8.27 | 6.74 | 8.3 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:44 | 72.9475694 | Deploying | 2 | 14670 | 8.27 | 6.74 | 8.32 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:44 | 72.9478588 | Winding down 1716 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:45 | 72.9479167 | Deploying | 2 | 14700 | 8.28 | 6.8 | 8.34 | 7.84 | 2300 | 1623 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:45 | 72.9482639 | Deploying | 2 | 14730 | 8.35 | 6.8 | 8.35 | 7.84 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 22:46 | 72.9486111 | Deploying | 2 | 14760 | 8.34 | 6.8 | 8.37 | 7.84 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 22:46 | 72.9489583 | Deploying | 2 | 14790 | 8.35 | 6.8 | 8.39 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:47 | 72.9493056 | Deploying | 2 | 14820 | 8.35 | 6.8 | 8.41 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:47 | 72.9494792 | Winding down 1675 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:47 | 72.9496528 | Deploying | 2 | 14850 | 8.38 | 6.87 | 8.42 | 7.87 | 2198 | 1637 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:48 | 72.9500000 | Deploying | 2 | 14880 | 8.42 | 6.87 | 8.44 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:48 | 72.9503472 | Deploying | 2 | 14910 | 8.42 | 6.87 | 8.46 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 22:49 | 72.9506944 | Deploying | 2 | 14940 | 8.42 | 6.87 | 8.47 | 7.84 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 22:49 | 72.9509028 | Winding down 1767 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:49 | 72.9510417 | Deploying | 2 | 14970 | 8.44 | 6.93 | 8.49 | 7.86 | 2311 | 1642 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:50 | 72.9513889 | Deploying | 2 | 15000 | 8.49 | 6.93 | 8.51 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:50 | 72.9517361 | Deploying | 2 | 15030 | 8.49 | 6.93 | 8.52 | 7.86 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 3/12/2016 22:51 | 72.9520833 | Deploying | 2 | 15060 | 8.49 | 6.93 | 8.54 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:51 | 72.9522569 | Winding down 1450 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:51 | 72.9524306 | Deploying | 2 | 15090 | 8.52 | 6.99 | 8.56 | 7.87 | 2299 | 1635 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:52 | 72.9527778 | Deploying | 2 | 15120 | 8.55 | 6.99 | 8.58 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:52 | 72.9531250 | Deploying | 2 | 15150 | 8.55 | 6.99 | 8.59 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:53 | 72.9534722 | Deploying | 2 | 15180 | 8.56 | 6.99 | 8.61 | 7.83 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 22:53 | 72.9534838 | Winding down 1451 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:53 | 72.9538194 | Deploying | 2 | 15210 | 8.6 | 7.04 | 8.63 | 7.84 | 2302 | 1638 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 22:54 | 72.9541667 | Deploying | 2 | 15240 | 8.61 | 7.04 | 8.64 | 7.86 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 22:54 | 72.9545139 | Deploying | 2 | 15270 | 8.61 | 7.04 | 8.66 | 7.84 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 3/12/2016 22:54 | 72.9548264 | Winding down 1695 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:55 | 72.9548611 | Deploying | 2 | 15300 | 8.62 | 7.11 | 8.68 | 7.86 | 2181 | 1610 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 22:55 | 72.9552083 | Deploying | 2 | 15330 | 8.68 | 7.11 | 8.69 | 7.81 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 22:56 | 72.9555556 | Deploying | 2 | 15360 | 8.68 | 7.11 | 8.71 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:56 | 72.9559028 | Deploying | 2 | 15390 | 8.68 | 7.11 | 8.73 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:56 | 72.9560764 | Winding down 1650 ticks | 3 | | | | | | | | | | |
| 3/12/2016 22:57 | 72.9562500 | Deploying | 2 | 15420 | 8.71 | 7.17 | 8.75 | 7.84 | 2142 | 1623 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:57 | 72.9565972 | Deploying | 2 | 15450 | 8.75 | 7.17 | 8.76 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:58 | 72.9569444 | Deploying | 2 | 15480 | 8.75 | 7.17 | 8.78 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:58 | 72.9572917 | Deploying | 2 | 15510 | 8.74 | 7.17 | 8.8 | 7.84 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 22:58 | 72.9574884 | Winding down 1528 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 22:59 | 72.9576389 | Deploying | 2 | 15540 | 8.78 | 7.23 | 8.81 | 7.86 | 2294 | 1652 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 22:59 | 72.9579861 | Deploying | 2 | 15570 | 8.81 | 7.23 | 8.83 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:00 | 72.9583333 | Deploying | 2 | 15600 | 8.82 | 7.23 | 8.85 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:00 | 72.9586806 | Deploying | 2 | 15630 | 8.81 | 7.23 | 8.86 | 7.86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:00 | 72.9589699 | Winding down 1616 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:01 | 72.9590278 | Deploying | 2 | 15660 | 8.83 | 7.29 | 8.88 | 7.83 | 2302 | 1618 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:01 | 72.9593750 | Deploying | 2 | 15690 | 8.87 | 7.29 | 8.9 | 7.81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:02 | 72.9597222 | Deploying | 2 | 15720 | 8.88 | 7.29 | 8.92 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:02 | 72.9600694 | Deploying | 2 | 15750 | 8.88 | 7.29 | 8.93 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:02 | 72.9602199 | Winding down 1621 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:03 | 72.9604167 | Deploying | 2 | 15780 | 8.91 | 7.36 | 8.95 | 7.86 | 2166 | 1600 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:03 | 72.9607639 | Deploying | 2 | 15810 | 8.94 | 7.36 | 8.97 | 7.81 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 23:04 | 72.9611111 | Deploying | 2 | 15840 | 8.94 | 7.36 | 8.98 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:04 | 72.9614583 | Deploying | 2 | 15870 | 8.94 | 7.36 | 9 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:04 | 72.9615856 | Winding down 1768 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:05 | 72.9618056 | Deploying | 2 | 15900 | 8.98 | 7.42 | 9.02 | 7.86 | 2311 | 1649 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 23:05 | 72.9621528 | Deploying | 2 | 15930 | 9.03 | 7.42 | 9.03 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:06 | 72.9625000 | Deploying | 2 | 15960 | 9.02 | 7.42 | 9.05 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:06 | 72.9628472 | Deploying | 2 | 15990 | 9.01 | 7.42 | 9.07 | 7.81 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:06 | 72.9630208 | Winding down 1574 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:07 | 72.9631944 | Deploying | 2 | 16020 | 9.05 | 7.48 | 9.09 | 7.83 | 2144 | 1618 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:07 | 72.9635417 | Deploying | 2 | 16050 | 9.08 | 7.48 | 9.1 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:08 | 72.9638889 | Deploying | 2 | 16080 | 9.08 | 7.48 | 9.12 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:08 | 72.9642361 | Deploying | 2 | 16110 | 9.09 | 7.48 | 9.14 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:08 | 72.9645718 | Winding down 1748 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:09 | 72.9645833 | Deploying | 2 | 16140 | 9.08 | 7.55 | 9.15 | 7.81 | 2309 | 1626 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:09 | 72.9649306 | Deploying | 2 | 16170 | 9.15 | 7.55 | 9.17 | 7.83 | 2309 | 78 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 23:10 | 72.9652778 | Deploying | 2 | 16200 | 9.16 | 7.55 | 9.19 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:10 | 72.9656250 | Deploying | 2 | 16230 | 9.16 | 7.55 | 9.2 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:11 | 72.9659722 | Deploying | 2 | 16260 | 9.16 | 7.55 | 9.22 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:11 | 72.9659722 | Winding down 1612 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:11 | 72.9663194 | Deploying | 2 | 16290 | 9.22 | 7.61 | 9.24 | 7.86 | 2302 | 1642 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:12 | 72.9666667 | Deploying | 2 | 16320 | 9.22 | 7.61 | 9.26 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:12 | 72.9670139 | Deploying | 2 | 16350 | 9.21 | 7.61 | 9.27 | 7.83 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:12 | 72.9671181 | Winding down 1515 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:13 | 72.9673611 | Deploying | 2 | 16380 | 9.27 | 7.67 | 9.29 | 7.87 | 2297 | 1638 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:13 | 72.9677083 | Deploying | 2 | 16410 | 9.29 | 7.67 | 9.31 | 7.83 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:14 | 72.9680556 | Deploying | 2 | 16440 | 9.29 | 7.67 | 9.32 | 7.83 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:14 | 72.9684028 | Deploying | 2 | 16470 | 9.29 | 7.67 | 9.34 | 7.83 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:14 | 72.9685532 | Winding down 1396 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:15 | 72.9687500 | Deploying | 2 | 16500 | 9.32 | 7.72 | 9.36 | 7.86 | 2175 | 1626 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 23:15 | 72.9690972 | Deploying | 2 | 16530 | 9.34 | 7.72 | 9.37 | 7.81 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:16 | 72.9694444 | Deploying | 2 | 16560 | 9.35 | 7.72 | 9.39 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:16 | 72.9697917 | Deploying | 2 | 16590 | 9.35 | 7.72 | 9.41 | 7.81 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 23:16 | 72.9698495 | Winding down 1583 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:17 | 72.9701389 | Deploying | 2 | 16620 | 9.4 | 7.78 | 9.43 | 7.83 | 2136 | 1609 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:17 | 72.9704861 | Deploying | 2 | 16650 | 9.41 | 7.78 | 9.44 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:18 | 72.9708333 | Deploying | 2 | 16680 | 9.41 | 7.78 | 9.46 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | State | Col | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:18 | 72.9710764 | Winding down 1660 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:18 | 72.9711806 | Deploying | 2 | 16710 | 9.43 | 7.85 | 9.48 | 7.84 | 2180 | 1624 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 23:19 | 72.9715278 | Deploying | 2 | 16740 | 9.48 | 7.85 | 9.49 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:19 | 72.9718750 | Deploying | 2 | 16770 | 9.48 | 7.85 | 9.51 | 7.84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:20 | 72.9722222 | Deploying | 2 | 16800 | 9.48 | 7.85 | 9.53 | 7.84 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:20 | 72.9723843 | Winding down 1535 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:20 | 72.9725694 | Deploying | 2 | 16830 | 9.51 | 7.91 | 9.54 | 7.83 | 2145 | 1610 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:21 | 72.9729167 | Deploying | 2 | 16860 | 9.54 | 7.91 | 9.56 | 7.81 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 23:21 | 72.9732639 | Deploying | 2 | 16890 | 9.54 | 7.91 | 9.58 | 7.81 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 23:22 | 72.9736111 | Deploying | 2 | 16920 | 9.54 | 7.91 | 9.6 | 7.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:22 | 72.9736921 | Winding down 1361 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:22 | 72.9739583 | Deploying | 2 | 16950 | 9.58 | 7.96 | 9.61 | 7.79 | 2304 | 1658 | 0 | 0 | 0 | 0 | 0 |
| 3/12/2016 23:23 | 72.9743056 | Deploying | 2 | 16980 | 9.6 | 7.96 | 9.63 | 7.84 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 3/12/2016 23:23 | 72.9746528 | Deploying | 2 | 17010 | 9.6 | 7.96 | 9.65 | 7.86 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 3/12/2016 23:24 | 72.9750000 | Deploying | 2 | 17040 | 9.6 | 7.96 | 9.66 | 7.83 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:24 | 72.9750463 | Winding down 1819 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:24 | 72.9753472 | Deploying | 2 | 17070 | 9.66 | 8.03 | 9.68 | 7.83 | 2207 | 1634 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:25 | 72.9756944 | Deploying | 2 | 17100 | 9.67 | 8.03 | 9.7 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:25 | 72.9760417 | Deploying | 2 | 17130 | 9.67 | 8.03 | 9.71 | 7.84 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:26 | 72.9763889 | Deploying | 2 | 17160 | 9.68 | 8.03 | 9.73 | 7.83 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 3/12/2016 23:26 | 72.9764815 | Winding down 1575 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:26 | 72.9767361 | Deploying | 2 | 17190 | 9.72 | 8.09 | 9.75 | 7.86 | 2171 | 1633 | 0 | 1 | 0 | 0 | 0 |
| 3/12/2016 23:27 | 72.9770833 | Deploying | 2 | 17220 | 9.74 | 8.09 | 9.77 | 7.83 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3/12/2016 23:27 | 72.9774306 | Deploying | 2 | 17250 | 9.76 | 8.09 | 9.78 | 7.83 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 3/12/2016 23:28 | 72.9777778 | Deploying | 2 | 17280 | 9.77 | 8.09 | 9.8 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:28 | 72.9781250 | Deploying | 2 | 17310 | 9.77 | 8.09 | 9.82 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:28 | 72.9784259 | Winding down 1430 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:29 | 72.9784722 | Deploying | 2 | 17340 | 9.78 | 8.14 | 9.83 | 7.81 | 2210 | 1620 | 0 | -5 | -3 | -3 | -3 |
| 3/12/2016 23:29 | 72.9788194 | Deploying | 2 | 17370 | 9.84 | 8.14 | 9.85 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:30 | 72.9791667 | Deploying | 2 | 17400 | 9.84 | 8.14 | 9.87 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 3/12/2016 23:30 | 72.9795139 | Deploying | 2 | 17430 | 9.83 | 8.14 | 9.88 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:30 | 72.9797685 | Winding down 1549 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:31 | 72.9798611 | Deploying | 2 | 17460 | 9.85 | 8.2 | 9.9 | 7.83 | 2320 | 1674 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:31 | 72.9802083 | Deploying | 2 | 17490 | 9.91 | 8.2 | 9.92 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:32 | 72.9805556 | Deploying | 2 | 17520 | 9.9 | 8.2 | 9.94 | 7.84 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 23:32 | 72.9809028 | Deploying | 2 | 17550 | 9.91 | 8.2 | 9.95 | 7.84 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 3/12/2016 23:32 | 72.9812384 | Winding down 1748 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:33 | 72.9812500 | Deploying | 2 | 17580 | 9.9 | 8.27 | 9.97 | 7.81 | 2160 | 1610 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:33 | 72.9815972 | Deploying | 2 | 17610 | 9.97 | 8.27 | 9.99 | 7.84 | 2160 | 94 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:34 | 72.9819444 | Deploying | 2 | 17640 | 9.98 | 8.27 | 10 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 23:34 | 72.9822917 | Deploying | 2 | 17670 | 9.98 | 8.27 | 10.02 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:35 | 72.9826389 | Deploying | 2 | 17700 | 9.98 | 8.27 | 10.04 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:35 | 72.9826389 | Winding down 1587 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:35 | 72.9829861 | Deploying | 2 | 17730 | 10.04 | 8.33 | 10.05 | 7.83 | 2301 | 1624 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:36 | 72.9833333 | Deploying | 2 | 17760 | 10.05 | 8.33 | 10.07 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:36 | 72.9836806 | Deploying | 2 | 17790 | 10.04 | 8.33 | 10.09 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:36 | 72.9838542 | Winding down 1375 ticks | 3 | | | | | | | | | | | |
| 3/12/2016 23:37 | 72.9840278 | Deploying | 2 | 17820 | 10.07 | 8.38 | 10.11 | 7.83 | 2177 | 1617 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:37 | 72.9843750 | Deploying | 2 | 17850 | 10.1 | 8.38 | 10.12 | 7.83 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |

| 3/12/2016 23:38 | 72.9847222 Deploying | 2 | 17880 | 10.1 | 8.38 | 10.14 | 7.84 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:38 | 72.9850694 Deploying | 2 | 17910 | 10.1 | 8.38 | 10.16 | 7.81 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 23:38 | 72.9853009 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:39 | 72.9854167 Deploying | 2 | 17940 | 10.13 | 8.45 | 10.17 | 7.84 | 2318 | 1657 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:39 | 72.9857639 Deploying | 2 | 17970 | 10.18 | 8.45 | 10.19 | 7.81 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:40 | 72.9861111 Deploying | 2 | 18000 | 10.17 | 8.45 | 10.21 | 7.83 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:40 | 72.9864583 Deploying | 2 | 18030 | 10.17 | 8.45 | 10.22 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 23:40 | 72.9864931 Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:41 | 72.9868056 Deploying | 2 | 18060 | 10.22 | 8.5 | 10.24 | 7.81 | 2179 | 1617 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:41 | 72.9871528 Deploying | 2 | 18090 | 10.23 | 8.5 | 10.26 | 7.83 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 3/12/2016 23:42 | 72.9875000 Deploying | 2 | 18120 | 10.24 | 8.5 | 10.28 | 7.81 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 23:42 | 72.9878472 Deploying | 2 | 18150 | 10.24 | 8.5 | 10.29 | 7.84 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 23:42 | 72.9880903 Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:43 | 72.9881944 Deploying | 2 | 18180 | 10.26 | 8.57 | 10.31 | 7.83 | 2185 | 1633 | 0 | -4 | -3 | -2 | -3 |
| 3/12/2016 23:43 | 72.9885417 Deploying | 2 | 18210 | 10.3 | 8.57 | 10.33 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:44 | 72.9888889 Deploying | 2 | 18240 | 10.29 | 8.57 | 10.34 | 7.79 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:44 | 72.9890972 Winding down 1492 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:44 | 72.9892361 Deploying | 2 | 18270 | 10.32 | 8.63 | 10.36 | 7.84 | 2174 | 1618 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:45 | 72.9895833 Deploying | 2 | 18300 | 10.37 | 8.63 | 10.38 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:45 | 72.9899306 Deploying | 2 | 18330 | 10.37 | 8.63 | 10.39 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:46 | 72.9902778 Deploying | 2 | 18360 | 10.36 | 8.63 | 10.41 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:46 | 72.9904514 Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:46 | 72.9906250 Deploying | 2 | 18390 | 10.39 | 8.69 | 10.43 | 7.84 | 2198 | 1599 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:47 | 72.9909722 Deploying | 2 | 18420 | 10.42 | 8.69 | 10.45 | 7.83 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 3/12/2016 23:47 | 72.9913194 Deploying | 2 | 18450 | 10.43 | 8.69 | 10.46 | 7.83 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:48 | 72.9916667 Deploying | 2 | 18480 | 10.42 | 8.69 | 10.48 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:48 | 72.9917940 Winding down 1668 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:48 | 72.9920139 Deploying | 2 | 18510 | 10.46 | 8.75 | 10.5 | 7.79 | 2167 | 1621 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:49 | 72.9923611 Deploying | 2 | 18540 | 10.49 | 8.75 | 10.51 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:49 | 72.9927083 Deploying | 2 | 18570 | 10.5 | 8.75 | 10.53 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:50 | 72.9930556 Deploying | 2 | 18600 | 10.49 | 8.75 | 10.55 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:50 | 72.9932060 Winding down 1546 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:50 | 72.9934028 Deploying | 2 | 18630 | 10.53 | 8.81 | 10.56 | 7.83 | 2171 | 1619 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 23:51 | 72.9937500 Deploying | 2 | 18660 | 10.55 | 8.81 | 10.58 | 7.79 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 23:51 | 72.9940972 Deploying | 2 | 18690 | 10.56 | 8.81 | 10.6 | 7.86 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/12/2016 23:52 | 72.9944444 Deploying | 2 | 18720 | 10.56 | 8.81 | 10.62 | 7.81 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 23:52 | 72.9946296 Winding down 1839 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:52 | 72.9947917 Deploying | 2 | 18750 | 10.59 | 8.88 | 10.63 | 7.81 | 2129 | 1617 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 23:53 | 72.9951389 Deploying | 2 | 18780 | 10.64 | 8.88 | 10.65 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:53 | 72.9954861 Deploying | 2 | 18810 | 10.64 | 8.88 | 10.67 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:54 | 72.9958333 Deploying | 2 | 18840 | 10.63 | 8.88 | 10.68 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/12/2016 23:54 | 72.9960417 Winding down 1517 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:54 | 72.9961806 Deploying | 2 | 18870 | 10.65 | 8.94 | 10.7 | 7.83 | 2302 | 1644 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:55 | 72.9965278 Deploying | 2 | 18900 | 10.7 | 8.94 | 10.72 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:55 | 72.9968750 Deploying | 2 | 18930 | 10.7 | 8.94 | 10.73 | 7.86 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:56 | 72.9972222 Deploying | 2 | 18960 | 10.7 | 8.94 | 10.75 | 7.84 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 3/12/2016 23:56 | 72.9972685 Winding down 1469 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:56 | 72.9975694 Deploying | 2 | 18990 | 10.75 | 9 | 10.77 | 7.81 | 2171 | 1636 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:57 | 72.9979167 Deploying | 2 | 19020 | 10.75 | 9 | 10.79 | 7.81 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |

| Date/Time | Value | Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12/2016 23:57 | 72.9982639 | Deploying | 2 | 19050 | 10.77 | 9 | 10.8 | 7.81 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/12/2016 23:58 | 72.9986111 | Deploying | 2 | 19080 | 10.75 | 9 | 10.82 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:58 | 72.9987037 | Winding down 1725 ticks | 3 | | | | | | | | | | | | |
| 3/12/2016 23:58 | 72.9989583 | Deploying | 2 | 19110 | 10.8 | 9.06 | 10.84 | 7.84 | 2303 | 1662 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:59 | 72.9993056 | Deploying | 2 | 19140 | 10.82 | 9.06 | 10.85 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/12/2016 23:59 | 72.9996528 | Deploying | 2 | 19170 | 10.83 | 9.06 | 10.87 | 7.83 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 0:00 | 73.0000000 | Deploying | 2 | 19200 | 10.83 | 9.06 | 10.89 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:00 | 73.0000579 | Winding down 1383 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:00 | 73.0003472 | Deploying | 2 | 19230 | 10.88 | 9.11 | 10.9 | 7.83 | 2149 | 1612 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 0:01 | 73.0006944 | Deploying | 2 | 19260 | 10.88 | 9.11 | 10.92 | 7.78 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:01 | 73.0010417 | Deploying | 2 | 19290 | 10.89 | 9.11 | 10.94 | 7.78 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:01 | 73.0012269 | Winding down 1389 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:02 | 73.0013889 | Deploying | 2 | 19320 | 10.9 | 9.17 | 10.96 | 7.81 | 2180 | 1619 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:02 | 73.0017361 | Deploying | 2 | 19350 | 10.94 | 9.17 | 10.97 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:03 | 73.0020833 | Deploying | 2 | 19380 | 10.95 | 9.17 | 10.99 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:03 | 73.0022917 | Winding down 1592 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:03 | 73.0024306 | Deploying | 2 | 19410 | 10.96 | 9.23 | 11.01 | 7.81 | 2290 | 1644 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:04 | 73.0027778 | Deploying | 2 | 19440 | 11 | 9.23 | 11.02 | 7.83 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 0:04 | 73.0031250 | Deploying | 2 | 19470 | 11 | 9.23 | 11.04 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:05 | 73.0034722 | Deploying | 2 | 19500 | 11.01 | 9.23 | 11.06 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:05 | 73.0036574 | Winding down 1414 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:05 | 73.0038194 | Deploying | 2 | 19530 | 11.03 | 9.28 | 11.07 | 7.83 | 2188 | 1638 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 0:06 | 73.0041667 | Deploying | 2 | 19560 | 11.06 | 9.28 | 11.09 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:06 | 73.0045139 | Deploying | 2 | 19590 | 11.07 | 9.28 | 11.11 | 7.86 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:07 | 73.0048611 | Deploying | 2 | 19620 | 11.07 | 9.28 | 11.13 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:07 | 73.0050000 | Winding down 1832 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:07 | 73.0052083 | Deploying | 2 | 19650 | 11.1 | 9.35 | 11.14 | 7.81 | 2153 | 1624 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 0:08 | 73.0055556 | Deploying | 2 | 19680 | 11.13 | 9.35 | 11.16 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:08 | 73.0059028 | Deploying | 2 | 19710 | 11.14 | 9.35 | 11.18 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:09 | 73.0062500 | Deploying | 2 | 19740 | 11.14 | 9.35 | 11.19 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:09 | 73.0063310 | Winding down 1411 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:09 | 73.0065972 | Deploying | 2 | 19770 | 11.19 | 9.41 | 11.21 | 7.81 | 2193 | 1643 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:10 | 73.0069444 | Deploying | 2 | 19800 | 11.19 | 9.41 | 11.23 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:10 | 73.0072917 | Deploying | 2 | 19830 | 11.2 | 9.41 | 11.24 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:11 | 73.0076389 | Deploying | 2 | 19860 | 11.21 | 9.41 | 11.26 | 7.79 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 0:11 | 73.0077778 | Winding down 1932 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:11 | 73.0079861 | Deploying | 2 | 19890 | 11.23 | 9.48 | 11.28 | 7.84 | 2309 | 1666 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 0:12 | 73.0083333 | Deploying | 2 | 19920 | 11.28 | 9.48 | 11.3 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:12 | 73.0086806 | Deploying | 2 | 19950 | 11.27 | 9.48 | 11.31 | 7.81 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 0:12 | 73.0088657 | Winding down 1464 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:13 | 73.0090278 | Deploying | 2 | 19980 | 11.3 | 9.54 | 11.33 | 7.79 | 2227 | 1598 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:13 | 73.0093750 | Deploying | 2 | 20010 | 11.33 | 9.54 | 11.35 | 7.79 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 0:14 | 73.0097222 | Deploying | 2 | 20040 | 11.34 | 9.54 | 11.36 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:14 | 73.0100694 | Deploying | 2 | 20070 | 11.33 | 9.54 | 11.38 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:15 | 73.0104167 | Deploying | 2 | 20100 | 11.33 | 9.54 | 11.4 | 7.78 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 0:15 | 73.0104514 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:15 | 73.0107639 | Deploying | 2 | 20130 | 11.39 | 9.6 | 11.41 | 7.83 | 2171 | 1629 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:16 | 73.0111111 | Deploying | 2 | 20160 | 11.4 | 9.6 | 11.43 | 7.83 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 0:16 | 73.0114583 | Deploying | 2 | 20190 | 11.4 | 9.6 | 11.45 | 7.81 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |

| Date | Value | Status | | Col | V1 | V2 | V3 | V4 | A | B | C | D1 | D2 | D3 | D4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:16 | 73.0117245 | Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:17 | 73.0118056 | Deploying | 2 | 20220 | 11.42 | 9.67 | 11.47 | 7.81 | 2291 | 1623 | 0 | -3 | -3 | -3 | -3 |
| 3/13/2016 0:17 | 73.0121528 | Deploying | 2 | 20250 | 11.47 | 9.67 | 11.48 | 7.84 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 0:18 | 73.0125000 | Deploying | 2 | 20280 | 11.48 | 9.67 | 11.5 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 0:18 | 73.0128472 | Deploying | 2 | 20310 | 11.48 | 9.67 | 11.52 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:19 | 73.0131944 | Deploying | 2 | 20340 | 11.47 | 9.67 | 11.53 | 7.83 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 0:19 | 73.0133218 | Winding down 1793 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:19 | 73.0135417 | Deploying | 2 | 20370 | 11.52 | 9.74 | 11.55 | 7.81 | 2132 | 1620 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:20 | 73.0138889 | Deploying | 2 | 20400 | 11.56 | 9.74 | 11.57 | 7.83 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:20 | 73.0142361 | Deploying | 2 | 20430 | 11.55 | 9.74 | 11.58 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:21 | 73.0145833 | Deploying | 2 | 20460 | 11.55 | 9.74 | 11.6 | 7.83 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:21 | 73.0147338 | Winding down 1521 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:21 | 73.0149306 | Deploying | 2 | 20490 | 11.6 | 9.8 | 11.62 | 7.81 | 2248 | 1628 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:22 | 73.0152778 | Deploying | 2 | 20520 | 11.61 | 9.8 | 11.64 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:22 | 73.0156250 | Deploying | 2 | 20550 | 11.61 | 9.8 | 11.65 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:23 | 73.0159722 | Deploying | 2 | 20580 | 11.62 | 9.8 | 11.67 | 7.81 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 3/13/2016 0:23 | 73.0163194 | Deploying | 2 | 20610 | 11.62 | 9.8 | 11.69 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:23 | 73.0163194 | Winding down 1812 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:24 | 73.0166667 | Deploying | 2 | 20640 | 11.69 | 9.87 | 11.7 | 7.86 | 2173 | 1624 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:24 | 73.0170139 | Deploying | 2 | 20670 | 11.69 | 9.87 | 11.72 | 7.84 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 0:25 | 73.0173611 | Deploying | 2 | 20700 | 11.69 | 9.87 | 11.74 | 7.84 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:25 | 73.0175694 | Winding down 1517 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:25 | 73.0177083 | Deploying | 2 | 20730 | 11.72 | 9.93 | 11.75 | 7.81 | 2187 | 1627 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:26 | 73.0180556 | Deploying | 2 | 20760 | 11.75 | 9.93 | 11.77 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:26 | 73.0184028 | Deploying | 2 | 20790 | 11.75 | 9.93 | 11.79 | 7.78 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:27 | 73.0187500 | Deploying | 2 | 20820 | 11.76 | 9.93 | 11.81 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:27 | 73.0188310 | Winding down 1511 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:27 | 73.0190972 | Deploying | 2 | 20850 | 11.8 | 9.98 | 11.82 | 7.84 | 2187 | 1630 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:28 | 73.0194444 | Deploying | 2 | 20880 | 11.8 | 9.98 | 11.84 | 7.84 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:28 | 73.0197917 | Deploying | 2 | 20910 | 11.8 | 9.98 | 11.86 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:28 | 73.0199306 | Winding down 1482 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:29 | 73.0201389 | Deploying | 2 | 20940 | 11.85 | 10.04 | 11.87 | 7.83 | 2294 | 1646 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 0:29 | 73.0204861 | Deploying | 2 | 20970 | 11.88 | 10.04 | 11.89 | 7.84 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 0:30 | 73.0208333 | Deploying | 2 | 21000 | 11.89 | 10.04 | 11.91 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:30 | 73.0211806 | Deploying | 2 | 21030 | 11.87 | 10.04 | 11.92 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:30 | 73.0214120 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:31 | 73.0215278 | Deploying | 2 | 21060 | 11.89 | 10.11 | 11.94 | 7.81 | 2171 | 1622 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:31 | 73.0218750 | Deploying | 2 | 21090 | 11.94 | 10.11 | 11.96 | 7.83 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:32 | 73.0222222 | Deploying | 2 | 21120 | 11.95 | 10.11 | 11.98 | 7.83 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 0:32 | 73.0225694 | Deploying | 2 | 21150 | 11.96 | 10.11 | 11.99 | 7.83 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:32 | 73.0229051 | Winding down 1623 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:33 | 73.0229167 | Deploying | 2 | 21180 | 11.95 | 10.17 | 12.01 | 7.86 | 2304 | 1658 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:33 | 73.0232639 | Deploying | 2 | 21210 | 12.01 | 10.17 | 12.03 | 7.79 | 2304 | 104 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:34 | 73.0236111 | Deploying | 2 | 21240 | 12.02 | 10.17 | 12.04 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:34 | 73.0239583 | Deploying | 2 | 21270 | 12.01 | 10.17 | 12.06 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:34 | 73.0242130 | Winding down 1749 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:35 | 73.0243056 | Deploying | 2 | 21300 | 12.03 | 10.24 | 12.08 | 7.84 | 2201 | 1629 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:35 | 73.0246528 | Deploying | 2 | 21330 | 12.07 | 10.24 | 12.09 | 7.81 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 0:36 | 73.0250000 | Deploying | 2 | 21360 | 12.08 | 10.24 | 12.11 | 7.81 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:36 | 73.0253472 Deploying | 2 | 21390 | 12.07 | 10.24 | 12.13 | 7.81 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 0:36 | 73.0254977 Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:37 | 73.0256944 Deploying | 2 | 21420 | 12.12 | 10.3 | 12.15 | 7.81 | 2313 | 1664 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:37 | 73.0260417 Deploying | 2 | 21450 | 12.15 | 10.3 | 12.16 | 7.84 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:38 | 73.0263889 Deploying | 2 | 21480 | 12.15 | 10.3 | 12.18 | 7.84 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:38 | 73.0267361 Deploying | 2 | 21510 | 12.15 | 10.3 | 12.2 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:39 | 73.0270833 Deploying | 2 | 21540 | 12.15 | 10.3 | 12.21 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:39 | 73.0271644 Winding down 1936 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:39 | 73.0274306 Deploying | 2 | 21570 | 12.19 | 10.37 | 12.23 | 7.81 | 2281 | 1649 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:40 | 73.0277778 Deploying | 2 | 21600 | 12.22 | 10.37 | 12.25 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:40 | 73.0281250 Deploying | 2 | 21630 | 12.22 | 10.37 | 12.26 | 7.83 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 0:41 | 73.0284722 Deploying | 2 | 21660 | 12.24 | 10.37 | 12.28 | 7.79 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 0:41 | 73.0286921 Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:41 | 73.0288194 Deploying | 2 | 21690 | 12.25 | 10.43 | 12.3 | 7.79 | 2298 | 1624 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:42 | 73.0291667 Deploying | 2 | 21720 | 12.3 | 10.43 | 12.32 | 7.86 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:42 | 73.0295139 Deploying | 2 | 21750 | 12.3 | 10.43 | 12.33 | 7.81 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 0:43 | 73.0298611 Deploying | 2 | 21780 | 12.3 | 10.43 | 12.35 | 7.83 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:43 | 73.0300810 Winding down 1831 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:43 | 73.0302083 Deploying | 2 | 21810 | 12.32 | 10.5 | 12.37 | 7.81 | 2140 | 1612 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:44 | 73.0305556 Deploying | 2 | 21840 | 12.36 | 10.5 | 12.38 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:44 | 73.0309028 Deploying | 2 | 21870 | 12.38 | 10.5 | 12.4 | 7.83 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:45 | 73.0312500 Deploying | 2 | 21900 | 12.37 | 10.5 | 12.42 | 7.84 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:45 | 73.0315972 Deploying | 2 | 21930 | 12.38 | 10.5 | 12.43 | 7.81 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 0:45 | 73.0316088 Winding down 1526 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:46 | 73.0319444 Deploying | 2 | 21960 | 12.43 | 10.56 | 12.45 | 7.79 | 2279 | 1635 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:46 | 73.0322917 Deploying | 2 | 21990 | 12.43 | 10.56 | 12.47 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:47 | 73.0326389 Deploying | 2 | 22020 | 12.44 | 10.56 | 12.49 | 7.83 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 0:47 | 73.0328819 Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:47 | 73.0329861 Deploying | 2 | 22050 | 12.46 | 10.62 | 12.5 | 7.81 | 2318 | 1668 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:48 | 73.0333333 Deploying | 2 | 22080 | 12.5 | 10.62 | 12.52 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:48 | 73.0336806 Deploying | 2 | 22110 | 12.5 | 10.62 | 12.54 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:49 | 73.0340278 Deploying | 2 | 22140 | 12.5 | 10.62 | 12.55 | 7.84 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 0:49 | 73.0342130 Winding down 1439 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:49 | 73.0343750 Deploying | 2 | 22170 | 12.54 | 10.68 | 12.57 | 7.83 | 2301 | 1666 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:50 | 73.0347222 Deploying | 2 | 22200 | 12.56 | 10.68 | 12.59 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:50 | 73.0350694 Deploying | 2 | 22230 | 12.55 | 10.68 | 12.6 | 7.84 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 0:50 | 73.0353356 Winding down 1363 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:51 | 73.0354167 Deploying | 2 | 22260 | 12.57 | 10.73 | 12.62 | 7.83 | 2305 | 1657 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 0:51 | 73.0357639 Deploying | 2 | 22290 | 12.62 | 10.73 | 12.64 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:52 | 73.0361111 Deploying | 2 | 22320 | 12.62 | 10.73 | 12.66 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 0:52 | 73.0364583 Deploying | 2 | 22350 | 12.62 | 10.73 | 12.67 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:52 | 73.0366319 Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:53 | 73.0368056 Deploying | 2 | 22380 | 12.65 | 10.8 | 12.69 | 7.84 | 2281 | 1640 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:53 | 73.0371528 Deploying | 2 | 22410 | 12.7 | 10.8 | 12.71 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:54 | 73.0375000 Deploying | 2 | 22440 | 12.7 | 10.8 | 12.72 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:54 | 73.0378472 Deploying | 2 | 22470 | 12.71 | 10.8 | 12.74 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:55 | 73.0381944 Deploying | 2 | 22500 | 12.7 | 10.8 | 12.76 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:55 | 73.0382639 Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:55 | 73.0385417 Deploying | 2 | 22530 | 12.75 | 10.86 | 12.77 | 7.79 | 2306 | 1626 | 0 | -3 | -2 | -2 | -2 |

| Date/Time | Value | Status | Mode | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 0:56 | 73.0388889 | Deploying | 2 | 22560 | 12.76 | 10.86 | 12.79 | 7.83 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 0:56 | 73.0392361 | Deploying | 2 | 22590 | 12.76 | 10.86 | 12.81 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:56 | 73.0394444 | Winding down 1592 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:57 | 73.0395833 | Deploying | 2 | 22620 | 12.79 | 10.92 | 12.83 | 7.84 | 2302 | 1655 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:57 | 73.0399306 | Deploying | 2 | 22650 | 12.82 | 10.92 | 12.84 | 7.83 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 0:58 | 73.0402778 | Deploying | 2 | 22680 | 12.82 | 10.92 | 12.86 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:58 | 73.0406250 | Deploying | 2 | 22710 | 12.83 | 10.92 | 12.88 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:58 | 73.0408565 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 0:59 | 73.0409722 | Deploying | 2 | 22740 | 12.84 | 10.98 | 12.89 | 7.83 | 2261 | 1619 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 0:59 | 73.0413194 | Deploying | 2 | 22770 | 12.9 | 10.98 | 12.91 | 7.81 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 1:00 | 73.0416667 | Deploying | 2 | 22800 | 12.89 | 10.98 | 12.93 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:00 | 73.0420139 | Deploying | 2 | 22830 | 12.89 | 10.98 | 12.94 | 7.79 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 1:00 | 73.0421181 | Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:01 | 73.0423611 | Deploying | 2 | 22860 | 12.94 | 11.03 | 12.96 | 7.83 | 2302 | 1632 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 1:01 | 73.0427083 | Deploying | 2 | 22890 | 12.95 | 11.03 | 12.98 | 7.83 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:02 | 73.0430556 | Deploying | 2 | 22920 | 12.95 | 11.03 | 13 | 7.83 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:02 | 73.0434028 | Deploying | 2 | 22950 | 12.96 | 11.03 | 13.01 | 7.86 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:02 | 73.0435417 | Winding down 1507 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:03 | 73.0437500 | Deploying | 2 | 22980 | 12.99 | 11.09 | 13.03 | 7.86 | 2309 | 1643 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 1:03 | 73.0440972 | Deploying | 2 | 23010 | 13.03 | 11.09 | 13.05 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:04 | 73.0444444 | Deploying | 2 | 23040 | 13.01 | 11.09 | 13.06 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:04 | 73.0446759 | Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:04 | 73.0447917 | Deploying | 2 | 23070 | 13.03 | 11.15 | 13.08 | 7.81 | 2299 | 1663 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:05 | 73.0451389 | Deploying | 2 | 23100 | 13.08 | 11.15 | 13.1 | 7.81 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 3/13/2016 1:05 | 73.0454861 | Deploying | 2 | 23130 | 13.08 | 11.15 | 13.11 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:06 | 73.0458333 | Deploying | 2 | 23160 | 13.08 | 11.15 | 13.13 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:06 | 73.0460764 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:06 | 73.0461806 | Deploying | 2 | 23190 | 13.09 | 11.21 | 13.15 | 7.79 | 2312 | 1639 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:07 | 73.0465278 | Deploying | 2 | 23220 | 13.15 | 11.21 | 13.17 | 7.81 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 1:07 | 73.0468750 | Deploying | 2 | 23250 | 13.15 | 11.21 | 13.18 | 7.81 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 3/13/2016 1:08 | 73.0472222 | Deploying | 2 | 23280 | 13.14 | 11.21 | 13.2 | 7.83 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:08 | 73.0473380 | Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:08 | 73.0475694 | Deploying | 2 | 23310 | 13.19 | 11.27 | 13.22 | 7.79 | 2188 | 1626 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:09 | 73.0479167 | Deploying | 2 | 23340 | 13.21 | 11.27 | 13.23 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:09 | 73.0482639 | Deploying | 2 | 23370 | 13.21 | 11.27 | 13.25 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:10 | 73.0486111 | Deploying | 2 | 23400 | 13.21 | 11.27 | 13.27 | 7.81 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 1:10 | 73.0487847 | Winding down 1750 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:10 | 73.0489583 | Deploying | 2 | 23430 | 13.25 | 11.34 | 13.28 | 7.83 | 2158 | 1619 | 0 | -2 | -3 | -3 | -3 |
| 3/13/2016 1:11 | 73.0493056 | Deploying | 2 | 23460 | 13.29 | 11.34 | 13.3 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:11 | 73.0496528 | Deploying | 2 | 23490 | 13.29 | 11.34 | 13.32 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:12 | 73.0500000 | Deploying | 2 | 23520 | 13.3 | 11.34 | 13.34 | 7.81 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 3/13/2016 1:12 | 73.0503472 | Deploying | 2 | 23550 | 13.28 | 11.34 | 13.35 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:12 | 73.0503588 | Winding down 1776 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:13 | 73.0506944 | Deploying | 2 | 23580 | 13.36 | 11.41 | 13.37 | 7.83 | 2205 | 1637 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:13 | 73.0510417 | Deploying | 2 | 23610 | 13.36 | 11.41 | 13.39 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:14 | 73.0513889 | Deploying | 2 | 23640 | 13.34 | 11.41 | 13.4 | 7.78 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:14 | 73.0515278 | Winding down 1607 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:14 | 73.0517361 | Deploying | 2 | 23670 | 13.39 | 11.47 | 13.42 | 7.84 | 2185 | 1639 | 0 | -3 | -3 | -2 | -3 |
| 3/13/2016 1:15 | 73.0520833 | Deploying | 2 | 23700 | 13.43 | 11.47 | 13.44 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:15 | 73.0524306 Deploying | 2 | 23730 | 13.43 | 11.47 | 13.45 | 7.83 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:16 | 73.0527778 Deploying | 2 | 23760 | 13.43 | 11.47 | 13.47 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:16 | 73.0531250 Deploying | 2 | 23790 | 13.43 | 11.47 | 13.49 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:16 | 73.0531366 Winding down 1451 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:17 | 73.0534722 Deploying | 2 | 23820 | 13.48 | 11.53 | 13.51 | 7.83 | 2315 | 1658 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:17 | 73.0538194 Deploying | 2 | 23850 | 13.48 | 11.53 | 13.52 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:18 | 73.0541667 Deploying | 2 | 23880 | 13.48 | 11.53 | 13.54 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:18 | 73.0543634 Winding down 1778 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:18 | 73.0545139 Deploying | 2 | 23910 | 13.52 | 11.59 | 13.56 | 7.83 | 2303 | 1628 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:19 | 73.0548611 Deploying | 2 | 23940 | 13.56 | 11.59 | 13.57 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:19 | 73.0552083 Deploying | 2 | 23970 | 13.56 | 11.59 | 13.59 | 7.84 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:20 | 73.0555556 Deploying | 2 | 24000 | 13.56 | 11.59 | 13.61 | 7.83 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:20 | 73.0559028 Deploying | 2 | 24030 | 13.58 | 11.59 | 13.62 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:20 | 73.0559954 Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:21 | 73.0562500 Deploying | 2 | 24060 | 13.61 | 11.65 | 13.64 | 7.83 | 2180 | 1630 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:21 | 73.0565972 Deploying | 2 | 24090 | 13.63 | 11.65 | 13.66 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:22 | 73.0569444 Deploying | 2 | 24120 | 13.63 | 11.65 | 13.68 | 7.83 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 1:22 | 73.0572454 Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:22 | 73.0572917 Deploying | 2 | 24150 | 13.63 | 11.71 | 13.69 | 7.81 | 2316 | 1641 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:23 | 73.0576389 Deploying | 2 | 24180 | 13.7 | 11.71 | 13.71 | 7.79 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:23 | 73.0579861 Deploying | 2 | 24210 | 13.69 | 11.71 | 13.73 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:24 | 73.0583333 Deploying | 2 | 24240 | 13.7 | 11.71 | 13.74 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:24 | 73.0586806 Deploying | 2 | 24270 | 13.7 | 11.71 | 13.76 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:24 | 73.0587847 Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:25 | 73.0590278 Deploying | 2 | 24300 | 13.74 | 11.78 | 13.78 | 7.83 | 2286 | 1637 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:25 | 73.0593750 Deploying | 2 | 24330 | 13.77 | 11.78 | 13.79 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:26 | 73.0597222 Deploying | 2 | 24360 | 13.76 | 11.78 | 13.81 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:26 | 73.0598264 Winding down 1365 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:26 | 73.0600694 Deploying | 2 | 24390 | 13.8 | 11.83 | 13.83 | 7.81 | 2175 | 1630 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:27 | 73.0604167 Deploying | 2 | 24420 | 13.83 | 11.83 | 13.85 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:27 | 73.0607639 Deploying | 2 | 24450 | 13.82 | 11.83 | 13.86 | 7.79 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 1:28 | 73.0611111 Deploying | 2 | 24480 | 13.81 | 11.83 | 13.88 | 7.81 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 3/13/2016 1:28 | 73.0612037 Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:28 | 73.0614583 Deploying | 2 | 24510 | 13.87 | 11.9 | 13.9 | 7.83 | 2293 | 1667 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:29 | 73.0618056 Deploying | 2 | 24540 | 13.91 | 11.9 | 13.91 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:29 | 73.0621528 Deploying | 2 | 24570 | 13.89 | 11.9 | 13.93 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:30 | 73.0625000 Deploying | 2 | 24600 | 13.89 | 11.9 | 13.95 | 7.83 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:30 | 73.0625116 Winding down 1476 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:30 | 73.0628472 Deploying | 2 | 24630 | 13.94 | 11.95 | 13.96 | 7.81 | 2151 | 1620 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:31 | 73.0631944 Deploying | 2 | 24660 | 13.95 | 11.95 | 13.98 | 7.83 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:31 | 73.0635417 Deploying | 2 | 24690 | 13.96 | 11.95 | 14 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:32 | 73.0638889 Deploying | 2 | 24720 | 13.95 | 11.95 | 14.02 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:32 | 73.0641319 Winding down 1835 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:32 | 73.0642361 Deploying | 2 | 24750 | 13.98 | 12.02 | 14.03 | 7.83 | 2237 | 1629 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:33 | 73.0645833 Deploying | 2 | 24780 | 14.03 | 12.02 | 14.05 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:33 | 73.0649306 Deploying | 2 | 24810 | 14.03 | 12.02 | 14.07 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:34 | 73.0652778 Deploying | 2 | 24840 | 14.04 | 12.02 | 14.08 | 7.81 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 1:34 | 73.0656250 Deploying | 2 | 24870 | 14.03 | 12.02 | 14.1 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:34 | 73.0656944 Winding down 2022 ticks | 3 | | | | | | | | | | | | |

| Date | Value | Status | | Ticks | C1 | C2 | C3 | C4 | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:35 | 73.0659722 | Deploying | 2 | 24900 | 14.1 | 12.1 | 14.12 | 7.83 | 2171 | 1641 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:35 | 73.0663194 | Deploying | 2 | 24930 | 14.11 | 12.1 | 14.13 | 7.76 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:36 | 73.0666667 | Deploying | 2 | 24960 | 14.12 | 12.1 | 14.15 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:36 | 73.0670139 | Deploying | 2 | 24990 | 14.12 | 12.1 | 14.17 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:36 | 73.0671875 | Winding down 1750 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:37 | 73.0673611 | Deploying | 2 | 25020 | 14.15 | 12.17 | 14.19 | 7.79 | 2204 | 1635 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:37 | 73.0677083 | Deploying | 2 | 25050 | 14.19 | 12.17 | 14.2 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:38 | 73.0680556 | Deploying | 2 | 25080 | 14.19 | 12.17 | 14.22 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:38 | 73.0684028 | Deploying | 2 | 25110 | 14.19 | 12.17 | 14.24 | 7.76 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:38 | 73.0686806 | Winding down 1477 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:39 | 73.0687500 | Deploying | 2 | 25140 | 14.21 | 12.23 | 14.25 | 7.83 | 2307 | 1647 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:39 | 73.0690972 | Deploying | 2 | 25170 | 14.25 | 12.23 | 14.27 | 7.78 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:40 | 73.0694444 | Deploying | 2 | 25200 | 14.25 | 12.23 | 14.29 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:40 | 73.0697917 | Deploying | 2 | 25230 | 14.26 | 12.23 | 14.3 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:41 | 73.0701389 | Deploying | 2 | 25260 | 14.26 | 12.23 | 14.32 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:41 | 73.0702894 | Winding down 2046 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:41 | 73.0704861 | Deploying | 2 | 25290 | 14.29 | 12.31 | 14.34 | 7.81 | 2170 | 1612 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:42 | 73.0708333 | Deploying | 2 | 25320 | 14.32 | 12.31 | 14.36 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:42 | 73.0711806 | Deploying | 2 | 25350 | 14.34 | 12.31 | 14.37 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:43 | 73.0715278 | Deploying | 2 | 25380 | 14.35 | 12.31 | 14.39 | 7.81 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:43 | 73.0718750 | Deploying | 2 | 25410 | 14.36 | 12.31 | 14.41 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:43 | 73.0719676 | Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:44 | 73.0722222 | Deploying | 2 | 25440 | 14.39 | 12.37 | 14.42 | 7.78 | 2282 | 1616 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:44 | 73.0725694 | Deploying | 2 | 25470 | 14.42 | 12.37 | 14.44 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:45 | 73.0729167 | Deploying | 2 | 25500 | 14.41 | 12.37 | 14.46 | 7.76 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 1:45 | 73.0730208 | Winding down 1340 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:45 | 73.0732639 | Deploying | 2 | 25530 | 14.45 | 12.42 | 14.47 | 7.79 | 2148 | 1631 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:46 | 73.0736111 | Deploying | 2 | 25560 | 14.46 | 12.42 | 14.49 | 7.75 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 1:46 | 73.0739583 | Deploying | 2 | 25590 | 14.48 | 12.42 | 14.51 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:47 | 73.0743056 | Deploying | 2 | 25620 | 14.47 | 12.42 | 14.53 | 7.78 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:47 | 73.0744560 | Winding down 1771 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:47 | 73.0746528 | Deploying | 2 | 25650 | 14.5 | 12.49 | 14.54 | 7.79 | 2159 | 1618 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:48 | 73.0750000 | Deploying | 2 | 25680 | 14.55 | 12.49 | 14.56 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:48 | 73.0753472 | Deploying | 2 | 25710 | 14.54 | 12.49 | 14.58 | 7.81 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:49 | 73.0756944 | Deploying | 2 | 25740 | 14.53 | 12.49 | 14.59 | 7.75 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:49 | 73.0757176 | Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:49 | 73.0760417 | Deploying | 2 | 25770 | 14.6 | 12.55 | 14.61 | 7.78 | 2161 | 1628 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:50 | 73.0763889 | Deploying | 2 | 25800 | 14.61 | 12.55 | 14.63 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:50 | 73.0767361 | Deploying | 2 | 25830 | 14.61 | 12.55 | 14.64 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:51 | 73.0770833 | Deploying | 2 | 25860 | 14.61 | 12.55 | 14.66 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:51 | 73.0772801 | Winding down 1528 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:51 | 73.0774306 | Deploying | 2 | 25890 | 14.64 | 12.61 | 14.68 | 7.79 | 2305 | 1638 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 1:52 | 73.0777778 | Deploying | 2 | 25920 | 14.68 | 12.61 | 14.7 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 1:52 | 73.0781250 | Deploying | 2 | 25950 | 14.67 | 12.61 | 14.71 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:53 | 73.0784722 | Deploying | 2 | 25980 | 14.67 | 12.61 | 14.73 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:53 | 73.0786111 | Winding down 1807 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:53 | 73.0788194 | Deploying | 2 | 26010 | 14.71 | 12.68 | 14.75 | 7.78 | 2151 | 1623 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:54 | 73.0791667 | Deploying | 2 | 26040 | 14.75 | 12.68 | 14.76 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:54 | 73.0795139 | Deploying | 2 | 26070 | 14.76 | 12.68 | 14.78 | 7.75 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 1:55 | 73.0798611 Deploying | 2 | 26100 | 14.76 | 12.68 | 14.8 | 7.81 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 1:55 | 73.0802083 Deploying | 2 | 26130 | 14.75 | 12.68 | 14.81 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:55 | 73.0802315 Winding down 1890 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:56 | 73.0805556 Deploying | 2 | 26160 | 14.82 | 12.75 | 14.83 | 7.79 | 2143 | 1616 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:56 | 73.0809028 Deploying | 2 | 26190 | 14.84 | 12.75 | 14.85 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:57 | 73.0812500 Deploying | 2 | 26220 | 14.84 | 12.75 | 14.87 | 7.78 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 1:57 | 73.0815972 Deploying | 2 | 26250 | 14.84 | 12.75 | 14.88 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:58 | 73.0819444 Deploying | 2 | 26280 | 14.84 | 12.75 | 14.9 | 7.81 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:58 | 73.0820023 Winding down 1633 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 1:58 | 73.0822917 Deploying | 2 | 26310 | 14.9 | 12.82 | 14.92 | 7.79 | 2206 | 1641 | 0 | -3 | -2 | -1 | -2 |
| 3/13/2016 1:59 | 73.0826389 Deploying | 2 | 26340 | 14.91 | 12.82 | 14.93 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 1:59 | 73.0829861 Deploying | 2 | 26370 | 14.9 | 12.82 | 14.95 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 1:59 | 73.0832407 Winding down 1499 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:00 | 73.0833333 Deploying | 2 | 26400 | 14.93 | 12.88 | 14.97 | 7.78 | 2302 | 1659 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:00 | 73.0836806 Deploying | 2 | 26430 | 14.97 | 12.88 | 14.98 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:01 | 73.0840278 Deploying | 2 | 26460 | 14.97 | 12.88 | 15 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:01 | 73.0843750 Deploying | 2 | 26490 | 14.97 | 12.88 | 15.02 | 7.78 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 2:02 | 73.0847222 Deploying | 2 | 26520 | 14.98 | 12.88 | 15.04 | 7.78 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 3/13/2016 2:02 | 73.0848495 Winding down 1843 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:02 | 73.0850694 Deploying | 2 | 26550 | 15.01 | 12.95 | 15.05 | 7.79 | 2258 | 1626 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:03 | 73.0854167 Deploying | 2 | 26580 | 15.05 | 12.95 | 15.07 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:03 | 73.0857639 Deploying | 2 | 26610 | 15.04 | 12.95 | 15.09 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:03 | 73.0858912 Winding down 1368 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:04 | 73.0861111 Deploying | 2 | 26640 | 15.08 | 13 | 15.1 | 7.79 | 2159 | 1637 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:04 | 73.0864583 Deploying | 2 | 26670 | 15.1 | 13 | 15.12 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:05 | 73.0868056 Deploying | 2 | 26700 | 15.1 | 13 | 15.14 | 7.78 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 3/13/2016 2:05 | 73.0871528 Deploying | 2 | 26730 | 15.11 | 13 | 15.15 | 7.83 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 3/13/2016 2:06 | 73.0875000 Deploying | 2 | 26760 | 15.13 | 13 | 15.17 | 7.81 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:06 | 73.0878241 Winding down 2159 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:06 | 73.0878472 Deploying | 2 | 26790 | 15.1 | 13.08 | 15.19 | 7.7 | 2320 | 1660 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:07 | 73.0881944 Deploying | 2 | 26820 | 15.21 | 13.08 | 15.21 | 7.79 | 2320 | 113 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:07 | 73.0885417 Deploying | 2 | 26850 | 15.2 | 13.08 | 15.22 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:08 | 73.0888889 Deploying | 2 | 26880 | 15.2 | 13.08 | 15.24 | 7.79 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:08 | 73.0891435 Winding down 1274 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:08 | 73.0892361 Deploying | 2 | 26910 | 15.21 | 13.13 | 15.26 | 7.81 | 2163 | 1628 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:09 | 73.0895833 Deploying | 2 | 26940 | 15.26 | 13.13 | 15.27 | 7.81 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:09 | 73.0899306 Deploying | 2 | 26970 | 15.26 | 13.13 | 15.29 | 7.79 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:10 | 73.0902778 Deploying | 2 | 27000 | 15.25 | 13.13 | 15.31 | 7.79 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:10 | 73.0904977 Winding down 1606 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:10 | 73.0906250 Deploying | 2 | 27030 | 15.28 | 13.2 | 15.32 | 7.81 | 2314 | 1647 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:11 | 73.0909722 Deploying | 2 | 27060 | 15.32 | 13.2 | 15.34 | 7.78 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:11 | 73.0913194 Deploying | 2 | 27090 | 15.32 | 13.2 | 15.36 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:12 | 73.0916667 Deploying | 2 | 27120 | 15.33 | 13.2 | 15.38 | 7.83 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:12 | 73.0919792 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:12 | 73.0920139 Deploying | 2 | 27150 | 15.33 | 13.26 | 15.39 | 7.78 | 2308 | 1667 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:13 | 73.0923611 Deploying | 2 | 27180 | 15.41 | 13.26 | 15.41 | 7.83 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:13 | 73.0927083 Deploying | 2 | 27210 | 15.4 | 13.26 | 15.43 | 7.79 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:14 | 73.0930556 Deploying | 2 | 27240 | 15.39 | 13.26 | 15.44 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:14 | 73.0932639 Winding down 1342 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 2:14 | 73.0934028 | Deploying | 2 | 27270 | 15.42 | 13.31 | 15.46 | 7.81 | 2136 | 1655 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:15 | 73.0937500 | Deploying | 2 | 27300 | 15.46 | 13.31 | 15.48 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:15 | 73.0940972 | Deploying | 2 | 27330 | 15.45 | 13.31 | 15.49 | 7.76 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:16 | 73.0944444 | Deploying | 2 | 27360 | 15.46 | 13.31 | 15.51 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:16 | 73.0945370 | Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:16 | 73.0947917 | Deploying | 2 | 27390 | 15.49 | 13.37 | 15.53 | 7.79 | 2294 | 1649 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:17 | 73.0951389 | Deploying | 2 | 27420 | 15.52 | 13.37 | 15.55 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:17 | 73.0954861 | Deploying | 2 | 27450 | 15.52 | 13.37 | 15.56 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:17 | 73.0957755 | Winding down 1941 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:18 | 73.0958333 | Deploying | 2 | 27480 | 15.52 | 13.44 | 15.58 | 7.81 | 2144 | 1619 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:18 | 73.0961806 | Deploying | 2 | 27510 | 15.59 | 13.44 | 15.6 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:19 | 73.0965278 | Deploying | 2 | 27540 | 15.59 | 13.44 | 15.61 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:19 | 73.0968750 | Deploying | 2 | 27570 | 15.6 | 13.44 | 15.63 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:20 | 73.0972222 | Deploying | 2 | 27600 | 15.6 | 13.44 | 15.65 | 7.75 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:20 | 73.0973843 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:20 | 73.0975694 | Deploying | 2 | 27630 | 15.63 | 13.5 | 15.66 | 7.78 | 2162 | 1631 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:21 | 73.0979167 | Deploying | 2 | 27660 | 15.65 | 13.5 | 15.68 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:21 | 73.0982639 | Deploying | 2 | 27690 | 15.65 | 13.5 | 15.7 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:21 | 73.0984954 | Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:22 | 73.0986111 | Deploying | 2 | 27720 | 15.68 | 13.57 | 15.72 | 7.81 | 2187 | 1638 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:22 | 73.0989583 | Deploying | 2 | 27750 | 15.71 | 13.57 | 15.73 | 7.76 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:23 | 73.0993056 | Deploying | 2 | 27780 | 15.73 | 13.57 | 15.75 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:23 | 73.0996528 | Deploying | 2 | 27810 | 15.72 | 13.57 | 15.77 | 7.81 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:24 | 73.1000000 | Deploying | 2 | 27840 | 15.73 | 13.57 | 15.78 | 7.76 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:24 | 73.1001968 | Winding down 1903 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:24 | 73.1003472 | Deploying | 2 | 27870 | 15.76 | 13.64 | 15.8 | 7.79 | 2309 | 1657 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:25 | 73.1006944 | Deploying | 2 | 27900 | 15.79 | 13.64 | 15.82 | 7.75 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:25 | 73.1010417 | Deploying | 2 | 27930 | 15.81 | 13.64 | 15.83 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:26 | 73.1013889 | Deploying | 2 | 27960 | 15.81 | 13.64 | 15.85 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:26 | 73.1017361 | Deploying | 2 | 27990 | 15.81 | 13.64 | 15.87 | 7.81 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:26 | 73.1018287 | Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:27 | 73.1020833 | Deploying | 2 | 28020 | 15.86 | 13.7 | 15.89 | 7.78 | 2315 | 1635 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:27 | 73.1024306 | Deploying | 2 | 28050 | 15.87 | 13.7 | 15.9 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:27 | 73.1027546 | Winding down 1459 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:28 | 73.1027778 | Deploying | 2 | 28080 | 15.87 | 13.76 | 15.92 | 7.67 | 2168 | 1631 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:28 | 73.1031250 | Deploying | 2 | 28110 | 15.94 | 13.76 | 15.94 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:29 | 73.1034722 | Deploying | 2 | 28140 | 15.94 | 13.76 | 15.95 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:29 | 73.1038194 | Deploying | 2 | 28170 | 15.92 | 13.76 | 15.97 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:30 | 73.1041667 | Deploying | 2 | 28200 | 15.93 | 13.76 | 15.99 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:30 | 73.1043519 | Winding down 1689 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:30 | 73.1045139 | Deploying | 2 | 28230 | 15.98 | 13.82 | 16 | 7.78 | 2177 | 1650 | 0 | -3 | -1 | -1 | -1 |
| 3/13/2016 2:31 | 73.1048611 | Deploying | 2 | 28260 | 16 | 13.82 | 16.02 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:31 | 73.1052083 | Deploying | 2 | 28290 | 15.99 | 13.82 | 16.04 | 7.78 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:31 | 73.1055324 | Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:32 | 73.1055556 | Deploying | 2 | 28320 | 16 | 13.88 | 16.06 | 7.68 | 2321 | 1661 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:32 | 73.1059028 | Deploying | 2 | 28350 | 16.07 | 13.88 | 16.07 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:33 | 73.1062500 | Deploying | 2 | 28380 | 16.07 | 13.88 | 16.09 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:33 | 73.1065972 | Deploying | 2 | 28410 | 16.06 | 13.88 | 16.11 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:34 | 73.1069444 | Deploying | 2 | 28440 | 16.07 | 13.88 | 16.12 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |

| Date/Time | Value | State | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 2:34 | 73.1069560 Winding down 1401 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:34 | 73.1072917 Deploying | 2 | 28470 | 16.13 | 13.93 | 16.14 | 7.79 | 2298 | 1656 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:35 | 73.1076389 Deploying | 2 | 28500 | 16.12 | 13.93 | 16.16 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:35 | 73.1079861 Deploying | 2 | 28530 | 16.13 | 13.93 | 16.17 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:36 | 73.1083333 Deploying | 2 | 28560 | 16.12 | 13.93 | 16.19 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:36 | 73.1083681 Winding down 1830 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:36 | 73.1086806 Deploying | 2 | 28590 | 16.2 | 14.01 | 16.21 | 7.76 | 2306 | 1655 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:37 | 73.1090278 Deploying | 2 | 28620 | 16.21 | 14.01 | 16.23 | 7.75 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:37 | 73.1093750 Deploying | 2 | 28650 | 16.19 | 14.01 | 16.24 | 7.78 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:37 | 73.1096991 Winding down 1734 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:38 | 73.1097222 Deploying | 2 | 28680 | 16.19 | 14.07 | 16.26 | 7.73 | 2315 | 1663 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:38 | 73.1100694 Deploying | 2 | 28710 | 16.28 | 14.07 | 16.28 | 7.79 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:39 | 73.1104167 Deploying | 2 | 28740 | 16.28 | 14.07 | 16.29 | 7.75 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:39 | 73.1107639 Deploying | 2 | 28770 | 16.29 | 14.07 | 16.31 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:40 | 73.1111111 Deploying | 2 | 28800 | 16.29 | 14.07 | 16.33 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:40 | 73.1114583 Deploying | 2 | 28830 | 16.3 | 14.07 | 16.34 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:40 | 73.1117245 Winding down 2063 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:41 | 73.1118056 Deploying | 2 | 28860 | 16.29 | 14.15 | 16.36 | 7.75 | 2155 | 1654 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:41 | 73.1121528 Deploying | 2 | 28890 | 16.36 | 14.15 | 16.38 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:42 | 73.1125000 Deploying | 2 | 28920 | 16.35 | 14.15 | 16.4 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:42 | 73.1128472 Deploying | 2 | 28950 | 16.37 | 14.15 | 16.41 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:43 | 73.1131944 Deploying | 2 | 28980 | 16.38 | 14.15 | 16.43 | 7.75 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:43 | 73.1132407 Winding down 1569 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:43 | 73.1135417 Deploying | 2 | 29010 | 16.42 | 14.21 | 16.45 | 7.78 | 2252 | 1631 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:44 | 73.1138889 Deploying | 2 | 29040 | 16.42 | 14.21 | 16.46 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:44 | 73.1142361 Deploying | 2 | 29070 | 16.42 | 14.21 | 16.48 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:44 | 73.1142824 Winding down 1569 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:45 | 73.1145833 Deploying | 2 | 29100 | 16.49 | 14.27 | 16.5 | 7.73 | 2192 | 1621 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:45 | 73.1149306 Deploying | 2 | 29130 | 16.5 | 14.27 | 16.51 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:46 | 73.1152778 Deploying | 2 | 29160 | 16.5 | 14.27 | 16.53 | 7.78 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:46 | 73.1156250 Deploying | 2 | 29190 | 16.5 | 14.27 | 16.55 | 7.81 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:46 | 73.1158796 Winding down 1649 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:47 | 73.1159722 Deploying | 2 | 29220 | 16.52 | 14.34 | 16.57 | 7.78 | 2294 | 1655 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:47 | 73.1163194 Deploying | 2 | 29250 | 16.56 | 14.34 | 16.58 | 7.78 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 3/13/2016 2:48 | 73.1166667 Deploying | 2 | 29280 | 16.58 | 14.34 | 16.6 | 7.76 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 3/13/2016 2:48 | 73.1170139 Deploying | 2 | 29310 | 16.58 | 14.34 | 16.62 | 7.73 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:49 | 73.1173611 Deploying | 2 | 29340 | 16.56 | 14.34 | 16.63 | 7.73 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:49 | 73.1174769 Winding down 1729 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:49 | 73.1177083 Deploying | 2 | 29370 | 16.62 | 14.41 | 16.65 | 7.76 | 2175 | 1621 | 0 | -1 | -2 | -1 | -2 |
| 3/13/2016 2:50 | 73.1180556 Deploying | 2 | 29400 | 16.65 | 14.41 | 16.67 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:50 | 73.1184028 Deploying | 2 | 29430 | 16.64 | 14.41 | 16.68 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:50 | 73.1187153 Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:51 | 73.1187500 Deploying | 2 | 29460 | 16.64 | 14.47 | 16.7 | 7.78 | 2299 | 1645 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:51 | 73.1190972 Deploying | 2 | 29490 | 16.71 | 14.47 | 16.72 | 7.76 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 3/13/2016 2:52 | 73.1194444 Deploying | 2 | 29520 | 16.71 | 14.47 | 16.74 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:52 | 73.1197917 Deploying | 2 | 29550 | 16.71 | 14.47 | 16.75 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 3/13/2016 2:52 | 73.1201157 Winding down 1684 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:53 | 73.1201389 Deploying | 2 | 29580 | 16.71 | 14.53 | 16.77 | 7.65 | 2163 | 1628 | 0 | -1 | -1 | -1 | -1 |
| 3/13/2016 2:53 | 73.1204861 Deploying | 2 | 29610 | 16.78 | 14.53 | 16.79 | 7.79 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2016 2:54 | 73.1208333 | Deploying | 2 | 29640 | 16.77 | 14.53 | 16.8 | 7.78 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| 3/13/2016 2:54 | 73.1211806 | Deploying | 2 | 29670 | 16.77 | 14.53 | 16.82 | 7.79 | 0 | 0 | 0 | 2 | -3 | 0 | -3 |
| 3/13/2016 2:55 | 73.1215278 | Deploying | 2 | 29700 | 16.77 | 14.53 | 16.84 | 7.73 | 0 | 0 | 0 | -4 | 9 | 12 | 9 |
| 3/13/2016 2:55 | 73.1215278 | Winding down 1837 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:55 | 73.1216782 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 3/13/2016 2:55 | 73.1216782 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 3/13/2016 2:55 | 73.1217014 | Winding up 1399 ticks | 3 | | | | | | | | | | | | |
| 3/13/2016 2:55 | 73.1217245 | Winding up 2750 ticks | 3 | | | | | | | | | | | | |

**Appendix D3. Sensor Data**

DPS1-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.3316782 | 24.2 | 35.9319 | 72.3837616 | 24.17 | 33.7035 | 72.4354977 | 24.2 | 33.6681 |
| 72.3320255 | 24.23 | 34.7174 | 72.3841088 | 24.17 | 33.7035 | 72.4358449 | 24.2 | 33.6681 |
| 72.3323727 | 24.2 | 34.4908 | 72.384456 | 24.17 | 33.7293 | 72.4361921 | 24.2 | 33.6595 |
| 72.3327199 | 24.16 | 34.3363 | 72.3848032 | 24.17 | 33.7293 | 72.4365394 | 24.2 | 33.6552 |
| 72.3330671 | 24.16 | 34.2961 | 72.3851505 | 24.17 | 33.7164 | 72.4368866 | 24.2 | 33.6595 |
| 72.3334144 | 24.13 | 34.2347 | 72.3854977 | 24.17 | 33.7509 | 72.4372338 | 24.2 | 33.6595 |
| 72.3337616 | 24.13 | 34.1993 | 72.3858449 | 24.17 | 33.7379 | 72.437581 | 24.2 | 33.6552 |
| 72.3341088 | 24.13 | 34.1639 | 72.3861921 | 24.17 | 33.7035 | 72.4379282 | 24.2 | 33.6681 |
| 72.334456 | 24.13 | 34.1286 | 72.3865394 | 24.17 | 33.7379 | 72.4382755 | 24.2 | 33.6681 |
| 72.3348032 | 24.12 | 34.1127 | 72.3868866 | 24.17 | 33.7293 | 72.4386227 | 24.2 | 33.6681 |
| 72.3351505 | 24.12 | 34.0731 | 72.3872338 | 24.17 | 33.7466 | 72.4389699 | 24.2 | 33.6724 |
| 72.3354977 | 24.12 | 34.0644 | 72.387581 | 24.17 | 33.7509 | 72.4393171 | 24.2 | 33.6552 |
| 72.3358449 | 24.12 | 34.003 | 72.3879282 | 24.17 | 33.7767 | 72.4396644 | 24.2 | 33.6681 |
| 72.3361921 | 24.12 | 33.9855 | 72.3882755 | 24.19 | 33.7257 | 72.4400116 | 24.2 | 33.6938 |
| 72.3365394 | 24.1 | 34.0154 | 72.3886227 | 24.17 | 33.7035 | 72.4403588 | 24.2 | 33.6767 |
| 72.3368866 | 24.1 | 34.0022 | 72.3889699 | 24.17 | 33.7379 | 72.440706 | 24.2 | 33.621 |
| 72.3372338 | 24.12 | 33.9768 | 72.3893171 | 24.17 | 33.7379 | 72.4410532 | 24.2 | 33.6681 |
| 72.337581 | 24.12 | 33.9462 | 72.3896644 | 24.17 | 33.7595 | 72.4414005 | 24.2 | 33.6681 |
| 72.3379282 | 24.1 | 33.9542 | 72.3900116 | 24.17 | 33.6992 | 72.4417477 | 24.2 | 33.6681 |
| 72.3382755 | 24.1 | 33.9411 | 72.3903588 | 24.19 | 33.6999 | 72.4420949 | 24.2 | 33.621 |
| 72.3386227 | 24.1 | 33.9542 | 72.390706 | 24.17 | 33.7293 | 72.4424421 | 24.2 | 33.6809 |
| 72.3389699 | 24.1 | 33.9629 | 72.3910532 | 24.19 | 33.687 | 72.4427894 | 24.22 | 33.6516 |
| 72.3393171 | 24.1 | 33.9107 | 72.3914005 | 24.17 | 33.725 | 72.4431366 | 24.2 | 33.6552 |
| 72.3396644 | 24.1 | 33.9194 | 72.3917477 | 24.17 | 33.7207 | 72.4434838 | 24.2 | 33.6681 |
| 72.3400116 | 24.12 | 33.894 | 72.3920949 | 24.19 | 33.7214 | 72.443831 | 24.2 | 33.6767 |
| 72.3403588 | 24.1 | 33.8759 | 72.3924421 | 24.19 | 33.7343 | 72.4441782 | 24.2 | 33.6809 |
| 72.340706 | 24.1 | 33.915 | 72.3927894 | 24.19 | 33.7214 | 72.4445255 | 24.2 | 33.6552 |
| 72.3410532 | 24.1 | 33.8933 | 72.3931366 | 24.19 | 33.687 | 72.4448727 | 24.2 | 33.6552 |
| 72.3414005 | 24.12 | 33.9114 | 72.3934838 | 24.17 | 33.7207 | 72.4452199 | 24.2 | 33.6767 |
| 72.3417477 | 24.12 | 33.8984 | 72.393831 | 24.17 | 33.725 | 72.4455671 | 24.2 | 33.6552 |
| 72.3420949 | 24.12 | 33.9071 | 72.3941782 | 24.19 | 33.7085 | 72.4459144 | 24.2 | 33.6638 |
| 72.3424421 | 24.12 | 33.8853 | 72.3945255 | 24.17 | 33.7078 | 72.4462616 | 24.2 | 33.6552 |
| 72.3427894 | 24.12 | 33.9071 | 72.3948727 | 24.19 | 33.7214 | 72.4466088 | 24.2 | 33.6552 |
| 72.3431366 | 24.12 | 33.868 | 72.3952199 | 24.17 | 33.7121 | 72.446956 | 24.2 | 33.6552 |
| 72.3434838 | 24.13 | 33.8748 | 72.3955671 | 24.17 | 33.7078 | 72.4473032 | 24.2 | 33.6552 |
| 72.343831 | 24.12 | 33.8897 | 72.3959144 | 24.17 | 33.7078 | 72.4476505 | 24.2 | 33.6424 |
| 72.3441782 | 24.12 | 33.8897 | 72.3962616 | 24.17 | 33.7078 | 72.4479977 | 24.2 | 33.6767 |
| 72.3445255 | 24.12 | 33.8897 | 72.3966088 | 24.19 | 33.6956 | 72.4483449 | 24.2 | 33.6638 |
| 72.3448727 | 24.12 | 33.8506 | 72.396956 | 24.17 | 33.7336 | 72.4486921 | 24.2 | 33.6981 |
| 72.3452199 | 24.12 | 33.8853 | 72.3973032 | 24.17 | 33.695 | 72.4490394 | 24.22 | 33.6516 |
| 72.3455671 | 24.13 | 33.8402 | 72.3976505 | 24.17 | 33.695 | 72.4493866 | 24.2 | 33.6552 |
| 72.3459144 | 24.13 | 33.8792 | 72.3979977 | 24.19 | 33.6956 | 72.4497338 | 24.2 | 33.6895 |
| 72.3462616 | 24.13 | 33.8662 | 72.3983449 | 24.17 | 33.7552 | 72.450081 | 24.2 | 33.6767 |
| 72.3466088 | 24.14 | 33.8557 | 72.3986921 | 24.19 | 33.6699 | 72.4504282 | 24.2 | 33.6895 |
| 72.346956 | 24.13 | 33.8618 | 72.3990394 | 24.19 | 33.6827 | 72.4507755 | 24.2 | 33.6424 |
| 72.3473032 | 24.14 | 33.8167 | 72.3993866 | 24.19 | 33.6699 | 72.4511227 | 24.2 | 33.6552 |
| 72.3476505 | 24.13 | 33.8142 | 72.3997338 | 24.17 | 33.7035 | 72.4514699 | 24.2 | 33.6638 |
| 72.3479977 | 24.14 | 33.8384 | 72.400081 | 24.17 | 33.7207 | 72.4518171 | 24.2 | 33.6724 |
| 72.3483449 | 24.14 | 33.8644 | 72.4004282 | 24.17 | 33.7078 | 72.4521644 | 24.2 | 33.6852 |
| 72.3486921 | 24.14 | 33.8384 | 72.4007755 | 24.17 | 33.7336 | 72.4525116 | 24.2 | 33.6852 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.3490394 | 24.14 | 33.8774 | 72.4011227 | 24.17 | 33.7164 | 72.4528588 | 24.22 | 33.6516 |
| 72.3493866 | 24.14 | 33.8384 | 72.4014699 | 24.17 | 33.7293 | 72.453206 | 24.2 | 33.6381 |
| 72.3497338 | 24.14 | 33.834 | 72.4018171 | 24.17 | 33.7164 | 72.4535532 | 24.2 | 33.6253 |
| 72.350081 | 24.14 | 33.86 | 72.4021644 | 24.17 | 33.7422 | 72.4539005 | 24.2 | 33.6509 |
| 72.3504282 | 24.14 | 33.7994 | 72.4025116 | 24.17 | 33.7509 | 72.4542477 | 24.2 | 33.6852 |
| 72.3507755 | 24.14 | 33.8557 | 72.4028588 | 24.17 | 33.695 | 72.4545949 | 24.2 | 33.6638 |
| 72.3511227 | 24.14 | 33.821 | 72.403206 | 24.17 | 33.7035 | 72.4549421 | 24.2 | 33.6895 |
| 72.3514699 | 24.14 | 33.8297 | 72.4035532 | 24.19 | 33.657 | 72.4552894 | 24.2 | 33.6724 |
| 72.3518171 | 24.14 | 33.8081 | 72.4039005 | 24.17 | 33.6821 | 72.4556366 | 24.2 | 33.6253 |
| 72.3521644 | 24.14 | 33.8297 | 72.4042477 | 24.19 | 33.6913 | 72.4559838 | 24.2 | 33.6852 |
| 72.3525116 | 24.14 | 33.8081 | 72.4045949 | 24.17 | 33.7293 | 72.456331 | 24.22 | 33.6388 |
| 72.3528588 | 24.14 | 33.8557 | 72.4049421 | 24.19 | 33.6913 | 72.4566782 | 24.22 | 33.6602 |
| 72.353206 | 24.14 | 33.847 | 72.4052894 | 24.17 | 33.6692 | 72.4570255 | 24.22 | 33.6388 |
| 72.3535532 | 24.14 | 33.8081 | 72.4056366 | 24.19 | 33.6913 | 72.4573727 | 24.22 | 33.6473 |
| 72.3539005 | 24.14 | 33.7908 | 72.4059838 | 24.17 | 33.7422 | 72.4577199 | 24.2 | 33.6253 |
| 72.3542477 | 24.14 | 33.7778 | 72.406331 | 24.17 | 33.6778 | 72.4580671 | 24.2 | 33.6466 |
| 72.3545949 | 24.14 | 33.7649 | 72.4066782 | 24.19 | 33.7042 | 72.4584144 | 24.2 | 33.6724 |
| 72.3549421 | 24.14 | 33.8037 | 72.4070255 | 24.19 | 33.6785 | 72.4587616 | 24.2 | 33.6638 |
| 72.3552894 | 24.14 | 33.7649 | 72.4073727 | 24.19 | 33.6785 | 72.4591088 | 24.2 | 33.6466 |
| 72.3556366 | 24.14 | 33.8167 | 72.4077199 | 24.19 | 33.6785 | 72.459456 | 24.22 | 33.6473 |
| 72.3559838 | 24.14 | 33.8124 | 72.4080671 | 24.19 | 33.6699 | 72.4598032 | 24.2 | 33.6595 |
| 72.356331 | 24.14 | 33.7735 | 72.4084144 | 24.19 | 33.7128 | 72.4601505 | 24.2 | 33.6638 |
| 72.3566782 | 24.14 | 33.7865 | 72.4087616 | 24.19 | 33.6785 | 72.4604977 | 24.2 | 33.6466 |
| 72.3570255 | 24.16 | 33.7958 | 72.4091088 | 24.19 | 33.687 | 72.4608449 | 24.2 | 33.6595 |
| 72.3573727 | 24.16 | 33.7872 | 72.409456 | 24.19 | 33.6527 | 72.4611921 | 24.2 | 33.6638 |
| 72.3577199 | 24.16 | 33.7742 | 72.4098032 | 24.19 | 33.687 | 72.4615394 | 24.2 | 33.6338 |
| 72.3580671 | 24.16 | 33.8045 | 72.4101505 | 24.19 | 33.6913 | 72.4618866 | 24.2 | 33.6638 |
| 72.3584144 | 24.16 | 33.7829 | 72.4104977 | 24.19 | 33.687 | 72.4622338 | 24.2 | 33.6595 |
| 72.3587616 | 24.16 | 33.7699 | 72.4108449 | 24.19 | 33.6656 | 72.462581 | 24.22 | 33.6602 |
| 72.3591088 | 24.16 | 33.7958 | 72.4111921 | 24.19 | 33.7128 | 72.4629282 | 24.22 | 33.6473 |
| 72.359456 | 24.16 | 33.8088 | 72.4115394 | 24.19 | 33.7128 | 72.4632755 | 24.2 | 33.6852 |
| 72.3598032 | 24.16 | 33.757 | 72.4118866 | 24.17 | 33.6778 | 72.4636227 | 24.2 | 33.6852 |
| 72.3601505 | 24.16 | 33.7785 | 72.4122338 | 24.17 | 33.6992 | 72.4639699 | 24.2 | 33.6724 |
| 72.3604977 | 24.16 | 33.7699 | 72.412581 | 24.19 | 33.6999 | 72.4643171 | 24.2 | 33.621 |
| 72.3608449 | 24.16 | 33.7958 | 72.4129282 | 24.19 | 33.6742 | 72.4646644 | 24.22 | 33.6345 |
| 72.3611921 | 24.16 | 33.7958 | 72.4132755 | 24.19 | 33.687 | 72.4650116 | 24.2 | 33.6724 |
| 72.3615394 | 24.16 | 33.7785 | 72.4136227 | 24.19 | 33.687 | 72.4653588 | 24.2 | 33.621 |
| 72.3618866 | 24.16 | 33.7441 | 72.4139699 | 24.19 | 33.7257 | 72.465706 | 24.2 | 33.6338 |
| 72.3622338 | 24.16 | 33.8001 | 72.4143171 | 24.19 | 33.6999 | 72.4660532 | 24.22 | 33.6473 |
| 72.362581 | 24.16 | 33.7785 | 72.4146644 | 24.19 | 33.7085 | 72.4664005 | 24.22 | 33.6688 |
| 72.3629282 | 24.16 | 33.7656 | 72.4150116 | 24.19 | 33.687 | 72.4667477 | 24.2 | 33.6552 |
| 72.3632755 | 24.16 | 33.7656 | 72.4153588 | 24.19 | 33.6699 | 72.4670949 | 24.2 | 33.6724 |
| 72.3636227 | 24.16 | 33.7656 | 72.415706 | 24.19 | 33.6956 | 72.4674421 | 24.2 | 33.6552 |
| 72.3639699 | 24.16 | 33.7656 | 72.4160532 | 24.19 | 33.687 | 72.4677894 | 24.22 | 33.6473 |
| 72.3643171 | 24.16 | 33.7872 | 72.4164005 | 24.19 | 33.6999 | 72.4681366 | 24.22 | 33.6559 |
| 72.3646644 | 24.14 | 33.7778 | 72.4167477 | 24.19 | 33.6956 | 72.4684838 | 24.22 | 33.6559 |
| 72.3650116 | 24.14 | 33.7434 | 72.4170949 | 24.19 | 33.6956 | 72.468831 | 24.22 | 33.6559 |
| 72.3653588 | 24.14 | 33.7692 | 72.4174421 | 24.19 | 33.6485 | 72.4691782 | 24.2 | 33.6082 |
| 72.365706 | 24.14 | 33.8254 | 72.4177894 | 24.2 | 33.7024 | 72.4695255 | 24.2 | 33.6552 |
| 72.3660532 | 24.14 | 33.8124 | 72.4181366 | 24.19 | 33.6827 | 72.4698727 | 24.2 | 33.6466 |
| 72.3664005 | 24.14 | 33.7778 | 72.4184838 | 24.2 | 33.6809 | 72.4702199 | 24.2 | 33.6466 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.3667477 | 24.14 | 33.7735 | 72.418831 | 24.2 | 33.6767 | 72.4705671 | 24.2 | 33.6767 |
| 72.3670949 | 24.14 | 33.7649 | 72.4191782 | 24.2 | 33.6895 | 72.4709144 | 24.2 | 33.6809 |
| 72.3674421 | 24.14 | 33.752 | 72.4195255 | 24.2 | 33.6809 | 72.4712616 | 24.2 | 33.6809 |
| 72.3677894 | 24.14 | 33.7735 | 72.4198727 | 24.2 | 33.6552 | 72.4716088 | 24.2 | 33.6809 |
| 72.3681366 | 24.16 | 33.7872 | 72.4202199 | 24.2 | 33.6767 | 72.471956 | 24.22 | 33.643 |
| 72.3684838 | 24.14 | 33.7606 | 72.4205671 | 24.2 | 33.6767 | 72.4723032 | 24.26 | 33.6744 |
| 72.368831 | 24.14 | 33.7735 | 72.4209144 | 24.2 | 33.6767 | 72.4726505 | 24.26 | 33.6873 |
| 72.3691782 | 24.16 | 33.7484 | 72.4212616 | 24.2 | 33.6167 | 72.4729977 | 24.27 | 33.6555 |
| 72.3695255 | 24.16 | 33.7441 | 72.4216088 | 24.19 | 33.6827 | 72.4733449 | 24.27 | 33.6726 |
| 72.3698727 | 24.16 | 33.7613 | 72.421956 | 24.2 | 33.6895 | 72.4736921 | 24.26 | 33.6658 |
| 72.3702199 | 24.16 | 33.7829 | 72.4223032 | 24.2 | 33.6767 | 72.4740394 | 24.27 | 33.6598 |
| 72.3705671 | 24.16 | 33.7613 | 72.4226505 | 24.19 | 33.6827 | 72.4743866 | 24.24 | 33.6651 |
| 72.3709144 | 24.16 | 33.7829 | 72.4229977 | 24.2 | 33.6767 | 72.4747338 | 24.23 | 33.6327 |
| 72.3712616 | 24.16 | 33.7354 | 72.4233449 | 24.2 | 33.6767 | 72.475081 | 24.23 | 33.6369 |
| 72.3716088 | 24.16 | 33.7354 | 72.4236921 | 24.2 | 33.6638 | 72.4754282 | 24.24 | 33.618 |
| 72.371956 | 24.16 | 33.7527 | 72.4240394 | 24.2 | 33.6767 | 72.4757755 | 24.26 | 33.653 |
| 72.3723032 | 24.16 | 33.7699 | 72.4243866 | 24.2 | 33.6638 | 72.4761227 | 24.27 | 33.634 |
| 72.3726505 | 24.16 | 33.757 | 72.4247338 | 24.2 | 33.6724 | 72.4764699 | 24.29 | 33.6219 |
| 72.3729977 | 24.16 | 33.7699 | 72.425081 | 24.2 | 33.6638 | 72.4768171 | 24.29 | 33.5962 |
| 72.3733449 | 24.16 | 33.7699 | 72.4254282 | 24.2 | 33.6638 | 72.4771644 | 24.3 | 33.6372 |
| 72.3736921 | 24.16 | 33.757 | 72.4257755 | 24.2 | 33.6895 | 72.4775116 | 24.3 | 33.603 |
| 72.3740394 | 24.16 | 33.7527 | 72.4261227 | 24.2 | 33.6638 | 72.4778588 | 24.32 | 33.6037 |
| 72.3743866 | 24.17 | 33.7595 | 72.4264699 | 24.2 | 33.6638 | 72.478206 | 24.32 | 33.6293 |
| 72.3747338 | 24.17 | 33.7466 | 72.4268171 | 24.2 | 33.6767 | 72.4785532 | 24.32 | 33.5908 |
| 72.375081 | 24.17 | 33.781 | 72.4271644 | 24.2 | 33.6724 | 72.4789005 | 24.32 | 33.578 |
| 72.3754282 | 24.17 | 33.781 | 72.4275116 | 24.2 | 33.6253 | 72.4792477 | 24.33 | 33.5933 |
| 72.3757755 | 24.17 | 33.7466 | 72.4278588 | 24.2 | 33.6638 | 72.4795949 | 24.34 | 33.5915 |
| 72.3761227 | 24.16 | 33.757 | 72.428206 | 24.2 | 33.6724 | 72.4799421 | 24.33 | 33.5805 |
| 72.3764699 | 24.17 | 33.7336 | 72.4285532 | 24.2 | 33.6381 | 72.4802894 | 24.34 | 33.5744 |
| 72.3768171 | 24.17 | 33.7422 | 72.4289005 | 24.2 | 33.711 | 72.4806366 | 24.34 | 33.5744 |
| 72.3771644 | 24.17 | 33.7466 | 72.4292477 | 24.2 | 33.6981 | 72.4809838 | 24.34 | 33.5275 |
| 72.3775116 | 24.16 | 33.7527 | 72.4295949 | 24.2 | 33.6724 | 72.481331 | 24.34 | 33.5744 |
| 72.3778588 | 24.17 | 33.7207 | 72.4299421 | 24.2 | 33.6509 | 72.4816782 | 24.34 | 33.6001 |
| 72.378206 | 24.17 | 33.7595 | 72.4302894 | 24.2 | 33.6852 | 72.4820255 | 24.34 | 33.5616 |
| 72.3785532 | 24.16 | 33.7613 | 72.4306366 | 24.2 | 33.6595 | 72.4823727 | 24.34 | 33.5872 |
| 72.3789005 | 24.16 | 33.7656 | 72.4309838 | 24.2 | 33.6938 | 72.4827199 | 24.36 | 33.541 |
| 72.3792477 | 24.16 | 33.7398 | 72.431331 | 24.19 | 33.6785 | 72.4830671 | 24.36 | 33.5708 |
| 72.3795949 | 24.16 | 33.7484 | 72.4316782 | 24.2 | 33.6466 | 72.4834144 | 24.34 | 33.5488 |
| 72.3799421 | 24.17 | 33.7422 | 72.4320255 | 24.2 | 33.6338 | 72.4837616 | 24.36 | 33.5751 |
| 72.3802894 | 24.16 | 33.7354 | 72.4323727 | 24.2 | 33.7196 | 72.4841088 | 24.34 | 33.5616 |
| 72.3806366 | 24.16 | 33.7268 | 72.4327199 | 24.2 | 33.6724 | 72.484456 | 24.36 | 33.5495 |
| 72.3809838 | 24.17 | 33.7422 | 72.4330671 | 24.2 | 33.6595 | 72.4848032 | 24.36 | 33.558 |
| 72.381331 | 24.17 | 33.7552 | 72.4334144 | 24.2 | 33.6724 | 72.4851505 | 24.36 | 33.5708 |
| 72.3816782 | 24.17 | 33.7293 | 72.4337616 | 24.2 | 33.7067 | 72.4854977 | 24.36 | 33.5708 |
| 72.3820255 | 24.17 | 33.6907 | 72.4341088 | 24.2 | 33.6852 | 72.4858449 | 24.36 | 33.558 |
| 72.3823727 | 24.17 | 33.7681 | 72.434456 | 24.2 | 33.6809 | 72.4861921 | 24.36 | 33.5708 |
| 72.3827199 | 24.17 | 33.7422 | 72.4348032 | 24.2 | 33.6595 | 72.4865394 | 24.37 | 33.5179 |
| 72.3830671 | 24.17 | 33.7293 | 72.4351505 | 24.2 | 33.6253 | 72.4868866 | 24.37 | 33.552 |
| 72.3834144 | 24.17 | 33.7293 | | | | | | |

DPS1-2

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.8295718 | 24.27 | 34.3433 | 72.8858218 | 24.29 | 33.7748 | 72.9420718 | 24.23 | 33.6963 |
| 72.829919 | 24.27 | 34.1849 | 72.886169 | 24.27 | 33.787 | 72.942419 | 24.23 | 33.7388 |
| 72.8302662 | 24.29 | 34.0809 | 72.8865162 | 24.27 | 33.7614 | 72.9427662 | 24.23 | 33.7175 |
| 72.8306134 | 24.3 | 34.0487 | 72.8868634 | 24.26 | 33.7461 | 72.9431134 | 24.23 | 33.6836 |
| 72.8309607 | 24.32 | 33.9541 | 72.8872107 | 24.26 | 33.7674 | 72.9434607 | 24.23 | 33.6921 |
| 72.8313079 | 24.3 | 33.9836 | 72.8875579 | 24.26 | 33.7206 | 72.9438079 | 24.23 | 33.7516 |
| 72.8316551 | 24.32 | 33.9412 | 72.8879051 | 24.27 | 33.7614 | 72.9441551 | 24.23 | 33.6921 |
| 72.8320023 | 24.33 | 33.9221 | 72.8882523 | 24.27 | 33.7358 | 72.9445023 | 24.23 | 33.7133 |
| 72.8323495 | 24.33 | 33.9135 | 72.8885995 | 24.27 | 33.7742 | 72.9448495 | 24.23 | 33.726 |
| 72.8326968 | 24.33 | 33.9394 | 72.8889468 | 24.27 | 33.7486 | 72.9451968 | 24.23 | 33.7048 |
| 72.833044 | 24.33 | 33.9092 | 72.889294 | 24.26 | 33.7334 | 72.945544 | 24.23 | 33.7048 |
| 72.8333912 | 24.33 | 33.8963 | 72.8896412 | 24.26 | 33.7461 | 72.9458912 | 24.23 | 33.7175 |
| 72.8337384 | 24.33 | 33.8705 | 72.8899884 | 24.26 | 33.7334 | 72.9462384 | 24.23 | 33.6793 |
| 72.8340857 | 24.33 | 33.8791 | 72.8903357 | 24.26 | 33.7461 | 72.9465857 | 24.22 | 33.7193 |
| 72.8344329 | 24.33 | 33.8748 | 72.8906829 | 24.26 | 33.7461 | 72.9469329 | 24.23 | 33.7303 |
| 72.8347801 | 24.33 | 33.8791 | 72.8910301 | 24.26 | 33.7674 | 72.9472801 | 24.22 | 33.7236 |
| 72.8351273 | 24.32 | 33.8594 | 72.8913773 | 24.24 | 33.7796 | 72.9476273 | 24.22 | 33.6981 |
| 72.8354745 | 24.3 | 33.8715 | 72.8917245 | 24.26 | 33.7589 | 72.9479745 | 24.22 | 33.7236 |
| 72.8358218 | 24.3 | 33.8544 | 72.8920718 | 24.26 | 33.7334 | 72.9483218 | 24.22 | 33.7448 |
| 72.836169 | 24.3 | 33.8715 | 72.892419 | 24.26 | 33.7291 | 72.948669 | 24.22 | 33.7236 |
| 72.8365162 | 24.3 | 33.8329 | 72.8927662 | 24.24 | 33.7711 | 72.9490162 | 24.22 | 33.6981 |
| 72.8368634 | 24.3 | 33.8415 | 72.8931134 | 24.24 | 33.7327 | 72.9493634 | 24.22 | 33.7108 |
| 72.8372107 | 24.3 | 33.863 | 72.8934607 | 24.24 | 33.7455 | 72.9497107 | 24.22 | 33.6981 |
| 72.8375579 | 24.32 | 33.8379 | 72.8938079 | 24.24 | 33.7327 | 72.9500579 | 24.22 | 33.6854 |
| 72.8379051 | 24.3 | 33.8158 | 72.8941551 | 24.24 | 33.7583 | 72.9504051 | 24.22 | 33.6981 |
| 72.8382523 | 24.3 | 33.8501 | 72.8945023 | 24.24 | 33.72 | 72.9507523 | 24.23 | 33.7005 |
| 72.8385995 | 24.3 | 33.8887 | 72.8948495 | 24.24 | 33.7412 | 72.9510995 | 24.22 | 33.7363 |
| 72.8389468 | 24.3 | 33.8501 | 72.8951968 | 24.24 | 33.7455 | 72.9514468 | 24.22 | 33.6854 |
| 72.839294 | 24.3 | 33.8372 | 72.895544 | 24.23 | 33.7516 | 72.951794 | 24.22 | 33.7108 |
| 72.8396412 | 24.3 | 33.8372 | 72.8958912 | 24.23 | 33.7771 | 72.9521412 | 24.22 | 33.7193 |
| 72.8399884 | 24.3 | 33.8329 | 72.8962384 | 24.24 | 33.7327 | 72.9524884 | 24.22 | 33.7236 |
| 72.8403357 | 24.3 | 33.8372 | 72.8965857 | 24.23 | 33.7473 | 72.9528357 | 24.22 | 33.7363 |
| 72.8406829 | 24.3 | 33.8115 | 72.8969329 | 24.23 | 33.7388 | 72.9531829 | 24.22 | 33.7321 |
| 72.8410301 | 24.3 | 33.8672 | 72.8972801 | 24.23 | 33.7388 | 72.9535301 | 24.22 | 33.7321 |
| 72.8413773 | 24.3 | 33.8372 | 72.8976273 | 24.23 | 33.7388 | 72.9538773 | 24.22 | 33.7321 |
| 72.8417245 | 24.3 | 33.8329 | 72.8979745 | 24.23 | 33.7175 | 72.9542245 | 24.22 | 33.7066 |
| 72.8420718 | 24.3 | 33.8201 | 72.8983218 | 24.23 | 33.7133 | 72.9545718 | 24.22 | 33.7321 |
| 72.842419 | 24.3 | 33.8244 | 72.898669 | 24.23 | 33.7473 | 72.954919 | 24.22 | 33.7108 |
| 72.8427662 | 24.29 | 33.8647 | 72.8990162 | 24.23 | 33.726 | 72.9552662 | 24.22 | 33.6981 |
| 72.8431134 | 24.29 | 33.8262 | 72.8993634 | 24.23 | 33.7388 | 72.9556134 | 24.22 | 33.7193 |
| 72.8434607 | 24.29 | 33.8133 | 72.8997107 | 24.23 | 33.7388 | 72.9559607 | 24.22 | 33.7448 |
| 72.8438079 | 24.29 | 33.8519 | 72.9000579 | 24.23 | 33.7601 | 72.9563079 | 24.22 | 33.6727 |
| 72.8441551 | 24.27 | 33.8512 | 72.9004051 | 24.24 | 33.754 | 72.9566551 | 24.22 | 33.7321 |
| 72.8445023 | 24.26 | 33.823 | 72.9007523 | 24.24 | 33.7412 | 72.9570023 | 24.22 | 33.7066 |
| 72.8448495 | 24.26 | 33.823 | 72.9010995 | 24.24 | 33.7455 | 72.9573495 | 24.22 | 33.7321 |
| 72.8451968 | 24.27 | 33.8169 | 72.9014468 | 24.24 | 33.72 | 72.9576968 | 24.22 | 33.7066 |
| 72.845544 | 24.26 | 33.8444 | 72.901794 | 24.24 | 33.7668 | 72.958044 | 24.22 | 33.6727 |
| 72.8458912 | 24.26 | 33.8444 | 72.9021412 | 24.24 | 33.7327 | 72.9583912 | 24.22 | 33.7278 |
| 72.8462384 | 24.27 | 33.8598 | 72.9024884 | 24.24 | 33.7327 | 72.9587384 | 24.22 | 33.7066 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8465857 | 24.27 | 33.8383 | 72.9028357 | 24.24 | 33.72 | 72.9590857 | 24.22 | 33.6811 |
| 72.8469329 | 24.27 | 33.7998 | 72.9031829 | 24.24 | 33.72 | 72.9594329 | 24.22 | 33.7448 |
| 72.8472801 | 24.27 | 33.8255 | 72.9035301 | 24.24 | 33.7327 | 72.9597801 | 24.22 | 33.7321 |
| 72.8476273 | 24.26 | 33.8187 | 72.9038773 | 24.24 | 33.754 | 72.9601273 | 24.22 | 33.7448 |
| 72.8479745 | 24.26 | 33.853 | 72.9042245 | 24.24 | 33.72 | 72.9604745 | 24.22 | 33.6854 |
| 72.8483218 | 24.26 | 33.8187 | 72.9045718 | 24.24 | 33.7285 | 72.9608218 | 24.22 | 33.7108 |
| 72.848669 | 24.26 | 33.8315 | 72.904919 | 24.24 | 33.6945 | 72.961169 | 24.22 | 33.7534 |
| 72.8490162 | 24.24 | 33.8138 | 72.9052662 | 24.24 | 33.72 | 72.9615162 | 24.22 | 33.7236 |
| 72.8493634 | 24.24 | 33.8437 | 72.9056134 | 24.24 | 33.6945 | 72.9618634 | 24.22 | 33.7151 |
| 72.8497107 | 24.26 | 33.8273 | 72.9059607 | 24.24 | 33.7285 | 72.9622107 | 24.22 | 33.7534 |
| 72.8500579 | 24.26 | 33.8658 | 72.9063079 | 24.24 | 33.7072 | 72.9625579 | 24.22 | 33.6981 |
| 72.8504051 | 24.26 | 33.8273 | 72.9066551 | 24.24 | 33.7327 | 72.9629051 | 24.22 | 33.7151 |
| 72.8507523 | 24.24 | 33.8437 | 72.9070023 | 24.24 | 33.7412 | 72.9632523 | 24.22 | 33.7321 |
| 72.8510995 | 24.26 | 33.8273 | 72.9073495 | 24.24 | 33.7412 | 72.9635995 | 24.22 | 33.6854 |
| 72.8514468 | 24.26 | 33.8273 | 72.9076968 | 24.24 | 33.7072 | 72.9639468 | 24.22 | 33.7193 |
| 72.851794 | 24.26 | 33.853 | 72.908044 | 24.24 | 33.6945 | 72.964294 | 24.22 | 33.7066 |
| 72.8521412 | 24.26 | 33.853 | 72.9083912 | 24.24 | 33.7072 | 72.9646412 | 24.22 | 33.7448 |
| 72.8524884 | 24.27 | 33.8126 | 72.9087384 | 24.24 | 33.7157 | 72.9649884 | 24.2 | 33.7655 |
| 72.8528357 | 24.27 | 33.8469 | 72.9090857 | 24.24 | 33.6945 | 72.9653357 | 24.22 | 33.7066 |
| 72.8531829 | 24.27 | 33.834 | 72.9094329 | 24.24 | 33.6945 | 72.9656829 | 24.22 | 33.6939 |
| 72.8535301 | 24.27 | 33.7742 | 72.9097801 | 24.23 | 33.7218 | 72.9660301 | 24.22 | 33.7321 |
| 72.8538773 | 24.27 | 33.8426 | 72.9101273 | 24.24 | 33.7327 | 72.9663773 | 24.22 | 33.7151 |
| 72.8542245 | 24.27 | 33.834 | 72.9104745 | 24.24 | 33.7412 | 72.9667245 | 24.22 | 33.6939 |
| 72.8545718 | 24.27 | 33.8426 | 72.9108218 | 24.24 | 33.754 | 72.9670718 | 24.22 | 33.6939 |
| 72.854919 | 24.27 | 33.8126 | 72.911169 | 24.24 | 33.7157 | 72.967419 | 24.22 | 33.6981 |
| 72.8552662 | 24.27 | 33.8212 | 72.9115162 | 24.23 | 33.7218 | 72.9677662 | 24.22 | 33.6811 |
| 72.8556134 | 24.27 | 33.834 | 72.9118634 | 24.24 | 33.7625 | 72.9681134 | 24.22 | 33.6939 |
| 72.8559607 | 24.27 | 33.8083 | 72.9122107 | 24.23 | 33.7473 | 72.9684607 | 24.22 | 33.7406 |
| 72.8563079 | 24.27 | 33.8083 | 72.9125579 | 24.24 | 33.7412 | 72.9688079 | 24.22 | 33.6939 |
| 72.8566551 | 24.27 | 33.8555 | 72.9129051 | 24.23 | 33.7133 | 72.9691551 | 24.22 | 33.7066 |
| 72.8570023 | 24.26 | 33.8487 | 72.9132523 | 24.24 | 33.7412 | 72.9695023 | 24.2 | 33.7187 |
| 72.8573495 | 24.27 | 33.8169 | 72.9135995 | 24.23 | 33.709 | 72.9698495 | 24.22 | 33.7066 |
| 72.8576968 | 24.27 | 33.7955 | 72.9139468 | 24.24 | 33.7625 | 72.9701968 | 24.22 | 33.66 |
| 72.858044 | 24.26 | 33.8273 | 72.914294 | 24.24 | 33.703 | 72.970544 | 24.22 | 33.6854 |
| 72.8583912 | 24.24 | 33.8609 | 72.9146412 | 24.24 | 33.703 | 72.9708912 | 24.2 | 33.7102 |
| 72.8587384 | 24.24 | 33.8737 | 72.9149884 | 24.24 | 33.7157 | 72.9712384 | 24.2 | 33.7187 |
| 72.8590857 | 24.24 | 33.8223 | 72.9153357 | 24.24 | 33.7412 | 72.9715857 | 24.22 | 33.6939 |
| 72.8594329 | 24.26 | 33.8401 | 72.9156829 | 24.24 | 33.7285 | 72.9719329 | 24.22 | 33.7023 |
| 72.8597801 | 24.26 | 33.8615 | 72.9160301 | 24.23 | 33.7218 | 72.9722801 | 24.22 | 33.6684 |
| 72.8601273 | 24.26 | 33.823 | 72.9163773 | 24.23 | 33.7345 | 72.9726273 | 24.22 | 33.6896 |
| 72.8604745 | 24.26 | 33.8401 | 72.9167245 | 24.23 | 33.7345 | 72.9729745 | 24.2 | 33.706 |
| 72.8608218 | 24.26 | 33.8101 | 72.9170718 | 24.23 | 33.7558 | 72.9733218 | 24.2 | 33.7272 |
| 72.861169 | 24.26 | 33.8487 | 72.917419 | 24.24 | 33.7157 | 72.973669 | 24.2 | 33.6805 |
| 72.8615162 | 24.26 | 33.8315 | 72.9177662 | 24.23 | 33.7473 | 72.9740162 | 24.2 | 33.74 |
| 72.8618634 | 24.26 | 33.7973 | 72.9181134 | 24.23 | 33.709 | 72.9743634 | 24.2 | 33.706 |
| 72.8622107 | 24.27 | 33.8383 | 72.9184607 | 24.23 | 33.743 | 72.9747107 | 24.22 | 33.6811 |
| 72.8625579 | 24.26 | 33.8358 | 72.9188079 | 24.23 | 33.7473 | 72.9750579 | 24.2 | 33.706 |
| 72.8629051 | 24.27 | 33.8169 | 72.9191551 | 24.23 | 33.6836 | 72.9754051 | 24.22 | 33.7066 |
| 72.8632523 | 24.27 | 33.8212 | 72.9195023 | 24.23 | 33.7303 | 72.9757523 | 24.22 | 33.6896 |
| 72.8635995 | 24.27 | 33.8426 | 72.9198495 | 24.23 | 33.7345 | 72.9760995 | 24.2 | 33.7272 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8639468 | 24.27 | 33.834 | 72.9201968 | 24.23 | 33.709 | 72.9764468 | 24.22 | 33.7151 |
| 72.864294 | 24.26 | 33.8358 | 72.920544 | 24.23 | 33.7175 | 72.976794 | 24.22 | 33.7023 |
| 72.8646412 | 24.24 | 33.8566 | 72.9208912 | 24.23 | 33.7345 | 72.9771412 | 24.22 | 33.7023 |
| 72.8649884 | 24.24 | 33.8609 | 72.9212384 | 24.23 | 33.7558 | 72.9774884 | 24.2 | 33.6933 |
| 72.8653357 | 24.24 | 33.8394 | 72.9215857 | 24.23 | 33.7218 | 72.9778357 | 24.2 | 33.7272 |
| 72.8656829 | 24.24 | 33.8351 | 72.9219329 | 24.23 | 33.6963 | 72.9781829 | 24.22 | 33.6684 |
| 72.8660301 | 24.26 | 33.8101 | 72.9222801 | 24.23 | 33.743 | 72.9785301 | 24.2 | 33.6933 |
| 72.8663773 | 24.26 | 33.7888 | 72.9226273 | 24.23 | 33.7345 | 72.9788773 | 24.2 | 33.7272 |
| 72.8667245 | 24.26 | 33.8487 | 72.9229745 | 24.23 | 33.7175 | 72.9792245 | 24.22 | 33.7066 |
| 72.8670718 | 24.26 | 33.8358 | 72.9233218 | 24.23 | 33.7303 | 72.9795718 | 24.22 | 33.6811 |
| 72.867419 | 24.26 | 33.8315 | 72.923669 | 24.23 | 33.6751 | 72.979919 | 24.22 | 33.6896 |
| 72.8677662 | 24.26 | 33.8101 | 72.9240162 | 24.23 | 33.7303 | 72.9802662 | 24.2 | 33.7272 |
| 72.8681134 | 24.26 | 33.8315 | 72.9243634 | 24.23 | 33.7558 | 72.9806134 | 24.22 | 33.6896 |
| 72.8684607 | 24.24 | 33.8009 | 72.9247107 | 24.23 | 33.709 | 72.9809607 | 24.22 | 33.7151 |
| 72.8688079 | 24.24 | 33.7881 | 72.9250579 | 24.23 | 33.7303 | 72.9813079 | 24.2 | 33.74 |
| 72.8691551 | 24.24 | 33.7625 | 72.9254051 | 24.23 | 33.709 | 72.9816551 | 24.22 | 33.7023 |
| 72.8695023 | 24.24 | 33.7625 | 72.9257523 | 24.23 | 33.7175 | 72.9820023 | 24.2 | 33.706 |
| 72.8698495 | 24.24 | 33.7285 | 72.9260995 | 24.24 | 33.7115 | 72.9823495 | 24.22 | 33.7151 |
| 72.8701968 | 24.24 | 33.7412 | 72.9264468 | 24.23 | 33.7303 | 72.9826968 | 24.22 | 33.6939 |
| 72.870544 | 24.24 | 33.754 | 72.926794 | 24.24 | 33.7242 | 72.983044 | 24.2 | 33.706 |
| 72.8708912 | 24.24 | 33.7753 | 72.9271412 | 24.24 | 33.7242 | 72.9833912 | 24.2 | 33.7272 |
| 72.8712384 | 24.24 | 33.7753 | 72.9274884 | 24.23 | 33.709 | 72.9837384 | 24.2 | 33.706 |
| 72.8715857 | 24.24 | 33.7753 | 72.9278357 | 24.24 | 33.7242 | 72.9840857 | 24.2 | 33.7357 |
| 72.8719329 | 24.24 | 33.7285 | 72.9281829 | 24.23 | 33.7303 | 72.9844329 | 24.2 | 33.7017 |
| 72.8722801 | 24.24 | 33.7412 | 72.9285301 | 24.23 | 33.6963 | 72.9847801 | 24.2 | 33.7187 |
| 72.8726273 | 24.24 | 33.72 | 72.9288773 | 24.23 | 33.7303 | 72.9851273 | 24.22 | 33.7236 |
| 72.8729745 | 24.24 | 33.7285 | 72.9292245 | 24.23 | 33.743 | 72.9854745 | 24.22 | 33.7023 |
| 72.8733218 | 24.24 | 33.7412 | 72.9295718 | 24.24 | 33.7242 | 72.9858218 | 24.22 | 33.7023 |
| 72.873669 | 24.24 | 33.7412 | 72.929919 | 24.23 | 33.7175 | 72.986169 | 24.2 | 33.7145 |
| 72.8740162 | 24.24 | 33.7157 | 72.9302662 | 24.24 | 33.6648 | 72.9865162 | 24.2 | 33.7017 |
| 72.8743634 | 24.24 | 33.7753 | 72.9306134 | 24.23 | 33.7303 | 72.9868634 | 24.2 | 33.6933 |
| 72.8747107 | 24.23 | 33.7345 | 72.9309607 | 24.24 | 33.7242 | 72.9872107 | 24.22 | 33.7363 |
| 72.8750579 | 24.24 | 33.754 | 72.9313079 | 24.23 | 33.7175 | 72.9875579 | 24.2 | 33.7145 |
| 72.8754051 | 24.24 | 33.7157 | 72.9316551 | 24.24 | 33.6902 | 72.9879051 | 24.22 | 33.7023 |
| 72.8757523 | 24.26 | 33.7419 | 72.9320023 | 24.23 | 33.7175 | 72.9882523 | 24.2 | 33.7145 |
| 72.8760995 | 24.26 | 33.7419 | 72.9323495 | 24.23 | 33.7516 | 72.9885995 | 24.2 | 33.7017 |
| 72.8764468 | 24.26 | 33.7632 | 72.9326968 | 24.24 | 33.6775 | 72.9889468 | 24.2 | 33.7485 |
| 72.876794 | 24.26 | 33.7802 | 72.933044 | 24.23 | 33.7175 | 72.989294 | 24.2 | 33.689 |
| 72.8771412 | 24.26 | 33.7376 | 72.9333912 | 24.23 | 33.7175 | 72.9896412 | 24.22 | 33.6896 |
| 72.8774884 | 24.26 | 33.7589 | 72.9337384 | 24.23 | 33.743 | 72.9899884 | 24.2 | 33.689 |
| 72.8778357 | 24.26 | 33.7717 | 72.9340857 | 24.23 | 33.7048 | 72.9903357 | 24.2 | 33.7017 |
| 72.8781829 | 24.26 | 33.7504 | 72.9344329 | 24.24 | 33.7327 | 72.9906829 | 24.2 | 33.7017 |
| 72.8785301 | 24.26 | 33.7589 | 72.9347801 | 24.23 | 33.7175 | 72.9910301 | 24.2 | 33.689 |
| 72.8788773 | 24.27 | 33.7656 | 72.9351273 | 24.23 | 33.709 | 72.9913773 | 24.22 | 33.7363 |
| 72.8792245 | 24.27 | 33.787 | 72.9354745 | 24.23 | 33.7303 | 72.9917245 | 24.22 | 33.7023 |
| 72.8795718 | 24.27 | 33.787 | 72.9358218 | 24.23 | 33.7048 | 72.9920718 | 24.2 | 33.7272 |
| 72.879919 | 24.26 | 33.7845 | 72.936169 | 24.23 | 33.709 | 72.992419 | 24.22 | 33.7491 |
| 72.8802662 | 24.27 | 33.7529 | 72.9365162 | 24.23 | 33.7048 | 72.9927662 | 24.22 | 33.7151 |
| 72.8806134 | 24.27 | 33.787 | 72.9368634 | 24.23 | 33.7175 | 72.9931134 | 24.22 | 33.7236 |
| 72.8809607 | 24.26 | 33.7334 | 72.9372107 | 24.23 | 33.7175 | 72.9934607 | 24.22 | 33.7363 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8813079 | 24.27 | 33.7529 | 72.9375579 | 24.23 | 33.709 | 72.9938079 | 24.23 | 33.709 |
| 72.8816551 | 24.26 | 33.7674 | 72.9379051 | 24.23 | 33.7048 | 72.9941551 | 24.23 | 33.6624 |
| 72.8820023 | 24.27 | 33.7529 | 72.9382523 | 24.23 | 33.7048 | 72.9945023 | 24.23 | 33.709 |
| 72.8823495 | 24.27 | 33.7529 | 72.9385995 | 24.23 | 33.7175 | 72.9948495 | 24.23 | 33.709 |
| 72.8826968 | 24.27 | 33.787 | 72.9389468 | 24.23 | 33.7388 | 72.9951968 | 24.23 | 33.6624 |
| 72.883044 | 24.3 | 33.7773 | 72.939294 | 24.23 | 33.709 | 72.995544 | 24.23 | 33.6624 |
| 72.8833912 | 24.29 | 33.7877 | 72.9396412 | 24.23 | 33.7175 | 72.9958912 | 24.22 | 33.6304 |
| 72.8837384 | 24.27 | 33.7529 | 72.9399884 | 24.23 | 33.7303 | 72.9962384 | 24.22 | 33.6304 |
| 72.8840857 | 24.27 | 33.7529 | 72.9403357 | 24.23 | 33.7133 | 72.9965857 | 24.22 | 33.643 |
| 72.8844329 | 24.29 | 33.728 | 72.9406829 | 24.23 | 33.7303 | 72.9969329 | 24.2 | 33.634 |
| 72.8847801 | 24.29 | 33.7877 | 72.9410301 | 24.23 | 33.7303 | 72.9972801 | 24.2 | 33.6213 |
| 72.8851273 | 24.29 | 33.7365 | 72.9413773 | 24.23 | 33.6963 | 72.9976273 | 24.2 | 33.6213 |
| 72.8854745 | 24.27 | 33.7614 | 72.9417245 | 24.23 | 33.7048 | | | |

DPS1-3

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.8295718 | 24.27 | 34.2433 | 72.8858218 | 24.29 | 33.6748 | 72.9420718 | 24.23 | 33.5963 |
| 72.829919 | 24.27 | 34.0849 | 72.886169 | 24.27 | 33.687 | 72.942419 | 24.23 | 33.6388 |
| 72.8302662 | 24.29 | 33.9809 | 72.8865162 | 24.27 | 33.6614 | 72.9427662 | 24.23 | 33.6175 |
| 72.8306134 | 24.3 | 33.9487 | 72.8868634 | 24.26 | 33.6461 | 72.9431134 | 24.23 | 33.5836 |
| 72.8309607 | 24.32 | 33.8541 | 72.8872107 | 24.26 | 33.6674 | 72.9434607 | 24.23 | 33.5921 |
| 72.8313079 | 24.3 | 33.8836 | 72.8875579 | 24.26 | 33.6206 | 72.9438079 | 24.23 | 33.6516 |
| 72.8316551 | 24.32 | 33.8412 | 72.8879051 | 24.27 | 33.6614 | 72.9441551 | 24.23 | 33.5921 |
| 72.8320023 | 24.33 | 33.8221 | 72.8882523 | 24.27 | 33.6358 | 72.9445023 | 24.23 | 33.6133 |
| 72.8323495 | 24.33 | 33.8135 | 72.8885995 | 24.27 | 33.6742 | 72.9448495 | 24.23 | 33.626 |
| 72.8326968 | 24.33 | 33.8394 | 72.8889468 | 24.27 | 33.6486 | 72.9451968 | 24.23 | 33.6048 |
| 72.833044 | 24.33 | 33.8092 | 72.889294 | 24.26 | 33.6334 | 72.945544 | 24.23 | 33.6048 |
| 72.8333912 | 24.33 | 33.7963 | 72.8896412 | 24.26 | 33.6461 | 72.9458912 | 24.23 | 33.6175 |
| 72.8337384 | 24.33 | 33.7705 | 72.8899884 | 24.26 | 33.6334 | 72.9462384 | 24.23 | 33.5793 |
| 72.8340857 | 24.33 | 33.7791 | 72.8903357 | 24.26 | 33.6461 | 72.9465857 | 24.22 | 33.6193 |
| 72.8344329 | 24.33 | 33.7748 | 72.8906829 | 24.26 | 33.6461 | 72.9469329 | 24.23 | 33.6303 |
| 72.8347801 | 24.33 | 33.7791 | 72.8910301 | 24.26 | 33.6674 | 72.9472801 | 24.22 | 33.6236 |
| 72.8351273 | 24.32 | 33.7594 | 72.8913773 | 24.24 | 33.6796 | 72.9476273 | 24.22 | 33.5981 |
| 72.8354745 | 24.3 | 33.7715 | 72.8917245 | 24.26 | 33.6589 | 72.9479745 | 24.22 | 33.6236 |
| 72.8358218 | 24.3 | 33.7544 | 72.8920718 | 24.26 | 33.6334 | 72.9483218 | 24.22 | 33.6448 |
| 72.836169 | 24.3 | 33.7715 | 72.892419 | 24.26 | 33.6291 | 72.948669 | 24.22 | 33.6236 |
| 72.8365162 | 24.3 | 33.7329 | 72.8927662 | 24.24 | 33.6711 | 72.9490162 | 24.22 | 33.5981 |
| 72.8368634 | 24.3 | 33.7415 | 72.8931134 | 24.24 | 33.6327 | 72.9493634 | 24.22 | 33.6108 |
| 72.8372107 | 24.3 | 33.763 | 72.8934607 | 24.24 | 33.6455 | 72.9497107 | 24.22 | 33.5981 |
| 72.8375579 | 24.32 | 33.7379 | 72.8938079 | 24.24 | 33.6327 | 72.9500579 | 24.22 | 33.5854 |
| 72.8379051 | 24.3 | 33.7158 | 72.8941551 | 24.24 | 33.6583 | 72.9504051 | 24.22 | 33.5981 |
| 72.8382523 | 24.3 | 33.7501 | 72.8945023 | 24.24 | 33.62 | 72.9507523 | 24.23 | 33.6005 |
| 72.8385995 | 24.3 | 33.7887 | 72.8948495 | 24.24 | 33.6412 | 72.9510995 | 24.22 | 33.6363 |
| 72.8389468 | 24.3 | 33.7501 | 72.8951968 | 24.24 | 33.6455 | 72.9514468 | 24.22 | 33.5854 |
| 72.839294 | 24.3 | 33.7372 | 72.895544 | 24.23 | 33.6516 | 72.951794 | 24.22 | 33.6108 |
| 72.8396412 | 24.3 | 33.7372 | 72.8958912 | 24.23 | 33.6771 | 72.9521412 | 24.22 | 33.6193 |
| 72.8399884 | 24.3 | 33.7329 | 72.8962384 | 24.24 | 33.6327 | 72.9524884 | 24.22 | 33.6236 |
| 72.8403357 | 24.3 | 33.7372 | 72.8965857 | 24.23 | 33.6473 | 72.9528357 | 24.22 | 33.6363 |
| 72.8406829 | 24.3 | 33.7115 | 72.8969329 | 24.23 | 33.6388 | 72.9531829 | 24.22 | 33.6321 |
| 72.8410301 | 24.3 | 33.7672 | 72.8972801 | 24.23 | 33.6388 | 72.9535301 | 24.22 | 33.6321 |
| 72.8413773 | 24.3 | 33.7372 | 72.8976273 | 24.23 | 33.6388 | 72.9538773 | 24.22 | 33.6321 |
| 72.8417245 | 24.3 | 33.7329 | 72.8979745 | 24.23 | 33.6175 | 72.9542245 | 24.22 | 33.6066 |
| 72.8420718 | 24.3 | 33.7201 | 72.8983218 | 24.23 | 33.6133 | 72.9545718 | 24.22 | 33.6321 |
| 72.842419 | 24.3 | 33.7244 | 72.898669 | 24.23 | 33.6473 | 72.954919 | 24.22 | 33.6108 |
| 72.8427662 | 24.29 | 33.7647 | 72.8990162 | 24.23 | 33.626 | 72.9552662 | 24.22 | 33.5981 |
| 72.8431134 | 24.29 | 33.7262 | 72.8993634 | 24.23 | 33.6388 | 72.9556134 | 24.22 | 33.6193 |
| 72.8434607 | 24.29 | 33.7133 | 72.8997107 | 24.23 | 33.6388 | 72.9559607 | 24.22 | 33.6448 |
| 72.8438079 | 24.29 | 33.7519 | 72.9000579 | 24.23 | 33.6601 | 72.9563079 | 24.22 | 33.5727 |
| 72.8441551 | 24.27 | 33.7512 | 72.9004051 | 24.24 | 33.654 | 72.9566551 | 24.22 | 33.6321 |
| 72.8445023 | 24.26 | 33.723 | 72.9007523 | 24.24 | 33.6412 | 72.9570023 | 24.22 | 33.6066 |
| 72.8448495 | 24.26 | 33.723 | 72.9010995 | 24.24 | 33.6455 | 72.9573495 | 24.22 | 33.6321 |
| 72.8451968 | 24.27 | 33.7169 | 72.9014468 | 24.24 | 33.62 | 72.9576968 | 24.22 | 33.6066 |
| 72.845544 | 24.26 | 33.7444 | 72.901794 | 24.24 | 33.6668 | 72.958044 | 24.22 | 33.5727 |
| 72.8458912 | 24.26 | 33.7444 | 72.9021412 | 24.24 | 33.6327 | 72.9583912 | 24.22 | 33.6278 |
| 72.8462384 | 24.27 | 33.7598 | 72.9024884 | 24.24 | 33.6327 | 72.9587384 | 24.22 | 33.6066 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8465857 | 24.27 | 33.7383 | 72.9028357 | 24.24 | 33.62 | 72.9590857 | 24.22 | 33.5811 |
| 72.8469329 | 24.27 | 33.6998 | 72.9031829 | 24.24 | 33.62 | 72.9594329 | 24.22 | 33.6448 |
| 72.8472801 | 24.27 | 33.7255 | 72.9035301 | 24.24 | 33.6327 | 72.9597801 | 24.22 | 33.6321 |
| 72.8476273 | 24.26 | 33.7187 | 72.9038773 | 24.24 | 33.654 | 72.9601273 | 24.22 | 33.6448 |
| 72.8479745 | 24.26 | 33.753 | 72.9042245 | 24.24 | 33.62 | 72.9604745 | 24.22 | 33.5854 |
| 72.8483218 | 24.26 | 33.7187 | 72.9045718 | 24.24 | 33.6285 | 72.9608218 | 24.22 | 33.6108 |
| 72.848669 | 24.26 | 33.7315 | 72.904919 | 24.24 | 33.5945 | 72.961169 | 24.22 | 33.6534 |
| 72.8490162 | 24.24 | 33.7138 | 72.9052662 | 24.24 | 33.62 | 72.9615162 | 24.22 | 33.6236 |
| 72.8493634 | 24.24 | 33.7437 | 72.9056134 | 24.24 | 33.5945 | 72.9618634 | 24.22 | 33.6151 |
| 72.8497107 | 24.26 | 33.7273 | 72.9059607 | 24.24 | 33.6285 | 72.9622107 | 24.22 | 33.6534 |
| 72.8500579 | 24.26 | 33.7658 | 72.9063079 | 24.24 | 33.6072 | 72.9625579 | 24.22 | 33.5981 |
| 72.8504051 | 24.26 | 33.7273 | 72.9066551 | 24.24 | 33.6327 | 72.9629051 | 24.22 | 33.6151 |
| 72.8507523 | 24.24 | 33.7437 | 72.9070023 | 24.24 | 33.6412 | 72.9632523 | 24.22 | 33.6321 |
| 72.8510995 | 24.26 | 33.7273 | 72.9073495 | 24.24 | 33.6412 | 72.9635995 | 24.22 | 33.5854 |
| 72.8514468 | 24.26 | 33.7273 | 72.9076968 | 24.24 | 33.6072 | 72.9639468 | 24.22 | 33.6193 |
| 72.851794 | 24.26 | 33.753 | 72.908044 | 24.24 | 33.5945 | 72.964294 | 24.22 | 33.6066 |
| 72.8521412 | 24.26 | 33.753 | 72.9083912 | 24.24 | 33.6072 | 72.9646412 | 24.22 | 33.6448 |
| 72.8524884 | 24.27 | 33.7126 | 72.9087384 | 24.24 | 33.6157 | 72.9649884 | 24.2 | 33.6655 |
| 72.8528357 | 24.27 | 33.7469 | 72.9090857 | 24.24 | 33.5945 | 72.9653357 | 24.22 | 33.6066 |
| 72.8531829 | 24.27 | 33.734 | 72.9094329 | 24.24 | 33.5945 | 72.9656829 | 24.22 | 33.5939 |
| 72.8535301 | 24.27 | 33.6742 | 72.9097801 | 24.23 | 33.6218 | 72.9660301 | 24.22 | 33.6321 |
| 72.8538773 | 24.27 | 33.7426 | 72.9101273 | 24.24 | 33.6327 | 72.9663773 | 24.22 | 33.6151 |
| 72.8542245 | 24.27 | 33.734 | 72.9104745 | 24.24 | 33.6412 | 72.9667245 | 24.22 | 33.5939 |
| 72.8545718 | 24.27 | 33.7426 | 72.9108218 | 24.24 | 33.654 | 72.9670718 | 24.22 | 33.5939 |
| 72.854919 | 24.27 | 33.7126 | 72.911169 | 24.24 | 33.6157 | 72.967419 | 24.22 | 33.5981 |
| 72.8552662 | 24.27 | 33.7212 | 72.9115162 | 24.23 | 33.6218 | 72.9677662 | 24.22 | 33.5811 |
| 72.8556134 | 24.27 | 33.734 | 72.9118634 | 24.24 | 33.6625 | 72.9681134 | 24.22 | 33.5939 |
| 72.8559607 | 24.27 | 33.7083 | 72.9122107 | 24.23 | 33.6473 | 72.9684607 | 24.22 | 33.6406 |
| 72.8563079 | 24.27 | 33.7083 | 72.9125579 | 24.24 | 33.6412 | 72.9688079 | 24.22 | 33.5939 |
| 72.8566551 | 24.27 | 33.7555 | 72.9129051 | 24.23 | 33.6133 | 72.9691551 | 24.22 | 33.6066 |
| 72.8570023 | 24.26 | 33.7487 | 72.9132523 | 24.24 | 33.6412 | 72.9695023 | 24.2 | 33.6187 |
| 72.8573495 | 24.27 | 33.7169 | 72.9135995 | 24.23 | 33.609 | 72.9698495 | 24.22 | 33.6066 |
| 72.8576968 | 24.27 | 33.6955 | 72.9139468 | 24.24 | 33.6625 | 72.9701968 | 24.22 | 33.56 |
| 72.858044 | 24.26 | 33.7273 | 72.914294 | 24.24 | 33.603 | 72.970544 | 24.22 | 33.5854 |
| 72.8583912 | 24.24 | 33.7609 | 72.9146412 | 24.24 | 33.603 | 72.9708912 | 24.2 | 33.6102 |
| 72.8587384 | 24.24 | 33.7737 | 72.9149884 | 24.24 | 33.6157 | 72.9712384 | 24.2 | 33.6187 |
| 72.8590857 | 24.24 | 33.7223 | 72.9153357 | 24.24 | 33.6412 | 72.9715857 | 24.22 | 33.5939 |
| 72.8594329 | 24.26 | 33.7401 | 72.9156829 | 24.24 | 33.6285 | 72.9719329 | 24.22 | 33.6023 |
| 72.8597801 | 24.26 | 33.7615 | 72.9160301 | 24.23 | 33.6218 | 72.9722801 | 24.22 | 33.5684 |
| 72.8601273 | 24.26 | 33.723 | 72.9163773 | 24.23 | 33.6345 | 72.9726273 | 24.22 | 33.5896 |
| 72.8604745 | 24.26 | 33.7401 | 72.9167245 | 24.23 | 33.6345 | 72.9729745 | 24.2 | 33.606 |
| 72.8608218 | 24.26 | 33.7101 | 72.9170718 | 24.23 | 33.6558 | 72.9733218 | 24.2 | 33.6272 |
| 72.861169 | 24.26 | 33.7487 | 72.917419 | 24.24 | 33.6157 | 72.973669 | 24.2 | 33.5805 |
| 72.8615162 | 24.26 | 33.7315 | 72.9177662 | 24.23 | 33.6473 | 72.9740162 | 24.2 | 33.64 |
| 72.8618634 | 24.26 | 33.6973 | 72.9181134 | 24.23 | 33.609 | 72.9743634 | 24.2 | 33.606 |
| 72.8622107 | 24.27 | 33.7383 | 72.9184607 | 24.23 | 33.643 | 72.9747107 | 24.22 | 33.5811 |
| 72.8625579 | 24.26 | 33.7358 | 72.9188079 | 24.23 | 33.6473 | 72.9750579 | 24.2 | 33.606 |
| 72.8629051 | 24.27 | 33.7169 | 72.9191551 | 24.23 | 33.5836 | 72.9754051 | 24.22 | 33.6066 |
| 72.8632523 | 24.27 | 33.7212 | 72.9195023 | 24.23 | 33.6303 | 72.9757523 | 24.22 | 33.5896 |
| 72.8635995 | 24.27 | 33.7426 | 72.9198495 | 24.23 | 33.6345 | 72.9760995 | 24.2 | 33.6272 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8639468 | 24.27 | 33.734 | 72.9201968 | 24.23 | 33.609 | 72.9764468 | 24.22 | 33.6151 |
| 72.864294 | 24.26 | 33.7358 | 72.920544 | 24.23 | 33.6175 | 72.976794 | 24.22 | 33.6023 |
| 72.8646412 | 24.24 | 33.7566 | 72.9208912 | 24.23 | 33.6345 | 72.9771412 | 24.22 | 33.6023 |
| 72.8649884 | 24.24 | 33.7609 | 72.9212384 | 24.23 | 33.6558 | 72.9774884 | 24.2 | 33.5933 |
| 72.8653357 | 24.24 | 33.7394 | 72.9215857 | 24.23 | 33.6218 | 72.9778357 | 24.2 | 33.6272 |
| 72.8656829 | 24.24 | 33.7351 | 72.9219329 | 24.23 | 33.5963 | 72.9781829 | 24.22 | 33.5684 |
| 72.8660301 | 24.26 | 33.7101 | 72.9222801 | 24.23 | 33.643 | 72.9785301 | 24.2 | 33.5933 |
| 72.8663773 | 24.26 | 33.6888 | 72.9226273 | 24.23 | 33.6345 | 72.9788773 | 24.2 | 33.6272 |
| 72.8667245 | 24.26 | 33.7487 | 72.9229745 | 24.23 | 33.6175 | 72.9792245 | 24.22 | 33.6066 |
| 72.8670718 | 24.26 | 33.7358 | 72.9233218 | 24.23 | 33.6303 | 72.9795718 | 24.22 | 33.5811 |
| 72.867419 | 24.26 | 33.7315 | 72.923669 | 24.23 | 33.5751 | 72.979919 | 24.22 | 33.5896 |
| 72.8677662 | 24.26 | 33.7101 | 72.9240162 | 24.23 | 33.6303 | 72.9802662 | 24.2 | 33.6272 |
| 72.8681134 | 24.26 | 33.7315 | 72.9243634 | 24.23 | 33.6558 | 72.9806134 | 24.22 | 33.5896 |
| 72.8684607 | 24.24 | 33.7009 | 72.9247107 | 24.23 | 33.609 | 72.9809607 | 24.22 | 33.6151 |
| 72.8688079 | 24.24 | 33.6881 | 72.9250579 | 24.23 | 33.6303 | 72.9813079 | 24.2 | 33.64 |
| 72.8691551 | 24.24 | 33.6625 | 72.9254051 | 24.23 | 33.609 | 72.9816551 | 24.22 | 33.6023 |
| 72.8695023 | 24.24 | 33.6625 | 72.9257523 | 24.23 | 33.6175 | 72.9820023 | 24.2 | 33.606 |
| 72.8698495 | 24.24 | 33.6285 | 72.9260995 | 24.24 | 33.6115 | 72.9823495 | 24.22 | 33.6151 |
| 72.8701968 | 24.24 | 33.6412 | 72.9264468 | 24.23 | 33.6303 | 72.9826968 | 24.22 | 33.5939 |
| 72.870544 | 24.24 | 33.654 | 72.926794 | 24.24 | 33.6242 | 72.983044 | 24.2 | 33.606 |
| 72.8708912 | 24.24 | 33.6753 | 72.9271412 | 24.24 | 33.6242 | 72.9833912 | 24.2 | 33.6272 |
| 72.8712384 | 24.24 | 33.6753 | 72.9274884 | 24.23 | 33.609 | 72.9837384 | 24.2 | 33.606 |
| 72.8715857 | 24.24 | 33.6753 | 72.9278357 | 24.24 | 33.6242 | 72.9840857 | 24.2 | 33.6357 |
| 72.8719329 | 24.24 | 33.6285 | 72.9281829 | 24.23 | 33.6303 | 72.9844329 | 24.2 | 33.6017 |
| 72.8722801 | 24.24 | 33.6412 | 72.9285301 | 24.23 | 33.5963 | 72.9847801 | 24.2 | 33.6187 |
| 72.8726273 | 24.24 | 33.62 | 72.9288773 | 24.23 | 33.6303 | 72.9851273 | 24.22 | 33.6236 |
| 72.8729745 | 24.24 | 33.6285 | 72.9292245 | 24.23 | 33.643 | 72.9854745 | 24.22 | 33.6023 |
| 72.8733218 | 24.24 | 33.6412 | 72.9295718 | 24.24 | 33.6242 | 72.9858218 | 24.22 | 33.6023 |
| 72.873669 | 24.24 | 33.6412 | 72.929919 | 24.23 | 33.6175 | 72.986169 | 24.2 | 33.6145 |
| 72.8740162 | 24.24 | 33.6157 | 72.9302662 | 24.24 | 33.5648 | 72.9865162 | 24.2 | 33.6017 |
| 72.8743634 | 24.24 | 33.6753 | 72.9306134 | 24.23 | 33.6303 | 72.9868634 | 24.2 | 33.5933 |
| 72.8747107 | 24.23 | 33.6345 | 72.9309607 | 24.24 | 33.6242 | 72.9872107 | 24.22 | 33.6363 |
| 72.8750579 | 24.24 | 33.654 | 72.9313079 | 24.23 | 33.6175 | 72.9875579 | 24.2 | 33.6145 |
| 72.8754051 | 24.24 | 33.6157 | 72.9316551 | 24.24 | 33.5902 | 72.9879051 | 24.22 | 33.6023 |
| 72.8757523 | 24.26 | 33.6419 | 72.9320023 | 24.23 | 33.6175 | 72.9882523 | 24.2 | 33.6145 |
| 72.8760995 | 24.26 | 33.6419 | 72.9323495 | 24.23 | 33.6516 | 72.9885995 | 24.2 | 33.6017 |
| 72.8764468 | 24.26 | 33.6632 | 72.9326968 | 24.24 | 33.5775 | 72.9889468 | 24.2 | 33.6485 |
| 72.876794 | 24.26 | 33.6802 | 72.933044 | 24.23 | 33.6175 | 72.989294 | 24.2 | 33.589 |
| 72.8771412 | 24.26 | 33.6376 | 72.9333912 | 24.23 | 33.6175 | 72.9896412 | 24.22 | 33.5896 |
| 72.8774884 | 24.26 | 33.6589 | 72.9337384 | 24.23 | 33.643 | 72.9899884 | 24.2 | 33.589 |
| 72.8778357 | 24.26 | 33.6717 | 72.9340857 | 24.23 | 33.6048 | 72.9903357 | 24.2 | 33.6017 |
| 72.8781829 | 24.26 | 33.6504 | 72.9344329 | 24.24 | 33.6327 | 72.9906829 | 24.2 | 33.6017 |
| 72.8785301 | 24.26 | 33.6589 | 72.9347801 | 24.23 | 33.6175 | 72.9910301 | 24.2 | 33.589 |
| 72.8788773 | 24.27 | 33.6656 | 72.9351273 | 24.23 | 33.609 | 72.9913773 | 24.22 | 33.6363 |
| 72.8792245 | 24.27 | 33.687 | 72.9354745 | 24.23 | 33.6303 | 72.9917245 | 24.22 | 33.6023 |
| 72.8795718 | 24.27 | 33.687 | 72.9358218 | 24.23 | 33.6048 | 72.9920718 | 24.2 | 33.6272 |
| 72.879919 | 24.26 | 33.6845 | 72.936169 | 24.23 | 33.609 | 72.992419 | 24.22 | 33.6491 |
| 72.8802662 | 24.27 | 33.6529 | 72.9365162 | 24.23 | 33.6048 | 72.9927662 | 24.22 | 33.6151 |
| 72.8806134 | 24.27 | 33.687 | 72.9368634 | 24.23 | 33.6175 | 72.9931134 | 24.22 | 33.6236 |
| 72.8809607 | 24.26 | 33.6334 | 72.9372107 | 24.23 | 33.6175 | 72.9934607 | 24.22 | 33.6363 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8813079 | 24.27 | 33.6529 | 72.9375579 | 24.23 | 33.609 | 72.9938079 | 24.23 | 33.609 |
| 72.8816551 | 24.26 | 33.6674 | 72.9379051 | 24.23 | 33.6048 | 72.9941551 | 24.23 | 33.5624 |
| 72.8820023 | 24.27 | 33.6529 | 72.9382523 | 24.23 | 33.6048 | 72.9945023 | 24.23 | 33.609 |
| 72.8823495 | 24.27 | 33.6529 | 72.9385995 | 24.23 | 33.6175 | 72.9948495 | 24.23 | 33.609 |
| 72.8826968 | 24.27 | 33.687 | 72.9389468 | 24.23 | 33.6388 | 72.9951968 | 24.23 | 33.5624 |
| 72.883044 | 24.3 | 33.6773 | 72.939294 | 24.23 | 33.609 | 72.995544 | 24.23 | 33.5624 |
| 72.8833912 | 24.29 | 33.6877 | 72.9396412 | 24.23 | 33.6175 | 72.9958912 | 24.22 | 33.5304 |
| 72.8837384 | 24.27 | 33.6529 | 72.9399884 | 24.23 | 33.6303 | 72.9962384 | 24.22 | 33.5304 |
| 72.8840857 | 24.27 | 33.6529 | 72.9403357 | 24.23 | 33.6133 | 72.9965857 | 24.22 | 33.543 |
| 72.8844329 | 24.29 | 33.628 | 72.9406829 | 24.23 | 33.6303 | 72.9969329 | 24.2 | 33.534 |
| 72.8847801 | 24.29 | 33.6877 | 72.9410301 | 24.23 | 33.6303 | 72.9972801 | 24.2 | 33.5213 |
| 72.8851273 | 24.29 | 33.6365 | 72.9413773 | 24.23 | 33.5963 | 72.9976273 | 24.2 | 33.5213 |
| 72.8854745 | 24.27 | 33.6614 | 72.9417245 | 24.23 | 33.6048 | | | |

DPS3-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.3839699 | 25.16 | 34.1545 | 72.4429977 | 24.55 | 33.7161 | 72.5016782 | 24.47 | 33.7386 |
| 72.3843171 | 25.25 | 33.8774 | 72.4433449 | 24.54 | 33.7212 | 72.5020255 | 24.47 | 33.7623 |
| 72.3846644 | 25.09 | 33.8008 | 72.4436921 | 24.54 | 33.7265 | 72.5023727 | 24.47 | 33.7307 |
| 72.3850116 | 24.95 | 33.8375 | 72.4440394 | 24.55 | 33.7135 | 72.5027199 | 24.47 | 33.7386 |
| 72.3853588 | 24.81 | 33.8131 | 72.4443866 | 24.55 | 33.7292 | 72.5030671 | 24.47 | 33.7702 |
| 72.385706 | 24.84 | 33.7607 | 72.4447338 | 24.54 | 33.7107 | 72.5034144 | 24.47 | 33.7623 |
| 72.3860532 | 24.77 | 33.7858 | 72.445081 | 24.54 | 33.7212 | 72.5037616 | 24.47 | 33.7255 |
| 72.3864005 | 24.7 | 33.7924 | 72.4454282 | 24.54 | 33.7107 | 72.5041088 | 24.47 | 33.7676 |
| 72.3867477 | 24.66 | 33.797 | 72.4457755 | 24.52 | 33.7367 | 72.504456 | 24.47 | 33.7386 |
| 72.3870949 | 24.65 | 33.7836 | 72.4461227 | 24.52 | 33.7604 | 72.5048032 | 24.47 | 33.7623 |
| 72.3874421 | 24.63 | 33.7489 | 72.4464699 | 24.52 | 33.7288 | 72.5051505 | 24.47 | 33.7255 |
| 72.3877894 | 24.61 | 33.7592 | 72.4468171 | 24.52 | 33.7367 | 72.5054977 | 24.47 | 33.7544 |
| 72.3881366 | 24.59 | 33.7483 | 72.4471644 | 24.52 | 33.7288 | 72.5058449 | 24.47 | 33.7544 |
| 72.3884838 | 24.55 | 33.7635 | 72.4475116 | 24.52 | 33.7367 | 72.5061921 | 24.47 | 33.7386 |
| 72.388831 | 24.52 | 33.7789 | 72.4478588 | 24.52 | 33.6999 | 72.5065394 | 24.47 | 33.7386 |
| 72.3891782 | 24.52 | 33.7921 | 72.448206 | 24.51 | 33.7339 | 72.5068866 | 24.47 | 33.7544 |
| 72.3895255 | 24.51 | 33.7602 | 72.4485532 | 24.52 | 33.7288 | 72.5072338 | 24.47 | 33.7623 |
| 72.3898727 | 24.52 | 33.7762 | 72.4489005 | 24.51 | 33.7103 | 72.507581 | 24.46 | 33.7438 |
| 72.3902199 | 24.52 | 33.7736 | 72.4492477 | 24.52 | 33.7209 | 72.5079282 | 24.46 | 33.7359 |
| 72.3905671 | 24.51 | 33.7313 | 72.4495949 | 24.52 | 33.7078 | 72.5082755 | 24.46 | 33.7674 |
| 72.3909144 | 24.51 | 33.7444 | 72.4499421 | 24.52 | 33.7367 | 72.5086227 | 24.47 | 33.7755 |
| 72.3912616 | 24.51 | 33.7208 | 72.4502894 | 24.51 | 33.726 | 72.5089699 | 24.47 | 33.7465 |
| 72.3916088 | 24.5 | 33.7338 | 72.4506366 | 24.52 | 33.7341 | 72.5093171 | 24.47 | 33.7544 |
| 72.391956 | 24.5 | 33.7575 | 72.4509838 | 24.52 | 33.7209 | 72.5096644 | 24.47 | 33.7623 |
| 72.3923032 | 24.5 | 33.7417 | 72.451331 | 24.52 | 33.7209 | 72.5100116 | 24.47 | 33.7597 |
| 72.3926505 | 24.51 | 33.7287 | 72.4516782 | 24.51 | 33.7339 | 72.5103588 | 24.47 | 33.7544 |
| 72.3929977 | 24.5 | 33.7417 | 72.4520255 | 24.52 | 33.742 | 72.510706 | 24.47 | 33.7465 |
| 72.3933449 | 24.5 | 33.7417 | 72.4523727 | 24.52 | 33.7367 | 72.5110532 | 24.47 | 33.7676 |
| 72.3936921 | 24.51 | 33.705 | 72.4527199 | 24.52 | 33.7209 | 72.5114005 | 24.47 | 33.7465 |
| 72.3940394 | 24.51 | 33.705 | 72.4530671 | 24.52 | 33.742 | 72.5117477 | 24.47 | 33.7386 |
| 72.3943866 | 24.5 | 33.7259 | 72.4534144 | 24.51 | 33.7418 | 72.5120949 | 24.47 | 33.7439 |
| 72.3947338 | 24.5 | 33.7338 | 72.4537616 | 24.52 | 33.7052 | 72.5124421 | 24.47 | 33.736 |
| 72.395081 | 24.5 | 33.718 | 72.4541088 | 24.52 | 33.713 | 72.5127894 | 24.47 | 33.7676 |
| 72.3954282 | 24.5 | 33.7259 | 72.454456 | 24.52 | 33.7262 | 72.5131366 | 24.47 | 33.7518 |
| 72.3957755 | 24.5 | 33.739 | 72.4548032 | 24.52 | 33.7341 | 72.5134838 | 24.47 | 33.7597 |
| 72.3961227 | 24.5 | 33.6997 | 72.4551505 | 24.52 | 33.7183 | 72.513831 | 24.47 | 33.7334 |
| 72.3964699 | 24.5 | 33.7154 | 72.4554977 | 24.52 | 33.7262 | 72.5141782 | 24.46 | 33.7727 |
| 72.3968171 | 24.5 | 33.7154 | 72.4558449 | 24.51 | 33.6945 | 72.5145255 | 24.46 | 33.7438 |
| 72.3971644 | 24.5 | 33.7233 | 72.4561921 | 24.51 | 33.7497 | 72.5148727 | 24.47 | 33.7465 |
| 72.3975116 | 24.5 | 33.6839 | 72.4565394 | 24.51 | 33.755 | 72.5152199 | 24.46 | 33.7411 |
| 72.3978588 | 24.5 | 33.7312 | 72.4568866 | 24.52 | 33.7262 | 72.5155671 | 24.47 | 33.7676 |
| 72.398206 | 24.5 | 33.6997 | 72.4572338 | 24.52 | 33.7052 | 72.5159144 | 24.47 | 33.7518 |
| 72.3985532 | 24.5 | 33.7285 | 72.457581 | 24.51 | 33.7392 | 72.5162616 | 24.46 | 33.7438 |
| 72.3989005 | 24.5 | 33.7128 | 72.4579282 | 24.52 | 33.7262 | 72.5166088 | 24.46 | 33.7359 |
| 72.3992477 | 24.5 | 33.7285 | 72.4582755 | 24.52 | 33.7341 | 72.516956 | 24.46 | 33.749 |
| 72.3995949 | 24.48 | 33.7151 | 72.4586227 | 24.51 | 33.7392 | 72.5173032 | 24.46 | 33.7438 |
| 72.3999421 | 24.5 | 33.7285 | 72.4589699 | 24.51 | 33.7339 | 72.5176505 | 24.46 | 33.749 |
| 72.4002894 | 24.5 | 33.7285 | 72.4593171 | 24.51 | 33.7392 | 72.5179977 | 24.46 | 33.7569 |
| 72.4006366 | 24.5 | 33.7259 | 72.4596644 | 24.51 | 33.7392 | 72.5183449 | 24.46 | 33.749 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.4009838 | 24.5 | 33.6839 | 72.4600116 | 24.51 | 33.7234 | 72.5186921 | 24.46 | 33.7727 |
| 72.401331 | 24.48 | 33.7125 | 72.4603588 | 24.51 | 33.726 | 72.5190394 | 24.46 | 33.7727 |
| 72.4016782 | 24.48 | 33.7151 | 72.460706 | 24.51 | 33.7392 | 72.5193866 | 24.46 | 33.7569 |
| 72.4020255 | 24.48 | 33.723 | 72.4610532 | 24.51 | 33.7313 | 72.5197338 | 24.46 | 33.7727 |
| 72.4023727 | 24.48 | 33.7151 | 72.4614005 | 24.51 | 33.7155 | 72.520081 | 24.46 | 33.7727 |
| 72.4027199 | 24.48 | 33.7046 | 72.4617477 | 24.51 | 33.6998 | 72.5204282 | 24.47 | 33.7518 |
| 72.4030671 | 24.48 | 33.6627 | 72.4620949 | 24.51 | 33.726 | 72.5207755 | 24.46 | 33.7727 |
| 72.4034144 | 24.48 | 33.7151 | 72.4624421 | 24.51 | 33.7234 | 72.5211227 | 24.46 | 33.7569 |
| 72.4037616 | 24.48 | 33.7073 | 72.4627894 | 24.52 | 33.7104 | 72.5214699 | 24.46 | 33.7806 |
| 72.4041088 | 24.48 | 33.6994 | 72.4631366 | 24.52 | 33.7183 | 72.5218171 | 24.46 | 33.7674 |
| 72.404456 | 24.48 | 33.6994 | 72.4634838 | 24.51 | 33.7313 | 72.5221644 | 24.46 | 33.7411 |
| 72.4048032 | 24.48 | 33.7125 | 72.463831 | 24.51 | 33.7366 | 72.5225116 | 24.46 | 33.7806 |
| 72.4051505 | 24.48 | 33.6994 | 72.4641782 | 24.51 | 33.7234 | 72.5228588 | 24.47 | 33.7439 |
| 72.4054977 | 24.5 | 33.6708 | 72.4645255 | 24.51 | 33.7182 | 72.523206 | 24.46 | 33.7648 |
| 72.4058449 | 24.5 | 33.6944 | 72.4648727 | 24.51 | 33.7155 | 72.5235532 | 24.46 | 33.7648 |
| 72.4061921 | 24.5 | 33.6892 | 72.4652199 | 24.51 | 33.7392 | 72.5239005 | 24.46 | 33.7569 |
| 72.4065394 | 24.5 | 33.6944 | 72.4655671 | 24.51 | 33.726 | 72.5242477 | 24.46 | 33.7516 |
| 72.4068866 | 24.51 | 33.6893 | 72.4659144 | 24.51 | 33.7313 | 72.5245949 | 24.46 | 33.749 |
| 72.4072338 | 24.51 | 33.7103 | 72.4662616 | 24.5 | 33.7285 | 72.5249421 | 24.46 | 33.7359 |
| 72.407581 | 24.52 | 33.7052 | 72.4666088 | 24.5 | 33.7285 | 72.5252894 | 24.46 | 33.7648 |
| 72.4079282 | 24.51 | 33.7103 | 72.466956 | 24.5 | 33.7575 | 72.5256366 | 24.46 | 33.7569 |
| 72.4082755 | 24.52 | 33.6973 | 72.4673032 | 24.5 | 33.7522 | 72.5259838 | 24.46 | 33.7411 |
| 72.4086227 | 24.52 | 33.6737 | 72.4676505 | 24.5 | 33.7443 | 72.526331 | 24.46 | 33.7411 |
| 72.4089699 | 24.52 | 33.7104 | 72.4679977 | 24.5 | 33.7364 | 72.5266782 | 24.46 | 33.7806 |
| 72.4093171 | 24.51 | 33.7024 | 72.4683449 | 24.48 | 33.7546 | 72.5270255 | 24.46 | 33.778 |
| 72.4096644 | 24.52 | 33.6894 | 72.4686921 | 24.5 | 33.7443 | 72.5273727 | 24.46 | 33.7806 |
| 72.4100116 | 24.52 | 33.6947 | 72.4690394 | 24.48 | 33.7467 | 72.5277199 | 24.46 | 33.7569 |
| 72.4103588 | 24.52 | 33.6947 | 72.4693866 | 24.5 | 33.7206 | 72.5280671 | 24.44 | 33.7672 |
| 72.410706 | 24.54 | 33.7002 | 72.4697338 | 24.5 | 33.7575 | 72.5284144 | 24.46 | 33.7806 |
| 72.4110532 | 24.52 | 33.6816 | 72.470081 | 24.5 | 33.7285 | 72.5287616 | 24.46 | 33.7569 |
| 72.4114005 | 24.52 | 33.6894 | 72.4704282 | 24.5 | 33.7128 | 72.5291088 | 24.46 | 33.7727 |
| 72.4117477 | 24.52 | 33.6947 | 72.4707755 | 24.5 | 33.7417 | 72.529456 | 24.46 | 33.7648 |
| 72.4120949 | 24.52 | 33.7183 | 72.4711227 | 24.5 | 33.7364 | 72.5298032 | 24.46 | 33.778 |
| 72.4124421 | 24.52 | 33.7026 | 72.4714699 | 24.51 | 33.7208 | 72.5301505 | 24.47 | 33.757 |
| 72.4127894 | 24.51 | 33.7077 | 72.4718171 | 24.5 | 33.7338 | 72.5304977 | 24.47 | 33.7518 |
| 72.4131366 | 24.52 | 33.7157 | 72.4721644 | 24.5 | 33.7101 | 72.5308449 | 24.48 | 33.7467 |
| 72.4134838 | 24.52 | 33.6947 | 72.4725116 | 24.5 | 33.7417 | 72.5311921 | 24.48 | 33.7756 |
| 72.413831 | 24.52 | 33.679 | 72.4728588 | 24.5 | 33.7101 | 72.5315394 | 24.5 | 33.7601 |
| 72.4141782 | 24.54 | 33.6976 | 72.473206 | 24.51 | 33.7366 | 72.5318866 | 24.51 | 33.7392 |
| 72.4145255 | 24.52 | 33.679 | 72.4735532 | 24.51 | 33.7392 | 72.5322338 | 24.52 | 33.7183 |
| 72.4148727 | 24.52 | 33.6999 | 72.4739005 | 24.51 | 33.7208 | 72.532581 | 24.57 | 33.7059 |
| 72.4152199 | 24.54 | 33.7055 | 72.4742477 | 24.51 | 33.7339 | 72.5329282 | 24.59 | 33.7193 |
| 72.4155671 | 24.54 | 33.674 | 72.4745949 | 24.51 | 33.6998 | 72.5332755 | 24.68 | 33.6708 |
| 72.4159144 | 24.54 | 33.6819 | 72.4749421 | 24.51 | 33.7208 | 72.5336227 | 24.7 | 33.6449 |
| 72.4162616 | 24.54 | 33.6766 | 72.4752894 | 24.51 | 33.7129 | 72.5339699 | 24.66 | 33.6521 |
| 72.4166088 | 24.54 | 33.6819 | 72.4756366 | 24.51 | 33.7155 | 72.5343171 | 24.68 | 33.6498 |
| 72.416956 | 24.54 | 33.6845 | 72.4759838 | 24.51 | 33.7234 | 72.5346644 | 24.63 | 33.6989 |
| 72.4173032 | 24.54 | 33.6661 | 72.476331 | 24.51 | 33.7523 | 72.5350116 | 24.62 | 33.7014 |
| 72.4176505 | 24.54 | 33.6819 | 72.4766782 | 24.51 | 33.7313 | 72.5353588 | 24.65 | 33.6494 |
| 72.4179977 | 24.55 | 33.6767 | 72.4770255 | 24.51 | 33.7155 | 72.535706 | 24.66 | 33.6652 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.4183449 | 24.54 | 33.6766 | 72.4773727 | 24.51 | 33.7366 | 72.5360532 | 24.68 | 33.6787 |
| 72.4186921 | 24.52 | 33.6842 | 72.4777199 | 24.51 | 33.7208 | 72.5364005 | 24.68 | 33.6551 |
| 72.4190394 | 24.54 | 33.6688 | 72.4780671 | 24.51 | 33.7313 | 72.5367477 | 24.65 | 33.6861 |
| 72.4193866 | 24.54 | 33.6976 | 72.4784144 | 24.51 | 33.7208 | 72.5370949 | 24.68 | 33.6629 |
| 72.4197338 | 24.54 | 33.6897 | 72.4787616 | 24.51 | 33.7129 | 72.5374421 | 24.69 | 33.6736 |
| 72.420081 | 24.54 | 33.7055 | 72.4791088 | 24.51 | 33.7366 | 72.5377894 | 24.73 | 33.6427 |
| 72.4204282 | 24.54 | 33.6819 | 72.479456 | 24.5 | 33.7259 | 72.5381366 | 24.72 | 33.6269 |
| 72.4207755 | 24.54 | 33.7028 | 72.4798032 | 24.5 | 33.7338 | 72.5384838 | 24.7 | 33.6659 |
| 72.4211227 | 24.54 | 33.695 | 72.4801505 | 24.5 | 33.7285 | 72.538831 | 24.7 | 33.6842 |
| 72.4214699 | 24.52 | 33.6999 | 72.4804977 | 24.5 | 33.7443 | 72.5391782 | 24.74 | 33.6455 |
| 72.4218171 | 24.54 | 33.6819 | 72.4808449 | 24.5 | 33.7338 | 72.5395255 | 24.76 | 33.6354 |
| 72.4221644 | 24.54 | 33.6792 | 72.4811921 | 24.5 | 33.7364 | 72.5398727 | 24.76 | 33.6354 |
| 72.4225116 | 24.54 | 33.6871 | 72.4815394 | 24.5 | 33.7259 | 72.5402199 | 24.76 | 33.6118 |
| 72.4228588 | 24.54 | 33.7028 | 72.4818866 | 24.48 | 33.7361 | 72.5405671 | 24.76 | 33.6511 |
| 72.423206 | 24.54 | 33.695 | 72.4822338 | 24.5 | 33.7206 | 72.5409144 | 24.76 | 33.6432 |
| 72.4235532 | 24.55 | 33.7056 | 72.482581 | 24.48 | 33.7309 | 72.5412616 | 24.76 | 33.6642 |
| 72.4239005 | 24.54 | 33.7107 | 72.4829282 | 24.48 | 33.7204 | 72.5416088 | 24.77 | 33.6382 |
| 72.4242477 | 24.54 | 33.695 | 72.4832755 | 24.48 | 33.744 | 72.541956 | 24.76 | 33.6432 |
| 72.4245949 | 24.54 | 33.7081 | 72.4836227 | 24.48 | 33.7283 | 72.5423032 | 24.77 | 33.6513 |
| 72.4249421 | 24.54 | 33.716 | 72.4839699 | 24.48 | 33.7493 | 72.5426505 | 24.79 | 33.6175 |
| 72.4252894 | 24.54 | 33.7238 | 72.4843171 | 24.48 | 33.7361 | 72.5429977 | 24.79 | 33.6332 |
| 72.4256366 | 24.54 | 33.7002 | 72.4846644 | 24.48 | 33.744 | 72.5433449 | 24.72 | 33.6636 |
| 72.4259838 | 24.54 | 33.7238 | 72.4850116 | 24.48 | 33.7519 | 72.5436921 | 24.7 | 33.6737 |
| 72.426331 | 24.55 | 33.703 | 72.4853588 | 24.48 | 33.7361 | 72.5440394 | 24.73 | 33.6506 |
| 72.4266782 | 24.54 | 33.7028 | 72.485706 | 24.47 | 33.7649 | 72.5443866 | 24.79 | 33.6332 |
| 72.4270255 | 24.55 | 33.6663 | 72.4860532 | 24.48 | 33.7546 | 72.5447338 | 24.79 | 33.6411 |
| 72.4273727 | 24.55 | 33.703 | 72.4864005 | 24.48 | 33.7598 | 72.545081 | 24.8 | 33.6203 |
| 72.4277199 | 24.55 | 33.7108 | 72.4867477 | 24.48 | 33.744 | 72.5454282 | 24.8 | 33.6282 |
| 72.4280671 | 24.57 | 33.6928 | 72.4870949 | 24.48 | 33.7519 | 72.5457755 | 24.79 | 33.6332 |
| 72.4284144 | 24.55 | 33.6872 | 72.4874421 | 24.48 | 33.7519 | 72.5461227 | 24.79 | 33.6464 |
| 72.4287616 | 24.54 | 33.7081 | 72.4877894 | 24.48 | 33.7335 | 72.5464699 | 24.79 | 33.6097 |
| 72.4291088 | 24.55 | 33.6951 | 72.4881366 | 24.47 | 33.7492 | 72.5468171 | 24.74 | 33.6665 |
| 72.429456 | 24.55 | 33.7056 | 72.4884838 | 24.48 | 33.7283 | 72.5471644 | 24.74 | 33.6823 |
| 72.4298032 | 24.54 | 33.7212 | 72.488831 | 24.48 | 33.744 | 72.5475116 | 24.7 | 33.6869 |
| 72.4301505 | 24.54 | 33.6766 | 72.4891782 | 24.48 | 33.7283 | 72.5478588 | 24.73 | 33.6611 |
| 72.4304977 | 24.55 | 33.6951 | 72.4895255 | 24.47 | 33.7492 | 72.548206 | 24.74 | 33.6508 |
| 72.4308449 | 24.55 | 33.703 | 72.4898727 | 24.47 | 33.7702 | 72.5485532 | 24.74 | 33.6534 |
| 72.4311921 | 24.54 | 33.6923 | 72.4902199 | 24.47 | 33.7492 | 72.5489005 | 24.76 | 33.6485 |
| 72.4315394 | 24.55 | 33.703 | 72.4905671 | 24.47 | 33.7623 | 72.5492477 | 24.76 | 33.6695 |
| 72.4318866 | 24.55 | 33.6715 | 72.4909144 | 24.48 | 33.744 | 72.5495949 | 24.76 | 33.6616 |
| 72.4322338 | 24.55 | 33.7161 | 72.4912616 | 24.47 | 33.7492 | 72.5499421 | 24.76 | 33.6642 |
| 72.432581 | 24.54 | 33.716 | 72.4916088 | 24.47 | 33.7649 | 72.5502894 | 24.77 | 33.6513 |
| 72.4329282 | 24.55 | 33.7108 | 72.491956 | 24.47 | 33.7623 | 72.5506366 | 24.73 | 33.6716 |
| 72.4332755 | 24.55 | 33.7082 | 72.4923032 | 24.47 | 33.7255 | 72.5509838 | 24.76 | 33.6721 |
| 72.4336227 | 24.54 | 33.7055 | 72.4926505 | 24.47 | 33.7649 | 72.551331 | 24.77 | 33.6775 |
| 72.4339699 | 24.54 | 33.7212 | 72.4929977 | 24.47 | 33.757 | 72.5516782 | 24.76 | 33.6406 |
| 72.4343171 | 24.54 | 33.716 | 72.4933449 | 24.47 | 33.7255 | 72.5520255 | 24.77 | 33.6591 |
| 72.4346644 | 24.55 | 33.7003 | 72.4936921 | 24.46 | 33.7359 | 72.5523727 | 24.77 | 33.6434 |
| 72.4350116 | 24.55 | 33.7003 | 72.4940394 | 24.47 | 33.7702 | 72.5527199 | 24.77 | 33.6408 |
| 72.4353588 | 24.54 | 33.7212 | 72.4943866 | 24.47 | 33.7623 | 72.5530671 | 24.76 | 33.638 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.435706 | 24.55 | 33.7082 | 72.4947338 | 24.47 | 33.7255 | 72.5534144 | 24.76 | 33.6642 |
| 72.4360532 | 24.55 | 33.703 | 72.495081 | 24.47 | 33.7492 | 72.5537616 | 24.74 | 33.6797 |
| 72.4364005 | 24.55 | 33.7082 | 72.4954282 | 24.46 | 33.7595 | 72.5541088 | 24.73 | 33.6847 |
| 72.4367477 | 24.55 | 33.7371 | 72.4957755 | 24.46 | 33.7543 | 72.554456 | 24.72 | 33.6977 |
| 72.4370949 | 24.55 | 33.7161 | 72.4961227 | 24.46 | 33.7595 | 72.5548032 | 24.73 | 33.6795 |
| 72.4374421 | 24.55 | 33.6767 | 72.4964699 | 24.46 | 33.7385 | 72.5551505 | 24.72 | 33.6925 |
| 72.4377894 | 24.55 | 33.7082 | 72.4968171 | 24.46 | 33.7359 | 72.5554977 | 24.7 | 33.6711 |
| 72.4381366 | 24.55 | 33.724 | 72.4971644 | 24.46 | 33.7595 | 72.5558449 | 24.7 | 33.6842 |
| 72.4384838 | 24.55 | 33.7161 | 72.4975116 | 24.46 | 33.7359 | 72.5561921 | 24.7 | 33.6685 |
| 72.438831 | 24.55 | 33.7292 | 72.4978588 | 24.46 | 33.7438 | 72.5565394 | 24.7 | 33.6764 |
| 72.4391782 | 24.55 | 33.7082 | 72.498206 | 24.46 | 33.7516 | 72.5568866 | 24.69 | 33.6762 |
| 72.4395255 | 24.55 | 33.6715 | 72.4985532 | 24.46 | 33.7516 | 72.5572338 | 24.69 | 33.6841 |
| 72.4398727 | 24.54 | 33.7291 | 72.4989005 | 24.46 | 33.7516 | 72.557581 | 24.68 | 33.6734 |
| 72.4402199 | 24.55 | 33.7003 | 72.4992477 | 24.46 | 33.7385 | 72.5579282 | 24.68 | 33.676 |
| 72.4405671 | 24.54 | 33.7133 | 72.4995949 | 24.46 | 33.7701 | 72.5582755 | 24.69 | 33.6893 |
| 72.4409144 | 24.54 | 33.7212 | 72.4999421 | 24.46 | 33.7595 | 72.5586227 | 24.69 | 33.6999 |
| 72.4412616 | 24.55 | 33.7161 | 72.5002894 | 24.47 | 33.7386 | 72.5589699 | 24.69 | 33.6762 |
| 72.4416088 | 24.54 | 33.7212 | 72.5006366 | 24.47 | 33.7781 | 72.5593171 | 24.69 | 33.692 |
| 72.441956 | 24.54 | 33.7186 | 72.5009838 | 24.47 | 33.7544 | 72.5596644 | 24.69 | 33.6972 |
| 72.4423032 | 24.54 | 33.7133 | 72.501331 | 24.47 | 33.7781 | 72.5600116 | 24.66 | 33.7046 |
| 72.4426505 | 24.54 | 33.7423 | | | | | | |

DPS4-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.4793056 | 23.62 | 30.4996 | 72.5730556 | 24.46 | 33.643 | 72.6668056 | 24.38 | 33.6101 |
| 72.4796528 | 24.28 | 33.7789 | 72.5734028 | 24.47 | 33.646 | 72.6671528 | 24.38 | 33.5966 |
| 72.48 | 24.33 | 33.7305 | 72.57375 | 24.47 | 33.646 | 72.6675 | 24.38 | 33.6101 |
| 72.4803472 | 24.34 | 33.7834 | 72.5740972 | 24.47 | 33.637 | 72.6678472 | 24.38 | 33.6236 |
| 72.4806944 | 24.35 | 33.7547 | 72.5744444 | 24.46 | 33.643 | 72.6681944 | 24.37 | 33.6251 |
| 72.4810417 | 24.38 | 33.7093 | 72.5747917 | 24.46 | 33.6565 | 72.6685417 | 24.38 | 33.6101 |
| 72.4813889 | 24.37 | 33.7108 | 72.5751389 | 24.46 | 33.6565 | 72.6688889 | 24.38 | 33.6461 |
| 72.4817361 | 24.37 | 33.738 | 72.5754861 | 24.46 | 33.643 | 72.6692361 | 24.38 | 33.6596 |
| 72.4820833 | 24.38 | 33.7456 | 72.5758333 | 24.46 | 33.652 | 72.6695833 | 24.38 | 33.6191 |
| 72.4824306 | 24.4 | 33.7425 | 72.5761806 | 24.47 | 33.646 | 72.6699306 | 24.38 | 33.6326 |
| 72.4827778 | 24.38 | 33.7819 | 72.5765278 | 24.46 | 33.643 | 72.6702778 | 24.38 | 33.6191 |
| 72.483125 | 24.41 | 33.7229 | 72.576875 | 24.46 | 33.6791 | 72.670625 | 24.38 | 33.6551 |
| 72.4834722 | 24.41 | 33.6731 | 72.5772222 | 24.46 | 33.6791 | 72.6709722 | 24.38 | 33.6191 |
| 72.4838194 | 24.4 | 33.7153 | 72.5775694 | 24.46 | 33.6565 | 72.6713194 | 24.38 | 33.6551 |
| 72.4841667 | 24.37 | 33.729 | 72.5779167 | 24.44 | 33.6686 | 72.6716667 | 24.38 | 33.6551 |
| 72.4845139 | 24.35 | 33.7819 | 72.5782639 | 24.46 | 33.6295 | 72.6720139 | 24.38 | 33.6326 |
| 72.4848611 | 24.35 | 33.7592 | 72.5786111 | 24.46 | 33.6295 | 72.6723611 | 24.38 | 33.5966 |
| 72.4852083 | 24.37 | 33.7335 | 72.5789583 | 24.46 | 33.6295 | 72.6727083 | 24.38 | 33.6191 |
| 72.4855556 | 24.37 | 33.7335 | 72.5793056 | 24.44 | 33.6505 | 72.6730556 | 24.38 | 33.6101 |
| 72.4859028 | 24.38 | 33.7546 | 72.5796528 | 24.44 | 33.6505 | 72.6734028 | 24.38 | 33.6822 |
| 72.48625 | 24.4 | 33.7244 | 72.58 | 24.44 | 33.6821 | 72.67375 | 24.38 | 33.6056 |
| 72.4865972 | 24.4 | 33.7108 | 72.5803472 | 24.44 | 33.619 | 72.6740972 | 24.38 | 33.6191 |
| 72.4869444 | 24.37 | 33.7562 | 72.5806944 | 24.44 | 33.592 | 72.6744444 | 24.37 | 33.6476 |
| 72.4872917 | 24.4 | 33.7018 | 72.5810417 | 24.44 | 33.6505 | 72.6747917 | 24.38 | 33.6191 |
| 72.4876389 | 24.38 | 33.7229 | 72.5813889 | 24.44 | 33.6505 | 72.6751389 | 24.38 | 33.6191 |
| 72.4879861 | 24.38 | 33.7365 | 72.5817361 | 24.44 | 33.655 | 72.6754861 | 24.37 | 33.5847 |
| 72.4883333 | 24.38 | 33.7365 | 72.5820833 | 24.44 | 33.628 | 72.6758333 | 24.37 | 33.6161 |
| 72.4886806 | 24.4 | 33.6972 | 72.5824306 | 24.44 | 33.6776 | 72.6761806 | 24.38 | 33.6416 |
| 72.4890278 | 24.4 | 33.7516 | 72.5827778 | 24.44 | 33.655 | 72.6765278 | 24.37 | 33.6521 |
| 72.489375 | 24.4 | 33.7516 | 72.583125 | 24.44 | 33.6505 | 72.676875 | 24.38 | 33.6056 |
| 72.4897222 | 24.38 | 33.7365 | 72.5834722 | 24.44 | 33.6912 | 72.6772222 | 24.38 | 33.6056 |
| 72.4900694 | 24.37 | 33.729 | 72.5838194 | 24.44 | 33.628 | 72.6775694 | 24.38 | 33.6326 |
| 72.4904167 | 24.37 | 33.729 | 72.5841667 | 24.44 | 33.6731 | 72.6779167 | 24.38 | 33.6191 |
| 72.4907639 | 24.35 | 33.7275 | 72.5845139 | 24.44 | 33.6505 | 72.6782639 | 24.37 | 33.6116 |
| 72.4911111 | 24.37 | 33.7244 | 72.5848611 | 24.43 | 33.6701 | 72.6786111 | 24.37 | 33.5981 |
| 72.4914583 | 24.35 | 33.7411 | 72.5852083 | 24.44 | 33.6776 | 72.6789583 | 24.38 | 33.6281 |
| 72.4918056 | 24.37 | 33.7154 | 72.5855556 | 24.44 | 33.601 | 72.6793056 | 24.38 | 33.6281 |
| 72.4921528 | 24.35 | 33.7003 | 72.5859028 | 24.43 | 33.643 | 72.6796528 | 24.37 | 33.6476 |
| 72.4925 | 24.35 | 33.7275 | 72.58625 | 24.43 | 33.6566 | 72.68 | 24.37 | 33.6161 |
| 72.4928472 | 24.37 | 33.7154 | 72.5865972 | 24.44 | 33.6505 | 72.6803472 | 24.37 | 33.6476 |
| 72.4931944 | 24.37 | 33.7425 | 72.5869444 | 24.43 | 33.6475 | 72.6806944 | 24.37 | 33.6341 |
| 72.4935417 | 24.37 | 33.729 | 72.5872917 | 24.43 | 33.6475 | 72.6810417 | 24.37 | 33.6612 |
| 72.4938889 | 24.37 | 33.738 | 72.5876389 | 24.43 | 33.634 | 72.6813889 | 24.37 | 33.6612 |
| 72.4942361 | 24.38 | 33.7229 | 72.5879861 | 24.43 | 33.625 | 72.6817361 | 24.37 | 33.6476 |
| 72.4945833 | 24.4 | 33.7063 | 72.5883333 | 24.43 | 33.643 | 72.6820833 | 24.37 | 33.6341 |
| 72.4949306 | 24.38 | 33.7456 | 72.5886806 | 24.43 | 33.616 | 72.6824306 | 24.37 | 33.6251 |
| 72.4952778 | 24.38 | 33.732 | 72.5890278 | 24.43 | 33.643 | 72.6827778 | 24.37 | 33.6251 |
| 72.495625 | 24.4 | 33.7199 | 72.589375 | 24.43 | 33.643 | 72.683125 | 24.37 | 33.6251 |
| 72.4959722 | 24.4 | 33.7063 | 72.5897222 | 24.43 | 33.634 | 72.6834722 | 24.37 | 33.6567 |
| 72.4963194 | 24.38 | 33.6958 | 72.5900694 | 24.43 | 33.607 | 72.6838194 | 24.35 | 33.6462 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.4966667 | 24.4 | 33.7289 | 72.5904167 | 24.43 | 33.6205 | 72.6841667 | 24.35 | 33.6732 |
| 72.4970139 | 24.38 | 33.7184 | 72.5907639 | 24.43 | 33.5845 | 72.6845139 | 24.35 | 33.6462 |
| 72.4973611 | 24.4 | 33.7289 | 72.5911111 | 24.43 | 33.6475 | 72.6848611 | 24.35 | 33.6868 |
| 72.4977083 | 24.4 | 33.6792 | 72.5914583 | 24.43 | 33.6566 | 72.6852083 | 24.35 | 33.6823 |
| 72.4980556 | 24.4 | 33.7153 | 72.5918056 | 24.43 | 33.6205 | 72.6855556 | 24.37 | 33.6973 |
| 72.4984028 | 24.41 | 33.7003 | 72.5921528 | 24.41 | 33.619 | 72.6859028 | 24.35 | 33.6237 |
| 72.49875 | 24.41 | 33.7229 | 72.5925 | 24.41 | 33.619 | 72.68625 | 24.34 | 33.6928 |
| 72.4990972 | 24.43 | 33.7244 | 72.5928472 | 24.43 | 33.643 | 72.6865972 | 24.34 | 33.6793 |
| 72.4994444 | 24.43 | 33.738 | 72.5931944 | 24.43 | 33.616 | 72.6869444 | 24.35 | 33.6687 |
| 72.4997917 | 24.44 | 33.6686 | 72.5935417 | 24.43 | 33.6025 | 72.6872917 | 24.33 | 33.6989 |
| 72.5001389 | 24.43 | 33.6611 | 72.5938889 | 24.43 | 33.6295 | 72.6876389 | 24.31 | 33.7562 |
| 72.5004861 | 24.43 | 33.7108 | 72.5942361 | 24.43 | 33.6295 | 72.6879861 | 24.3 | 33.7261 |
| 72.5008333 | 24.44 | 33.7048 | 72.5945833 | 24.43 | 33.6205 | 72.6883333 | 24.31 | 33.711 |
| 72.5011806 | 24.43 | 33.6972 | 72.5949306 | 24.43 | 33.643 | 72.6886806 | 24.33 | 33.7305 |
| 72.5015278 | 24.43 | 33.7244 | 72.5952778 | 24.43 | 33.6025 | 72.6890278 | 24.33 | 33.7215 |
| 72.501875 | 24.43 | 33.6882 | 72.595625 | 24.43 | 33.643 | 72.689375 | 24.28 | 33.788 |
| 72.5022222 | 24.41 | 33.6957 | 72.5959722 | 24.43 | 33.6295 | 72.6897222 | 24.31 | 33.7064 |
| 72.5025694 | 24.43 | 33.738 | 72.5963194 | 24.43 | 33.6295 | 72.6900694 | 24.25 | 33.8335 |
| 72.5029167 | 24.41 | 33.6957 | 72.5966667 | 24.43 | 33.6205 | 72.6904167 | 24.3 | 33.7125 |
| 72.5032639 | 24.44 | 33.7048 | 72.5970139 | 24.43 | 33.6295 | 72.6907639 | 24.33 | 33.6853 |
| 72.5036111 | 24.46 | 33.652 | 72.5973611 | 24.43 | 33.6205 | 72.6911111 | 24.33 | 33.6989 |
| 72.5039583 | 24.43 | 33.6972 | 72.5977083 | 24.43 | 33.6475 | 72.6914583 | 24.33 | 33.7079 |
| 72.5043056 | 24.43 | 33.7063 | 72.5980556 | 24.43 | 33.616 | 72.6918056 | 24.3 | 33.7759 |
| 72.5046528 | 24.44 | 33.6776 | 72.5984028 | 24.43 | 33.643 | 72.6921528 | 24.3 | 33.7261 |
| 72.505 | 24.44 | 33.6912 | 72.59875 | 24.43 | 33.6025 | 72.6925 | 24.28 | 33.7744 |
| 72.5053472 | 24.43 | 33.6882 | 72.5990972 | 24.43 | 33.643 | 72.6928472 | 24.25 | 33.8335 |
| 72.5056944 | 24.44 | 33.741 | 72.5994444 | 24.43 | 33.643 | 72.6931944 | 24.24 | 33.8396 |
| 72.5060417 | 24.43 | 33.6837 | 72.5997917 | 24.43 | 33.652 | 72.6935417 | 24.24 | 33.8032 |
| 72.5063889 | 24.44 | 33.7546 | 72.6001389 | 24.43 | 33.616 | 72.6938889 | 24.25 | 33.7972 |
| 72.5067361 | 24.44 | 33.7138 | 72.6004861 | 24.43 | 33.652 | 72.6942361 | 24.28 | 33.7653 |
| 72.5070833 | 24.44 | 33.7138 | 72.6008333 | 24.43 | 33.6656 | 72.6945833 | 24.28 | 33.788 |
| 72.5074306 | 24.44 | 33.7138 | 72.6011806 | 24.43 | 33.6025 | 72.6949306 | 24.25 | 33.8062 |
| 72.5077778 | 24.44 | 33.6912 | 72.6015278 | 24.43 | 33.6566 | 72.6952778 | 24.25 | 33.7563 |
| 72.508125 | 24.44 | 33.6505 | 72.601875 | 24.43 | 33.6656 | 72.695625 | 24.28 | 33.788 |
| 72.5084722 | 24.46 | 33.6882 | 72.6022222 | 24.43 | 33.643 | 72.6959722 | 24.28 | 33.7789 |
| 72.5088194 | 24.47 | 33.6686 | 72.6025694 | 24.43 | 33.652 | 72.6963194 | 24.28 | 33.8016 |
| 72.5091667 | 24.47 | 33.6595 | 72.6029167 | 24.43 | 33.652 | 72.6966667 | 24.27 | 33.7669 |
| 72.5095139 | 24.47 | 33.7456 | 72.6032639 | 24.43 | 33.6385 | 72.6970139 | 24.3 | 33.7261 |
| 72.5098611 | 24.47 | 33.6957 | 72.6036111 | 24.43 | 33.6295 | 72.6973611 | 24.3 | 33.7532 |
| 72.5102083 | 24.46 | 33.7153 | 72.6039583 | 24.43 | 33.6295 | 72.6977083 | 24.3 | 33.7487 |
| 72.5105556 | 24.46 | 33.6746 | 72.6043056 | 24.43 | 33.616 | 72.6980556 | 24.31 | 33.7426 |
| 72.5109028 | 24.46 | 33.7017 | 72.6046528 | 24.41 | 33.6416 | 72.6984028 | 24.3 | 33.7261 |
| 72.51125 | 24.46 | 33.6746 | 72.605 | 24.41 | 33.6551 | 72.69875 | 24.27 | 33.8032 |
| 72.5115972 | 24.46 | 33.738 | 72.6053472 | 24.41 | 33.628 | 72.6990972 | 24.24 | 33.826 |
| 72.5119444 | 24.46 | 33.7153 | 72.6056944 | 24.41 | 33.6641 | 72.6994444 | 24.22 | 33.8609 |
| 72.5122917 | 24.46 | 33.6972 | 72.6060417 | 24.41 | 33.6506 | 72.6997917 | 24.24 | 33.8214 |
| 72.5126389 | 24.46 | 33.6882 | 72.6063889 | 24.41 | 33.6551 | 72.7001389 | 24.24 | 33.826 |
| 72.5129861 | 24.46 | 33.6746 | 72.6067361 | 24.41 | 33.6551 | 72.7004861 | 24.22 | 33.8472 |
| 72.5133333 | 24.46 | 33.7108 | 72.6070833 | 24.41 | 33.6145 | 72.7008333 | 24.2 | 33.8457 |
| 72.5136806 | 24.46 | 33.6882 | 72.6074306 | 24.43 | 33.6385 | 72.7011806 | 24.2 | 33.8868 |
| 72.5140278 | 24.46 | 33.7199 | 72.6077778 | 24.41 | 33.6551 | 72.7015278 | 24.18 | 33.9127 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.514375 | 24.46 | 33.6972 | 72.608125 | 24.41 | 33.6551 | 72.701875 | 24.2 | 33.8731 |
| 72.5147222 | 24.44 | 33.6596 | 72.6084722 | 24.41 | 33.6551 | 72.7022222 | 24.18 | 33.9355 |
| 72.5150694 | 24.44 | 33.6957 | 72.6088194 | 24.41 | 33.6416 | 72.7025694 | 24.2 | 33.9004 |
| 72.5154167 | 24.44 | 33.7002 | 72.6091667 | 24.43 | 33.6295 | 72.7029167 | 24.2 | 33.8868 |
| 72.5157639 | 24.44 | 33.7365 | 72.6095139 | 24.41 | 33.6551 | 72.7032639 | 24.2 | 33.9233 |
| 72.5161111 | 24.44 | 33.7093 | 72.6098611 | 24.41 | 33.6551 | 72.7036111 | 24.2 | 33.8868 |
| 72.5164583 | 24.44 | 33.7093 | 72.6102083 | 24.41 | 33.6506 | 72.7039583 | 24.25 | 33.8062 |
| 72.5168056 | 24.43 | 33.7289 | 72.6105556 | 24.41 | 33.6416 | 72.7043056 | 24.21 | 33.867 |
| 72.5171528 | 24.43 | 33.7153 | 72.6109028 | 24.41 | 33.6416 | 72.7046528 | 24.21 | 33.8306 |
| 72.5175 | 24.41 | 33.741 | 72.61125 | 24.41 | 33.6416 | 72.705 | 24.21 | 33.8533 |
| 72.5178472 | 24.41 | 33.6912 | 72.6115972 | 24.41 | 33.6641 | 72.7053472 | 24.21 | 33.8397 |
| 72.5181944 | 24.41 | 33.6912 | 72.6119444 | 24.43 | 33.625 | 72.7056944 | 24.21 | 33.867 |
| 72.5185417 | 24.43 | 33.7063 | 72.6122917 | 24.41 | 33.6235 | 72.7060417 | 24.21 | 33.8943 |
| 72.5188889 | 24.43 | 33.7153 | 72.6126389 | 24.43 | 33.6385 | 72.7063889 | 24.2 | 33.8868 |
| 72.5192361 | 24.43 | 33.7153 | 72.6129861 | 24.43 | 33.625 | 72.7067361 | 24.21 | 33.8943 |
| 72.5195833 | 24.41 | 33.6912 | 72.6133333 | 24.41 | 33.6641 | 72.7070833 | 24.25 | 33.7699 |
| 72.5199306 | 24.41 | 33.741 | 72.6136806 | 24.43 | 33.652 | 72.7074306 | 24.27 | 33.7533 |
| 72.5202778 | 24.41 | 33.6867 | 72.6140278 | 24.43 | 33.6115 | 72.7077778 | 24.25 | 33.8199 |
| 72.520625 | 24.4 | 33.6837 | 72.614375 | 24.43 | 33.625 | 72.708125 | 24.25 | 33.7835 |
| 72.5209722 | 24.4 | 33.6837 | 72.6147222 | 24.43 | 33.6025 | 72.7084722 | 24.27 | 33.7533 |
| 72.5213194 | 24.4 | 33.7108 | 72.6150694 | 24.41 | 33.6731 | 72.7088194 | 24.25 | 33.7926 |
| 72.5216667 | 24.4 | 33.6927 | 72.6154167 | 24.41 | 33.6416 | 72.7091667 | 24.22 | 33.8882 |
| 72.5220139 | 24.41 | 33.6777 | 72.6157639 | 24.41 | 33.6641 | 72.7095139 | 24.21 | 33.8169 |
| 72.5223611 | 24.4 | 33.7244 | 72.6161111 | 24.41 | 33.6235 | 72.7098611 | 24.21 | 33.8852 |
| 72.5227083 | 24.4 | 33.6701 | 72.6164583 | 24.41 | 33.6641 | 72.7102083 | 24.21 | 33.8943 |
| 72.5230556 | 24.4 | 33.7244 | 72.6168056 | 24.41 | 33.6596 | 72.7105556 | 24.2 | 33.8731 |
| 72.5234028 | 24.41 | 33.6912 | 72.6171528 | 24.41 | 33.6551 | 72.7109028 | 24.22 | 33.8108 |
| 72.52375 | 24.4 | 33.6972 | 72.6175 | 24.41 | 33.637 | 72.71125 | 24.21 | 33.8761 |
| 72.5240972 | 24.4 | 33.6972 | 72.6178472 | 24.43 | 33.6115 | 72.7115972 | 24.22 | 33.8746 |
| 72.5244444 | 24.4 | 33.6837 | 72.6181944 | 24.41 | 33.6506 | 72.7119444 | 24.21 | 33.8715 |
| 72.5247917 | 24.38 | 33.7184 | 72.6185417 | 24.41 | 33.6235 | 72.7122917 | 24.22 | 33.8336 |
| 72.5251389 | 24.38 | 33.7184 | 72.6188889 | 24.41 | 33.637 | 72.7126389 | 24.22 | 33.8882 |
| 72.5254861 | 24.4 | 33.6837 | 72.6192361 | 24.41 | 33.6867 | 72.7129861 | 24.22 | 33.8245 |
| 72.5258333 | 24.4 | 33.7199 | 72.6195833 | 24.41 | 33.6235 | 72.7133333 | 24.22 | 33.8746 |
| 72.5261806 | 24.4 | 33.6972 | 72.6199306 | 24.41 | 33.6506 | 72.7136806 | 24.21 | 33.867 |
| 72.5265278 | 24.4 | 33.7063 | 72.6202778 | 24.41 | 33.6506 | 72.7140278 | 24.21 | 33.867 |
| 72.526875 | 24.4 | 33.7335 | 72.620625 | 24.41 | 33.6506 | 72.714375 | 24.18 | 33.9492 |
| 72.5272222 | 24.38 | 33.7456 | 72.6209722 | 24.41 | 33.6235 | 72.7147222 | 24.2 | 33.9004 |
| 72.5275694 | 24.38 | 33.7184 | 72.6213194 | 24.41 | 33.6506 | 72.7150694 | 24.2 | 33.9096 |
| 72.5279167 | 24.41 | 33.7138 | 72.6216667 | 24.41 | 33.637 | 72.7154167 | 24.18 | 33.9218 |
| 72.5282639 | 24.4 | 33.6972 | 72.6220139 | 24.41 | 33.637 | 72.7157639 | 24.18 | 33.9355 |
| 72.5286111 | 24.4 | 33.7425 | 72.6223611 | 24.41 | 33.6235 | 72.7161111 | 24.2 | 33.8594 |
| 72.5289583 | 24.4 | 33.7063 | 72.6227083 | 24.41 | 33.601 | 72.7164583 | 24.24 | 33.8032 |
| 72.5293056 | 24.4 | 33.6792 | 72.6230556 | 24.41 | 33.6235 | 72.7168056 | 24.24 | 33.8123 |
| 72.5296528 | 24.38 | 33.732 | 72.6234028 | 24.41 | 33.637 | 72.7171528 | 24.21 | 33.8397 |
| 72.53 | 24.41 | 33.7003 | 72.62375 | 24.41 | 33.6145 | 72.7175 | 24.18 | 33.8716 |
| 72.5303472 | 24.38 | 33.7048 | 72.6240972 | 24.41 | 33.6235 | 72.7178472 | 24.18 | 33.8853 |
| 72.5306944 | 24.4 | 33.6927 | 72.6244444 | 24.41 | 33.61 | 72.7181944 | 24.18 | 33.9127 |
| 72.5310417 | 24.4 | 33.6927 | 72.6247917 | 24.41 | 33.6596 | 72.7185417 | 24.18 | 33.9218 |
| 72.5313889 | 24.4 | 33.7335 | 72.6251389 | 24.41 | 33.6325 | 72.7188889 | 24.18 | 33.899 |
| 72.5317361 | 24.4 | 33.6792 | 72.6254861 | 24.41 | 33.6235 | 72.7192361 | 24.18 | 33.9218 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.5320833 | 24.4 | 33.7108 | 72.6258333 | 24.41 | 33.6641 | 72.7195833 | 24.18 | 33.9218 |
| 72.5324306 | 24.4 | 33.7289 | 72.6261806 | 24.41 | 33.601 | 72.7199306 | 24.18 | 33.899 |
| 72.5327778 | 24.38 | 33.6912 | 72.6265278 | 24.41 | 33.6731 | 72.7202778 | 24.17 | 33.9416 |
| 72.533125 | 24.4 | 33.7199 | 72.626875 | 24.41 | 33.637 | 72.720625 | 24.18 | 33.9355 |
| 72.5334722 | 24.38 | 33.7546 | 72.6272222 | 24.41 | 33.6235 | 72.7209722 | 24.17 | 33.9142 |
| 72.5338194 | 24.4 | 33.7199 | 72.6275694 | 24.41 | 33.5965 | 72.7213194 | 24.18 | 33.9218 |
| 72.5341667 | 24.38 | 33.7048 | 72.6279167 | 24.4 | 33.6296 | 72.7216667 | 24.17 | 33.9188 |
| 72.5345139 | 24.38 | 33.7546 | 72.6282639 | 24.4 | 33.6701 | 72.7220139 | 24.18 | 33.899 |
| 72.5348611 | 24.38 | 33.6822 | 72.6286111 | 24.4 | 33.6206 | 72.7223611 | 24.18 | 33.8579 |
| 72.5352083 | 24.37 | 33.7335 | 72.6289583 | 24.4 | 33.6386 | 72.7227083 | 24.2 | 33.8959 |
| 72.5355556 | 24.38 | 33.7003 | 72.6293056 | 24.41 | 33.61 | 72.7230556 | 24.18 | 33.9127 |
| 72.5359028 | 24.37 | 33.7607 | 72.6296528 | 24.41 | 33.6461 | 72.7234028 | 24.18 | 33.8716 |
| 72.53625 | 24.38 | 33.7003 | 72.63 | 24.41 | 33.637 | 72.72375 | 24.18 | 33.9218 |
| 72.5365972 | 24.38 | 33.7184 | 72.6303472 | 24.43 | 33.634 | 72.7240972 | 24.18 | 33.9127 |
| 72.5369444 | 24.37 | 33.7108 | 72.6306944 | 24.43 | 33.598 | 72.7244444 | 24.18 | 33.8853 |
| 72.5372917 | 24.37 | 33.7516 | 72.6310417 | 24.43 | 33.6611 | 72.7247917 | 24.18 | 33.899 |
| 72.5376389 | 24.37 | 33.7108 | 72.6313889 | 24.43 | 33.598 | 72.7251389 | 24.18 | 33.899 |
| 72.5379861 | 24.37 | 33.6837 | 72.6317361 | 24.43 | 33.6205 | 72.7254861 | 24.18 | 33.8944 |
| 72.5383333 | 24.37 | 33.7471 | 72.6320833 | 24.43 | 33.6115 | 72.7258333 | 24.18 | 33.8944 |
| 72.5386806 | 24.37 | 33.7199 | 72.6324306 | 24.43 | 33.598 | 72.7261806 | 24.17 | 33.8868 |
| 72.5390278 | 24.38 | 33.7048 | 72.6327778 | 24.43 | 33.634 | 72.7265278 | 24.17 | 33.9371 |
| 72.539375 | 24.37 | 33.7471 | 72.633125 | 24.43 | 33.643 | 72.726875 | 24.17 | 33.9051 |
| 72.5397222 | 24.38 | 33.7139 | 72.6334722 | 24.43 | 33.6205 | 72.7272222 | 24.17 | 33.9279 |
| 72.5400694 | 24.38 | 33.7184 | 72.6338194 | 24.43 | 33.6115 | 72.7275694 | 24.17 | 33.9051 |
| 72.5404167 | 24.37 | 33.7063 | 72.6341667 | 24.43 | 33.598 | 72.7279167 | 24.17 | 33.9188 |
| 72.5407639 | 24.37 | 33.7607 | 72.6345139 | 24.43 | 33.607 | 72.7282639 | 24.18 | 33.9218 |
| 72.5411111 | 24.38 | 33.7003 | 72.6348611 | 24.43 | 33.6475 | 72.7286111 | 24.17 | 33.8914 |
| 72.5414583 | 24.38 | 33.7274 | 72.6352083 | 24.43 | 33.6475 | 72.7289583 | 24.17 | 33.9051 |
| 72.5418056 | 24.38 | 33.741 | 72.6355556 | 24.43 | 33.6205 | 72.7293056 | 24.17 | 33.9142 |
| 72.5421528 | 24.38 | 33.6912 | 72.6359028 | 24.41 | 33.6416 | 72.7296528 | 24.17 | 33.9279 |
| 72.5425 | 24.38 | 33.7274 | 72.63625 | 24.43 | 33.6115 | 72.73 | 24.17 | 33.9416 |
| 72.5428472 | 24.37 | 33.7199 | 72.6365972 | 24.41 | 33.6235 | 72.7303472 | 24.17 | 33.9554 |
| 72.5431944 | 24.37 | 33.7698 | 72.6369444 | 24.41 | 33.61 | 72.7306944 | 24.17 | 33.9371 |
| 72.5435417 | 24.37 | 33.6973 | 72.6372917 | 24.41 | 33.6055 | 72.7310417 | 24.17 | 33.9371 |
| 72.5438889 | 24.37 | 33.7335 | 72.6376389 | 24.41 | 33.6235 | 72.7313889 | 24.17 | 33.9188 |
| 72.5442361 | 24.35 | 33.7094 | 72.6379861 | 24.41 | 33.5965 | 72.7317361 | 24.17 | 33.8914 |
| 72.5445833 | 24.34 | 33.738 | 72.6383333 | 24.41 | 33.6235 | 72.7320833 | 24.17 | 33.9051 |
| 72.5449306 | 24.34 | 33.738 | 72.6386806 | 24.41 | 33.6461 | 72.7324306 | 24.15 | 33.9173 |
| 72.5452778 | 24.34 | 33.7516 | 72.6390278 | 24.4 | 33.6476 | 72.7327778 | 24.17 | 33.9142 |
| 72.545625 | 24.34 | 33.7245 | 72.639375 | 24.4 | 33.6386 | 72.733125 | 24.17 | 33.9279 |
| 72.5459722 | 24.34 | 33.7245 | 72.6397222 | 24.4 | 33.6476 | 72.7334722 | 24.17 | 33.9279 |
| 72.5463194 | 24.33 | 33.7305 | 72.6400694 | 24.4 | 33.6476 | 72.7338194 | 24.17 | 33.9142 |
| 72.5466667 | 24.34 | 33.7019 | 72.6404167 | 24.4 | 33.5981 | 72.7341667 | 24.17 | 33.9142 |
| 72.5470139 | 24.33 | 33.7305 | 72.6407639 | 24.4 | 33.6026 | 72.7345139 | 24.15 | 33.9173 |
| 72.5473611 | 24.34 | 33.7471 | 72.6411111 | 24.4 | 33.6116 | 72.7348611 | 24.17 | 33.9416 |
| 72.5477083 | 24.34 | 33.788 | 72.6414583 | 24.38 | 33.6281 | 72.7352083 | 24.17 | 33.9142 |
| 72.5480556 | 24.34 | 33.738 | 72.6418056 | 24.4 | 33.6521 | 72.7355556 | 24.17 | 33.9416 |
| 72.5484028 | 24.31 | 33.7562 | 72.6421528 | 24.4 | 33.6161 | 72.7359028 | 24.17 | 33.9279 |
| 72.54875 | 24.33 | 33.7305 | 72.6425 | 24.4 | 33.6161 | 72.73625 | 24.17 | 33.9416 |
| 72.5490972 | 24.33 | 33.7215 | 72.6428472 | 24.4 | 33.6161 | 72.7365972 | 24.15 | 33.9173 |
| 72.5494444 | 24.34 | 33.7245 | 72.6431944 | 24.38 | 33.6101 | 72.7369444 | 24.15 | 33.9127 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.5497917 | 24.34 | 33.7154 | 72.6435417 | 24.4 | 33.6386 | 72.7372917 | 24.17 | 33.8868 |
| 72.5501389 | 24.34 | 33.738 | 72.6438889 | 24.4 | 33.6611 | 72.7376389 | 24.17 | 33.9279 |
| 72.5504861 | 24.34 | 33.7245 | 72.6442361 | 24.4 | 33.6251 | 72.7379861 | 24.17 | 33.9142 |
| 72.5508333 | 24.38 | 33.7229 | 72.6445833 | 24.4 | 33.6161 | 72.7383333 | 24.15 | 33.9127 |
| 72.5511806 | 24.38 | 33.741 | 72.6449306 | 24.4 | 33.6251 | 72.7386806 | 24.15 | 33.9401 |
| 72.5515278 | 24.4 | 33.7018 | 72.6452778 | 24.4 | 33.6386 | 72.7390278 | 24.17 | 33.9783 |
| 72.551875 | 24.41 | 33.6686 | 72.645625 | 24.4 | 33.6251 | 72.739375 | 24.18 | 33.9309 |
| 72.5522222 | 24.4 | 33.7108 | 72.6459722 | 24.4 | 33.5891 | 72.7397222 | 24.3 | 33.6358 |
| 72.5525694 | 24.41 | 33.7048 | 72.6463194 | 24.4 | 33.6116 | 72.7400694 | 24.34 | 33.6117 |
| 72.5529167 | 24.41 | 33.7048 | 72.6466667 | 24.4 | 33.6251 | 72.7404167 | 24.34 | 33.6027 |
| 72.5532639 | 24.41 | 33.7048 | 72.6470139 | 24.4 | 33.6116 | 72.7407639 | 24.35 | 33.6327 |
| 72.5536111 | 24.41 | 33.7048 | 72.6473611 | 24.4 | 33.6116 | 72.7411111 | 24.37 | 33.5937 |
| 72.5539583 | 24.41 | 33.7184 | 72.6477083 | 24.4 | 33.6251 | 72.7414583 | 24.37 | 33.5847 |
| 72.5543056 | 24.41 | 33.7003 | 72.6480556 | 24.4 | 33.5981 | 72.7418056 | 24.37 | 33.6296 |
| 72.5546528 | 24.43 | 33.7063 | 72.6484028 | 24.4 | 33.5891 | 72.7421528 | 24.38 | 33.5876 |
| 72.555 | 24.43 | 33.7199 | 72.64875 | 24.4 | 33.6251 | 72.7425 | 24.38 | 33.5876 |
| 72.5553472 | 24.43 | 33.7063 | 72.6490972 | 24.4 | 33.6116 | 72.7428472 | 24.38 | 33.5473 |
| 72.5556944 | 24.43 | 33.7153 | 72.6494444 | 24.4 | 33.6251 | 72.7431944 | 24.38 | 33.5966 |
| 72.5560417 | 24.43 | 33.6882 | 72.6497917 | 24.4 | 33.6611 | 72.7435417 | 24.4 | 33.5666 |
| 72.5563889 | 24.43 | 33.6791 | 72.6501389 | 24.4 | 33.6251 | 72.7438889 | 24.38 | 33.6011 |
| 72.5567361 | 24.44 | 33.6957 | 72.6504861 | 24.4 | 33.6026 | 72.7442361 | 24.38 | 33.5787 |
| 72.5570833 | 24.46 | 33.6836 | 72.6508333 | 24.4 | 33.6386 | 72.7445833 | 24.37 | 33.6116 |
| 72.5574306 | 24.46 | 33.6836 | 72.6511806 | 24.4 | 33.5981 | 72.7449306 | 24.37 | 33.5937 |
| 72.5577778 | 24.44 | 33.6731 | 72.6515278 | 24.4 | 33.5981 | 72.7452778 | 24.38 | 33.5473 |
| 72.558125 | 24.44 | 33.7093 | 72.651875 | 24.4 | 33.6206 | 72.745625 | 24.37 | 33.5667 |
| 72.5584722 | 24.46 | 33.6836 | 72.6522222 | 24.4 | 33.6251 | 72.7459722 | 24.38 | 33.5473 |
| 72.5588194 | 24.46 | 33.6746 | 72.6525694 | 24.4 | 33.5891 | 72.7463194 | 24.37 | 33.5937 |
| 72.5591667 | 24.46 | 33.6701 | 72.6529167 | 24.4 | 33.6116 | 72.7466667 | 24.38 | 33.5607 |
| 72.5595139 | 24.46 | 33.6701 | 72.6532639 | 24.4 | 33.6071 | 72.7470139 | 24.38 | 33.5876 |
| 72.5598611 | 24.46 | 33.6836 | 72.6536111 | 24.4 | 33.6341 | 72.7473611 | 24.38 | 33.5876 |
| 72.5602083 | 24.44 | 33.6912 | 72.6539583 | 24.38 | 33.6011 | 72.7477083 | 24.38 | 33.5742 |
| 72.5605556 | 24.44 | 33.6596 | 72.6543056 | 24.4 | 33.5891 | 72.7480556 | 24.37 | 33.5667 |
| 72.5609028 | 24.43 | 33.6882 | 72.6546528 | 24.4 | 33.5891 | 72.7484028 | 24.38 | 33.5742 |
| 72.56125 | 24.43 | 33.7018 | 72.655 | 24.4 | 33.6251 | 72.74875 | 24.37 | 33.5802 |
| 72.5615972 | 24.44 | 33.6596 | 72.6553472 | 24.38 | 33.6236 | 72.7490972 | 24.37 | 33.5802 |
| 72.5619444 | 24.44 | 33.6415 | 72.6556944 | 24.4 | 33.6341 | 72.7494444 | 24.37 | 33.5937 |
| 72.5622917 | 24.43 | 33.6385 | 72.6560417 | 24.4 | 33.5981 | 72.7497917 | 24.37 | 33.5802 |
| 72.5626389 | 24.44 | 33.646 | 72.6563889 | 24.38 | 33.5742 | 72.7501389 | 24.37 | 33.5533 |
| 72.5629861 | 24.44 | 33.6821 | 72.6567361 | 24.38 | 33.5742 | 72.7504861 | 24.38 | 33.5383 |
| 72.5633333 | 24.43 | 33.6882 | 72.6570833 | 24.38 | 33.6236 | 72.7508333 | 24.38 | 33.5876 |
| 72.5636806 | 24.43 | 33.6746 | 72.6574306 | 24.38 | 33.6596 | 72.7511806 | 24.37 | 33.5802 |
| 72.5640278 | 24.41 | 33.7003 | 72.6577778 | 24.38 | 33.5876 | 72.7515278 | 24.38 | 33.5607 |
| 72.564375 | 24.4 | 33.6566 | 72.658125 | 24.38 | 33.6011 | 72.751875 | 24.38 | 33.5562 |
| 72.5647222 | 24.4 | 33.7199 | 72.6584722 | 24.38 | 33.6011 | 72.7522222 | 24.37 | 33.5667 |
| 72.5650694 | 24.38 | 33.6958 | 72.6588194 | 24.38 | 33.6371 | 72.7525694 | 24.37 | 33.5443 |
| 72.5654167 | 24.4 | 33.6972 | 72.6591667 | 24.38 | 33.6011 | 72.7529167 | 24.37 | 33.5667 |
| 72.5657639 | 24.4 | 33.7063 | 72.6595139 | 24.38 | 33.6101 | 72.7532639 | 24.37 | 33.5937 |
| 72.5661111 | 24.41 | 33.6777 | 72.6598611 | 24.38 | 33.6371 | 72.7536111 | 24.37 | 33.5757 |
| 72.5664583 | 24.41 | 33.6867 | 72.6602083 | 24.38 | 33.6236 | 72.7539583 | 24.37 | 33.5399 |
| 72.5668056 | 24.41 | 33.6912 | 72.6605556 | 24.38 | 33.6236 | 72.7543056 | 24.37 | 33.5264 |
| 72.5671528 | 24.41 | 33.6777 | 72.6609028 | 24.38 | 33.6371 | 72.7546528 | 24.37 | 33.5399 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.5675 | 24.41 | 33.7003 | 72.66125 | 24.38 | 33.6461 | 72.755 | 24.37 | 33.5533 |
| 72.5678472 | 24.41 | 33.6641 | 72.6615972 | 24.38 | 33.5966 | 72.7553472 | 24.35 | 33.6057 |
| 72.5681944 | 24.41 | 33.6912 | 72.6619444 | 24.38 | 33.6236 | 72.7556944 | 24.35 | 33.5653 |
| 72.5685417 | 24.41 | 33.6867 | 72.6622917 | 24.38 | 33.6101 | 72.7560417 | 24.35 | 33.5788 |
| 72.5688889 | 24.41 | 33.6596 | 72.6626389 | 24.38 | 33.6326 | 72.7563889 | 24.35 | 33.5653 |
| 72.5692361 | 24.43 | 33.6656 | 72.6629861 | 24.38 | 33.5966 | 72.7567361 | 24.35 | 33.5653 |
| 72.5695833 | 24.43 | 33.6611 | 72.6633333 | 24.38 | 33.6506 | 72.7570833 | 24.37 | 33.5757 |
| 72.5699306 | 24.43 | 33.6791 | 72.6636806 | 24.38 | 33.6461 | 72.7574306 | 24.37 | 33.5399 |
| 72.5702778 | 24.44 | 33.6686 | 72.6640278 | 24.38 | 33.6236 | 72.7577778 | 24.35 | 33.5653 |
| 72.570625 | 24.44 | 33.6415 | 72.664375 | 24.38 | 33.6326 | 72.758125 | 24.34 | 33.5713 |
| 72.5709722 | 24.44 | 33.6912 | 72.6647222 | 24.38 | 33.5966 | 72.7584722 | 24.35 | 33.5385 |
| 72.5713194 | 24.44 | 33.655 | 72.6650694 | 24.38 | 33.6236 | 72.7588194 | 24.34 | 33.5579 |
| 72.5716667 | 24.44 | 33.655 | 72.6654167 | 24.38 | 33.6371 | 72.7591667 | 24.34 | 33.5848 |
| 72.5720139 | 24.44 | 33.6821 | 72.6657639 | 24.38 | 33.5832 | 72.7595139 | 24.34 | 33.5848 |
| 72.5723611 | 24.46 | 33.6836 | 72.6661111 | 24.38 | 33.6461 | 72.7598611 | 24.34 | 33.5848 |
| 72.5727083 | 24.46 | 33.6565 | 72.6664583 | 24.38 | 33.6191 | 72.7602083 | 24.34 | 33.5489 |

DPS4-2

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.9400926 | 23.53 | 34.942 | 73.040787 | 24.2 | 33.6616 | 73.1414815 | 24.2 | 33.6304 |
| 72.9404398 | 24.04 | 33.9706 | 73.0411343 | 24.2 | 33.6393 | 73.1418287 | 24.18 | 33.6558 |
| 72.940787 | 24.04 | 33.9025 | 73.0414815 | 24.18 | 33.6871 | 73.1421759 | 24.18 | 33.6871 |
| 72.9411343 | 24.05 | 33.8738 | 73.0418287 | 24.18 | 33.6871 | 73.1425232 | 24.18 | 33.6379 |
| 72.9414815 | 24.02 | 33.8019 | 73.0421759 | 24.2 | 33.675 | 73.1428704 | 24.18 | 33.6379 |
| 72.9418287 | 24.04 | 33.7987 | 73.0425232 | 24.21 | 33.6914 | 73.1432176 | 24.2 | 33.6527 |
| 72.9421759 | 24.09 | 33.7729 | 73.0428704 | 24.21 | 33.6914 | 73.1435648 | 24.18 | 33.6558 |
| 72.9425232 | 24.09 | 33.7819 | 73.0432176 | 24.22 | 33.6898 | 73.143912 | 24.18 | 33.6513 |
| 72.9428704 | 24.11 | 33.7428 | 73.0435648 | 24.22 | 33.7033 | 73.1442593 | 24.18 | 33.6157 |
| 72.9432176 | 24.11 | 33.7518 | 73.043912 | 24.22 | 33.6898 | 73.1446065 | 24.18 | 33.6647 |
| 72.9435648 | 24.12 | 33.7054 | 73.0442593 | 24.22 | 33.6898 | 73.1449537 | 24.18 | 33.6424 |
| 72.943912 | 24.12 | 33.7278 | 73.0446065 | 24.22 | 33.663 | 73.1453009 | 24.2 | 33.6393 |
| 72.9442593 | 24.12 | 33.6965 | 73.0449537 | 24.22 | 33.663 | 73.1456482 | 24.18 | 33.6513 |
| 72.9446065 | 24.14 | 33.6844 | 73.0453009 | 24.22 | 33.663 | 73.1459954 | 24.18 | 33.6379 |
| 72.9449537 | 24.15 | 33.7142 | 73.0456482 | 24.22 | 33.6988 | 73.1463426 | 24.18 | 33.6513 |
| 72.9453009 | 24.15 | 33.7007 | 73.0459954 | 24.24 | 33.6778 | 73.1466898 | 24.18 | 33.6647 |
| 72.9456482 | 24.15 | 33.6873 | 73.0463426 | 24.24 | 33.7002 | 73.147037 | 24.18 | 33.6782 |
| 72.9459954 | 24.15 | 33.7097 | 73.0466898 | 24.24 | 33.6912 | 73.1473843 | 24.18 | 33.6647 |
| 72.9463426 | 24.17 | 33.6842 | 73.047037 | 24.24 | 33.6733 | 73.1477315 | 24.18 | 33.6513 |
| 72.9466898 | 24.17 | 33.7111 | 73.0473843 | 24.24 | 33.7002 | 73.1480787 | 24.18 | 33.6513 |
| 72.947037 | 24.15 | 33.7052 | 73.0477315 | 24.24 | 33.6733 | 73.1484259 | 24.18 | 33.6424 |
| 72.9473843 | 24.15 | 33.6828 | 73.0480787 | 24.24 | 33.6733 | 73.1487732 | 24.18 | 33.6647 |
| 72.9477315 | 24.15 | 33.7276 | 73.0484259 | 24.24 | 33.6733 | 73.1491204 | 24.18 | 33.6558 |
| 72.9480787 | 24.15 | 33.6694 | 73.0487732 | 24.24 | 33.6733 | 73.1494676 | 24.18 | 33.6558 |
| 72.9484259 | 24.15 | 33.6694 | 73.0491204 | 24.24 | 33.7361 | 73.1498148 | 24.18 | 33.6424 |
| 72.9487732 | 24.15 | 33.7052 | 73.0494676 | 24.24 | 33.6867 | 73.150162 | 24.17 | 33.6708 |
| 72.9491204 | 24.17 | 33.7066 | 73.0498148 | 24.24 | 33.7092 | 73.1505093 | 24.17 | 33.6574 |
| 72.9494676 | 24.17 | 33.6931 | 73.050162 | 24.24 | 33.7226 | 73.1508565 | 24.17 | 33.635 |
| 72.9498148 | 24.15 | 33.7142 | 73.0505093 | 24.24 | 33.6644 | 73.1512037 | 24.17 | 33.6618 |
| 72.950162 | 24.17 | 33.6752 | 73.0508565 | 24.24 | 33.7316 | 73.1515509 | 24.18 | 33.6558 |
| 72.9505093 | 24.17 | 33.6931 | 73.0512037 | 24.25 | 33.739 | 73.1518982 | 24.17 | 33.6708 |
| 72.9508565 | 24.17 | 33.6887 | 73.0515509 | 24.24 | 33.7226 | 73.1522454 | 24.18 | 33.6513 |
| 72.9512037 | 24.17 | 33.7021 | 73.0518982 | 24.24 | 33.7092 | 73.1525926 | 24.17 | 33.6842 |
| 72.9515509 | 24.17 | 33.7021 | 73.0522454 | 24.24 | 33.6733 | 73.1529398 | 24.18 | 33.6379 |
| 72.9518982 | 24.15 | 33.6873 | 73.0525926 | 24.25 | 33.6539 | 73.153287 | 24.17 | 33.6752 |
| 72.9522454 | 24.17 | 33.6261 | 73.0529398 | 24.21 | 33.669 | 73.1536343 | 24.18 | 33.6647 |
| 72.9525926 | 24.17 | 33.7111 | 73.053287 | 24.2 | 33.7019 | 73.1539815 | 24.18 | 33.6647 |
| 72.9529398 | 24.17 | 33.6887 | 73.0536343 | 24.21 | 33.7048 | 73.1543287 | 24.18 | 33.6647 |
| 72.953287 | 24.17 | 33.6618 | 73.0539815 | 24.21 | 33.7048 | 73.1546759 | 24.18 | 33.6513 |
| 72.9536343 | 24.18 | 33.6782 | 73.0543287 | 24.18 | 33.6871 | 73.1550232 | 24.18 | 33.714 |
| 72.9539815 | 24.15 | 33.6739 | 73.0546759 | 24.18 | 33.6782 | 73.1553704 | 24.18 | 33.6871 |
| 72.9543287 | 24.12 | 33.7054 | 73.0550232 | 24.17 | 33.6574 | 73.1557176 | 24.18 | 33.7005 |
| 72.9546759 | 24.14 | 33.6665 | 73.0553704 | 24.17 | 33.6663 | 73.1560648 | 24.2 | 33.6616 |
| 72.9550232 | 24.14 | 33.6308 | 73.0557176 | 24.15 | 33.656 | 73.156412 | 24.18 | 33.6782 |
| 72.9553704 | 24.14 | 33.6665 | 73.0560648 | 24.14 | 33.6621 | 73.1567593 | 24.18 | 33.714 |
| 72.9557176 | 24.15 | 33.6828 | 73.056412 | 24.12 | 33.6607 | 73.1571065 | 24.18 | 33.6782 |
| 72.9560648 | 24.15 | 33.6605 | 73.0567593 | 24.12 | 33.6518 | 73.1574537 | 24.2 | 33.6259 |
| 72.956412 | 24.14 | 33.6665 | 73.0571065 | 24.12 | 33.6384 | 73.1578009 | 24.18 | 33.6647 |
| 72.9567593 | 24.14 | 33.6755 | 73.0574537 | 24.12 | 33.6518 | 73.1581482 | 24.18 | 33.6871 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.9571065 | 24.14 | 33.6799 | 73.0578009 | 24.11 | 33.6578 | 73.1584954 | 24.18 | 33.6782 |
| 72.9574537 | 24.14 | 33.6755 | 73.0581482 | 24.11 | 33.6936 | 73.1588426 | 24.18 | 33.7095 |
| 72.9578009 | 24.14 | 33.6531 | 73.0584954 | 24.11 | 33.6712 | 73.1591898 | 24.18 | 33.6737 |
| 72.9581482 | 24.11 | 33.6623 | 73.0588426 | 24.11 | 33.6712 | 73.159537 | 24.18 | 33.7005 |
| 72.9584954 | 24.12 | 33.6429 | 73.0591898 | 24.11 | 33.6578 | 73.1598843 | 24.18 | 33.6782 |
| 72.9588426 | 24.09 | 33.6833 | 73.059537 | 24.11 | 33.6936 | 73.1602315 | 24.18 | 33.6871 |
| 72.9591898 | 24.09 | 33.6565 | 73.0598843 | 24.11 | 33.6846 | 73.1605787 | 24.18 | 33.7005 |
| 72.959537 | 24.09 | 33.661 | 73.0602315 | 24.11 | 33.6712 | 73.1609259 | 24.18 | 33.7229 |
| 72.9598843 | 24.11 | 33.6623 | 73.0605787 | 24.11 | 33.6802 | 73.1612732 | 24.18 | 33.6647 |
| 72.9602315 | 24.11 | 33.6623 | 73.0609259 | 24.11 | 33.6712 | 73.1616204 | 24.18 | 33.6871 |
| 72.9605787 | 24.12 | 33.6786 | 73.0612732 | 24.11 | 33.6802 | 73.1619676 | 24.18 | 33.7005 |
| 72.9609259 | 24.12 | 33.6652 | 73.0616204 | 24.11 | 33.6444 | 73.1623148 | 24.18 | 33.7229 |
| 72.9612732 | 24.14 | 33.6621 | 73.0619676 | 24.11 | 33.6578 | 73.162662 | 24.18 | 33.6737 |
| 72.9616204 | 24.14 | 33.6799 | 73.0623148 | 24.09 | 33.6699 | 73.1630093 | 24.18 | 33.6782 |
| 72.9619676 | 24.14 | 33.6264 | 73.062662 | 24.09 | 33.6833 | 73.1633565 | 24.18 | 33.6961 |
| 72.9623148 | 24.12 | 33.6518 | 73.0630093 | 24.09 | 33.6922 | 73.1637037 | 24.18 | 33.6871 |
| 72.962662 | 24.14 | 33.6531 | 73.0633565 | 24.09 | 33.6565 | 73.1640509 | 24.2 | 33.6974 |
| 72.9630093 | 24.14 | 33.6531 | 73.0637037 | 24.09 | 33.6654 | 73.1643982 | 24.18 | 33.7005 |
| 72.9633565 | 24.15 | 33.656 | 73.0640509 | 24.09 | 33.6476 | 73.1647454 | 24.18 | 33.6513 |
| 72.9637037 | 24.17 | 33.6708 | 73.0643982 | 24.09 | 33.6565 | 73.1650926 | 24.18 | 33.6871 |
| 72.9640509 | 24.15 | 33.6828 | 73.0647454 | 24.09 | 33.6476 | 73.1654398 | 24.18 | 33.6871 |
| 72.9643982 | 24.17 | 33.6708 | 73.0650926 | 24.09 | 33.6922 | 73.165787 | 24.2 | 33.7109 |
| 72.9647454 | 24.15 | 33.6337 | 73.0654398 | 24.09 | 33.6565 | 73.1661343 | 24.2 | 33.6885 |
| 72.9650926 | 24.17 | 33.6574 | 73.065787 | 24.09 | 33.6565 | 73.1664815 | 24.2 | 33.7019 |
| 72.9654398 | 24.17 | 33.644 | 73.0661343 | 24.09 | 33.6342 | 73.1668287 | 24.2 | 33.7109 |
| 72.965787 | 24.17 | 33.6708 | 73.0664815 | 24.09 | 33.6967 | 73.1671759 | 24.2 | 33.675 |
| 72.9661343 | 24.17 | 33.644 | 73.0668287 | 24.09 | 33.6565 | 73.1675232 | 24.2 | 33.684 |
| 72.9664815 | 24.17 | 33.635 | 73.0671759 | 24.09 | 33.6654 | 73.1678704 | 24.2 | 33.6885 |
| 72.9668287 | 24.18 | 33.7005 | 73.0675232 | 24.09 | 33.6476 | 73.1682176 | 24.2 | 33.6974 |
| 72.9671759 | 24.2 | 33.6706 | 73.0678704 | 24.09 | 33.6699 | 73.1685648 | 24.2 | 33.6885 |
| 72.9675232 | 24.2 | 33.675 | 73.0682176 | 24.09 | 33.6209 | 73.168912 | 24.2 | 33.7109 |
| 72.9678704 | 24.2 | 33.6482 | 73.0685648 | 24.09 | 33.6476 | 73.1692593 | 24.2 | 33.684 |
| 72.9682176 | 24.2 | 33.675 | 73.068912 | 24.09 | 33.6699 | 73.1696065 | 24.2 | 33.6527 |
| 72.9685648 | 24.2 | 33.675 | 73.0692593 | 24.09 | 33.6699 | 73.1699537 | 24.2 | 33.7019 |
| 72.968912 | 24.2 | 33.675 | 73.0696065 | 24.09 | 33.6833 | 73.1703009 | 24.2 | 33.7109 |
| 72.9692593 | 24.18 | 33.6871 | 73.0699537 | 24.09 | 33.6699 | 73.1706482 | 24.2 | 33.7243 |
| 72.9696065 | 24.18 | 33.6737 | 73.0703009 | 24.09 | 33.6833 | 73.1709954 | 24.2 | 33.7109 |
| 72.9699537 | 24.18 | 33.6603 | 73.0706482 | 24.09 | 33.6565 | 73.1713426 | 24.21 | 33.678 |
| 72.9703009 | 24.18 | 33.6513 | 73.0709954 | 24.09 | 33.6654 | 73.1716898 | 24.2 | 33.6974 |
| 72.9706482 | 24.18 | 33.6379 | 73.0713426 | 24.09 | 33.6431 | 73.172037 | 24.2 | 33.6974 |
| 72.9709954 | 24.2 | 33.6885 | 73.0716898 | 24.09 | 33.6565 | 73.1723843 | 24.2 | 33.7198 |
| 72.9713426 | 24.18 | 33.6469 | 73.072037 | 24.09 | 33.6833 | 73.1727315 | 24.21 | 33.7318 |
| 72.9716898 | 24.18 | 33.6871 | 73.0723843 | 24.09 | 33.6565 | 73.1730787 | 24.21 | 33.7452 |
| 72.972037 | 24.18 | 33.6513 | 73.0727315 | 24.09 | 33.6342 | 73.1734259 | 24.21 | 33.7138 |
| 72.9723843 | 24.18 | 33.7229 | 73.0730787 | 24.09 | 33.6833 | 73.1737732 | 24.21 | 33.7273 |
| 72.9727315 | 24.18 | 33.6961 | 73.0734259 | 24.09 | 33.6565 | 73.1741204 | 24.21 | 33.7138 |
| 72.9730787 | 24.18 | 33.6737 | 73.0737732 | 24.09 | 33.6699 | 73.1744676 | 24.21 | 33.7273 |
| 72.9734259 | 24.18 | 33.6871 | 73.0741204 | 24.09 | 33.6431 | 73.1748148 | 24.21 | 33.7138 |
| 72.9737732 | 24.18 | 33.6603 | 73.0744676 | 24.09 | 33.6565 | 73.175162 | 24.2 | 33.6974 |
| 72.9741204 | 24.18 | 33.7095 | 73.0748148 | 24.09 | 33.6833 | 73.1755093 | 24.2 | 33.6929 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.9744676 | 24.18 | 33.6737 | 73.075162 | 24.12 | 33.6875 | 73.1758565 | 24.2 | 33.684 |
| 72.9748148 | 24.18 | 33.6737 | 73.0755093 | 24.11 | 33.6444 | 73.1762037 | 24.2 | 33.6974 |
| 72.975162 | 24.18 | 33.6469 | 73.0758565 | 24.12 | 33.6607 | 73.1765509 | 24.2 | 33.7378 |
| 72.9755093 | 24.18 | 33.6961 | 73.0762037 | 24.12 | 33.6831 | 73.1768982 | 24.21 | 33.6914 |
| 72.9758565 | 24.18 | 33.6603 | 73.0765509 | 24.12 | 33.6384 | 73.1772454 | 24.2 | 33.7109 |
| 72.9762037 | 24.18 | 33.6737 | 73.0768982 | 24.12 | 33.6473 | 73.1775926 | 24.21 | 33.7048 |
| 72.9765509 | 24.18 | 33.6871 | 73.0772454 | 24.11 | 33.6534 | 73.1779398 | 24.2 | 33.7109 |
| 72.9768982 | 24.18 | 33.6737 | 73.0775926 | 24.12 | 33.6741 | 73.178287 | 24.21 | 33.678 |
| 72.9772454 | 24.18 | 33.6603 | 73.0779398 | 24.12 | 33.6384 | 73.1786343 | 24.2 | 33.7198 |
| 72.9775926 | 24.18 | 33.6513 | 73.078287 | 24.12 | 33.6741 | 73.1789815 | 24.2 | 33.6974 |
| 72.9779398 | 24.18 | 33.6379 | 73.0786343 | 24.12 | 33.6652 | 73.1793287 | 24.2 | 33.7468 |
| 72.978287 | 24.18 | 33.6782 | 73.0789815 | 24.11 | 33.6578 | 73.1796759 | 24.21 | 33.6914 |
| 72.9786343 | 24.18 | 33.7095 | 73.0793287 | 24.12 | 33.6607 | 73.1800232 | 24.21 | 33.7273 |
| 72.9789815 | 24.18 | 33.6961 | 73.0796759 | 24.12 | 33.6473 | 73.1803704 | 24.21 | 33.7273 |
| 72.9793287 | 24.18 | 33.6871 | 73.0800232 | 24.12 | 33.6518 | 73.1807176 | 24.21 | 33.7273 |
| 72.9796759 | 24.18 | 33.6379 | 73.0803704 | 24.12 | 33.6473 | 73.1810648 | 24.21 | 33.6914 |
| 72.9800232 | 24.18 | 33.6513 | 73.0807176 | 24.14 | 33.7112 | 73.181412 | 24.21 | 33.7138 |
| 72.9803704 | 24.18 | 33.6469 | 73.0810648 | 24.12 | 33.6741 | 73.1817593 | 24.21 | 33.7273 |
| 72.9807176 | 24.18 | 33.6737 | 73.081412 | 24.14 | 33.6621 | 73.1821065 | 24.21 | 33.7273 |
| 72.9810648 | 24.18 | 33.6603 | 73.0817593 | 24.14 | 33.6487 | 73.1824537 | 24.22 | 33.7212 |
| 72.981412 | 24.2 | 33.6572 | 73.0821065 | 24.14 | 33.6397 | 73.1828009 | 24.21 | 33.678 |
| 72.9817593 | 24.18 | 33.6469 | 73.0824537 | 24.14 | 33.671 | 73.1831482 | 24.21 | 33.7407 |
| 72.9821065 | 24.18 | 33.6469 | 73.0828009 | 24.14 | 33.6487 | 73.1834954 | 24.21 | 33.7048 |
| 72.9824537 | 24.18 | 33.6692 | 73.0831482 | 24.14 | 33.6487 | 73.1838426 | 24.21 | 33.7362 |
| 72.9828009 | 24.18 | 33.6692 | 73.0834954 | 24.14 | 33.6576 | 73.1841898 | 24.21 | 33.7542 |
| 72.9831482 | 24.18 | 33.6692 | 73.0838426 | 24.14 | 33.671 | 73.184537 | 24.2 | 33.7064 |
| 72.9834954 | 24.18 | 33.6961 | 73.0841898 | 24.14 | 33.671 | 73.1848843 | 24.21 | 33.7138 |
| 72.9838426 | 24.18 | 33.6961 | 73.084537 | 24.14 | 33.6353 | 73.1852315 | 24.2 | 33.7423 |
| 72.9841898 | 24.18 | 33.6603 | 73.0848843 | 24.14 | 33.6621 | 73.1855787 | 24.2 | 33.7198 |
| 72.984537 | 24.18 | 33.6737 | 73.0852315 | 24.14 | 33.671 | 73.1859259 | 24.21 | 33.7497 |
| 72.9848843 | 24.2 | 33.6482 | 73.0855787 | 24.14 | 33.6353 | 73.1862732 | 24.2 | 33.7333 |
| 72.9852315 | 24.2 | 33.675 | 73.0859259 | 24.14 | 33.6621 | 73.1866204 | 24.21 | 33.7138 |
| 72.9855787 | 24.2 | 33.6482 | 73.0862732 | 24.14 | 33.6487 | 73.1869676 | 24.21 | 33.7273 |
| 72.9859259 | 24.2 | 33.684 | 73.0866204 | 24.15 | 33.656 | 73.1873148 | 24.21 | 33.7273 |
| 72.9862732 | 24.2 | 33.684 | 73.0869676 | 24.14 | 33.6621 | 73.187662 | 24.21 | 33.7497 |
| 72.9866204 | 24.2 | 33.6572 | 73.0873148 | 24.15 | 33.6293 | 73.1880093 | 24.21 | 33.7138 |
| 72.9869676 | 24.2 | 33.684 | 73.087662 | 24.14 | 33.671 | 73.1883565 | 24.21 | 33.7273 |
| 72.9873148 | 24.2 | 33.6795 | 73.0880093 | 24.14 | 33.6353 | 73.1887037 | 24.21 | 33.7048 |
| 72.987662 | 24.2 | 33.684 | 73.0883565 | 24.14 | 33.6621 | 73.1890509 | 24.21 | 33.7273 |
| 72.9880093 | 24.2 | 33.684 | 73.0887037 | 24.15 | 33.656 | 73.1893982 | 24.21 | 33.7273 |
| 72.9883565 | 24.2 | 33.684 | 73.0890509 | 24.14 | 33.6621 | 73.1897454 | 24.21 | 33.7273 |
| 72.9887037 | 24.2 | 33.6348 | 73.0893982 | 24.14 | 33.6353 | 73.1900926 | 24.21 | 33.7138 |
| 72.9890509 | 24.2 | 33.6616 | 73.0897454 | 24.15 | 33.656 | 73.1904398 | 24.21 | 33.7632 |
| 72.9893982 | 24.2 | 33.6572 | 73.0900926 | 24.14 | 33.6799 | 73.190787 | 24.21 | 33.7138 |
| 72.9897454 | 24.2 | 33.6482 | 73.0904398 | 24.14 | 33.6844 | 73.1911343 | 24.21 | 33.7273 |
| 72.9900926 | 24.2 | 33.6572 | 73.090787 | 24.14 | 33.6219 | 73.1914815 | 24.21 | 33.7273 |
| 72.9904398 | 24.2 | 33.6706 | 73.0911343 | 24.14 | 33.6264 | 73.1918287 | 24.21 | 33.7138 |
| 72.990787 | 24.2 | 33.7064 | 73.0914815 | 24.15 | 33.656 | 73.1921759 | 24.21 | 33.7138 |
| 72.9911343 | 24.2 | 33.6706 | 73.0918287 | 24.15 | 33.6025 | 73.1925232 | 24.21 | 33.7362 |
| 72.9914815 | 24.2 | 33.684 | 73.0921759 | 24.14 | 33.5997 | 73.1928704 | 24.21 | 33.7138 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.9918287 | 24.2 | 33.684 | 73.0925232 | 24.14 | 33.6487 | 73.1932176 | 24.21 | 33.7407 |
| 72.9921759 | 24.2 | 33.6572 | 73.0928704 | 24.14 | 33.671 | 73.1935648 | 24.21 | 33.7632 |
| 72.9925232 | 24.2 | 33.6616 | 73.0932176 | 24.15 | 33.6516 | 73.193912 | 24.21 | 33.6869 |
| 72.9928704 | 24.2 | 33.6706 | 73.0935648 | 24.15 | 33.6516 | 73.1942593 | 24.21 | 33.7273 |
| 72.9932176 | 24.2 | 33.684 | 73.093912 | 24.15 | 33.6159 | 73.1946065 | 24.21 | 33.7497 |
| 72.9935648 | 24.2 | 33.6572 | 73.0942593 | 24.15 | 33.6426 | 73.1949537 | 24.21 | 33.7362 |
| 72.993912 | 24.2 | 33.6572 | 73.0946065 | 24.15 | 33.665 | 73.1953009 | 24.21 | 33.7362 |
| 72.9942593 | 24.2 | 33.6348 | 73.0949537 | 24.15 | 33.6516 | 73.1956482 | 24.21 | 33.7632 |
| 72.9946065 | 24.2 | 33.6795 | 73.0953009 | 24.15 | 33.6426 | 73.1959954 | 24.21 | 33.7273 |
| 72.9949537 | 24.2 | 33.6438 | 73.0956482 | 24.15 | 33.665 | 73.1963426 | 24.21 | 33.7497 |
| 72.9953009 | 24.2 | 33.6482 | 73.0959954 | 24.15 | 33.6739 | 73.1966898 | 24.21 | 33.7857 |
| 72.9956482 | 24.2 | 33.6572 | 73.0963426 | 24.15 | 33.665 | 73.197037 | 24.21 | 33.7767 |
| 72.9959954 | 24.2 | 33.684 | 73.0966898 | 24.15 | 33.6382 | 73.1973843 | 24.21 | 33.7497 |
| 72.9963426 | 24.2 | 33.6527 | 73.097037 | 24.15 | 33.6159 | 73.1977315 | 24.21 | 33.7587 |
| 72.9966898 | 24.2 | 33.6929 | 73.0973843 | 24.15 | 33.6382 | 73.1980787 | 24.21 | 33.7632 |
| 72.997037 | 24.2 | 33.6706 | 73.0977315 | 24.15 | 33.6382 | 73.1984259 | 24.21 | 33.7362 |
| 72.9973843 | 24.2 | 33.6661 | 73.0980787 | 24.15 | 33.6739 | 73.1987732 | 24.21 | 33.7632 |
| 72.9977315 | 24.2 | 33.6482 | 73.0984259 | 24.15 | 33.6293 | 73.1991204 | 24.21 | 33.7632 |
| 72.9980787 | 24.2 | 33.6438 | 73.0987732 | 24.15 | 33.6159 | 73.1994676 | 24.21 | 33.7632 |
| 72.9984259 | 24.2 | 33.6572 | 73.0991204 | 24.15 | 33.6739 | 73.1998148 | 24.21 | 33.7902 |
| 72.9987732 | 24.21 | 33.6869 | 73.0994676 | 24.15 | 33.6382 | 73.200162 | 24.2 | 33.7693 |
| 72.9991204 | 24.2 | 33.6706 | 73.0998148 | 24.14 | 33.6621 | 73.2005093 | 24.2 | 33.7648 |
| 72.9994676 | 24.2 | 33.7064 | 73.100162 | 24.14 | 33.6442 | 73.2008565 | 24.2 | 33.7783 |
| 72.9998148 | 24.2 | 33.6482 | 73.1005093 | 24.14 | 33.6531 | 73.2012037 | 24.18 | 33.8039 |
| 73.000162 | 24.2 | 33.684 | 73.1008565 | 24.14 | 33.6487 | 73.2015509 | 24.18 | 33.8174 |
| 73.0005093 | 24.21 | 33.6735 | 73.1012037 | 24.14 | 33.6576 | 73.2018982 | 24.18 | 33.8174 |
| 73.0008565 | 24.2 | 33.6706 | 73.1015509 | 24.14 | 33.6353 | 73.2022454 | 24.18 | 33.84 |
| 73.0012037 | 24.2 | 33.6572 | 73.1018982 | 24.15 | 33.6382 | 73.2025926 | 24.2 | 33.7423 |
| 73.0015509 | 24.2 | 33.6795 | 73.1022454 | 24.15 | 33.665 | 73.2029398 | 24.18 | 33.8039 |
| 73.0018982 | 24.2 | 33.6572 | 73.1025926 | 24.15 | 33.6516 | 73.203287 | 24.18 | 33.8039 |
| 73.0022454 | 24.2 | 33.6572 | 73.1029398 | 24.14 | 33.6576 | 73.2036343 | 24.18 | 33.7949 |
| 73.0025926 | 24.18 | 33.6692 | 73.103287 | 24.14 | 33.6799 | 73.2039815 | 24.17 | 33.8461 |
| 73.0029398 | 24.17 | 33.6842 | 73.1036343 | 24.15 | 33.6382 | 73.2043287 | 24.18 | 33.8039 |
| 73.003287 | 24.17 | 33.635 | 73.1039815 | 24.15 | 33.6516 | 73.2046759 | 24.18 | 33.7904 |
| 73.0036343 | 24.17 | 33.6618 | 73.1043287 | 24.15 | 33.6739 | 73.2050232 | 24.17 | 33.8054 |
| 73.0039815 | 24.15 | 33.6605 | 73.1046759 | 24.15 | 33.6516 | 73.2053704 | 24.18 | 33.7994 |
| 73.0043287 | 24.14 | 33.6576 | 73.1050232 | 24.15 | 33.6516 | 73.2057176 | 24.18 | 33.8039 |
| 73.0046759 | 24.14 | 33.6576 | 73.1053704 | 24.15 | 33.6516 | 73.2060648 | 24.18 | 33.8174 |
| 73.0050232 | 24.15 | 33.6873 | 73.1057176 | 24.15 | 33.7007 | 73.206412 | 24.18 | 33.7769 |
| 73.0053704 | 24.15 | 33.6248 | 73.1060648 | 24.15 | 33.6382 | 73.2067593 | 24.18 | 33.7679 |
| 73.0057176 | 24.15 | 33.6739 | 73.106412 | 24.15 | 33.7142 | 73.2071065 | 24.18 | 33.7769 |
| 73.0060648 | 24.15 | 33.665 | 73.1067593 | 24.15 | 33.6516 | 73.2074537 | 24.18 | 33.8174 |
| 73.006412 | 24.15 | 33.6784 | 73.1071065 | 24.15 | 33.665 | 73.2078009 | 24.17 | 33.8461 |
| 73.0067593 | 24.15 | 33.6739 | 73.1074537 | 24.15 | 33.6382 | 73.2081482 | 24.17 | 33.837 |
| 73.0071065 | 24.15 | 33.7142 | 73.1078009 | 24.15 | 33.6516 | 73.2084954 | 24.15 | 33.8447 |
| 73.0074537 | 24.15 | 33.6739 | 73.1081482 | 24.15 | 33.6739 | 73.2088426 | 24.12 | 33.8855 |
| 73.0078009 | 24.15 | 33.6873 | 73.1084954 | 24.15 | 33.6739 | 73.2091898 | 24.11 | 33.869 |
| 73.0081482 | 24.15 | 33.6605 | 73.1088426 | 24.15 | 33.665 | 73.209537 | 24.11 | 33.8916 |
| 73.0084954 | 24.15 | 33.6248 | 73.1091898 | 24.15 | 33.6739 | 73.2098843 | 24.11 | 33.8961 |
| 73.0088426 | 24.15 | 33.6471 | 73.109537 | 24.15 | 33.6382 | 73.2102315 | 24.09 | 33.8947 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.0091898 | 24.17 | 33.6708 | 73.1098843 | 24.15 | 33.6739 | 73.2105787 | 24.11 | 33.8735 |
| 73.009537 | 24.17 | 33.6752 | 73.1102315 | 24.17 | 33.6395 | 73.2109259 | 24.09 | 33.8721 |
| 73.0098843 | 24.17 | 33.6484 | 73.1105787 | 24.17 | 33.6484 | 73.2112732 | 24.11 | 33.8825 |
| 73.0102315 | 24.18 | 33.6692 | 73.1109259 | 24.15 | 33.6739 | 73.2116204 | 24.09 | 33.8676 |
| 73.0105787 | 24.2 | 33.7154 | 73.1112732 | 24.15 | 33.6739 | 73.2119676 | 24.08 | 33.9371 |
| 73.0109259 | 24.2 | 33.6795 | 73.1116204 | 24.15 | 33.6873 | 73.2123148 | 24.08 | 33.8917 |
| 73.0112732 | 24.2 | 33.6661 | 73.1119676 | 24.15 | 33.6873 | 73.212662 | 24.07 | 33.9341 |
| 73.0116204 | 24.18 | 33.6782 | 73.1123148 | 24.15 | 33.6382 | 73.2130093 | 24.07 | 33.9432 |
| 73.0119676 | 24.2 | 33.6661 | 73.112662 | 24.15 | 33.6739 | 73.2133565 | 24.07 | 33.9432 |
| 73.0123148 | 24.2 | 33.6795 | 73.1130093 | 24.17 | 33.635 | 73.2137037 | 24.07 | 33.9432 |
| 73.012662 | 24.2 | 33.6438 | 73.1133565 | 24.17 | 33.6529 | 73.2140509 | 24.07 | 33.9932 |
| 73.0130093 | 24.18 | 33.6782 | 73.1137037 | 24.17 | 33.6618 | 73.2143982 | 24.08 | 33.8782 |
| 73.0133565 | 24.18 | 33.6916 | 73.1140509 | 24.17 | 33.6261 | 73.2147454 | 24.07 | 33.9477 |
| 73.0137037 | 24.2 | 33.6572 | 73.1143982 | 24.15 | 33.6471 | 73.2150926 | 24.07 | 33.9477 |
| 73.0140509 | 24.22 | 33.7033 | 73.1147454 | 24.15 | 33.665 | 73.2154398 | 24.07 | 33.9432 |
| 73.0143982 | 24.21 | 33.6645 | 73.1150926 | 24.17 | 33.6752 | 73.215787 | 24.07 | 33.9069 |
| 73.0147454 | 24.21 | 33.6735 | 73.1154398 | 24.17 | 33.6618 | 73.2161343 | 24.07 | 33.9568 |
| 73.0150926 | 24.2 | 33.6795 | 73.115787 | 24.17 | 33.6752 | 73.2164815 | 24.07 | 33.9341 |
| 73.0154398 | 24.21 | 33.6601 | 73.1161343 | 24.17 | 33.6395 | 73.2168287 | 24.07 | 33.9069 |
| 73.015787 | 24.21 | 33.6511 | 73.1164815 | 24.17 | 33.6484 | 73.2171759 | 24.07 | 33.9341 |
| 73.0161343 | 24.2 | 33.6393 | 73.1168287 | 24.17 | 33.6484 | 73.2175232 | 24.07 | 33.9568 |
| 73.0164815 | 24.2 | 33.6929 | 73.1171759 | 24.18 | 33.629 | 73.2178704 | 24.07 | 33.9069 |
| 73.0168287 | 24.21 | 33.6377 | 73.1175232 | 24.18 | 33.6335 | 73.2182176 | 24.07 | 33.9069 |
| 73.0171759 | 24.2 | 33.7019 | 73.1178704 | 24.2 | 33.6438 | 73.2185648 | 24.07 | 33.8978 |
| 73.0175232 | 24.2 | 33.6929 | 73.1182176 | 24.18 | 33.6201 | 73.218912 | 24.07 | 33.9568 |
| 73.0178704 | 24.2 | 33.6393 | 73.1185648 | 24.2 | 33.6929 | 73.2192593 | 24.07 | 33.9432 |
| 73.0182176 | 24.2 | 33.6795 | 73.118912 | 24.2 | 33.6661 | 73.2196065 | 24.07 | 33.9205 |
| 73.0185648 | 24.2 | 33.6885 | 73.1192593 | 24.18 | 33.6424 | 73.2199537 | 24.07 | 33.9568 |
| 73.018912 | 24.2 | 33.6661 | 73.1196065 | 24.18 | 33.6424 | 73.2203009 | 24.07 | 33.9704 |
| 73.0192593 | 24.18 | 33.6916 | 73.1199537 | 24.18 | 33.6424 | 73.2206482 | 24.07 | 33.9341 |
| 73.0196065 | 24.18 | 33.6469 | 73.1203009 | 24.18 | 33.6201 | 73.2209954 | 24.07 | 33.9341 |
| 73.0199537 | 24.17 | 33.6618 | 73.1206482 | 24.18 | 33.6558 | 73.2213426 | 24.07 | 33.9069 |
| 73.0203009 | 24.18 | 33.705 | 73.1209954 | 24.18 | 33.6916 | 73.2216898 | 24.07 | 33.9432 |
| 73.0206482 | 24.17 | 33.6752 | 73.1213426 | 24.18 | 33.6782 | 73.222037 | 24.07 | 33.9568 |
| 73.0209954 | 24.17 | 33.6842 | 73.1216898 | 24.18 | 33.629 | 73.2223843 | 24.05 | 33.969 |
| 73.0213426 | 24.17 | 33.6618 | 73.122037 | 24.17 | 33.6128 | 73.2227315 | 24.05 | 33.9191 |
| 73.0216898 | 24.17 | 33.6842 | 73.1223843 | 24.17 | 33.6618 | 73.2230787 | 24.05 | 33.9554 |
| 73.022037 | 24.17 | 33.6618 | 73.1227315 | 24.15 | 33.6382 | 73.2234259 | 24.07 | 33.9432 |
| 73.0223843 | 24.17 | 33.6708 | 73.1230787 | 24.17 | 33.6261 | 73.2237732 | 24.07 | 33.9613 |
| 73.0227315 | 24.17 | 33.6931 | 73.1234259 | 24.17 | 33.635 | 73.2241204 | 24.07 | 33.9205 |
| 73.0230787 | 24.17 | 33.6976 | 73.1237732 | 24.15 | 33.6471 | 73.2244676 | 24.07 | 33.9568 |
| 73.0234259 | 24.17 | 33.6618 | 73.1241204 | 24.15 | 33.6605 | 73.2248148 | 24.05 | 33.9463 |
| 73.0237732 | 24.17 | 33.6752 | 73.1244676 | 24.15 | 33.6471 | 73.225162 | 24.05 | 33.9327 |
| 73.0241204 | 24.15 | 33.6828 | 73.1248148 | 24.15 | 33.6873 | 73.2255093 | 24.05 | 33.9599 |
| 73.0244676 | 24.17 | 33.6976 | 73.125162 | 24.15 | 33.6828 | 73.2258565 | 24.05 | 33.9463 |
| 73.0248148 | 24.17 | 33.72 | 73.1255093 | 24.15 | 33.6471 | 73.2262037 | 24.07 | 33.9568 |
| 73.025162 | 24.17 | 33.6708 | 73.1258565 | 24.15 | 33.6248 | 73.2265509 | 24.05 | 33.9327 |
| 73.0255093 | 24.18 | 33.6871 | 73.1262037 | 24.15 | 33.6605 | 73.2268982 | 24.05 | 33.9463 |
| 73.0258565 | 24.2 | 33.7019 | 73.1265509 | 24.15 | 33.665 | 73.2272454 | 24.05 | 33.9191 |
| 73.0262037 | 24.21 | 33.7093 | 73.1268982 | 24.15 | 33.6248 | 73.2275926 | 24.05 | 33.9463 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.0265509 | 24.2 | 33.7288 | 73.1272454 | 24.15 | 33.6605 | 73.2279398 | 24.05 | 33.969 |
| 73.0268982 | 24.21 | 33.6735 | 73.1275926 | 24.15 | 33.6963 | 73.228287 | 24.07 | 33.9477 |
| 73.0272454 | 24.22 | 33.6764 | 73.1279398 | 24.15 | 33.6873 | 73.2286343 | 24.07 | 33.9568 |
| 73.0275926 | 24.22 | 33.6764 | 73.128287 | 24.15 | 33.6963 | 73.2289815 | 24.07 | 33.9205 |
| 73.0279398 | 24.22 | 33.6764 | 73.1286343 | 24.15 | 33.6739 | 73.2293287 | 24.11 | 33.8961 |
| 73.028287 | 24.22 | 33.6764 | 73.1289815 | 24.15 | 33.6471 | 73.2296759 | 24.17 | 33.7874 |
| 73.0286343 | 24.22 | 33.7033 | 73.1293287 | 24.15 | 33.6471 | 73.2300232 | 24.2 | 33.6885 |
| 73.0289815 | 24.21 | 33.7093 | 73.1296759 | 24.15 | 33.6828 | 73.2303704 | 24.17 | 33.6529 |
| 73.0293287 | 24.21 | 33.6959 | 73.1300232 | 24.15 | 33.6873 | 73.2307176 | 24.15 | 33.6203 |
| 73.0296759 | 24.2 | 33.6259 | 73.1303704 | 24.17 | 33.6752 | 73.2310648 | 24.15 | 33.5936 |
| 73.0300232 | 24.2 | 33.6527 | 73.1307176 | 24.17 | 33.6484 | 73.231412 | 24.18 | 33.5889 |
| 73.0303704 | 24.18 | 33.6871 | 73.1310648 | 24.15 | 33.6605 | 73.2317593 | 24.22 | 33.5738 |
| 73.0307176 | 24.2 | 33.6929 | 73.131412 | 24.17 | 33.6261 | 73.2321065 | 24.24 | 33.5751 |
| 73.0310648 | 24.2 | 33.6661 | 73.1317593 | 24.17 | 33.6618 | 73.2324537 | 24.27 | 33.5438 |
| 73.031412 | 24.2 | 33.6661 | 73.1321065 | 24.17 | 33.6618 | 73.2328009 | 24.28 | 33.5512 |
| 73.0317593 | 24.18 | 33.6916 | 73.1324537 | 24.17 | 33.6842 | 73.2331482 | 24.22 | 33.5028 |
| 73.0321065 | 24.2 | 33.6795 | 73.1328009 | 24.17 | 33.6484 | 73.2334954 | 24.15 | 33.4873 |
| 73.0324537 | 24.21 | 33.7093 | 73.1331482 | 24.17 | 33.6842 | 73.2338426 | 24.15 | 33.5227 |
| 73.0328009 | 24.21 | 33.6422 | 73.1334954 | 24.17 | 33.6708 | 73.2341898 | 24.14 | 33.5774 |
| 73.0331482 | 24.21 | 33.6601 | 73.1338426 | 24.17 | 33.6842 | 73.234537 | 24.14 | 33.5286 |
| 73.0334954 | 24.2 | 33.6885 | 73.1341898 | 24.17 | 33.6484 | 73.2348843 | 24.12 | 33.5185 |
| 73.0338426 | 24.2 | 33.6885 | 73.134537 | 24.18 | 33.6558 | 73.2352315 | 24.12 | 33.5053 |
| 73.0341898 | 24.18 | 33.6782 | 73.1348843 | 24.18 | 33.6647 | 73.2355787 | 24.12 | 33.5185 |
| 73.034537 | 24.18 | 33.6647 | 73.1352315 | 24.18 | 33.629 | 73.2359259 | 24.11 | 33.5245 |
| 73.0348843 | 24.18 | 33.6916 | 73.1355787 | 24.18 | 33.6558 | 73.2362732 | 24.11 | 33.5245 |
| 73.0352315 | 24.18 | 33.6782 | 73.1359259 | 24.18 | 33.6647 | 73.2366204 | 24.11 | 33.5467 |
| 73.0355787 | 24.18 | 33.629 | 73.1362732 | 24.17 | 33.6574 | 73.2369676 | 24.09 | 33.4967 |
| 73.0359259 | 24.18 | 33.714 | 73.1366204 | 24.18 | 33.6424 | 73.2373148 | 24.09 | 33.5365 |
| 73.0362732 | 24.18 | 33.6782 | 73.1369676 | 24.18 | 33.6782 | 73.237662 | 24.09 | 33.4967 |
| 73.0366204 | 24.17 | 33.6931 | 73.1373148 | 24.18 | 33.6558 | 73.2380093 | 24.11 | 33.5334 |
| 73.0369676 | 24.17 | 33.6217 | 73.137662 | 24.18 | 33.6782 | 73.2383565 | 24.09 | 33.5233 |
| 73.0373148 | 24.17 | 33.635 | 73.1380093 | 24.17 | 33.6708 | 73.2387037 | 24.11 | 33.5245 |
| 73.037662 | 24.17 | 33.6574 | 73.1383565 | 24.17 | 33.644 | 73.2390509 | 24.11 | 33.498 |
| 73.0380093 | 24.18 | 33.6782 | 73.1387037 | 24.18 | 33.6647 | 73.2393982 | 24.09 | 33.5365 |
| 73.0383565 | 24.17 | 33.6752 | 73.1390509 | 24.18 | 33.6513 | 73.2397454 | 24.09 | 33.5233 |
| 73.0387037 | 24.17 | 33.6574 | 73.1393982 | 24.18 | 33.6513 | 73.2400926 | 24.09 | 33.5587 |
| 73.0390509 | 24.18 | 33.6647 | 73.1397454 | 24.2 | 33.6661 | 73.2404398 | 24.09 | 33.5233 |
| 73.0393982 | 24.18 | 33.6782 | 73.1400926 | 24.2 | 33.7154 | 73.240787 | 24.11 | 33.5024 |
| 73.0397454 | 24.18 | 33.705 | 73.1404398 | 24.2 | 33.617 | 73.2411343 | 24.09 | 33.5233 |
| 73.0400926 | 24.18 | 33.6647 | 73.140787 | 24.18 | 33.6513 | 73.2414815 | 24.09 | 33.5233 |
| 73.0404398 | 24.18 | 33.6558 | 73.1411343 | 24.2 | 33.617 | 73.2418287 | 24.09 | 33.5365 |

DPS5-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.4963194 | 24.81 | 34.8502 | 72.5494444 | 24.47 | 33.7369 | 72.6025694 | 24.55 | 33.6351 |
| 72.4966667 | 24.83 | 34.5128 | 72.5497917 | 24.45 | 33.7578 | 72.6029167 | 24.55 | 33.6351 |
| 72.4970139 | 24.68 | 34.4358 | 72.5501389 | 24.45 | 33.7498 | 72.6032639 | 24.55 | 33.6298 |
| 72.4973611 | 24.73 | 34.3121 | 72.5504861 | 24.45 | 33.7419 | 72.6036111 | 24.55 | 33.6351 |
| 72.4977083 | 24.64 | 34.2878 | 72.5508333 | 24.47 | 33.7316 | 72.6039583 | 24.56 | 33.6457 |
| 72.4980556 | 24.58 | 34.2452 | 72.5511806 | 24.45 | 33.7419 | 72.6043056 | 24.56 | 33.6247 |
| 72.4984028 | 24.61 | 34.2184 | 72.5515278 | 24.45 | 33.7551 | 72.6046528 | 24.55 | 33.6561 |
| 72.49875 | 24.56 | 34.1654 | 72.551875 | 24.45 | 33.7551 | 72.605 | 24.56 | 33.6299 |
| 72.4990972 | 24.55 | 34.1625 | 72.5522222 | 24.47 | 33.7501 | 72.6053472 | 24.56 | 33.6352 |
| 72.4994444 | 24.56 | 34.1082 | 72.5525694 | 24.48 | 33.737 | 72.6056944 | 24.56 | 33.6168 |
| 72.4997917 | 24.53 | 34.1158 | 72.5529167 | 24.48 | 33.7529 | 72.6060417 | 24.55 | 33.6508 |
| 72.5001389 | 24.52 | 34.0911 | 72.5532639 | 24.49 | 33.7265 | 72.6063889 | 24.56 | 33.6168 |
| 72.5004861 | 24.53 | 34.0236 | 72.5536111 | 24.51 | 33.7215 | 72.6067361 | 24.56 | 33.6431 |
| 72.5008333 | 24.55 | 34.0429 | 72.5539583 | 24.51 | 33.6951 | 72.6070833 | 24.56 | 33.6299 |
| 72.5011806 | 24.55 | 34.0105 | 72.5543056 | 24.51 | 33.7215 | 72.6074306 | 24.55 | 33.6351 |
| 72.5015278 | 24.55 | 34.0105 | 72.5546528 | 24.51 | 33.7294 | 72.6077778 | 24.56 | 33.6299 |
| 72.501875 | 24.53 | 33.9832 | 72.555 | 24.51 | 33.7215 | 72.608125 | 24.56 | 33.6352 |
| 72.5022222 | 24.56 | 33.9675 | 72.5553472 | 24.52 | 33.7375 | 72.6084722 | 24.56 | 33.6299 |
| 72.5025694 | 24.55 | 33.9647 | 72.5556944 | 24.52 | 33.7084 | 72.6088194 | 24.55 | 33.6272 |
| 72.5029167 | 24.55 | 33.9324 | 72.5560417 | 24.52 | 33.7031 | 72.6091667 | 24.56 | 33.6299 |
| 72.5032639 | 24.53 | 33.9428 | 72.5563889 | 24.53 | 33.6954 | 72.6095139 | 24.55 | 33.6403 |
| 72.5036111 | 24.52 | 33.94 | 72.5567361 | 24.53 | 33.7323 | 72.6098611 | 24.56 | 33.6352 |
| 72.5039583 | 24.53 | 33.9348 | 72.5570833 | 24.53 | 33.7033 | 72.6102083 | 24.55 | 33.6482 |
| 72.5043056 | 24.56 | 33.9031 | 72.5574306 | 24.53 | 33.7165 | 72.6105556 | 24.55 | 33.6351 |
| 72.5046528 | 24.55 | 33.8655 | 72.5577778 | 24.55 | 33.6982 | 72.6109028 | 24.55 | 33.6403 |
| 72.505 | 24.53 | 33.8892 | 72.558125 | 24.55 | 33.693 | 72.61125 | 24.55 | 33.6403 |
| 72.5053472 | 24.51 | 33.905 | 72.5584722 | 24.53 | 33.6954 | 72.6115972 | 24.55 | 33.6193 |
| 72.5056944 | 24.49 | 33.9074 | 72.5588194 | 24.55 | 33.7009 | 72.6119444 | 24.55 | 33.6324 |
| 72.5060417 | 24.49 | 33.8913 | 72.5591667 | 24.55 | 33.6982 | 72.6122917 | 24.55 | 33.6193 |
| 72.5063889 | 24.49 | 33.878 | 72.5595139 | 24.55 | 33.6771 | 72.6126389 | 24.55 | 33.6324 |
| 72.5067361 | 24.49 | 33.8833 | 72.5598611 | 24.55 | 33.6771 | 72.6129861 | 24.55 | 33.6535 |
| 72.5070833 | 24.47 | 33.8937 | 72.5602083 | 24.55 | 33.7088 | 72.6133333 | 24.55 | 33.6403 |
| 72.5074306 | 24.45 | 33.9094 | 72.5605556 | 24.55 | 33.6982 | 72.6136806 | 24.56 | 33.6562 |
| 72.5077778 | 24.47 | 33.8857 | 72.5609028 | 24.55 | 33.6982 | 72.6140278 | 24.55 | 33.6272 |
| 72.508125 | 24.47 | 33.8857 | 72.56125 | 24.55 | 33.6771 | 72.614375 | 24.55 | 33.6403 |
| 72.5084722 | 24.48 | 33.8858 | 72.5615972 | 24.55 | 33.6771 | 72.6147222 | 24.55 | 33.6114 |
| 72.5088194 | 24.48 | 33.8698 | 72.5619444 | 24.55 | 33.6903 | 72.6150694 | 24.55 | 33.6324 |
| 72.5091667 | 24.49 | 33.8726 | 72.5622917 | 24.55 | 33.6982 | 72.6154167 | 24.55 | 33.6403 |
| 72.5095139 | 24.57 | 33.7939 | 72.5626389 | 24.55 | 33.6903 | 72.6157639 | 24.55 | 33.6246 |
| 72.5098611 | 24.58 | 33.7807 | 72.5629861 | 24.56 | 33.7142 | 72.6161111 | 24.55 | 33.6193 |
| 72.5102083 | 24.56 | 33.8123 | 72.5633333 | 24.56 | 33.6773 | 72.6164583 | 24.55 | 33.6114 |
| 72.5105556 | 24.53 | 33.8332 | 72.5636806 | 24.56 | 33.6773 | 72.6168056 | 24.55 | 33.6193 |
| 72.5109028 | 24.52 | 33.7905 | 72.5640278 | 24.55 | 33.6851 | 72.6171528 | 24.55 | 33.6246 |
| 72.51125 | 24.53 | 33.8119 | 72.564375 | 24.56 | 33.6905 | 72.6175 | 24.53 | 33.6348 |
| 72.5115972 | 24.52 | 33.8011 | 72.5647222 | 24.56 | 33.6905 | 72.6178472 | 24.53 | 33.6348 |
| 72.5119444 | 24.51 | 33.8196 | 72.5650694 | 24.53 | 33.7138 | 72.6181944 | 24.53 | 33.6348 |
| 72.5122917 | 24.52 | 33.8144 | 72.5654167 | 24.53 | 33.6927 | 72.6185417 | 24.55 | 33.6193 |
| 72.5126389 | 24.51 | 33.8116 | 72.5657639 | 24.53 | 33.6795 | 72.6188889 | 24.55 | 33.6193 |
| 72.5129861 | 24.51 | 33.8409 | 72.5661111 | 24.53 | 33.7006 | 72.6192361 | 24.53 | 33.6296 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.5133333 | 24.51 | 33.8249 | 72.5664583 | 24.53 | 33.669 | 72.6195833 | 24.55 | 33.6298 |
| 72.5136806 | 24.51 | 33.8036 | 72.5668056 | 24.53 | 33.7059 | 72.6199306 | 24.55 | 33.6377 |
| 72.5140278 | 24.51 | 33.7957 | 72.5671528 | 24.53 | 33.6927 | 72.6202778 | 24.55 | 33.6377 |
| 72.514375 | 24.52 | 33.8038 | 72.5675 | 24.52 | 33.6979 | 72.620625 | 24.55 | 33.6246 |
| 72.5147222 | 24.52 | 33.7985 | 72.5678472 | 24.53 | 33.6848 | 72.6209722 | 24.53 | 33.627 |
| 72.5150694 | 24.52 | 33.7905 | 72.5681944 | 24.53 | 33.6795 | 72.6213194 | 24.55 | 33.6246 |
| 72.5154167 | 24.53 | 33.7906 | 72.5685417 | 24.53 | 33.6927 | 72.6216667 | 24.53 | 33.6348 |
| 72.5157639 | 24.55 | 33.7644 | 72.5688889 | 24.53 | 33.6927 | 72.6220139 | 24.53 | 33.6558 |
| 72.5161111 | 24.55 | 33.7644 | 72.5692361 | 24.53 | 33.698 | 72.6223611 | 24.53 | 33.6427 |
| 72.5164583 | 24.55 | 33.7697 | 72.5695833 | 24.53 | 33.6848 | 72.6227083 | 24.53 | 33.6558 |
| 72.5168056 | 24.53 | 33.7747 | 72.5699306 | 24.53 | 33.6927 | 72.6230556 | 24.52 | 33.6452 |
| 72.5171528 | 24.53 | 33.78 | 72.5702778 | 24.52 | 33.69 | 72.6234028 | 24.53 | 33.6401 |
| 72.5175 | 24.52 | 33.7772 | 72.570625 | 24.51 | 33.6951 | 72.62375 | 24.53 | 33.627 |
| 72.5178472 | 24.53 | 33.7667 | 72.5709722 | 24.52 | 33.7031 | 72.6240972 | 24.53 | 33.627 |
| 72.5181944 | 24.52 | 33.7931 | 72.5713194 | 24.52 | 33.6821 | 72.6244444 | 24.53 | 33.627 |
| 72.5185417 | 24.52 | 33.756 | 72.5716667 | 24.52 | 33.7031 | 72.6247917 | 24.53 | 33.6217 |
| 72.5188889 | 24.53 | 33.7667 | 72.5720139 | 24.53 | 33.669 | 72.6251389 | 24.53 | 33.6401 |
| 72.5192361 | 24.53 | 33.7641 | 72.5723611 | 24.53 | 33.6822 | 72.6254861 | 24.53 | 33.627 |
| 72.5195833 | 24.53 | 33.7933 | 72.5727083 | 24.53 | 33.669 | 72.6258333 | 24.55 | 33.6377 |
| 72.5199306 | 24.55 | 33.767 | 72.5730556 | 24.53 | 33.6769 | 72.6261806 | 24.53 | 33.6401 |
| 72.5202778 | 24.52 | 33.7693 | 72.5734028 | 24.52 | 33.6952 | 72.6265278 | 24.53 | 33.6348 |
| 72.520625 | 24.53 | 33.7694 | 72.57375 | 24.53 | 33.6769 | 72.626875 | 24.53 | 33.6322 |
| 72.5209722 | 24.55 | 33.767 | 72.5740972 | 24.53 | 33.6822 | 72.6272222 | 24.53 | 33.6322 |
| 72.5213194 | 24.55 | 33.767 | 72.5744444 | 24.53 | 33.6769 | 72.6275694 | 24.53 | 33.627 |
| 72.5216667 | 24.53 | 33.7614 | 72.5747917 | 24.53 | 33.698 | 72.6279167 | 24.53 | 33.6348 |
| 72.5220139 | 24.55 | 33.7299 | 72.5751389 | 24.53 | 33.6901 | 72.6282639 | 24.53 | 33.627 |
| 72.5223611 | 24.55 | 33.7352 | 72.5754861 | 24.53 | 33.6769 | 72.6286111 | 24.55 | 33.6219 |
| 72.5227083 | 24.56 | 33.7433 | 72.5758333 | 24.53 | 33.669 | 72.6289583 | 24.55 | 33.6219 |
| 72.5230556 | 24.55 | 33.7432 | 72.5761806 | 24.53 | 33.6822 | 72.6293056 | 24.55 | 33.6298 |
| 72.5234028 | 24.55 | 33.7511 | 72.5765278 | 24.53 | 33.669 | 72.6296528 | 24.55 | 33.6219 |
| 72.52375 | 24.53 | 33.7588 | 72.576875 | 24.55 | 33.6587 | 72.63 | 24.55 | 33.6219 |
| 72.5240972 | 24.55 | 33.7485 | 72.5772222 | 24.55 | 33.6719 | 72.6303472 | 24.55 | 33.6088 |
| 72.5244444 | 24.55 | 33.7485 | 72.5775694 | 24.53 | 33.6743 | 72.6306944 | 24.55 | 33.6141 |
| 72.5247917 | 24.55 | 33.7564 | 72.5779167 | 24.55 | 33.693 | 72.6310417 | 24.55 | 33.5957 |
| 72.5251389 | 24.55 | 33.7485 | 72.5782639 | 24.55 | 33.6798 | 72.6313889 | 24.55 | 33.6219 |
| 72.5254861 | 24.55 | 33.7458 | 72.5786111 | 24.53 | 33.6822 | 72.6317361 | 24.55 | 33.6219 |
| 72.5258333 | 24.55 | 33.7405 | 72.5789583 | 24.53 | 33.6664 | 72.6320833 | 24.55 | 33.6219 |
| 72.5261806 | 24.56 | 33.7407 | 72.5793056 | 24.55 | 33.6771 | 72.6324306 | 24.53 | 33.6401 |
| 72.5265278 | 24.56 | 33.7221 | 72.5796528 | 24.55 | 33.6561 | 72.6327778 | 24.55 | 33.6141 |
| 72.526875 | 24.56 | 33.7486 | 72.58 | 24.55 | 33.6719 | 72.633125 | 24.53 | 33.6375 |
| 72.5272222 | 24.55 | 33.7617 | 72.5803472 | 24.56 | 33.6799 | 72.6334722 | 24.53 | 33.6034 |
| 72.5275694 | 24.56 | 33.7407 | 72.5806944 | 24.55 | 33.664 | 72.6338194 | 24.53 | 33.6191 |
| 72.5279167 | 24.55 | 33.7247 | 72.5810417 | 24.53 | 33.6532 | 72.6341667 | 24.53 | 33.6191 |
| 72.5282639 | 24.55 | 33.7458 | 72.5813889 | 24.55 | 33.6692 | 72.6345139 | 24.53 | 33.6191 |
| 72.5286111 | 24.55 | 33.7247 | 72.5817361 | 24.55 | 33.664 | 72.6348611 | 24.53 | 33.6243 |
| 72.5289583 | 24.55 | 33.7723 | 72.5820833 | 24.53 | 33.6585 | 72.6352083 | 24.53 | 33.6243 |
| 72.5293056 | 24.52 | 33.7401 | 72.5824306 | 24.55 | 33.6561 | 72.6355556 | 24.55 | 33.6088 |
| 72.5296528 | 24.52 | 33.7666 | 72.5827778 | 24.55 | 33.664 | 72.6359028 | 24.53 | 33.6112 |
| 72.53 | 24.52 | 33.7666 | 72.583125 | 24.53 | 33.6637 | 72.63625 | 24.53 | 33.6243 |
| 72.5303472 | 24.52 | 33.7375 | 72.5834722 | 24.55 | 33.6535 | 72.6365972 | 24.55 | 33.6088 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.5306944 | 24.52 | 33.7534 | 72.5838194 | 24.52 | 33.6847 | 72.6369444 | 24.53 | 33.6191 |
| 72.5310417 | 24.52 | 33.7375 | 72.5841667 | 24.53 | 33.6637 | 72.6372917 | 24.53 | 33.6322 |
| 72.5313889 | 24.51 | 33.7638 | 72.5845139 | 24.53 | 33.6927 | 72.6376389 | 24.53 | 33.6191 |
| 72.5317361 | 24.51 | 33.7427 | 72.5848611 | 24.53 | 33.6585 | 72.6379861 | 24.53 | 33.6165 |
| 72.5320833 | 24.52 | 33.7428 | 72.5852083 | 24.55 | 33.6824 | 72.6383333 | 24.53 | 33.6165 |
| 72.5324306 | 24.51 | 33.7638 | 72.5855556 | 24.55 | 33.6324 | 72.6386806 | 24.53 | 33.6165 |
| 72.5327778 | 24.51 | 33.7479 | 72.5859028 | 24.55 | 33.6535 | 72.6390278 | 24.53 | 33.6375 |
| 72.533125 | 24.51 | 33.7479 | 72.58625 | 24.55 | 33.6482 | 72.639375 | 24.53 | 33.6034 |
| 72.5334722 | 24.52 | 33.7587 | 72.5865972 | 24.55 | 33.6982 | 72.6397222 | 24.53 | 33.5955 |
| 72.5338194 | 24.53 | 33.7588 | 72.5869444 | 24.55 | 33.6561 | 72.6400694 | 24.53 | 33.6165 |
| 72.5341667 | 24.55 | 33.7405 | 72.5872917 | 24.55 | 33.6745 | 72.6404167 | 24.53 | 33.6112 |
| 72.5345139 | 24.56 | 33.7354 | 72.5876389 | 24.55 | 33.6613 | 72.6407639 | 24.53 | 33.5955 |
| 72.5348611 | 24.56 | 33.701 | 72.5879861 | 24.55 | 33.6535 | 72.6411111 | 24.52 | 33.6295 |
| 72.5352083 | 24.55 | 33.7247 | 72.5883333 | 24.55 | 33.6692 | 72.6414583 | 24.53 | 33.6034 |
| 72.5355556 | 24.55 | 33.7247 | 72.5886806 | 24.55 | 33.6613 | 72.6418056 | 24.52 | 33.6163 |
| 72.5359028 | 24.55 | 33.7405 | 72.5890278 | 24.55 | 33.6666 | 72.6421528 | 24.52 | 33.6347 |
| 72.53625 | 24.53 | 33.7297 | 72.589375 | 24.55 | 33.6535 | 72.6425 | 24.52 | 33.6137 |
| 72.5365972 | 24.52 | 33.7348 | 72.5897222 | 24.53 | 33.6558 | 72.6428472 | 24.55 | 33.6193 |
| 72.5369444 | 24.51 | 33.7532 | 72.5900694 | 24.55 | 33.6535 | 72.6431944 | 24.55 | 33.6062 |
| 72.5372917 | 24.51 | 33.7453 | 72.5904167 | 24.55 | 33.6745 | 72.6435417 | 24.55 | 33.5774 |
| 72.5376389 | 24.49 | 33.7556 | 72.5907639 | 24.55 | 33.6535 | 72.6438889 | 24.55 | 33.5852 |
| 72.5379861 | 24.49 | 33.7477 | 72.5911111 | 24.55 | 33.6403 | 72.6442361 | 24.56 | 33.6089 |
| 72.5383333 | 24.49 | 33.7768 | 72.5914583 | 24.55 | 33.6403 | 72.6445833 | 24.57 | 33.5828 |
| 72.5386806 | 24.49 | 33.7556 | 72.5918056 | 24.55 | 33.6535 | 72.6449306 | 24.57 | 33.5933 |
| 72.5390278 | 24.49 | 33.7424 | 72.5921528 | 24.55 | 33.6403 | 72.6452778 | 24.57 | 33.5881 |
| 72.539375 | 24.48 | 33.7529 | 72.5925 | 24.55 | 33.6324 | 72.645625 | 24.57 | 33.5828 |
| 72.5397222 | 24.49 | 33.7398 | 72.5928472 | 24.55 | 33.6508 | 72.6459722 | 24.57 | 33.5828 |
| 72.5400694 | 24.48 | 33.7476 | 72.5931944 | 24.55 | 33.6324 | 72.6463194 | 24.57 | 33.6012 |
| 72.5404167 | 24.48 | 33.7449 | 72.5935417 | 24.55 | 33.6666 | 72.6466667 | 24.57 | 33.6012 |
| 72.5407639 | 24.49 | 33.7398 | 72.5938889 | 24.55 | 33.6456 | 72.6470139 | 24.57 | 33.5959 |
| 72.5411111 | 24.48 | 33.7449 | 72.5942361 | 24.55 | 33.6456 | 72.6473611 | 24.57 | 33.5802 |
| 72.5414583 | 24.48 | 33.7449 | 72.5945833 | 24.55 | 33.6298 | 72.6477083 | 24.57 | 33.5959 |
| 72.5418056 | 24.48 | 33.7529 | 72.5949306 | 24.55 | 33.6377 | 72.6480556 | 24.57 | 33.5881 |
| 72.5421528 | 24.48 | 33.7449 | 72.5952778 | 24.55 | 33.6456 | 72.6484028 | 24.57 | 33.5724 |
| 72.5425 | 24.48 | 33.7793 | 72.595625 | 24.55 | 33.6298 | 72.64875 | 24.57 | 33.5802 |
| 72.5428472 | 24.48 | 33.7449 | 72.5959722 | 24.56 | 33.6404 | 72.6490972 | 24.57 | 33.575 |
| 72.5431944 | 24.48 | 33.737 | 72.5963194 | 24.56 | 33.6457 | 72.6494444 | 24.58 | 33.583 |
| 72.5435417 | 24.49 | 33.7583 | 72.5966667 | 24.55 | 33.6587 | 72.6497917 | 24.58 | 33.5882 |
| 72.5438889 | 24.49 | 33.7398 | 72.5970139 | 24.55 | 33.6377 | 72.6501389 | 24.58 | 33.596 |
| 72.5442361 | 24.49 | 33.745 | 72.5973611 | 24.55 | 33.6377 | 72.6504861 | 24.58 | 33.583 |
| 72.5445833 | 24.49 | 33.7583 | 72.5977083 | 24.55 | 33.6246 | 72.6508333 | 24.6 | 33.5649 |
| 72.5449306 | 24.51 | 33.7479 | 72.5980556 | 24.55 | 33.6429 | 72.6511806 | 24.58 | 33.5882 |
| 72.5452778 | 24.52 | 33.7216 | 72.5984028 | 24.55 | 33.6429 | 72.6515278 | 24.58 | 33.5751 |
| 72.545625 | 24.51 | 33.7136 | 72.59875 | 24.55 | 33.6298 | 72.651875 | 24.58 | 33.596 |
| 72.5459722 | 24.52 | 33.7428 | 72.5990972 | 24.55 | 33.6377 | 72.6522222 | 24.58 | 33.5803 |
| 72.5463194 | 24.51 | 33.7347 | 72.5994444 | 24.55 | 33.6298 | 72.6525694 | 24.6 | 33.5622 |
| 72.5466667 | 24.52 | 33.7348 | 72.5997917 | 24.55 | 33.6377 | 72.6529167 | 24.58 | 33.5882 |
| 72.5470139 | 24.51 | 33.74 | 72.6001389 | 24.55 | 33.6272 | 72.6532639 | 24.58 | 33.5673 |
| 72.5473611 | 24.49 | 33.7503 | 72.6004861 | 24.56 | 33.6299 | 72.6536111 | 24.6 | 33.557 |
| 72.5477083 | 24.51 | 33.7268 | 72.6008333 | 24.55 | 33.6219 | 72.6539583 | 24.6 | 33.5753 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.5480556 | 24.49 | 33.7503 | 72.6011806 | 24.56 | 33.6457 | 72.6543056 | 24.61 | 33.5597 |
| 72.5484028 | 24.47 | 33.7395 | 72.6015278 | 24.56 | 33.6509 | 72.6546528 | 24.61 | 33.565 |
| 72.54875 | 24.47 | 33.7686 | 72.601875 | 24.56 | 33.6457 | 72.655 | 24.61 | 33.5807 |
| 72.5490972 | 24.47 | 33.7607 | 72.6022222 | 24.55 | 33.6351 | 72.6553472 | 24.61 | 33.565 |

DPS5-3

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 73.3752662 | 24.6 | 33.9936 | 73.4533912 | 24.34 | 33.7148 | 73.5315162 | 24.42 | 33.7256 |
| 73.3756134 | 24.49 | 33.7675 | 73.4537384 | 24.34 | 33.7277 | 73.5318634 | 24.42 | 33.7127 |
| 73.3759607 | 24.52 | 33.7548 | 73.4540857 | 24.34 | 33.7148 | 73.5322107 | 24.42 | 33.7049 |
| 73.3763079 | 24.51 | 33.7314 | 73.4544329 | 24.34 | 33.7225 | 73.5325579 | 24.42 | 33.7256 |
| 73.3766551 | 24.44 | 33.7723 | 73.4547801 | 24.34 | 33.7277 | 73.5329051 | 24.42 | 33.7307 |
| 73.3770023 | 24.4 | 33.7668 | 73.4551273 | 24.32 | 33.7328 | 73.5332523 | 24.42 | 33.7333 |
| 73.3773495 | 24.35 | 33.7639 | 73.4554745 | 24.34 | 33.7277 | 73.5335995 | 24.42 | 33.7127 |
| 73.3776968 | 24.34 | 33.7561 | 73.4558218 | 24.32 | 33.725 | 73.5339468 | 24.42 | 33.7049 |
| 73.378044 | 24.32 | 33.7199 | 73.456169 | 24.34 | 33.7148 | 73.534294 | 24.42 | 33.7101 |
| 73.3783912 | 24.32 | 33.7612 | 73.4565162 | 24.34 | 33.7303 | 73.5346412 | 24.42 | 33.7178 |
| 73.3787384 | 24.34 | 33.7303 | 73.4568634 | 24.34 | 33.7303 | 73.5349884 | 24.42 | 33.7049 |
| 73.3790857 | 24.32 | 33.7353 | 73.4572107 | 24.34 | 33.7277 | 73.5353357 | 24.42 | 33.7178 |
| 73.3794329 | 24.31 | 33.7121 | 73.4575579 | 24.35 | 33.7174 | 73.5356829 | 24.42 | 33.7101 |
| 73.3797801 | 24.31 | 33.7276 | 73.4579051 | 24.34 | 33.7019 | 73.5360301 | 24.42 | 33.7256 |
| 73.3801273 | 24.31 | 33.7147 | 73.4582523 | 24.35 | 33.7226 | 73.5363773 | 24.42 | 33.7101 |
| 73.3804745 | 24.3 | 33.774 | 73.4585995 | 24.35 | 33.7226 | 73.5367245 | 24.4 | 33.7151 |
| 73.3808218 | 24.3 | 33.7404 | 73.4589468 | 24.34 | 33.7277 | 73.5370718 | 24.42 | 33.7256 |
| 73.381169 | 24.29 | 33.7533 | 73.459294 | 24.35 | 33.7174 | 73.537419 | 24.42 | 33.7049 |
| 73.3815162 | 24.29 | 33.7249 | 73.4596412 | 24.35 | 33.7174 | 73.5377662 | 24.42 | 33.7256 |
| 73.3818634 | 24.29 | 33.7249 | 73.4599884 | 24.34 | 33.7354 | 73.5381134 | 24.42 | 33.7178 |
| 73.3822107 | 24.29 | 33.7403 | 73.4603357 | 24.34 | 33.7277 | 73.5384607 | 24.42 | 33.7178 |
| 73.3825579 | 24.29 | 33.7403 | 73.4606829 | 24.34 | 33.7225 | 73.5388079 | 24.42 | 33.7127 |
| 73.3829051 | 24.3 | 33.7275 | 73.4610301 | 24.34 | 33.7225 | 73.5391551 | 24.4 | 33.7203 |
| 73.3832523 | 24.3 | 33.7275 | 73.4613773 | 24.34 | 33.7432 | 73.5395023 | 24.4 | 33.728 |
| 73.3835995 | 24.3 | 33.7404 | 73.4617245 | 24.34 | 33.7329 | 73.5398495 | 24.4 | 33.728 |
| 73.3839468 | 24.3 | 33.7275 | 73.4620718 | 24.34 | 33.7354 | 73.5401968 | 24.39 | 33.7331 |
| 73.384294 | 24.3 | 33.7146 | 73.462419 | 24.34 | 33.72 | 73.540544 | 24.38 | 33.7512 |
| 73.3846412 | 24.3 | 33.7095 | 73.4627662 | 24.34 | 33.7354 | 73.5408912 | 24.38 | 33.7512 |
| 73.3849884 | 24.3 | 33.7224 | 73.4631134 | 24.34 | 33.7225 | 73.5412384 | 24.38 | 33.746 |
| 73.3853357 | 24.3 | 33.7301 | 73.4634607 | 24.34 | 33.72 | 73.5415857 | 24.38 | 33.7305 |
| 73.3856829 | 24.3 | 33.7301 | 73.4638079 | 24.34 | 33.7225 | 73.5419329 | 24.38 | 33.7589 |
| 73.3860301 | 24.29 | 33.7146 | 73.4641551 | 24.32 | 33.7405 | 73.5422801 | 24.36 | 33.7562 |
| 73.3863773 | 24.3 | 33.7095 | 73.4645023 | 24.34 | 33.7225 | 73.5426273 | 24.36 | 33.7614 |
| 73.3867245 | 24.3 | 33.7224 | 73.4648495 | 24.34 | 33.7277 | 73.5429745 | 24.38 | 33.7589 |
| 73.3870718 | 24.3 | 33.7018 | 73.4651968 | 24.34 | 33.7354 | 73.5433218 | 24.38 | 33.7719 |
| 73.387419 | 24.3 | 33.7146 | 73.465544 | 24.34 | 33.7406 | 73.543669 | 24.36 | 33.7769 |
| 73.3877662 | 24.3 | 33.7146 | 73.4658912 | 24.32 | 33.7534 | 73.5440162 | 24.38 | 33.7641 |
| 73.3881134 | 24.3 | 33.7095 | 73.4662384 | 24.32 | 33.7457 | 73.5443634 | 24.38 | 33.746 |
| 73.3884607 | 24.3 | 33.7095 | 73.4665857 | 24.34 | 33.7277 | 73.5447107 | 24.36 | 33.7614 |
| 73.3888079 | 24.29 | 33.7146 | 73.4669329 | 24.34 | 33.7354 | 73.5450579 | 24.36 | 33.7769 |
| 73.3891551 | 24.3 | 33.7301 | 73.4672801 | 24.32 | 33.7379 | 73.5454051 | 24.36 | 33.7691 |
| 73.3895023 | 24.3 | 33.7352 | 73.4676273 | 24.32 | 33.7508 | 73.5457523 | 24.36 | 33.7769 |
| 73.3898495 | 24.3 | 33.7301 | 73.4679745 | 24.32 | 33.7508 | 73.5460995 | 24.35 | 33.795 |
| 73.3901968 | 24.3 | 33.7301 | 73.4683218 | 24.32 | 33.7328 | 73.5464468 | 24.35 | 33.795 |
| 73.390544 | 24.3 | 33.7224 | 73.468669 | 24.32 | 33.7508 | 73.546794 | 24.36 | 33.7562 |
| 73.3908912 | 24.31 | 33.7172 | 73.4690162 | 24.32 | 33.725 | 73.5471412 | 24.35 | 33.7613 |
| 73.3912384 | 24.31 | 33.725 | 73.4693634 | 24.32 | 33.7508 | 73.5474884 | 24.35 | 33.7872 |
| 73.3915857 | 24.31 | 33.7172 | 73.4697107 | 24.32 | 33.7328 | 73.5478357 | 24.35 | 33.7536 |
| 73.3919329 | 24.3 | 33.7301 | 73.4700579 | 24.32 | 33.7457 | 73.5481829 | 24.35 | 33.7872 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.3922801 | 24.31 | 33.7095 | 73.4704051 | 24.32 | 33.7328 | 73.5485301 | 24.35 | 33.7743 |
| 73.3926273 | 24.31 | 33.7095 | 73.4707523 | 24.32 | 33.7586 | 73.5488773 | 24.35 | 33.7665 |
| 73.3929745 | 24.31 | 33.7095 | 73.4710995 | 24.32 | 33.7457 | 73.5492245 | 24.35 | 33.8027 |
| 73.3933218 | 24.31 | 33.7044 | 73.4714468 | 24.32 | 33.7457 | 73.5495718 | 24.35 | 33.7743 |
| 73.393669 | 24.32 | 33.7199 | 73.471794 | 24.32 | 33.7379 | 73.549919 | 24.35 | 33.7872 |
| 73.3940162 | 24.32 | 33.707 | 73.4721412 | 24.32 | 33.7508 | 73.5502662 | 24.34 | 33.7794 |
| 73.3943634 | 24.31 | 33.6967 | 73.4724884 | 24.32 | 33.7586 | 73.5506134 | 24.35 | 33.795 |
| 73.3947107 | 24.32 | 33.7199 | 73.4728357 | 24.32 | 33.7586 | 73.5509607 | 24.34 | 33.7716 |
| 73.3950579 | 24.32 | 33.707 | 73.4731829 | 24.32 | 33.7405 | 73.5513079 | 24.34 | 33.7871 |
| 73.3954051 | 24.32 | 33.707 | 73.4735301 | 24.32 | 33.7534 | 73.5516551 | 24.35 | 33.7743 |
| 73.3957523 | 24.32 | 33.7044 | 73.4738773 | 24.32 | 33.7457 | 73.5520023 | 24.34 | 33.7871 |
| 73.3960995 | 24.32 | 33.7044 | 73.4742245 | 24.32 | 33.7379 | 73.5523495 | 24.34 | 33.7794 |
| 73.3964468 | 24.31 | 33.7044 | 73.4745718 | 24.32 | 33.7328 | 73.5526968 | 24.34 | 33.7794 |
| 73.396794 | 24.32 | 33.7044 | 73.474919 | 24.32 | 33.7586 | 73.553044 | 24.32 | 33.8026 |
| 73.3971412 | 24.31 | 33.7121 | 73.4752662 | 24.31 | 33.7379 | 73.5533912 | 24.32 | 33.7767 |
| 73.3974884 | 24.32 | 33.725 | 73.4756134 | 24.31 | 33.7559 | 73.5537384 | 24.32 | 33.7689 |
| 73.3978357 | 24.32 | 33.6993 | 73.4759607 | 24.32 | 33.7379 | 73.5540857 | 24.32 | 33.7689 |
| 73.3981829 | 24.34 | 33.7097 | 73.4763079 | 24.31 | 33.7585 | 73.5544329 | 24.32 | 33.7948 |
| 73.3985301 | 24.34 | 33.7019 | 73.4766551 | 24.32 | 33.7586 | 73.5547801 | 24.34 | 33.7845 |
| 73.3988773 | 24.32 | 33.7199 | 73.4770023 | 24.31 | 33.7456 | 73.5551273 | 24.34 | 33.7871 |
| 73.3992245 | 24.32 | 33.7199 | 73.4773495 | 24.32 | 33.7379 | 73.5554745 | 24.34 | 33.7871 |
| 73.3995718 | 24.34 | 33.7097 | 73.4776968 | 24.32 | 33.7534 | 73.5558218 | 24.34 | 33.7794 |
| 73.399919 | 24.34 | 33.6454 | 73.478044 | 24.32 | 33.7379 | 73.556169 | 24.34 | 33.7716 |
| 73.4002662 | 24.34 | 33.6891 | 73.4783912 | 24.32 | 33.7379 | 73.5565162 | 24.34 | 33.7871 |
| 73.4006134 | 24.32 | 33.6993 | 73.4787384 | 24.32 | 33.7457 | 73.5568634 | 24.34 | 33.7794 |
| 73.4009607 | 24.32 | 33.7199 | 73.4790857 | 24.32 | 33.7586 | 73.5572107 | 24.32 | 33.8026 |
| 73.4013079 | 24.32 | 33.725 | 73.4794329 | 24.32 | 33.7534 | 73.5575579 | 24.32 | 33.7896 |
| 73.4016551 | 24.31 | 33.7095 | 73.4797801 | 24.32 | 33.7534 | 73.5579051 | 24.31 | 33.787 |
| 73.4020023 | 24.31 | 33.7095 | 73.4801273 | 24.32 | 33.7457 | 73.5582523 | 24.31 | 33.8077 |
| 73.4023495 | 24.32 | 33.7276 | 73.4804745 | 24.32 | 33.7328 | 73.5585995 | 24.31 | 33.7947 |
| 73.4026968 | 24.32 | 33.725 | 73.4808218 | 24.32 | 33.7457 | 73.5589468 | 24.31 | 33.8077 |
| 73.403044 | 24.32 | 33.7121 | 73.481169 | 24.32 | 33.7508 | 73.559294 | 24.32 | 33.8026 |
| 73.4033912 | 24.32 | 33.7199 | 73.4815162 | 24.32 | 33.725 | 73.5596412 | 24.32 | 33.7896 |
| 73.4037384 | 24.32 | 33.7121 | 73.4818634 | 24.34 | 33.7354 | 73.5599884 | 24.31 | 33.787 |
| 73.4040857 | 24.32 | 33.725 | 73.4822107 | 24.34 | 33.7148 | 73.5603357 | 24.32 | 33.7896 |
| 73.4044329 | 24.34 | 33.7019 | 73.4825579 | 24.34 | 33.7277 | 73.5606829 | 24.31 | 33.7947 |
| 73.4047801 | 24.32 | 33.7405 | 73.4829051 | 24.34 | 33.7406 | 73.5610301 | 24.32 | 33.7767 |
| 73.4051273 | 24.32 | 33.7328 | 73.4832523 | 24.34 | 33.7432 | 73.5613773 | 24.32 | 33.7896 |
| 73.4054745 | 24.34 | 33.7148 | 73.4835995 | 24.34 | 33.7613 | 73.5617245 | 24.31 | 33.7947 |
| 73.4058218 | 24.35 | 33.7174 | 73.4839468 | 24.34 | 33.7561 | 73.5620718 | 24.31 | 33.8025 |
| 73.406169 | 24.35 | 33.7252 | 73.484294 | 24.34 | 33.7406 | 73.562419 | 24.32 | 33.8026 |
| 73.4065162 | 24.35 | 33.7097 | 73.4846412 | 24.34 | 33.7329 | 73.5627662 | 24.32 | 33.8026 |
| 73.4068634 | 24.35 | 33.7174 | 73.4849884 | 24.34 | 33.7483 | 73.5631134 | 24.31 | 33.7947 |
| 73.4072107 | 24.36 | 33.6995 | 73.4853357 | 24.34 | 33.7277 | 73.5634607 | 24.31 | 33.8025 |
| 73.4075579 | 24.35 | 33.7046 | 73.4856829 | 24.32 | 33.7508 | 73.5638079 | 24.31 | 33.8077 |
| 73.4079051 | 24.35 | 33.7097 | 73.4860301 | 24.32 | 33.7457 | 73.5641551 | 24.3 | 33.8076 |
| 73.4082523 | 24.35 | 33.7097 | 73.4863773 | 24.32 | 33.7586 | 73.5645023 | 24.3 | 33.7714 |
| 73.4085995 | 24.35 | 33.7174 | 73.4867245 | 24.32 | 33.7457 | 73.5648495 | 24.31 | 33.787 |
| 73.4089468 | 24.35 | 33.7252 | 73.4870718 | 24.32 | 33.7586 | 73.5651968 | 24.3 | 33.7869 |
| 73.409294 | 24.36 | 33.7046 | 73.487419 | 24.34 | 33.7406 | 73.565544 | 24.3 | 33.7921 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.4096412 | 24.36 | 33.7046 | 73.4877662 | 24.34 | 33.7354 | 73.5658912 | 24.3 | 33.7999 |
| 73.4099884 | 24.36 | 33.684 | 73.4881134 | 24.34 | 33.7458 | 73.5662384 | 24.3 | 33.7791 |
| 73.4103357 | 24.35 | 33.7046 | 73.4884607 | 24.35 | 33.7303 | 73.5665857 | 24.3 | 33.7869 |
| 73.4106829 | 24.36 | 33.7046 | 73.4888079 | 24.36 | 33.7252 | 73.5669329 | 24.29 | 33.7765 |
| 73.4110301 | 24.36 | 33.684 | 73.4891551 | 24.36 | 33.7433 | 73.5672801 | 24.29 | 33.7791 |
| 73.4113773 | 24.35 | 33.684 | 73.4895023 | 24.36 | 33.7175 | 73.5676273 | 24.3 | 33.7869 |
| 73.4117245 | 24.35 | 33.7046 | 73.4898495 | 24.35 | 33.7226 | 73.5679745 | 24.29 | 33.792 |
| 73.4120718 | 24.36 | 33.7046 | 73.4901968 | 24.36 | 33.7381 | 73.5683218 | 24.3 | 33.7921 |
| 73.412419 | 24.36 | 33.7123 | 73.490544 | 24.36 | 33.7304 | 73.568669 | 24.3 | 33.7714 |
| 73.4127662 | 24.36 | 33.7123 | 73.4908912 | 24.36 | 33.7381 | 73.5690162 | 24.3 | 33.7714 |
| 73.4131134 | 24.36 | 33.6995 | 73.4912384 | 24.38 | 33.7331 | 73.5693634 | 24.31 | 33.7818 |
| 73.4134607 | 24.36 | 33.7046 | 73.4915857 | 24.36 | 33.7381 | 73.5697107 | 24.3 | 33.7714 |
| 73.4138079 | 24.36 | 33.6995 | 73.4919329 | 24.36 | 33.7226 | 73.5700579 | 24.3 | 33.7791 |
| 73.4141551 | 24.35 | 33.7097 | 73.4922801 | 24.38 | 33.7202 | 73.5704051 | 24.3 | 33.7714 |
| 73.4145023 | 24.35 | 33.7046 | 73.4926273 | 24.36 | 33.7459 | 73.5707523 | 24.29 | 33.7765 |
| 73.4148495 | 24.35 | 33.7226 | 73.4929745 | 24.36 | 33.7433 | 73.5710995 | 24.3 | 33.7662 |
| 73.4151968 | 24.35 | 33.6968 | 73.4933218 | 24.38 | 33.7331 | 73.5714468 | 24.29 | 33.792 |
| 73.415544 | 24.35 | 33.702 | 73.493669 | 24.38 | 33.7331 | 73.571794 | 24.29 | 33.7636 |
| 73.4158912 | 24.35 | 33.7097 | 73.4940162 | 24.36 | 33.7381 | 73.5721412 | 24.29 | 33.7972 |
| 73.4162384 | 24.35 | 33.7174 | 73.4943634 | 24.36 | 33.7562 | 73.5724884 | 24.29 | 33.7765 |
| 73.4165857 | 24.35 | 33.7097 | 73.4947107 | 24.38 | 33.7357 | 73.5728357 | 24.29 | 33.7843 |
| 73.4169329 | 24.34 | 33.7225 | 73.4950579 | 24.38 | 33.715 | 73.5731829 | 24.3 | 33.7869 |
| 73.4172801 | 24.35 | 33.7226 | 73.4954051 | 24.38 | 33.715 | 73.5735301 | 24.3 | 33.7921 |
| 73.4176273 | 24.35 | 33.7046 | 73.4957523 | 24.38 | 33.7279 | 73.5738773 | 24.29 | 33.792 |
| 73.4179745 | 24.35 | 33.7303 | 73.4960995 | 24.38 | 33.746 | 73.5742245 | 24.29 | 33.7843 |
| 73.4183218 | 24.36 | 33.684 | 73.4964468 | 24.38 | 33.7202 | 73.5745718 | 24.29 | 33.7843 |
| 73.418669 | 24.35 | 33.7046 | 73.496794 | 24.38 | 33.7202 | 73.574919 | 24.3 | 33.7791 |
| 73.4190162 | 24.35 | 33.7381 | 73.4971412 | 24.38 | 33.7073 | 73.5752662 | 24.3 | 33.7791 |
| 73.4193634 | 24.36 | 33.6995 | 73.4974884 | 24.39 | 33.7202 | 73.5756134 | 24.3 | 33.7791 |
| 73.4197107 | 24.35 | 33.7046 | 73.4978357 | 24.38 | 33.7408 | 73.5759607 | 24.3 | 33.7921 |
| 73.4200579 | 24.36 | 33.7123 | 73.4981829 | 24.39 | 33.7202 | 73.5763079 | 24.3 | 33.7791 |
| 73.4204051 | 24.36 | 33.7252 | 73.4985301 | 24.4 | 33.71 | 73.5766551 | 24.3 | 33.7869 |
| 73.4207523 | 24.35 | 33.7046 | 73.4988773 | 24.4 | 33.7306 | 73.5770023 | 24.3 | 33.7921 |
| 73.4210995 | 24.36 | 33.7201 | 73.4992245 | 24.4 | 33.7306 | 73.5773495 | 24.3 | 33.7999 |
| 73.4214468 | 24.36 | 33.7123 | 73.4995718 | 24.4 | 33.7022 | 73.5776968 | 24.3 | 33.7999 |
| 73.421794 | 24.36 | 33.733 | 73.499919 | 24.4 | 33.7177 | 73.578044 | 24.29 | 33.792 |
| 73.4221412 | 24.39 | 33.6893 | 73.5002662 | 24.39 | 33.7357 | 73.5783912 | 24.29 | 33.7843 |
| 73.4224884 | 24.38 | 33.7021 | 73.5006134 | 24.39 | 33.728 | 73.5787384 | 24.3 | 33.7869 |
| 73.4228357 | 24.38 | 33.7073 | 73.5009607 | 24.4 | 33.6945 | 73.5790857 | 24.3 | 33.7714 |
| 73.4231829 | 24.39 | 33.6945 | 73.5013079 | 24.4 | 33.71 | 73.5794329 | 24.3 | 33.7843 |
| 73.4235301 | 24.39 | 33.6765 | 73.5016551 | 24.4 | 33.7151 | 73.5797801 | 24.3 | 33.7714 |
| 73.4238773 | 24.39 | 33.7048 | 73.5020023 | 24.4 | 33.7229 | 73.5801273 | 24.3 | 33.7921 |
| 73.4242245 | 24.4 | 33.6997 | 73.5023495 | 24.4 | 33.6971 | 73.5804745 | 24.3 | 33.7869 |
| 73.4245718 | 24.39 | 33.7099 | 73.5026968 | 24.4 | 33.7229 | 73.5808218 | 24.3 | 33.7662 |
| 73.424919 | 24.39 | 33.6893 | 73.503044 | 24.43 | 33.7153 | 73.581169 | 24.3 | 33.7869 |
| 73.4252662 | 24.39 | 33.6893 | 73.5033912 | 24.44 | 33.6896 | 73.5815162 | 24.3 | 33.7869 |
| 73.4256134 | 24.4 | 33.6919 | 73.5037384 | 24.43 | 33.687 | 73.5818634 | 24.3 | 33.7999 |
| 73.4259607 | 24.4 | 33.6842 | 73.5040857 | 24.43 | 33.687 | 73.5822107 | 24.3 | 33.7921 |
| 73.4263079 | 24.4 | 33.6971 | 73.5044329 | 24.44 | 33.7025 | 73.5825579 | 24.3 | 33.805 |
| 73.4266551 | 24.39 | 33.7022 | 73.5047801 | 24.44 | 33.6948 | 73.5829051 | 24.3 | 33.7999 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.4270023 | 24.39 | 33.7099 | 73.5051273 | 24.45 | 33.6897 | 73.5832523 | 24.3 | 33.7921 |
| 73.4273495 | 24.4 | 33.6765 | 73.5054745 | 24.44 | 33.7025 | 73.5835995 | 24.3 | 33.7869 |
| 73.4276968 | 24.39 | 33.697 | 73.5058218 | 24.45 | 33.6897 | 73.5839468 | 24.32 | 33.7896 |
| 73.428044 | 24.4 | 33.6971 | 73.506169 | 24.45 | 33.7051 | 73.584294 | 24.34 | 33.7638 |
| 73.4283912 | 24.4 | 33.6637 | 73.5065162 | 24.44 | 33.687 | 73.5846412 | 24.34 | 33.7975 |
| 73.4287384 | 24.42 | 33.6869 | 73.5068634 | 24.44 | 33.6896 | 73.5849884 | 24.34 | 33.7716 |
| 73.4290857 | 24.39 | 33.6816 | 73.5072107 | 24.44 | 33.6948 | 73.5853357 | 24.34 | 33.7923 |
| 73.4294329 | 24.4 | 33.6842 | 73.5075579 | 24.44 | 33.6999 | 73.5856829 | 24.34 | 33.7845 |
| 73.4297801 | 24.38 | 33.6944 | 73.5079051 | 24.44 | 33.6948 | 73.5860301 | 24.34 | 33.7975 |
| 73.4301273 | 24.38 | 33.7073 | 73.5082523 | 24.43 | 33.7076 | 73.5863773 | 24.34 | 33.7923 |
| 73.4304745 | 24.39 | 33.7228 | 73.5085995 | 24.44 | 33.6896 | 73.5867245 | 24.34 | 33.7845 |
| 73.4308218 | 24.38 | 33.715 | 73.5089468 | 24.44 | 33.687 | 73.5870718 | 24.34 | 33.7923 |
| 73.431169 | 24.38 | 33.7228 | 73.509294 | 24.43 | 33.6921 | 73.587419 | 24.34 | 33.7923 |
| 73.4315162 | 24.38 | 33.7073 | 73.5096412 | 24.43 | 33.6947 | 73.5877662 | 24.34 | 33.8053 |
| 73.4318634 | 24.38 | 33.6996 | 73.5099884 | 24.43 | 33.6998 | 73.5881134 | 24.34 | 33.7768 |
| 73.4322107 | 24.38 | 33.6893 | 73.5103357 | 24.43 | 33.6947 | 73.5884607 | 24.34 | 33.8053 |
| 73.4325579 | 24.39 | 33.7151 | 73.5106829 | 24.43 | 33.7076 | 73.5888079 | 24.34 | 33.8001 |
| 73.4329051 | 24.39 | 33.7073 | 73.5110301 | 24.43 | 33.6715 | 73.5891551 | 24.35 | 33.7924 |
| 73.4332523 | 24.38 | 33.7202 | 73.5113773 | 24.42 | 33.7049 | 73.5895023 | 24.34 | 33.7716 |
| 73.4335995 | 24.39 | 33.6893 | 73.5117245 | 24.43 | 33.7127 | 73.5898495 | 24.34 | 33.8053 |
| 73.4339468 | 24.39 | 33.6893 | 73.5120718 | 24.43 | 33.7127 | 73.5901968 | 24.34 | 33.7923 |
| 73.434294 | 24.39 | 33.6842 | 73.512419 | 24.42 | 33.7127 | 73.590544 | 24.34 | 33.7975 |
| 73.4346412 | 24.39 | 33.697 | 73.5127662 | 24.42 | 33.6972 | 73.5908912 | 24.34 | 33.8105 |
| 73.4349884 | 24.38 | 33.715 | 73.5131134 | 24.43 | 33.6921 | 73.5912384 | 24.34 | 33.8053 |
| 73.4353357 | 24.38 | 33.7021 | 73.5134607 | 24.42 | 33.7127 | 73.5915857 | 24.34 | 33.7923 |
| 73.4356829 | 24.38 | 33.7228 | 73.5138079 | 24.42 | 33.7127 | 73.5919329 | 24.34 | 33.8053 |
| 73.4360301 | 24.39 | 33.697 | 73.5141551 | 24.42 | 33.7178 | 73.5922801 | 24.34 | 33.8105 |
| 73.4363773 | 24.39 | 33.697 | 73.5145023 | 24.42 | 33.6972 | 73.5926273 | 24.35 | 33.8183 |
| 73.4367245 | 24.38 | 33.7099 | 73.5148495 | 24.42 | 33.6998 | 73.5929745 | 24.35 | 33.8677 |
| 73.4370718 | 24.38 | 33.7073 | 73.5151968 | 24.42 | 33.6998 | 73.5933218 | 24.35 | 33.8261 |
| 73.437419 | 24.38 | 33.7073 | 73.515544 | 24.42 | 33.7178 | 73.593669 | 24.35 | 33.8521 |
| 73.4377662 | 24.38 | 33.7099 | 73.5158912 | 24.42 | 33.7127 | 73.5940162 | 24.34 | 33.8442 |
| 73.4381134 | 24.38 | 33.7228 | 73.5162384 | 24.42 | 33.7127 | 73.5943634 | 24.35 | 33.8547 |
| 73.4384607 | 24.38 | 33.7073 | 73.5165857 | 24.42 | 33.7178 | 73.5947107 | 24.35 | 33.8261 |
| 73.4388079 | 24.38 | 33.7228 | 73.5169329 | 24.42 | 33.7049 | 73.5950579 | 24.35 | 33.8391 |
| 73.4391551 | 24.38 | 33.7021 | 73.5172801 | 24.42 | 33.7049 | 73.5954051 | 24.35 | 33.8261 |
| 73.4395023 | 24.38 | 33.7021 | 73.5176273 | 24.42 | 33.6869 | 73.5957523 | 24.35 | 33.8469 |
| 73.4398495 | 24.38 | 33.715 | 73.5179745 | 24.42 | 33.7256 | 73.5960995 | 24.35 | 33.8391 |
| 73.4401968 | 24.39 | 33.7099 | 73.5183218 | 24.42 | 33.6843 | 73.5964468 | 24.35 | 33.8261 |
| 73.440544 | 24.38 | 33.715 | 73.518669 | 24.42 | 33.7049 | 73.596794 | 24.35 | 33.8521 |
| 73.4408912 | 24.39 | 33.7022 | 73.5190162 | 24.42 | 33.7075 | 73.5971412 | 24.35 | 33.8313 |
| 73.4412384 | 24.38 | 33.7073 | 73.5193634 | 24.42 | 33.7049 | 73.5974884 | 24.35 | 33.8521 |
| 73.4415857 | 24.36 | 33.7123 | 73.5197107 | 24.42 | 33.7049 | 73.5978357 | 24.35 | 33.8469 |
| 73.4419329 | 24.39 | 33.7022 | 73.5200579 | 24.42 | 33.7049 | 73.5981829 | 24.35 | 33.8391 |
| 73.4422801 | 24.39 | 33.6765 | 73.5204051 | 24.42 | 33.6972 | 73.5985301 | 24.35 | 33.8599 |
| 73.4426273 | 24.38 | 33.7073 | 73.5207523 | 24.42 | 33.7127 | 73.5988773 | 24.35 | 33.8469 |
| 73.4429745 | 24.36 | 33.7098 | 73.5210995 | 24.42 | 33.7256 | 73.5992245 | 24.35 | 33.8469 |
| 73.4433218 | 24.36 | 33.6995 | 73.5214468 | 24.42 | 33.7127 | 73.5995718 | 24.35 | 33.8339 |
| 73.443669 | 24.35 | 33.7252 | 73.521794 | 24.42 | 33.7101 | 73.599919 | 24.35 | 33.8313 |
| 73.4440162 | 24.32 | 33.7328 | 73.5221412 | 24.42 | 33.7127 | 73.6002662 | 24.35 | 33.8391 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.4443634 | 24.32 | 33.725 | 73.5224884 | 24.42 | 33.7256 | 73.6006134 | 24.35 | 33.8391 |
| 73.4447107 | 24.32 | 33.7457 | 73.5228357 | 24.42 | 33.6921 | 73.6009607 | 24.35 | 33.8391 |
| 73.4450579 | 24.32 | 33.7199 | 73.5231829 | 24.42 | 33.6921 | 73.6013079 | 24.35 | 33.8391 |
| 73.4454051 | 24.31 | 33.725 | 73.5235301 | 24.42 | 33.6972 | 73.6016551 | 24.35 | 33.8599 |
| 73.4457523 | 24.31 | 33.7456 | 73.5238773 | 24.42 | 33.7178 | 73.6020023 | 24.35 | 33.8547 |
| 73.4460995 | 24.31 | 33.7456 | 73.5242245 | 24.42 | 33.7101 | 73.6023495 | 24.35 | 33.8469 |
| 73.4464468 | 24.32 | 33.7328 | 73.5245718 | 24.42 | 33.7127 | 73.6026968 | 24.35 | 33.8131 |
| 73.446794 | 24.32 | 33.7379 | 73.524919 | 24.42 | 33.7127 | 73.603044 | 24.34 | 33.7794 |
| 73.4471412 | 24.32 | 33.7379 | 73.5252662 | 24.42 | 33.7178 | 73.6033912 | 24.34 | 33.7923 |
| 73.4474884 | 24.32 | 33.7328 | 73.5256134 | 24.42 | 33.7127 | 73.6037384 | 24.32 | 33.7818 |
| 73.4478357 | 24.34 | 33.7303 | 73.5259607 | 24.42 | 33.7178 | 73.6040857 | 24.32 | 33.7896 |
| 73.4481829 | 24.32 | 33.7199 | 73.5263079 | 24.42 | 33.7127 | 73.6044329 | 24.35 | 33.7587 |
| 73.4485301 | 24.32 | 33.7457 | 73.5266551 | 24.42 | 33.7049 | 73.6047801 | 24.42 | 33.7101 |
| 73.4488773 | 24.34 | 33.7225 | 73.5270023 | 24.42 | 33.7127 | 73.6051273 | 24.43 | 33.705 |
| 73.4492245 | 24.34 | 33.7303 | 73.5273495 | 24.42 | 33.7127 | 73.6054745 | 24.47 | 33.6718 |
| 73.4495718 | 24.34 | 33.7303 | 73.5276968 | 24.42 | 33.6998 | 73.6058218 | 24.53 | 33.6336 |
| 73.449919 | 24.32 | 33.7328 | 73.528044 | 24.42 | 33.7127 | 73.606169 | 24.58 | 33.6031 |
| 73.4502662 | 24.32 | 33.725 | 73.5283912 | 24.42 | 33.6921 | 73.6065162 | 24.68 | 33.5373 |
| 73.4506134 | 24.32 | 33.7328 | 73.5287384 | 24.42 | 33.7049 | 73.6068634 | 24.68 | 33.5577 |
| 73.4509607 | 24.32 | 33.7457 | 73.5290857 | 24.42 | 33.7256 | 73.6072107 | 24.69 | 33.5527 |
| 73.4513079 | 24.32 | 33.725 | 73.5294329 | 24.42 | 33.7101 | 73.6075579 | 24.7 | 33.5349 |
| 73.4516551 | 24.32 | 33.7457 | 73.5297801 | 24.42 | 33.7178 | 73.6079051 | 24.7 | 33.5605 |
| 73.4520023 | 24.32 | 33.7586 | 73.5301273 | 24.42 | 33.6972 | 73.6082523 | 24.71 | 33.5605 |
| 73.4523495 | 24.32 | 33.725 | 73.5304745 | 24.42 | 33.7049 | 73.6085995 | 24.73 | 33.5172 |
| 73.4526968 | 24.32 | 33.725 | 73.5308218 | 24.42 | 33.7127 | 73.6089468 | 24.73 | 33.5581 |
| 73.453044 | 24.34 | 33.7354 | 73.531169 | 24.42 | 33.7256 | | | |

DPS6-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.5518519 | 25 | 33.785 | 72.816088 | 24.31 | 33.9021 | 73.0803241 | 24.38 | 33.7588 |
| 72.5521991 | 25.19 | 33.5789 | 72.8164352 | 24.31 | 33.9399 | 73.0806713 | 24.38 | 33.7316 |
| 72.5525463 | 25 | 33.6344 | 72.8167824 | 24.31 | 33.8918 | 73.0810185 | 24.36 | 33.7525 |
| 72.5528935 | 24.9 | 33.6326 | 72.8171296 | 24.31 | 33.9295 | 73.0813657 | 24.35 | 33.7782 |
| 72.5532407 | 24.93 | 33.5965 | 72.8174769 | 24.31 | 33.9571 | 73.081713 | 24.35 | 33.785 |
| 72.553588 | 24.93 | 33.61 | 72.8178241 | 24.31 | 33.9021 | 73.0820602 | 24.36 | 33.7864 |
| 72.5539352 | 24.93 | 33.5897 | 72.8181713 | 24.31 | 33.9192 | 73.0824074 | 24.35 | 33.8122 |
| 72.5542824 | 24.89 | 33.5735 | 72.8185185 | 24.31 | 33.9295 | 73.0827546 | 24.35 | 33.802 |
| 72.5546296 | 24.86 | 33.5521 | 72.8188657 | 24.31 | 33.9021 | 73.0831019 | 24.36 | 33.7899 |
| 72.5549769 | 24.82 | 33.5697 | 72.819213 | 24.31 | 33.9364 | 73.0834491 | 24.36 | 33.7694 |
| 72.5553241 | 24.74 | 33.5849 | 72.8195602 | 24.29 | 33.9025 | 73.0837963 | 24.36 | 33.783 |
| 72.5556713 | 24.71 | 33.5905 | 72.8199074 | 24.31 | 33.9295 | 73.0841435 | 24.36 | 33.7899 |
| 72.5560185 | 24.68 | 33.5996 | 72.8202546 | 24.31 | 33.9192 | 73.0844907 | 24.35 | 33.7952 |
| 72.5563657 | 24.67 | 33.5847 | 72.8206019 | 24.31 | 33.9021 | 73.084838 | 24.34 | 33.8074 |
| 72.556713 | 24.7 | 33.5655 | 72.8209491 | 24.29 | 33.9575 | 73.0851852 | 24.35 | 33.7952 |
| 72.5570602 | 24.71 | 33.5703 | 72.8212963 | 24.31 | 33.8918 | 73.0855324 | 24.35 | 33.8122 |
| 72.5574074 | 24.67 | 33.5712 | 72.8216435 | 24.31 | 33.9192 | 73.0858796 | 24.34 | 33.8278 |
| 72.5577546 | 24.68 | 33.5659 | 72.8219907 | 24.29 | 33.93 | 73.0862269 | 24.35 | 33.7952 |
| 72.5581019 | 24.7 | 33.5453 | 72.822338 | 24.31 | 33.9089 | 73.0865741 | 24.35 | 33.8225 |
| 72.5584491 | 24.7 | 33.5722 | 72.8226852 | 24.31 | 33.9399 | 73.0869213 | 24.35 | 33.8327 |
| 72.5587963 | 24.73 | 33.5463 | 72.8230324 | 24.31 | 33.9467 | 73.0872685 | 24.36 | 33.8069 |
| 72.5591435 | 24.71 | 33.5266 | 72.8233796 | 24.31 | 33.9364 | 73.0876157 | 24.36 | 33.7694 |
| 72.5594907 | 24.7 | 33.5352 | 72.8237269 | 24.31 | 33.9261 | 73.087963 | 24.35 | 33.768 |
| 72.559838 | 24.71 | 33.5367 | 72.8240741 | 24.31 | 33.9089 | 73.0883102 | 24.35 | 33.785 |
| 72.5601852 | 24.71 | 33.5434 | 72.8244213 | 24.31 | 33.8918 | 73.0886574 | 24.35 | 33.785 |
| 72.5605324 | 24.73 | 33.5161 | 72.8247685 | 24.31 | 33.9261 | 73.0890046 | 24.35 | 33.7748 |
| 72.5608796 | 24.7 | 33.5487 | 72.8251157 | 24.31 | 33.9192 | 73.0893519 | 24.35 | 33.802 |
| 72.5612269 | 24.7 | 33.5419 | 72.825463 | 24.31 | 33.9261 | 73.0896991 | 24.35 | 33.802 |
| 72.5615741 | 24.7 | 33.5285 | 72.8258102 | 24.31 | 33.9399 | 73.0900463 | 24.35 | 33.7952 |
| 72.5619213 | 24.71 | 33.5232 | 72.8261574 | 24.31 | 33.9089 | 73.0903935 | 24.35 | 33.7952 |
| 72.5622685 | 24.71 | 33.5434 | 72.8265046 | 24.29 | 33.93 | 73.0907407 | 24.35 | 33.7952 |
| 72.5626157 | 24.73 | 33.5295 | 72.8268519 | 24.31 | 33.9467 | 73.091088 | 24.35 | 33.8122 |
| 72.562963 | 24.71 | 33.5232 | 72.8271991 | 24.29 | 33.9197 | 73.0914352 | 24.35 | 33.785 |
| 72.5633102 | 24.73 | 33.5295 | 72.8275463 | 24.31 | 33.9089 | 73.0917824 | 24.36 | 33.7626 |
| 72.5636574 | 24.73 | 33.5295 | 72.8278935 | 24.29 | 33.93 | 73.0921296 | 24.36 | 33.7694 |
| 72.5640046 | 24.73 | 33.5194 | 72.8282407 | 24.29 | 33.9094 | 73.0924769 | 24.34 | 33.8005 |
| 72.5643519 | 24.73 | 33.5194 | 72.828588 | 24.29 | 33.93 | 73.0928241 | 24.34 | 33.8074 |
| 72.5646991 | 24.74 | 33.5142 | 72.8289352 | 24.31 | 33.9261 | 73.0931713 | 24.34 | 33.8176 |
| 72.5650463 | 24.74 | 33.5411 | 72.8292824 | 24.31 | 33.9364 | 73.0935185 | 24.34 | 33.8449 |
| 72.5653935 | 24.73 | 33.5295 | 72.8296296 | 24.31 | 33.9261 | 73.0938657 | 24.34 | 33.8278 |
| 72.5657407 | 24.73 | 33.5094 | 72.8299769 | 24.31 | 33.9192 | 73.094213 | 24.34 | 33.8176 |
| 72.566088 | 24.73 | 33.5194 | 72.8303241 | 24.31 | 33.8918 | 73.0945602 | 24.34 | 33.8176 |
| 72.5664352 | 24.73 | 33.5094 | 72.8306713 | 24.31 | 33.9089 | 73.0949074 | 24.32 | 33.8385 |
| 72.5667824 | 24.73 | 33.5262 | 72.8310185 | 24.31 | 33.9021 | 73.0952546 | 24.32 | 33.8385 |
| 72.5671296 | 24.71 | 33.5333 | 72.8313657 | 24.32 | 33.8967 | 73.0956019 | 24.34 | 33.8278 |
| 72.5674769 | 24.73 | 33.5161 | 72.831713 | 24.32 | 33.9036 | 73.0959491 | 24.34 | 33.8278 |
| 72.5678241 | 24.71 | 33.5266 | 72.8320602 | 24.32 | 33.8864 | 73.0962963 | 24.34 | 33.8176 |
| 72.5681713 | 24.7 | 33.5386 | 72.8324074 | 24.32 | 33.8933 | 73.0966435 | 24.34 | 33.8074 |
| 72.5685185 | 24.71 | 33.5333 | 72.8327546 | 24.31 | 33.8918 | 73.0969907 | 24.34 | 33.8176 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.5688657 | 24.7 | 33.5487 | 72.8331019 | 24.31 | 33.9467 | 73.097338 | 24.34 | 33.8346 |
| 72.569213 | 24.7 | 33.5285 | 72.8334491 | 24.31 | 33.8986 | 73.0976852 | 24.34 | 33.8551 |
| 72.5695602 | 24.71 | 33.5501 | 72.8337963 | 24.31 | 33.9192 | 73.0980324 | 24.34 | 33.8278 |
| 72.5699074 | 24.7 | 33.5554 | 72.8341435 | 24.31 | 33.9089 | 73.0983796 | 24.34 | 33.8074 |
| 72.5702546 | 24.68 | 33.4921 | 72.8344907 | 24.31 | 33.8986 | 73.0987269 | 24.34 | 33.8449 |
| 72.5706019 | 24.7 | 33.5352 | 72.834838 | 24.31 | 33.8918 | 73.0990741 | 24.34 | 33.8176 |
| 72.5709491 | 24.64 | 33.5433 | 72.8351852 | 24.31 | 33.9021 | 73.0994213 | 24.35 | 33.7952 |
| 72.5712963 | 24.61 | 33.5759 | 72.8355324 | 24.31 | 33.8986 | 73.0997685 | 24.35 | 33.7952 |
| 72.5716435 | 24.61 | 33.5591 | 72.8358796 | 24.31 | 33.9364 | 73.1001157 | 24.35 | 33.8122 |
| 72.5719907 | 24.6 | 33.5543 | 72.8362269 | 24.31 | 33.9089 | 73.100463 | 24.35 | 33.7816 |
| 72.572338 | 24.64 | 33.55 | 72.8365741 | 24.31 | 33.9089 | 73.1008102 | 24.35 | 33.785 |
| 72.5726852 | 24.66 | 33.5462 | 72.8369213 | 24.31 | 33.9089 | 73.1011574 | 24.35 | 33.802 |
| 72.5730324 | 24.66 | 33.5462 | 72.8372685 | 24.29 | 33.9575 | 73.1015046 | 24.34 | 33.8074 |
| 72.5733796 | 24.66 | 33.5294 | 72.8376157 | 24.29 | 33.9197 | 73.1018519 | 24.34 | 33.8074 |
| 72.5737269 | 24.67 | 33.5309 | 72.837963 | 24.29 | 33.9197 | 73.1021991 | 24.34 | 33.7801 |
| 72.5740741 | 24.68 | 33.5256 | 72.8383102 | 24.31 | 33.9364 | 73.1025463 | 24.34 | 33.8074 |
| 72.5744213 | 24.67 | 33.5342 | 72.8386574 | 24.29 | 33.9369 | 73.1028935 | 24.34 | 33.8449 |
| 72.5747685 | 24.64 | 33.5567 | 72.8390046 | 24.29 | 33.9265 | 73.1032407 | 24.34 | 33.8449 |
| 72.5751157 | 24.66 | 33.5462 | 72.8393519 | 24.29 | 33.93 | 73.103588 | 24.34 | 33.8244 |
| 72.575463 | 24.67 | 33.5309 | 72.8396991 | 24.31 | 33.9192 | 73.1039352 | 24.34 | 33.8278 |
| 72.5758102 | 24.66 | 33.563 | 72.8400463 | 24.31 | 33.9192 | 73.1042824 | 24.34 | 33.8278 |
| 72.5761574 | 24.66 | 33.5529 | 72.8403935 | 24.29 | 33.9575 | 73.1046296 | 24.34 | 33.7903 |
| 72.5765046 | 24.66 | 33.5361 | 72.8407407 | 24.29 | 33.8922 | 73.1049769 | 24.34 | 33.8278 |
| 72.5768519 | 24.66 | 33.5428 | 72.841088 | 24.29 | 33.9094 | 73.1053241 | 24.34 | 33.8278 |
| 72.5771991 | 24.66 | 33.5428 | 72.8414352 | 24.31 | 33.9364 | 73.1056713 | 24.34 | 33.7903 |
| 72.5775463 | 24.63 | 33.5318 | 72.8417824 | 24.31 | 33.9192 | 73.1060185 | 24.35 | 33.802 |
| 72.5778935 | 24.64 | 33.5635 | 72.8421296 | 24.29 | 33.93 | 73.1063657 | 24.35 | 33.7748 |
| 72.5782407 | 24.64 | 33.5433 | 72.8424769 | 24.29 | 33.9265 | 73.106713 | 24.36 | 33.7796 |
| 72.578588 | 24.64 | 33.5332 | 72.8428241 | 24.29 | 33.8922 | 73.1070602 | 24.38 | 33.7418 |
| 72.5789352 | 24.63 | 33.5687 | 72.8431713 | 24.31 | 33.9192 | 73.1074074 | 24.38 | 33.7147 |
| 72.5792824 | 24.63 | 33.5755 | 72.8435185 | 24.29 | 33.9369 | 73.1077546 | 24.38 | 33.752 |
| 72.5796296 | 24.63 | 33.5318 | 72.8438657 | 24.31 | 33.8918 | 73.1081019 | 24.38 | 33.7316 |
| 72.5799769 | 24.61 | 33.5591 | 72.844213 | 24.31 | 33.9192 | 73.1084491 | 24.38 | 33.7248 |
| 72.5803241 | 24.63 | 33.5654 | 72.8445602 | 24.29 | 33.8991 | 73.1087963 | 24.38 | 33.7045 |
| 72.5806713 | 24.61 | 33.539 | 72.8449074 | 24.29 | 33.9094 | 73.1091435 | 24.38 | 33.752 |
| 72.5810185 | 24.63 | 33.5385 | 72.8452546 | 24.29 | 33.9472 | 73.1094907 | 24.38 | 33.7418 |
| 72.5813657 | 24.63 | 33.5755 | 72.8456019 | 24.29 | 33.9197 | 73.109838 | 24.38 | 33.752 |
| 72.581713 | 24.63 | 33.5553 | 72.8459491 | 24.29 | 33.9265 | 73.1101852 | 24.38 | 33.7486 |
| 72.5820602 | 24.63 | 33.562 | 72.8462963 | 24.29 | 33.9094 | 73.1105324 | 24.38 | 33.7316 |
| 72.5824074 | 24.64 | 33.5399 | 72.8466435 | 24.29 | 33.9197 | 73.1108796 | 24.38 | 33.752 |
| 72.5827546 | 24.63 | 33.5654 | 72.8469907 | 24.29 | 33.9506 | 73.1112269 | 24.39 | 33.7263 |
| 72.5831019 | 24.63 | 33.5822 | 72.847338 | 24.29 | 33.9472 | 73.1115741 | 24.38 | 33.7147 |
| 72.5834491 | 24.63 | 33.5721 | 72.8476852 | 24.29 | 33.9025 | 73.1119213 | 24.39 | 33.7433 |
| 72.5837963 | 24.63 | 33.5721 | 72.8480324 | 24.31 | 33.8986 | 73.1122685 | 24.39 | 33.7636 |
| 72.5841435 | 24.64 | 33.5601 | 72.8483796 | 24.32 | 33.8933 | 73.1126157 | 24.39 | 33.7263 |
| 72.5844907 | 24.64 | 33.55 | 72.8487269 | 24.39 | 33.784 | 73.112963 | 24.39 | 33.7365 |
| 72.584838 | 24.64 | 33.5399 | 72.8490741 | 24.44 | 33.6997 | 73.1133102 | 24.39 | 33.7263 |
| 72.5851852 | 24.64 | 33.55 | 72.8494213 | 24.42 | 33.7205 | 73.1136574 | 24.41 | 33.7089 |
| 72.5855324 | 24.63 | 33.5452 | 72.8497685 | 24.44 | 33.7099 | 73.1140046 | 24.41 | 33.7156 |
| 72.5858796 | 24.64 | 33.5668 | 72.8501157 | 24.44 | 33.72 | 73.1143519 | 24.39 | 33.7195 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.5862269 | 24.63 | 33.562 | 72.850463 | 24.45 | 33.6944 | 73.1146991 | 24.39 | 33.7466 |
| 72.5865741 | 24.61 | 33.5524 | 72.8508102 | 24.44 | 33.6828 | 73.1150463 | 24.39 | 33.7331 |
| 72.5869213 | 24.63 | 33.5721 | 72.8511574 | 24.45 | 33.6876 | 73.1153935 | 24.38 | 33.7384 |
| 72.5872685 | 24.63 | 33.5687 | 72.8515046 | 24.45 | 33.6775 | 73.1157407 | 24.39 | 33.7263 |
| 72.5876157 | 24.63 | 33.5788 | 72.8518519 | 24.45 | 33.6775 | 73.116088 | 24.39 | 33.7365 |
| 72.587963 | 24.63 | 33.5721 | 72.8521991 | 24.44 | 33.6997 | 73.1164352 | 24.39 | 33.7365 |
| 72.5883102 | 24.64 | 33.5534 | 72.8525463 | 24.45 | 33.6842 | 73.1167824 | 24.39 | 33.7466 |
| 72.5886574 | 24.64 | 33.5366 | 72.8528935 | 24.45 | 33.691 | 73.1171296 | 24.39 | 33.7263 |
| 72.5890046 | 24.61 | 33.5625 | 72.8532407 | 24.45 | 33.7045 | 73.1174769 | 24.39 | 33.7466 |
| 72.5893519 | 24.63 | 33.5889 | 72.853588 | 24.45 | 33.6842 | 73.1178241 | 24.38 | 33.7316 |
| 72.5896991 | 24.63 | 33.5788 | 72.8539352 | 24.45 | 33.6775 | 73.1181713 | 24.39 | 33.7365 |
| 72.5900463 | 24.64 | 33.5735 | 72.8542824 | 24.45 | 33.6842 | 73.1185185 | 24.38 | 33.7316 |
| 72.5903935 | 24.63 | 33.5419 | 72.8546296 | 24.45 | 33.6842 | 73.1188657 | 24.38 | 33.7588 |
| 72.5907407 | 24.63 | 33.5419 | 72.8549769 | 24.45 | 33.7045 | 73.119213 | 24.38 | 33.752 |
| 72.591088 | 24.63 | 33.5788 | 72.8553241 | 24.45 | 33.6944 | 73.1195602 | 24.38 | 33.7588 |
| 72.5914352 | 24.63 | 33.5486 | 72.8556713 | 24.45 | 33.6775 | 73.1199074 | 24.38 | 33.7486 |
| 72.5917824 | 24.63 | 33.5755 | 72.8560185 | 24.45 | 33.6944 | 73.1202546 | 24.38 | 33.769 |
| 72.5921296 | 24.63 | 33.5788 | 72.8563657 | 24.45 | 33.7113 | 73.1206019 | 24.38 | 33.7486 |
| 72.5924769 | 24.63 | 33.5419 | 72.856713 | 24.45 | 33.6775 | 73.1209491 | 24.36 | 33.7593 |
| 72.5928241 | 24.61 | 33.5692 | 72.8570602 | 24.47 | 33.6837 | 73.1212963 | 24.35 | 33.7748 |
| 72.5931713 | 24.61 | 33.5692 | 72.8574074 | 24.45 | 33.691 | 73.1216435 | 24.35 | 33.7748 |
| 72.5935185 | 24.63 | 33.5586 | 72.8577546 | 24.45 | 33.6842 | 73.1219907 | 24.35 | 33.785 |
| 72.5938657 | 24.61 | 33.5995 | 72.8581019 | 24.47 | 33.6736 | 73.122338 | 24.35 | 33.7952 |
| 72.594213 | 24.63 | 33.5755 | 72.8584491 | 24.45 | 33.6775 | 73.1226852 | 24.36 | 33.7864 |
| 72.5945602 | 24.63 | 33.5687 | 72.8587963 | 24.45 | 33.6842 | 73.1230324 | 24.35 | 33.8122 |
| 72.5949074 | 24.63 | 33.5755 | 72.8591435 | 24.47 | 33.6736 | 73.1233796 | 24.35 | 33.7952 |
| 72.5952546 | 24.63 | 33.5586 | 72.8594907 | 24.45 | 33.6842 | 73.1237269 | 24.36 | 33.7967 |
| 72.5956019 | 24.61 | 33.586 | 72.859838 | 24.47 | 33.6804 | 73.1240741 | 24.36 | 33.7796 |
| 72.5959491 | 24.61 | 33.5961 | 72.8601852 | 24.45 | 33.6572 | 73.1244213 | 24.36 | 33.7967 |
| 72.5962963 | 24.61 | 33.5961 | 72.8605324 | 24.45 | 33.6842 | 73.1247685 | 24.38 | 33.7588 |
| 72.5966435 | 24.61 | 33.5759 | 72.8608796 | 24.47 | 33.6736 | 73.1251157 | 24.38 | 33.7418 |
| 72.5969907 | 24.61 | 33.5961 | 72.8612269 | 24.47 | 33.6635 | 73.125463 | 24.39 | 33.7365 |
| 72.597338 | 24.61 | 33.586 | 72.8615741 | 24.45 | 33.7011 | 73.1258102 | 24.38 | 33.7316 |
| 72.5976852 | 24.61 | 33.5591 | 72.8619213 | 24.45 | 33.7011 | 73.1261574 | 24.39 | 33.7636 |
| 72.5980324 | 24.61 | 33.5591 | 72.8622685 | 24.45 | 33.6741 | 73.1265046 | 24.39 | 33.7365 |
| 72.5983796 | 24.61 | 33.5759 | 72.8626157 | 24.45 | 33.7215 | 73.1268519 | 24.39 | 33.7466 |
| 72.5987269 | 24.63 | 33.5755 | 72.862963 | 24.44 | 33.7268 | 73.1271991 | 24.38 | 33.7418 |
| 72.5990741 | 24.61 | 33.5658 | 72.8633102 | 24.42 | 33.7646 | 73.1275463 | 24.39 | 33.7433 |
| 72.5994213 | 24.61 | 33.6231 | 72.8636574 | 24.39 | 33.8352 | 73.1278935 | 24.38 | 33.7418 |
| 72.5997685 | 24.61 | 33.5759 | 72.8640046 | 24.38 | 33.8679 | 73.1282407 | 24.36 | 33.7864 |
| 72.6001157 | 24.61 | 33.6028 | 72.8643519 | 24.38 | 33.8201 | 73.128588 | 24.35 | 33.8122 |
| 72.600463 | 24.61 | 33.5759 | 72.8646991 | 24.41 | 33.7972 | 73.1289352 | 24.38 | 33.7962 |
| 72.6008102 | 24.61 | 33.586 | 72.8650463 | 24.42 | 33.7544 | 73.1292824 | 24.38 | 33.769 |
| 72.6011574 | 24.61 | 33.5759 | 72.8653935 | 24.44 | 33.7166 | 73.1296296 | 24.39 | 33.7433 |
| 72.6015046 | 24.61 | 33.586 | 72.8657407 | 24.45 | 33.7011 | 73.1299769 | 24.39 | 33.7534 |
| 72.6018519 | 24.61 | 33.5658 | 72.866088 | 24.45 | 33.6944 | 73.1303241 | 24.39 | 33.7365 |
| 72.6021991 | 24.61 | 33.6028 | 72.8664352 | 24.44 | 33.6963 | 73.1306713 | 24.39 | 33.7365 |
| 72.6025463 | 24.61 | 33.5826 | 72.8667824 | 24.45 | 33.6842 | 73.1310185 | 24.39 | 33.7263 |
| 72.6028935 | 24.63 | 33.5822 | 72.8671296 | 24.45 | 33.664 | 73.1313657 | 24.39 | 33.7263 |
| 72.6032407 | 24.61 | 33.5927 | 72.8674769 | 24.45 | 33.6741 | 73.131713 | 24.39 | 33.7229 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.603588 | 24.61 | 33.5927 | 72.8678241 | 24.45 | 33.6572 | 73.1320602 | 24.39 | 33.7331 |
| 72.6039352 | 24.63 | 33.5923 | 72.8681713 | 24.45 | 33.7011 | 73.1324074 | 24.39 | 33.7331 |
| 72.6042824 | 24.63 | 33.5923 | 72.8685185 | 24.45 | 33.691 | 73.1327546 | 24.39 | 33.7229 |
| 72.6046296 | 24.63 | 33.5519 | 72.8688657 | 24.45 | 33.6842 | 73.1331019 | 24.38 | 33.7215 |
| 72.6049769 | 24.63 | 33.599 | 72.869213 | 24.45 | 33.6842 | 73.1334491 | 24.38 | 33.7384 |
| 72.6053241 | 24.63 | 33.5822 | 72.8695602 | 24.45 | 33.6741 | 73.1337963 | 24.38 | 33.7418 |
| 72.6056713 | 24.63 | 33.5822 | 72.8699074 | 24.45 | 33.7011 | 73.1341435 | 24.38 | 33.7486 |
| 72.6060185 | 24.63 | 33.5721 | 72.8702546 | 24.45 | 33.691 | 73.1344907 | 24.39 | 33.7433 |
| 72.6063657 | 24.63 | 33.562 | 72.8706019 | 24.45 | 33.6842 | 73.134838 | 24.39 | 33.7636 |
| 72.606713 | 24.63 | 33.5721 | 72.8709491 | 24.45 | 33.6842 | 73.1351852 | 24.39 | 33.7365 |
| 72.6070602 | 24.61 | 33.5995 | 72.8712963 | 24.45 | 33.691 | 73.1355324 | 24.39 | 33.7365 |
| 72.6074074 | 24.61 | 33.5725 | 72.8716435 | 24.45 | 33.6842 | 73.1358796 | 24.39 | 33.7263 |
| 72.6077546 | 24.61 | 33.5658 | 72.8719907 | 24.45 | 33.7011 | 73.1362269 | 24.39 | 33.7704 |
| 72.6081019 | 24.63 | 33.5788 | 72.872338 | 24.45 | 33.6741 | 73.1365741 | 24.41 | 33.7326 |
| 72.6084491 | 24.61 | 33.5995 | 72.8726852 | 24.45 | 33.6808 | 73.1369213 | 24.39 | 33.7433 |
| 72.6087963 | 24.61 | 33.5725 | 72.8730324 | 24.45 | 33.6842 | 73.1372685 | 24.39 | 33.7534 |
| 72.6091435 | 24.63 | 33.5788 | 72.8733796 | 24.45 | 33.691 | 73.1376157 | 24.39 | 33.7365 |
| 72.6094907 | 24.63 | 33.5889 | 72.8737269 | 24.47 | 33.6702 | 73.137963 | 24.39 | 33.6992 |
| 72.609838 | 24.63 | 33.5889 | 72.8740741 | 24.47 | 33.7075 | 73.1383102 | 24.38 | 33.7215 |
| 72.6101852 | 24.63 | 33.5889 | 72.8744213 | 24.45 | 33.7079 | 73.1386574 | 24.38 | 33.7758 |
| 72.6105324 | 24.63 | 33.5889 | 72.8747685 | 24.45 | 33.7011 | 73.1390046 | 24.39 | 33.7534 |
| 72.6108796 | 24.61 | 33.5894 | 72.8751157 | 24.45 | 33.6741 | 73.1393519 | 24.39 | 33.7534 |
| 72.6112269 | 24.63 | 33.5721 | 72.875463 | 24.45 | 33.664 | 73.1396991 | 24.39 | 33.7161 |
| 72.6115741 | 24.63 | 33.5586 | 72.8758102 | 24.45 | 33.664 | 73.1400463 | 24.38 | 33.7113 |
| 72.6119213 | 24.61 | 33.5995 | 72.8761574 | 24.45 | 33.664 | 73.1403935 | 24.36 | 33.7593 |
| 72.6122685 | 24.63 | 33.5889 | 72.8765046 | 24.45 | 33.7011 | 73.1407407 | 24.36 | 33.7593 |
| 72.6126157 | 24.63 | 33.5856 | 72.8768519 | 24.45 | 33.7113 | 73.141088 | 24.36 | 33.8069 |
| 72.612963 | 24.61 | 33.5894 | 72.8771991 | 24.45 | 33.6741 | 73.1414352 | 24.36 | 33.7593 |
| 72.6133102 | 24.63 | 33.5957 | 72.8775463 | 24.45 | 33.6842 | 73.1417824 | 24.36 | 33.7762 |
| 72.6136574 | 24.63 | 33.5889 | 72.8778935 | 24.45 | 33.6808 | 73.1421296 | 24.36 | 33.7796 |
| 72.6140046 | 24.63 | 33.5856 | 72.8782407 | 24.45 | 33.7011 | 73.1424769 | 24.36 | 33.7864 |
| 72.6143519 | 24.61 | 33.6265 | 72.878588 | 24.45 | 33.6808 | 73.1428241 | 24.36 | 33.7796 |
| 72.6146991 | 24.63 | 33.5856 | 72.8789352 | 24.45 | 33.7113 | 73.1431713 | 24.36 | 33.7864 |
| 72.6150463 | 24.63 | 33.6159 | 72.8792824 | 24.45 | 33.7011 | 73.1435185 | 24.36 | 33.7933 |
| 72.6153935 | 24.63 | 33.5957 | 72.8796296 | 24.45 | 33.7079 | 73.1438657 | 24.36 | 33.7762 |
| 72.6157407 | 24.63 | 33.5788 | 72.8799769 | 24.45 | 33.691 | 73.144213 | 24.36 | 33.7593 |
| 72.616088 | 24.63 | 33.6058 | 72.8803241 | 24.45 | 33.6741 | 73.1445602 | 24.36 | 33.7967 |
| 72.6164352 | 24.63 | 33.5889 | 72.8806713 | 24.45 | 33.6707 | 73.1449074 | 24.36 | 33.7864 |
| 72.6167824 | 24.63 | 33.5788 | 72.8810185 | 24.45 | 33.6808 | 73.1452546 | 24.36 | 33.7762 |
| 72.6171296 | 24.63 | 33.5687 | 72.8813657 | 24.45 | 33.6842 | 73.1456019 | 24.36 | 33.766 |
| 72.6174769 | 24.63 | 33.6024 | 72.881713 | 24.45 | 33.7079 | 73.1459491 | 24.36 | 33.7796 |
| 72.6178241 | 24.63 | 33.5856 | 72.8820602 | 24.45 | 33.6741 | 73.1462963 | 24.36 | 33.766 |
| 72.6181713 | 24.63 | 33.5856 | 72.8824074 | 24.45 | 33.7079 | 73.1466435 | 24.36 | 33.766 |
| 72.6185185 | 24.63 | 33.5586 | 72.8827546 | 24.45 | 33.664 | 73.1469907 | 24.36 | 33.7967 |
| 72.6188657 | 24.63 | 33.5856 | 72.8831019 | 24.45 | 33.691 | 73.147338 | 24.38 | 33.7384 |
| 72.619213 | 24.63 | 33.5856 | 72.8834491 | 24.45 | 33.7011 | 73.1476852 | 24.38 | 33.7282 |
| 72.6195602 | 24.63 | 33.6058 | 72.8837963 | 24.45 | 33.7011 | 73.1480324 | 24.39 | 33.7229 |
| 72.6199074 | 24.64 | 33.5702 | 72.8841435 | 24.45 | 33.7011 | 73.1483796 | 24.39 | 33.7433 |
| 72.6202546 | 24.64 | 33.5971 | 72.8844907 | 24.45 | 33.691 | 73.1487269 | 24.39 | 33.7433 |
| 72.6206019 | 24.64 | 33.5702 | 72.884838 | 24.47 | 33.6702 | 73.1490741 | 24.38 | 33.7113 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6209491 | 24.64 | 33.5803 | 72.8851852 | 24.45 | 33.7011 | 73.1494213 | 24.36 | 33.7762 |
| 72.6212963 | 24.66 | 33.5765 | 72.8855324 | 24.45 | 33.691 | 73.1497685 | 24.35 | 33.7816 |
| 72.6216435 | 24.66 | 33.5765 | 72.8858796 | 24.45 | 33.6741 | 73.1501157 | 24.36 | 33.7864 |
| 72.6219907 | 24.66 | 33.5697 | 72.8862269 | 24.45 | 33.691 | 73.150463 | 24.36 | 33.7864 |
| 72.622338 | 24.64 | 33.587 | 72.8865741 | 24.45 | 33.6808 | 73.1508102 | 24.38 | 33.7384 |
| 72.6226852 | 24.64 | 33.587 | 72.8869213 | 24.44 | 33.7336 | 73.1511574 | 24.36 | 33.7694 |
| 72.6230324 | 24.64 | 33.5904 | 72.8872685 | 24.39 | 33.8045 | 73.1515046 | 24.36 | 33.7967 |
| 72.6233796 | 24.64 | 33.5668 | 72.8876157 | 24.39 | 33.8215 | 73.1518519 | 24.36 | 33.766 |
| 72.6237269 | 24.66 | 33.5765 | 72.887963 | 24.38 | 33.8474 | 73.1521991 | 24.36 | 33.7694 |
| 72.6240741 | 24.64 | 33.587 | 72.8883102 | 24.38 | 33.8371 | 73.1525463 | 24.36 | 33.8035 |
| 72.6244213 | 24.64 | 33.5971 | 72.8886574 | 24.38 | 33.8303 | 73.1528935 | 24.36 | 33.7694 |
| 72.6247685 | 24.64 | 33.5702 | 72.8890046 | 24.38 | 33.8474 | 73.1532407 | 24.36 | 33.766 |
| 72.6251157 | 24.64 | 33.587 | 72.8893519 | 24.38 | 33.7996 | 73.153588 | 24.36 | 33.7593 |
| 72.625463 | 24.64 | 33.587 | 72.8896991 | 24.44 | 33.7065 | 73.1539352 | 24.36 | 33.7864 |
| 72.6258102 | 24.66 | 33.5866 | 72.8900463 | 24.44 | 33.7234 | 73.1542824 | 24.36 | 33.7864 |
| 72.6261574 | 24.66 | 33.5765 | 72.8903935 | 24.44 | 33.7065 | 73.1546296 | 24.36 | 33.7525 |
| 72.6265046 | 24.64 | 33.55 | 72.8907407 | 24.45 | 33.7011 | 73.1549769 | 24.36 | 33.7525 |
| 72.6268519 | 24.64 | 33.587 | 72.891088 | 24.44 | 33.6862 | 73.1553241 | 24.36 | 33.7491 |
| 72.6271991 | 24.64 | 33.5769 | 72.8914352 | 24.44 | 33.7404 | 73.1556713 | 24.36 | 33.766 |
| 72.6275463 | 24.66 | 33.5563 | 72.8917824 | 24.42 | 33.7612 | 73.1560185 | 24.36 | 33.7864 |
| 72.6278935 | 24.64 | 33.5769 | 72.8921296 | 24.42 | 33.7612 | 73.1563657 | 24.38 | 33.7486 |
| 72.6282407 | 24.66 | 33.5664 | 72.8924769 | 24.42 | 33.7714 | 73.156713 | 24.36 | 33.7491 |
| 72.628588 | 24.66 | 33.5496 | 72.8928241 | 24.44 | 33.7302 | 73.1570602 | 24.36 | 33.7694 |
| 72.6289352 | 24.66 | 33.5697 | 72.8931713 | 24.44 | 33.7234 | 73.1574074 | 24.36 | 33.7694 |
| 72.6292824 | 24.66 | 33.5664 | 72.8935185 | 24.44 | 33.7234 | 73.1577546 | 24.36 | 33.766 |
| 72.6296296 | 24.66 | 33.5563 | 72.8938657 | 24.44 | 33.7132 | 73.1581019 | 24.38 | 33.7656 |
| 72.6299769 | 24.66 | 33.5731 | 72.894213 | 24.45 | 33.6808 | 73.1584491 | 24.36 | 33.7491 |
| 72.6303241 | 24.66 | 33.5832 | 72.8945602 | 24.44 | 33.7132 | 73.1587963 | 24.35 | 33.7714 |
| 72.6306713 | 24.66 | 33.5664 | 72.8949074 | 24.44 | 33.7065 | 73.1591435 | 24.36 | 33.7593 |
| 72.6310185 | 24.66 | 33.5395 | 72.8952546 | 24.44 | 33.7132 | 73.1594907 | 24.35 | 33.7544 |
| 72.6313657 | 24.66 | 33.5765 | 72.8956019 | 24.44 | 33.7132 | 73.159838 | 24.35 | 33.7714 |
| 72.631713 | 24.66 | 33.5563 | 72.8959491 | 24.44 | 33.7404 | 73.1601852 | 24.36 | 33.7796 |
| 72.6320602 | 24.67 | 33.551 | 72.8962963 | 24.45 | 33.7249 | 73.1605324 | 24.36 | 33.766 |
| 72.6324074 | 24.66 | 33.5866 | 72.8966435 | 24.44 | 33.6929 | 73.1608796 | 24.36 | 33.7864 |
| 72.6327546 | 24.66 | 33.5462 | 72.8969907 | 24.45 | 33.6978 | 73.1612269 | 24.36 | 33.7762 |
| 72.6331019 | 24.66 | 33.5664 | 72.897338 | 24.44 | 33.7132 | 73.1615741 | 24.36 | 33.7762 |
| 72.6334491 | 24.67 | 33.5779 | 72.8976852 | 24.45 | 33.7249 | 73.1619213 | 24.36 | 33.7864 |
| 72.6337963 | 24.66 | 33.5832 | 72.8980324 | 24.45 | 33.7147 | 73.1622685 | 24.36 | 33.7593 |
| 72.6341435 | 24.66 | 33.5462 | 72.8983796 | 24.44 | 33.7302 | 73.1626157 | 24.36 | 33.7762 |
| 72.6344907 | 24.66 | 33.5563 | 72.8987269 | 24.45 | 33.7147 | 73.162963 | 24.36 | 33.766 |
| 72.634838 | 24.66 | 33.5731 | 72.8990741 | 24.45 | 33.7147 | 73.1633102 | 24.36 | 33.7593 |
| 72.6351852 | 24.66 | 33.5664 | 72.8994213 | 24.45 | 33.6978 | 73.1636574 | 24.36 | 33.7491 |
| 72.6355324 | 24.66 | 33.5294 | 72.8997685 | 24.44 | 33.6929 | 73.1640046 | 24.36 | 33.7864 |
| 72.6358796 | 24.66 | 33.5462 | 72.9001157 | 24.44 | 33.7132 | 73.1643519 | 24.36 | 33.766 |
| 72.6362269 | 24.66 | 33.5664 | 72.900463 | 24.44 | 33.7031 | 73.1646991 | 24.36 | 33.7389 |
| 72.6365741 | 24.66 | 33.5563 | 72.9008102 | 24.44 | 33.7031 | 73.1650463 | 24.36 | 33.7593 |
| 72.6369213 | 24.66 | 33.5462 | 72.9011574 | 24.44 | 33.7031 | 73.1653935 | 24.36 | 33.7559 |
| 72.6372685 | 24.66 | 33.5361 | 72.9015046 | 24.45 | 33.6978 | 73.1657407 | 24.36 | 33.7864 |
| 72.6376157 | 24.64 | 33.5668 | 72.9018519 | 24.44 | 33.72 | 73.166088 | 24.36 | 33.7389 |
| 72.637963 | 24.66 | 33.5664 | 72.9021991 | 24.44 | 33.72 | 73.1664352 | 24.38 | 33.7554 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6383102 | 24.67 | 33.5678 | 72.9025463 | 24.44 | 33.7031 | 73.1667824 | 24.38 | 33.7384 |
| 72.6386574 | 24.68 | 33.5525 | 72.9028935 | 24.45 | 33.7283 | 73.1671296 | 24.38 | 33.7282 |
| 72.6390046 | 24.68 | 33.5525 | 72.9032407 | 24.44 | 33.72 | 73.1674769 | 24.36 | 33.7593 |
| 72.6393519 | 24.68 | 33.5424 | 72.903588 | 24.44 | 33.7031 | 73.1678241 | 24.36 | 33.7559 |
| 72.6396991 | 24.68 | 33.5558 | 72.9039352 | 24.44 | 33.676 | 73.1681713 | 24.36 | 33.7933 |
| 72.6400463 | 24.67 | 33.5476 | 72.9042824 | 24.44 | 33.6929 | 73.1685185 | 24.36 | 33.766 |
| 72.6403935 | 24.67 | 33.5678 | 72.9046296 | 24.44 | 33.7031 | 73.1688657 | 24.36 | 33.766 |
| 72.6407407 | 24.67 | 33.5409 | 72.9049769 | 24.44 | 33.7031 | 73.169213 | 24.36 | 33.7762 |
| 72.641088 | 24.67 | 33.5577 | 72.9053241 | 24.44 | 33.72 | 73.1695602 | 24.36 | 33.766 |
| 72.6414352 | 24.67 | 33.5611 | 72.9056713 | 24.44 | 33.7132 | 73.1699074 | 24.38 | 33.7452 |
| 72.6417824 | 24.68 | 33.5357 | 72.9060185 | 24.44 | 33.7065 | 73.1702546 | 24.38 | 33.7215 |
| 72.6421296 | 24.68 | 33.5525 | 72.9063657 | 24.44 | 33.7099 | 73.1706019 | 24.38 | 33.7554 |
| 72.6424769 | 24.67 | 33.5611 | 72.906713 | 24.45 | 33.6606 | 73.1709491 | 24.38 | 33.735 |
| 72.6428241 | 24.67 | 33.5577 | 72.9070602 | 24.45 | 33.6707 | 73.1712963 | 24.38 | 33.7554 |
| 72.6431713 | 24.67 | 33.5409 | 72.9074074 | 24.44 | 33.7031 | 73.1716435 | 24.38 | 33.7452 |
| 72.6435185 | 24.67 | 33.5678 | 72.9077546 | 24.44 | 33.6929 | 73.1719907 | 24.38 | 33.7486 |
| 72.6438657 | 24.67 | 33.5577 | 72.9081019 | 24.44 | 33.6929 | 73.172338 | 24.38 | 33.7486 |
| 72.644213 | 24.67 | 33.5577 | 72.9084491 | 24.44 | 33.6929 | 73.1726852 | 24.38 | 33.7554 |
| 72.6445602 | 24.67 | 33.5847 | 72.9087963 | 24.44 | 33.7031 | 73.1730324 | 24.38 | 33.7486 |
| 72.6449074 | 24.66 | 33.5529 | 72.9091435 | 24.44 | 33.6862 | 73.1733796 | 24.38 | 33.7554 |
| 72.6452546 | 24.66 | 33.5798 | 72.9094907 | 24.44 | 33.7302 | 73.1737269 | 24.38 | 33.7384 |
| 72.6456019 | 24.66 | 33.563 | 72.909838 | 24.44 | 33.6862 | 73.1740741 | 24.39 | 33.7399 |
| 72.6459491 | 24.67 | 33.5645 | 72.9101852 | 24.44 | 33.7031 | 73.1744213 | 24.38 | 33.7554 |
| 72.6462963 | 24.66 | 33.5428 | 72.9105324 | 24.44 | 33.7132 | 73.1747685 | 24.39 | 33.7263 |
| 72.6466435 | 24.67 | 33.5914 | 72.9108796 | 24.44 | 33.6659 | 73.1751157 | 24.38 | 33.7384 |
| 72.6469907 | 24.66 | 33.5596 | 72.9112269 | 24.44 | 33.6929 | 73.175463 | 24.39 | 33.7229 |
| 72.647338 | 24.66 | 33.563 | 72.9115741 | 24.44 | 33.7031 | 73.1758102 | 24.39 | 33.7229 |
| 72.6476852 | 24.66 | 33.5798 | 72.9119213 | 24.44 | 33.6659 | 73.1761574 | 24.39 | 33.7297 |
| 72.6480324 | 24.66 | 33.5798 | 72.9122685 | 24.44 | 33.6929 | 73.1765046 | 24.39 | 33.75 |
| 72.6483796 | 24.66 | 33.5328 | 72.9126157 | 24.44 | 33.6929 | 73.1768519 | 24.38 | 33.7452 |
| 72.6487269 | 24.64 | 33.5433 | 72.912963 | 24.44 | 33.7132 | 73.1771991 | 24.38 | 33.7656 |
| 72.6490741 | 24.64 | 33.5735 | 72.9133102 | 24.44 | 33.6929 | 73.1775463 | 24.39 | 33.7229 |
| 72.6494213 | 24.66 | 33.5832 | 72.9136574 | 24.44 | 33.6862 | 73.1778935 | 24.38 | 33.7452 |
| 72.6497685 | 24.66 | 33.5596 | 72.9140046 | 24.44 | 33.6862 | 73.1782407 | 24.38 | 33.7282 |
| 72.6501157 | 24.66 | 33.5697 | 72.9143519 | 24.44 | 33.6929 | 73.178588 | 24.39 | 33.7399 |
| 72.650463 | 24.66 | 33.5596 | 72.9146991 | 24.42 | 33.7036 | 73.1789352 | 24.38 | 33.7215 |
| 72.6508102 | 24.66 | 33.5866 | 72.9150463 | 24.44 | 33.6862 | 73.1792824 | 24.39 | 33.7229 |
| 72.6511574 | 24.66 | 33.563 | 72.9153935 | 24.44 | 33.6659 | 73.1796296 | 24.38 | 33.7452 |
| 72.6515046 | 24.64 | 33.5635 | 72.9157407 | 24.42 | 33.6968 | 73.1799769 | 24.39 | 33.7297 |
| 72.6518519 | 24.64 | 33.5702 | 72.916088 | 24.44 | 33.6929 | 73.1803241 | 24.38 | 33.7452 |
| 72.6521991 | 24.64 | 33.5534 | 72.9164352 | 24.42 | 33.7036 | 73.1806713 | 24.39 | 33.7399 |
| 72.6525463 | 24.64 | 33.5635 | 72.9167824 | 24.42 | 33.6833 | 73.1810185 | 24.38 | 33.735 |
| 72.6528935 | 24.64 | 33.5635 | 72.9171296 | 24.42 | 33.6934 | 73.1813657 | 24.38 | 33.7554 |
| 72.6532407 | 24.64 | 33.5702 | 72.9174769 | 24.42 | 33.6968 | 73.181713 | 24.38 | 33.7554 |
| 72.653588 | 24.64 | 33.5904 | 72.9178241 | 24.42 | 33.6934 | 73.1820602 | 24.38 | 33.7656 |
| 72.6539352 | 24.64 | 33.5635 | 72.9181713 | 24.42 | 33.6833 | 73.1824074 | 24.38 | 33.735 |
| 72.6542824 | 24.64 | 33.5635 | 72.9185185 | 24.42 | 33.6968 | 73.1827546 | 24.38 | 33.7554 |
| 72.6546296 | 24.64 | 33.5702 | 72.9188657 | 24.42 | 33.6833 | 73.1831019 | 24.38 | 33.7282 |
| 72.6549769 | 24.64 | 33.5803 | 72.919213 | 24.42 | 33.6934 | 73.1834491 | 24.38 | 33.7282 |
| 72.6553241 | 24.64 | 33.5971 | 72.9195602 | 24.42 | 33.7036 | 73.1837963 | 24.38 | 33.7282 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6556713 | 24.64 | 33.5803 | 72.9199074 | 24.42 | 33.6934 | 73.1841435 | 24.38 | 33.7384 |
| 72.6560185 | 24.64 | 33.5534 | 72.9202546 | 24.42 | 33.6765 | 73.1844907 | 24.38 | 33.7554 |
| 72.6563657 | 24.64 | 33.5735 | 72.9206019 | 24.42 | 33.7036 | 73.184838 | 24.38 | 33.7554 |
| 72.656713 | 24.64 | 33.5635 | 72.9209491 | 24.42 | 33.6968 | 73.1851852 | 24.38 | 33.7384 |
| 72.6570602 | 24.64 | 33.5702 | 72.9212963 | 24.42 | 33.7137 | 73.1855324 | 24.38 | 33.7554 |
| 72.6574074 | 24.64 | 33.5534 | 72.9216435 | 24.42 | 33.7103 | 73.1858796 | 24.38 | 33.7554 |
| 72.6577546 | 24.64 | 33.5433 | 72.9219907 | 24.42 | 33.6833 | 73.1862269 | 24.38 | 33.735 |
| 72.6581019 | 24.64 | 33.5803 | 72.922338 | 24.42 | 33.7036 | 73.1865741 | 24.38 | 33.7554 |
| 72.6584491 | 24.63 | 33.6024 | 72.9226852 | 24.42 | 33.7137 | 73.1869213 | 24.38 | 33.7282 |
| 72.6587963 | 24.64 | 33.5601 | 72.9230324 | 24.42 | 33.6765 | 73.1872685 | 24.38 | 33.7826 |
| 72.6591435 | 24.64 | 33.5601 | 72.9233796 | 24.42 | 33.7036 | 73.1876157 | 24.38 | 33.7452 |
| 72.6594907 | 24.64 | 33.5702 | 72.9237269 | 24.42 | 33.7205 | 73.187963 | 24.38 | 33.7656 |
| 72.659838 | 24.64 | 33.5433 | 72.9240741 | 24.42 | 33.7036 | 73.1883102 | 24.38 | 33.7282 |
| 72.6601852 | 24.64 | 33.5433 | 72.9244213 | 24.42 | 33.6934 | 73.1886574 | 24.38 | 33.7452 |
| 72.6605324 | 24.64 | 33.5702 | 72.9247685 | 24.42 | 33.7036 | 73.1890046 | 24.38 | 33.7282 |
| 72.6608796 | 24.64 | 33.5702 | 72.9251157 | 24.41 | 33.7089 | 73.1893519 | 24.38 | 33.7452 |
| 72.6612269 | 24.64 | 33.5803 | 72.925463 | 24.42 | 33.7036 | 73.1896991 | 24.36 | 33.7762 |
| 72.6615741 | 24.64 | 33.5702 | 72.9258102 | 24.42 | 33.6866 | 73.1900463 | 24.36 | 33.783 |
| 72.6619213 | 24.64 | 33.5232 | 72.9261574 | 24.42 | 33.6934 | 73.1903935 | 24.36 | 33.783 |
| 72.6622685 | 24.64 | 33.5433 | 72.9265046 | 24.42 | 33.6968 | 73.1907407 | 24.36 | 33.7491 |
| 72.6626157 | 24.64 | 33.5601 | 72.9268519 | 24.42 | 33.7036 | 73.191088 | 24.36 | 33.7559 |
| 72.662963 | 24.64 | 33.5769 | 72.9271991 | 24.42 | 33.6968 | 73.1914352 | 24.38 | 33.7486 |
| 72.6633102 | 24.64 | 33.5702 | 72.9275463 | 24.42 | 33.7036 | 73.1917824 | 24.38 | 33.7724 |
| 72.6636574 | 24.64 | 33.5601 | 72.9278935 | 24.42 | 33.6866 | 73.1921296 | 24.38 | 33.735 |
| 72.6640046 | 24.64 | 33.5769 | 72.9282407 | 24.41 | 33.719 | 73.1924769 | 24.38 | 33.7282 |
| 72.6643519 | 24.64 | 33.55 | 72.928588 | 24.42 | 33.7036 | 73.1928241 | 24.38 | 33.7384 |
| 72.6646991 | 24.64 | 33.55 | 72.9289352 | 24.42 | 33.7036 | 73.1931713 | 24.38 | 33.7656 |
| 72.6650463 | 24.64 | 33.5803 | 72.9292824 | 24.42 | 33.6765 | 73.1935185 | 24.38 | 33.7554 |
| 72.6653935 | 24.64 | 33.5601 | 72.9296296 | 24.42 | 33.6833 | 73.1938657 | 24.38 | 33.7554 |
| 72.6657407 | 24.64 | 33.5769 | 72.9299769 | 24.42 | 33.7036 | 73.194213 | 24.38 | 33.7554 |
| 72.666088 | 24.64 | 33.5601 | 72.9303241 | 24.42 | 33.6765 | 73.1945602 | 24.38 | 33.7724 |
| 72.6664352 | 24.64 | 33.5769 | 72.9306713 | 24.42 | 33.7036 | 73.1949074 | 24.36 | 33.766 |
| 72.6667824 | 24.64 | 33.587 | 72.9310185 | 24.42 | 33.7036 | 73.1952546 | 24.36 | 33.766 |
| 72.6671296 | 24.64 | 33.5937 | 72.9313657 | 24.42 | 33.7036 | 73.1956019 | 24.36 | 33.766 |
| 72.6674769 | 24.64 | 33.5668 | 72.931713 | 24.42 | 33.6765 | 73.1959491 | 24.38 | 33.7758 |
| 72.6678241 | 24.64 | 33.55 | 72.9320602 | 24.42 | 33.6664 | 73.1962963 | 24.38 | 33.735 |
| 72.6681713 | 24.64 | 33.5769 | 72.9324074 | 24.42 | 33.7205 | 73.1966435 | 24.38 | 33.7452 |
| 72.6685185 | 24.64 | 33.587 | 72.9327546 | 24.41 | 33.6987 | 73.1969907 | 24.38 | 33.752 |
| 72.6688657 | 24.64 | 33.5668 | 72.9331019 | 24.42 | 33.7205 | 73.197338 | 24.38 | 33.7554 |
| 72.669213 | 24.64 | 33.5702 | 72.9334491 | 24.42 | 33.6833 | 73.1976852 | 24.38 | 33.7282 |
| 72.6695602 | 24.64 | 33.5668 | 72.9337963 | 24.42 | 33.6934 | 73.1980324 | 24.38 | 33.7554 |
| 72.6699074 | 24.64 | 33.5232 | 72.9341435 | 24.42 | 33.7036 | 73.1983796 | 24.38 | 33.7554 |
| 72.6702546 | 24.63 | 33.5654 | 72.9344907 | 24.41 | 33.6987 | 73.1987269 | 24.38 | 33.7282 |
| 72.6706019 | 24.64 | 33.55 | 72.934838 | 24.42 | 33.6934 | 73.1990741 | 24.38 | 33.7554 |
| 72.6709491 | 24.64 | 33.5567 | 72.9351852 | 24.42 | 33.6664 | 73.1994213 | 24.38 | 33.7282 |
| 72.6712963 | 24.64 | 33.5601 | 72.9355324 | 24.41 | 33.6818 | 73.1997685 | 24.38 | 33.7452 |
| 72.6716435 | 24.63 | 33.5822 | 72.9358796 | 24.42 | 33.7205 | 73.2001157 | 24.38 | 33.7656 |
| 72.6719907 | 24.64 | 33.55 | 72.9362269 | 24.41 | 33.7156 | 73.200463 | 24.38 | 33.7452 |
| 72.672338 | 24.64 | 33.5836 | 72.9365741 | 24.41 | 33.7156 | 73.2008102 | 24.38 | 33.752 |
| 72.6726852 | 24.64 | 33.5601 | 72.9369213 | 24.41 | 33.692 | 73.2011574 | 24.38 | 33.7282 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6730324 | 24.64 | 33.55 | 72.9372685 | 24.41 | 33.6886 | 73.2015046 | 24.38 | 33.7452 |
| 72.6733796 | 24.64 | 33.5601 | 72.9376157 | 24.41 | 33.7089 | 73.2018519 | 24.38 | 33.7452 |
| 72.6737269 | 24.64 | 33.5601 | 72.937963 | 24.41 | 33.6886 | 73.2021991 | 24.38 | 33.7554 |
| 72.6740741 | 24.64 | 33.5601 | 72.9383102 | 24.41 | 33.6717 | 73.2025463 | 24.38 | 33.7724 |
| 72.6744213 | 24.64 | 33.6039 | 72.9386574 | 24.41 | 33.6987 | 73.2028935 | 24.38 | 33.7452 |
| 72.6747685 | 24.64 | 33.5769 | 72.9390046 | 24.41 | 33.6987 | 73.2032407 | 24.38 | 33.735 |
| 72.6751157 | 24.64 | 33.5769 | 72.9393519 | 24.41 | 33.6717 | 73.203588 | 24.38 | 33.7452 |
| 72.675463 | 24.64 | 33.5601 | 72.9396991 | 24.41 | 33.6717 | 73.2039352 | 24.38 | 33.7282 |
| 72.6758102 | 24.64 | 33.5735 | 72.9400463 | 24.41 | 33.6818 | 73.2042824 | 24.38 | 33.7248 |
| 72.6761574 | 24.64 | 33.5601 | 72.9403935 | 24.41 | 33.6886 | 73.2046296 | 24.38 | 33.7452 |
| 72.6765046 | 24.63 | 33.562 | 72.9407407 | 24.41 | 33.6886 | 73.2049769 | 24.38 | 33.7656 |
| 72.6768519 | 24.63 | 33.599 | 72.941088 | 24.41 | 33.6818 | 73.2053241 | 24.38 | 33.735 |
| 72.6771991 | 24.63 | 33.562 | 72.9414352 | 24.41 | 33.6987 | 73.2056713 | 24.36 | 33.7559 |
| 72.6775463 | 24.63 | 33.5788 | 72.9417824 | 24.41 | 33.7156 | 73.2060185 | 24.36 | 33.7389 |
| 72.6778935 | 24.63 | 33.5654 | 72.9421296 | 24.41 | 33.6987 | 73.2063657 | 24.36 | 33.783 |
| 72.6782407 | 24.63 | 33.5889 | 72.9424769 | 24.41 | 33.6987 | 73.206713 | 24.36 | 33.7728 |
| 72.678588 | 24.63 | 33.599 | 72.9428241 | 24.41 | 33.7055 | 73.2070602 | 24.36 | 33.7559 |
| 72.6789352 | 24.63 | 33.6091 | 72.9431713 | 24.41 | 33.7156 | 73.2074074 | 24.36 | 33.7287 |
| 72.6792824 | 24.63 | 33.5721 | 72.9435185 | 24.41 | 33.6784 | 73.2077546 | 24.36 | 33.7389 |
| 72.6796296 | 24.61 | 33.6265 | 72.9438657 | 24.41 | 33.6886 | 73.2081019 | 24.36 | 33.7287 |
| 72.6799769 | 24.63 | 33.562 | 72.944213 | 24.41 | 33.6717 | 73.2084491 | 24.36 | 33.7762 |
| 72.6803241 | 24.63 | 33.5889 | 72.9445602 | 24.41 | 33.6886 | 73.2087963 | 24.36 | 33.7559 |
| 72.6806713 | 24.63 | 33.5721 | 72.9449074 | 24.41 | 33.7055 | 73.2091435 | 24.36 | 33.766 |
| 72.6810185 | 24.63 | 33.5822 | 72.9452546 | 24.41 | 33.6717 | 73.2094907 | 24.36 | 33.7559 |
| 72.6813657 | 24.63 | 33.5889 | 72.9456019 | 24.41 | 33.7156 | 73.209838 | 24.36 | 33.766 |
| 72.681713 | 24.63 | 33.5788 | 72.9459491 | 24.41 | 33.6886 | 73.2101852 | 24.36 | 33.7457 |
| 72.6820602 | 24.61 | 33.5995 | 72.9462963 | 24.41 | 33.6818 | 73.2105324 | 24.38 | 33.735 |
| 72.6824074 | 24.61 | 33.6163 | 72.9466435 | 24.41 | 33.6886 | 73.2108796 | 24.38 | 33.735 |
| 72.6827546 | 24.61 | 33.5894 | 72.9469907 | 24.41 | 33.7156 | 73.2112269 | 24.38 | 33.7282 |
| 72.6831019 | 24.61 | 33.5894 | 72.947338 | 24.39 | 33.6992 | 73.2115741 | 24.38 | 33.691 |
| 72.6834491 | 24.61 | 33.5725 | 72.9476852 | 24.41 | 33.6886 | 73.2119213 | 24.38 | 33.735 |
| 72.6837963 | 24.61 | 33.5995 | 72.9480324 | 24.41 | 33.6616 | 73.2122685 | 24.38 | 33.7554 |
| 72.6841435 | 24.61 | 33.5894 | 72.9483796 | 24.41 | 33.6987 | 73.2126157 | 24.38 | 33.7282 |
| 72.6844907 | 24.61 | 33.6163 | 72.9487269 | 24.41 | 33.7089 | 73.212963 | 24.38 | 33.7622 |
| 72.684838 | 24.61 | 33.6096 | 72.9490741 | 24.41 | 33.7156 | 73.2133102 | 24.36 | 33.7389 |
| 72.6851852 | 24.61 | 33.5793 | 72.9494213 | 24.41 | 33.7089 | 73.2136574 | 24.38 | 33.7181 |
| 72.6855324 | 24.61 | 33.5826 | 72.9497685 | 24.41 | 33.7258 | 73.2140046 | 24.36 | 33.7389 |
| 72.6858796 | 24.61 | 33.5995 | 72.9501157 | 24.41 | 33.6616 | 73.2143519 | 24.38 | 33.7181 |
| 72.6862269 | 24.61 | 33.5961 | 72.950463 | 24.41 | 33.6784 | 73.2146991 | 24.36 | 33.7559 |
| 72.6865741 | 24.63 | 33.599 | 72.9508102 | 24.41 | 33.6717 | 73.2150463 | 24.38 | 33.7181 |
| 72.6869213 | 24.61 | 33.5793 | 72.9511574 | 24.41 | 33.6987 | 73.2153935 | 24.38 | 33.735 |
| 72.6872685 | 24.61 | 33.5894 | 72.9515046 | 24.41 | 33.6987 | 73.2157407 | 24.36 | 33.7559 |
| 72.6876157 | 24.61 | 33.6096 | 72.9518519 | 24.41 | 33.6784 | 73.216088 | 24.38 | 33.735 |
| 72.687963 | 24.61 | 33.6062 | 72.9521991 | 24.41 | 33.7055 | 73.2164352 | 24.36 | 33.7355 |
| 72.6883102 | 24.61 | 33.5995 | 72.9525463 | 24.41 | 33.7055 | 73.2167824 | 24.38 | 33.735 |
| 72.6886574 | 24.61 | 33.5894 | 72.9528935 | 24.41 | 33.7089 | 73.2171296 | 24.36 | 33.7355 |
| 72.6890046 | 24.61 | 33.6062 | 72.9532407 | 24.41 | 33.6953 | 73.2174769 | 24.36 | 33.7559 |
| 72.6893519 | 24.61 | 33.5894 | 72.953588 | 24.41 | 33.6886 | 73.2178241 | 24.38 | 33.752 |
| 72.6896991 | 24.61 | 33.6163 | 72.9539352 | 24.41 | 33.6886 | 73.2181713 | 24.36 | 33.7457 |
| 72.6900463 | 24.61 | 33.5995 | 72.9542824 | 24.41 | 33.6886 | 73.2185185 | 24.38 | 33.7248 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6903935 | 24.61 | 33.5692 | 72.9546296 | 24.41 | 33.6987 | 73.2188657 | 24.36 | 33.7084 |
| 72.6907407 | 24.61 | 33.5793 | 72.9549769 | 24.41 | 33.6987 | 73.219213 | 24.36 | 33.7626 |
| 72.691088 | 24.61 | 33.5894 | 72.9553241 | 24.41 | 33.7089 | 73.2195602 | 24.38 | 33.735 |
| 72.6914352 | 24.61 | 33.5894 | 72.9556713 | 24.41 | 33.6886 | 73.2199074 | 24.38 | 33.7181 |
| 72.6917824 | 24.61 | 33.6062 | 72.9560185 | 24.41 | 33.7055 | 73.2202546 | 24.38 | 33.7248 |
| 72.6921296 | 24.61 | 33.5793 | 72.9563657 | 24.41 | 33.6987 | 73.2206019 | 24.38 | 33.735 |
| 72.6924769 | 24.61 | 33.5894 | 72.956713 | 24.41 | 33.7055 | 73.2209491 | 24.38 | 33.735 |
| 72.6928241 | 24.61 | 33.5894 | 72.9570602 | 24.41 | 33.6886 | 73.2212963 | 24.38 | 33.7181 |
| 72.6931713 | 24.61 | 33.5793 | 72.9574074 | 24.41 | 33.7156 | 73.2216435 | 24.38 | 33.7248 |
| 72.6935185 | 24.61 | 33.5894 | 72.9577546 | 24.41 | 33.6987 | 73.2219907 | 24.38 | 33.7282 |
| 72.6938657 | 24.61 | 33.5793 | 72.9581019 | 24.41 | 33.7156 | 73.222338 | 24.38 | 33.735 |
| 72.694213 | 24.61 | 33.5961 | 72.9584491 | 24.41 | 33.7055 | 73.2226852 | 24.38 | 33.7248 |
| 72.6945602 | 24.61 | 33.5894 | 72.9587963 | 24.41 | 33.7156 | 73.2230324 | 24.38 | 33.7181 |
| 72.6949074 | 24.61 | 33.5793 | 72.9591435 | 24.41 | 33.7089 | 73.2233796 | 24.38 | 33.7248 |
| 72.6952546 | 24.61 | 33.6231 | 72.9594907 | 24.41 | 33.7156 | 73.2237269 | 24.38 | 33.735 |
| 72.6956019 | 24.61 | 33.5894 | 72.959838 | 24.41 | 33.7258 | 73.2240741 | 24.36 | 33.7457 |
| 72.6959491 | 24.61 | 33.5995 | 72.9601852 | 24.41 | 33.7156 | 73.2244213 | 24.38 | 33.752 |
| 72.6962963 | 24.61 | 33.5692 | 72.9605324 | 24.39 | 33.706 | 73.2247685 | 24.38 | 33.7622 |
| 72.6966435 | 24.61 | 33.5961 | 72.9608796 | 24.41 | 33.7156 | 73.2251157 | 24.38 | 33.7452 |
| 72.6969907 | 24.6 | 33.6014 | 72.9612269 | 24.39 | 33.7263 | 73.225463 | 24.38 | 33.7452 |
| 72.697338 | 24.6 | 33.6182 | 72.9615741 | 24.39 | 33.7161 | 73.2258102 | 24.38 | 33.735 |
| 72.6976852 | 24.61 | 33.613 | 72.9619213 | 24.41 | 33.6987 | 73.2261574 | 24.38 | 33.7622 |
| 72.6980324 | 24.61 | 33.5894 | 72.9622685 | 24.39 | 33.7094 | 73.2265046 | 24.38 | 33.735 |
| 72.6983796 | 24.61 | 33.6062 | 72.9626157 | 24.41 | 33.6953 | 73.2268519 | 24.38 | 33.6978 |
| 72.6987269 | 24.6 | 33.6385 | 72.962963 | 24.41 | 33.6784 | 73.2271991 | 24.38 | 33.7452 |
| 72.6990741 | 24.6 | 33.6014 | 72.9633102 | 24.39 | 33.7161 | 73.2275463 | 24.38 | 33.7418 |
| 72.6994213 | 24.57 | 33.6476 | 72.9636574 | 24.41 | 33.7055 | 73.2278935 | 24.38 | 33.7248 |
| 72.6997685 | 24.58 | 33.6491 | 72.9640046 | 24.41 | 33.7156 | 73.2282407 | 24.38 | 33.7181 |
| 72.7001157 | 24.57 | 33.6645 | 72.9643519 | 24.41 | 33.6987 | 73.228588 | 24.38 | 33.7079 |
| 72.700463 | 24.55 | 33.6548 | 72.9646991 | 24.39 | 33.6891 | 73.2289352 | 24.38 | 33.7181 |
| 72.7008102 | 24.57 | 33.6612 | 72.9650463 | 24.41 | 33.6987 | 73.2292824 | 24.38 | 33.7147 |
| 72.7011574 | 24.58 | 33.6288 | 72.9653935 | 24.41 | 33.6886 | 73.2296296 | 24.38 | 33.735 |
| 72.7015046 | 24.58 | 33.639 | 72.9657407 | 24.41 | 33.7055 | 73.2299769 | 24.38 | 33.7181 |
| 72.7018519 | 24.58 | 33.6221 | 72.966088 | 24.41 | 33.6784 | 73.2303241 | 24.38 | 33.7045 |
| 72.7021991 | 24.58 | 33.6491 | 72.9664352 | 24.41 | 33.6953 | 73.2306713 | 24.38 | 33.7181 |
| 72.7025463 | 24.6 | 33.6216 | 72.9667824 | 24.41 | 33.7055 | 73.2310185 | 24.38 | 33.735 |
| 72.7028935 | 24.6 | 33.5846 | 72.9671296 | 24.41 | 33.6886 | 73.2313657 | 24.38 | 33.7079 |
| 72.7032407 | 24.6 | 33.6182 | 72.9674769 | 24.39 | 33.7161 | 73.231713 | 24.38 | 33.7181 |
| 72.703588 | 24.6 | 33.6182 | 72.9678241 | 24.41 | 33.7156 | 73.2320602 | 24.38 | 33.7248 |
| 72.7039352 | 24.6 | 33.6284 | 72.9681713 | 24.39 | 33.706 | 73.2324074 | 24.38 | 33.7452 |
| 72.7042824 | 24.6 | 33.6182 | 72.9685185 | 24.41 | 33.7156 | 73.2327546 | 24.38 | 33.7079 |
| 72.7046296 | 24.6 | 33.6014 | 72.9688657 | 24.41 | 33.6886 | 73.2331019 | 24.36 | 33.7287 |
| 72.7049769 | 24.6 | 33.6216 | 72.969213 | 24.41 | 33.6953 | 73.2334491 | 24.38 | 33.7452 |
| 72.7053241 | 24.6 | 33.6115 | 72.9695602 | 24.41 | 33.7156 | 73.2337963 | 24.38 | 33.7248 |
| 72.7056713 | 24.6 | 33.6284 | 72.9699074 | 24.41 | 33.7055 | 73.2341435 | 24.38 | 33.7452 |
| 72.7060185 | 24.6 | 33.5913 | 72.9702546 | 24.39 | 33.7331 | 73.2344907 | 24.38 | 33.7724 |
| 72.7063657 | 24.6 | 33.6182 | 72.9706019 | 24.39 | 33.7229 | 73.234838 | 24.36 | 33.7355 |
| 72.706713 | 24.6 | 33.6284 | 72.9709491 | 24.41 | 33.7326 | 73.2351852 | 24.38 | 33.7248 |
| 72.7070602 | 24.6 | 33.6014 | 72.9712963 | 24.39 | 33.6789 | 73.2355324 | 24.38 | 33.7248 |
| 72.7074074 | 24.6 | 33.6284 | 72.9716435 | 24.39 | 33.7161 | 73.2358796 | 24.38 | 33.7622 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.7077546 | 24.6 | 33.6115 | 72.9719907 | 24.39 | 33.706 | 73.2362269 | 24.38 | 33.7452 |
| 72.7081019 | 24.6 | 33.6014 | 72.972338 | 24.41 | 33.7055 | 73.2365741 | 24.38 | 33.7248 |
| 72.7084491 | 24.6 | 33.6115 | 72.9726852 | 24.41 | 33.7055 | 73.2369213 | 24.38 | 33.7622 |
| 72.7087963 | 24.6 | 33.6284 | 72.9730324 | 24.41 | 33.7123 | 73.2372685 | 24.38 | 33.7418 |
| 72.7091435 | 24.6 | 33.6284 | 72.9733796 | 24.41 | 33.6683 | 73.2376157 | 24.38 | 33.7622 |
| 72.7094907 | 24.6 | 33.6081 | 72.9737269 | 24.39 | 33.7331 | 73.237963 | 24.38 | 33.7079 |
| 72.709838 | 24.6 | 33.6081 | 72.9740741 | 24.41 | 33.6886 | 73.2383102 | 24.36 | 33.7355 |
| 72.7101852 | 24.6 | 33.6182 | 72.9744213 | 24.41 | 33.6953 | 73.2386574 | 24.38 | 33.7452 |
| 72.7105324 | 24.6 | 33.6182 | 72.9747685 | 24.41 | 33.6852 | 73.2390046 | 24.38 | 33.7248 |
| 72.7108796 | 24.6 | 33.6081 | 72.9751157 | 24.41 | 33.6784 | 73.2393519 | 24.36 | 33.7626 |
| 72.7112269 | 24.58 | 33.6187 | 72.975463 | 24.41 | 33.7224 | 73.2396991 | 24.38 | 33.7622 |
| 72.7115741 | 24.6 | 33.598 | 72.9758102 | 24.41 | 33.6953 | 73.2400463 | 24.38 | 33.7248 |
| 72.7119213 | 24.6 | 33.6014 | 72.9761574 | 24.41 | 33.7055 | 73.2403935 | 24.38 | 33.735 |
| 72.7122685 | 24.58 | 33.639 | 72.9765046 | 24.39 | 33.6789 | 73.2407407 | 24.38 | 33.7248 |
| 72.7126157 | 24.58 | 33.639 | 72.9768519 | 24.41 | 33.7055 | 73.241088 | 24.38 | 33.7248 |
| 72.712963 | 24.57 | 33.624 | 72.9771991 | 24.41 | 33.7224 | 73.2414352 | 24.38 | 33.7452 |
| 72.7133102 | 24.58 | 33.6356 | 72.9775463 | 24.39 | 33.7161 | 73.2417824 | 24.38 | 33.7452 |
| 72.7136574 | 24.58 | 33.639 | 72.9778935 | 24.41 | 33.7123 | 73.2421296 | 24.38 | 33.735 |
| 72.7140046 | 24.58 | 33.6255 | 72.9782407 | 24.41 | 33.6852 | 73.2424769 | 24.38 | 33.735 |
| 72.7143519 | 24.58 | 33.6288 | 72.978588 | 24.39 | 33.7229 | 73.2428241 | 24.36 | 33.7423 |
| 72.7146991 | 24.58 | 33.6187 | 72.9789352 | 24.39 | 33.7229 | 73.2431713 | 24.38 | 33.735 |
| 72.7150463 | 24.58 | 33.639 | 72.9792824 | 24.39 | 33.7534 | 73.2435185 | 24.36 | 33.7626 |
| 72.7153935 | 24.58 | 33.6457 | 72.9796296 | 24.41 | 33.7123 | 73.2438657 | 24.36 | 33.7626 |
| 72.7157407 | 24.58 | 33.6288 | 72.9799769 | 24.39 | 33.7161 | 73.244213 | 24.36 | 33.7355 |
| 72.716088 | 24.58 | 33.6288 | 72.9803241 | 24.41 | 33.7123 | 73.2445602 | 24.38 | 33.7588 |
| 72.7164352 | 24.58 | 33.639 | 72.9806713 | 24.41 | 33.7123 | 73.2449074 | 24.38 | 33.735 |
| 72.7167824 | 24.58 | 33.6187 | 72.9810185 | 24.41 | 33.7224 | 73.2452546 | 24.36 | 33.7457 |
| 72.7171296 | 24.58 | 33.6457 | 72.9813657 | 24.41 | 33.7055 | 73.2456019 | 24.36 | 33.7626 |
| 72.7174769 | 24.58 | 33.6187 | 72.981713 | 24.41 | 33.6953 | 73.2459491 | 24.36 | 33.7728 |
| 72.7178241 | 24.58 | 33.639 | 72.9820602 | 24.39 | 33.7263 | 73.2462963 | 24.38 | 33.7452 |
| 72.7181713 | 24.58 | 33.6288 | 72.9824074 | 24.41 | 33.6953 | 73.2466435 | 24.36 | 33.7287 |
| 72.7185185 | 24.58 | 33.6356 | 72.9827546 | 24.41 | 33.7055 | 73.2469907 | 24.36 | 33.7186 |
| 72.7188657 | 24.57 | 33.6341 | 72.9831019 | 24.39 | 33.6789 | 73.247338 | 24.36 | 33.7355 |
| 72.719213 | 24.57 | 33.651 | 72.9834491 | 24.39 | 33.7229 | 73.2476852 | 24.38 | 33.7147 |
| 72.7195602 | 24.57 | 33.6612 | 72.9837963 | 24.39 | 33.7331 | 73.2480324 | 24.38 | 33.735 |
| 72.7199074 | 24.57 | 33.624 | 72.9841435 | 24.39 | 33.7331 | 73.2483796 | 24.38 | 33.7147 |
| 72.7202546 | 24.57 | 33.6206 | 72.9844907 | 24.39 | 33.7365 | 73.2487269 | 24.36 | 33.7423 |
| 72.7206019 | 24.57 | 33.6409 | 72.984838 | 24.39 | 33.7161 | 73.2490741 | 24.38 | 33.7622 |
| 72.7209491 | 24.55 | 33.6245 | 72.9851852 | 24.39 | 33.6958 | 73.2494213 | 24.38 | 33.7452 |
| 72.7212963 | 24.57 | 33.6409 | 72.9855324 | 24.39 | 33.7331 | 73.2497685 | 24.38 | 33.7316 |
| 72.7216435 | 24.57 | 33.6409 | 72.9858796 | 24.39 | 33.7229 | 73.2501157 | 24.38 | 33.7248 |
| 72.7219907 | 24.58 | 33.6356 | 72.9862269 | 24.39 | 33.7331 | 73.250463 | 24.38 | 33.7248 |
| 72.722338 | 24.57 | 33.651 | 72.9865741 | 24.39 | 33.7331 | 73.2508102 | 24.36 | 33.7457 |
| 72.7226852 | 24.57 | 33.6206 | 72.9869213 | 24.39 | 33.7161 | 73.2511574 | 24.36 | 33.7525 |
| 72.7230324 | 24.57 | 33.624 | 72.9872685 | 24.39 | 33.706 | 73.2515046 | 24.38 | 33.752 |
| 72.7233796 | 24.57 | 33.6409 | 72.9876157 | 24.39 | 33.7229 | 73.2518519 | 24.38 | 33.7452 |
| 72.7237269 | 24.57 | 33.651 | 72.987963 | 24.41 | 33.7224 | 73.2521991 | 24.36 | 33.7423 |
| 72.7240741 | 24.57 | 33.6071 | 72.9883102 | 24.41 | 33.6852 | 73.2525463 | 24.36 | 33.7728 |
| 72.7244213 | 24.57 | 33.6409 | 72.9886574 | 24.39 | 33.7433 | 73.2528935 | 24.36 | 33.7355 |
| 72.7247685 | 24.57 | 33.6409 | 72.9890046 | 24.39 | 33.706 | 73.2532407 | 24.36 | 33.7457 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.7251157 | 24.57 | 33.6781 | 72.9893519 | 24.39 | 33.7399 | 73.253588 | 24.36 | 33.7457 |
| 72.725463 | 24.58 | 33.6187 | 72.9896991 | 24.41 | 33.7123 | 73.2539352 | 24.38 | 33.752 |
| 72.7258102 | 24.58 | 33.6356 | 72.9900463 | 24.39 | 33.6789 | 73.2542824 | 24.38 | 33.752 |
| 72.7261574 | 24.58 | 33.6457 | 72.9903935 | 24.39 | 33.6789 | 73.2546296 | 24.36 | 33.7355 |
| 72.7265046 | 24.57 | 33.624 | 72.9907407 | 24.39 | 33.706 | 73.2549769 | 24.36 | 33.7626 |
| 72.7268519 | 24.57 | 33.6206 | 72.991088 | 24.39 | 33.6958 | 73.2553241 | 24.38 | 33.7316 |
| 72.7271991 | 24.57 | 33.6139 | 72.9914352 | 24.39 | 33.7229 | 73.2556713 | 24.36 | 33.7423 |
| 72.7275463 | 24.57 | 33.6206 | 72.9917824 | 24.39 | 33.7229 | 73.2560185 | 24.36 | 33.7423 |
| 72.7278935 | 24.57 | 33.6409 | 72.9921296 | 24.39 | 33.6891 | 73.2563657 | 24.36 | 33.7525 |
| 72.7282407 | 24.57 | 33.6341 | 72.9924769 | 24.39 | 33.7331 | 73.256713 | 24.36 | 33.7525 |
| 72.728588 | 24.57 | 33.624 | 72.9928241 | 24.39 | 33.6958 | 73.2570602 | 24.36 | 33.7525 |
| 72.7289352 | 24.57 | 33.6038 | 72.9931713 | 24.39 | 33.706 | 73.2574074 | 24.38 | 33.7622 |
| 72.7292824 | 24.57 | 33.6307 | 72.9935185 | 24.39 | 33.706 | 73.2577546 | 24.36 | 33.7457 |
| 72.7296296 | 24.57 | 33.6105 | 72.9938657 | 24.39 | 33.7161 | 73.2581019 | 24.36 | 33.7423 |
| 72.7299769 | 24.57 | 33.6139 | 72.994213 | 24.39 | 33.6958 | 73.2584491 | 24.36 | 33.7423 |
| 72.7303241 | 24.57 | 33.6071 | 72.9945602 | 24.39 | 33.6958 | 73.2587963 | 24.36 | 33.7626 |
| 72.7306713 | 24.57 | 33.6139 | 72.9949074 | 24.39 | 33.7161 | 73.2591435 | 24.36 | 33.7593 |
| 72.7310185 | 24.57 | 33.5937 | 72.9952546 | 24.39 | 33.7161 | 73.2594907 | 24.36 | 33.7626 |
| 72.7313657 | 24.57 | 33.6206 | 72.9956019 | 24.39 | 33.7331 | 73.259838 | 24.36 | 33.7253 |
| 72.731713 | 24.57 | 33.6206 | 72.9959491 | 24.39 | 33.7229 | 73.2601852 | 24.36 | 33.7525 |
| 72.7320602 | 24.57 | 33.6409 | 72.9962963 | 24.39 | 33.7161 | 73.2605324 | 24.36 | 33.7626 |
| 72.7324074 | 24.57 | 33.6409 | 72.9966435 | 24.39 | 33.6958 | 73.2608796 | 24.38 | 33.7248 |
| 72.7327546 | 24.57 | 33.6206 | 72.9969907 | 24.39 | 33.706 | 73.2612269 | 24.36 | 33.7355 |
| 72.7331019 | 24.57 | 33.6578 | 72.997338 | 24.39 | 33.6958 | 73.2615741 | 24.36 | 33.7559 |
| 72.7334491 | 24.57 | 33.6409 | 72.9976852 | 24.38 | 33.7384 | 73.2619213 | 24.36 | 33.7355 |
| 72.7337963 | 24.55 | 33.6515 | 72.9980324 | 24.38 | 33.7147 | 73.2622685 | 24.38 | 33.7622 |
| 72.7341435 | 24.55 | 33.6312 | 72.9983796 | 24.38 | 33.7384 | 73.2626157 | 24.38 | 33.7418 |
| 72.7344907 | 24.57 | 33.6038 | 72.9987269 | 24.39 | 33.7229 | 73.262963 | 24.36 | 33.7355 |
| 72.734838 | 24.57 | 33.6307 | 72.9990741 | 24.38 | 33.7113 | 73.2633102 | 24.36 | 33.7423 |
| 72.7351852 | 24.57 | 33.6206 | 72.9994213 | 24.39 | 33.7127 | 73.2636574 | 24.36 | 33.7525 |
| 72.7355324 | 24.57 | 33.6206 | 72.9997685 | 24.39 | 33.7229 | 73.2640046 | 24.36 | 33.7559 |
| 72.7358796 | 24.57 | 33.6307 | 73.0001157 | 24.38 | 33.7384 | 73.2643519 | 24.36 | 33.7355 |
| 72.7362269 | 24.57 | 33.6476 | 73.000463 | 24.39 | 33.706 | 73.2646991 | 24.36 | 33.7626 |
| 72.7365741 | 24.55 | 33.6143 | 73.0008102 | 24.39 | 33.6958 | 73.2650463 | 24.36 | 33.7423 |
| 72.7369213 | 24.57 | 33.6409 | 73.0011574 | 24.39 | 33.706 | 73.2653935 | 24.36 | 33.7355 |
| 72.7372685 | 24.57 | 33.6307 | 73.0015046 | 24.38 | 33.7384 | 73.2657407 | 24.36 | 33.7525 |
| 72.7376157 | 24.57 | 33.6476 | 73.0018519 | 24.39 | 33.7331 | 73.266088 | 24.36 | 33.7355 |
| 72.737963 | 24.57 | 33.6105 | 73.0021991 | 24.39 | 33.706 | 73.2664352 | 24.36 | 33.7355 |
| 72.7383102 | 24.57 | 33.6105 | 73.0025463 | 24.38 | 33.7282 | 73.2667824 | 24.36 | 33.7559 |
| 72.7386574 | 24.57 | 33.6139 | 73.0028935 | 24.38 | 33.7181 | 73.2671296 | 24.36 | 33.7423 |
| 72.7390046 | 24.57 | 33.6105 | 73.0032407 | 24.39 | 33.7161 | 73.2674769 | 24.36 | 33.7525 |
| 72.7393519 | 24.57 | 33.6307 | 73.003588 | 24.38 | 33.7384 | 73.2678241 | 24.36 | 33.7525 |
| 72.7396991 | 24.57 | 33.6038 | 73.0039352 | 24.39 | 33.6789 | 73.2681713 | 24.36 | 33.7423 |
| 72.7400463 | 24.57 | 33.6139 | 73.0042824 | 24.38 | 33.7384 | 73.2685185 | 24.36 | 33.7423 |
| 72.7403935 | 24.57 | 33.6139 | 73.0046296 | 24.38 | 33.7012 | 73.2688657 | 24.38 | 33.7622 |
| 72.7407407 | 24.57 | 33.624 | 73.0049769 | 24.39 | 33.7331 | 73.269213 | 24.36 | 33.7525 |
| 72.741088 | 24.57 | 33.5937 | 73.0053241 | 24.38 | 33.7384 | 73.2695602 | 24.36 | 33.7253 |
| 72.7414352 | 24.57 | 33.6307 | 73.0056713 | 24.38 | 33.7215 | 73.2699074 | 24.38 | 33.7215 |
| 72.7417824 | 24.55 | 33.6413 | 73.0060185 | 24.38 | 33.7282 | 73.2702546 | 24.38 | 33.7316 |
| 72.7421296 | 24.55 | 33.6413 | 73.0063657 | 24.39 | 33.706 | 73.2706019 | 24.36 | 33.7626 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.7424769 | 24.57 | 33.6307 | 73.006713 | 24.38 | 33.7113 | 73.2709491 | 24.36 | 33.7253 |
| 72.7428241 | 24.55 | 33.6211 | 73.0070602 | 24.38 | 33.7282 | 73.2712963 | 24.36 | 33.7355 |
| 72.7431713 | 24.55 | 33.6413 | 73.0074074 | 24.38 | 33.7181 | 73.2716435 | 24.36 | 33.7525 |
| 72.7435185 | 24.55 | 33.6481 | 73.0077546 | 24.38 | 33.7282 | 73.2719907 | 24.36 | 33.7355 |
| 72.7438657 | 24.55 | 33.6751 | 73.0081019 | 24.38 | 33.7113 | 73.272338 | 24.36 | 33.7321 |
| 72.744213 | 24.55 | 33.6413 | 73.0084491 | 24.38 | 33.7215 | 73.2726852 | 24.36 | 33.7457 |
| 72.7445602 | 24.55 | 33.6582 | 73.0087963 | 24.39 | 33.7229 | 73.2730324 | 24.36 | 33.7423 |
| 72.7449074 | 24.55 | 33.6515 | 73.0091435 | 24.39 | 33.706 | 73.2733796 | 24.36 | 33.7626 |
| 72.7452546 | 24.54 | 33.6466 | 73.0094907 | 24.38 | 33.7282 | 73.2737269 | 24.36 | 33.7321 |
| 72.7456019 | 24.55 | 33.6413 | 73.009838 | 24.38 | 33.7012 | 73.2740741 | 24.36 | 33.7355 |
| 72.7459491 | 24.54 | 33.6635 | 73.0101852 | 24.39 | 33.706 | 73.2744213 | 24.38 | 33.752 |
| 72.7462963 | 24.54 | 33.6635 | 73.0105324 | 24.38 | 33.7282 | 73.2747685 | 24.38 | 33.7316 |
| 72.7466435 | 24.54 | 33.6534 | 73.0108796 | 24.39 | 33.7161 | 73.2751157 | 24.36 | 33.7423 |
| 72.7469907 | 24.54 | 33.6466 | 73.0112269 | 24.39 | 33.7331 | 73.275463 | 24.38 | 33.7418 |
| 72.747338 | 24.54 | 33.6365 | 73.0115741 | 24.38 | 33.7282 | 73.2758102 | 24.36 | 33.7525 |
| 72.7476852 | 24.54 | 33.6365 | 73.0119213 | 24.39 | 33.7161 | 73.2761574 | 24.38 | 33.7248 |
| 72.7480324 | 24.54 | 33.6534 | 73.0122685 | 24.39 | 33.7127 | 73.2765046 | 24.38 | 33.7418 |
| 72.7483796 | 24.54 | 33.6466 | 73.0126157 | 24.39 | 33.6857 | 73.2768519 | 24.36 | 33.7355 |
| 72.7487269 | 24.54 | 33.6466 | 73.012963 | 24.39 | 33.706 | 73.2771991 | 24.36 | 33.7423 |
| 72.7490741 | 24.54 | 33.6466 | 73.0133102 | 24.39 | 33.706 | 73.2775463 | 24.36 | 33.7694 |
| 72.7494213 | 24.54 | 33.6466 | 73.0136574 | 24.39 | 33.7127 | 73.2778935 | 24.38 | 33.7418 |
| 72.7497685 | 24.54 | 33.6635 | 73.0140046 | 24.39 | 33.7229 | 73.2782407 | 24.38 | 33.7248 |
| 72.7501157 | 24.55 | 33.6582 | 73.0143519 | 24.39 | 33.7127 | 73.278588 | 24.36 | 33.7355 |
| 72.750463 | 24.54 | 33.6432 | 73.0146991 | 24.39 | 33.6958 | 73.2789352 | 24.38 | 33.7418 |
| 72.7508102 | 24.55 | 33.6413 | 73.0150463 | 24.39 | 33.7229 | 73.2792824 | 24.38 | 33.7418 |
| 72.7511574 | 24.54 | 33.6669 | 73.0153935 | 24.39 | 33.7127 | 73.2796296 | 24.38 | 33.7418 |
| 72.7515046 | 24.54 | 33.6635 | 73.0157407 | 24.39 | 33.7127 | 73.2799769 | 24.38 | 33.7215 |
| 72.7518519 | 24.54 | 33.6534 | 73.016088 | 24.38 | 33.7113 | 73.2803241 | 24.38 | 33.7588 |
| 72.7521991 | 24.54 | 33.6534 | 73.0164352 | 24.38 | 33.7181 | 73.2806713 | 24.36 | 33.7423 |
| 72.7525463 | 24.54 | 33.6534 | 73.0167824 | 24.39 | 33.6958 | 73.2810185 | 24.38 | 33.7215 |
| 72.7528935 | 24.54 | 33.6804 | 73.0171296 | 24.39 | 33.7127 | 73.2813657 | 24.36 | 33.7525 |
| 72.7532407 | 24.54 | 33.6534 | 73.0174769 | 24.39 | 33.706 | 73.281713 | 24.38 | 33.7248 |
| 72.753588 | 24.54 | 33.6466 | 73.0178241 | 24.39 | 33.7127 | 73.2820602 | 24.36 | 33.7525 |
| 72.7539352 | 24.52 | 33.6741 | 73.0181713 | 24.38 | 33.7181 | 73.2824074 | 24.36 | 33.7694 |
| 72.7542824 | 24.54 | 33.6331 | 73.0185185 | 24.38 | 33.7181 | 73.2827546 | 24.36 | 33.7321 |
| 72.7546296 | 24.54 | 33.6737 | 73.0188657 | 24.38 | 33.7181 | 73.2831019 | 24.36 | 33.7355 |
| 72.7549769 | 24.54 | 33.6703 | 73.019213 | 24.39 | 33.706 | 73.2834491 | 24.36 | 33.7694 |
| 72.7553241 | 24.52 | 33.664 | 73.0195602 | 24.39 | 33.7127 | 73.2837963 | 24.38 | 33.7147 |
| 72.7556713 | 24.54 | 33.6737 | 73.0199074 | 24.39 | 33.6958 | 73.2841435 | 24.36 | 33.7321 |
| 72.7560185 | 24.52 | 33.6741 | 73.0202546 | 24.39 | 33.7127 | 73.2844907 | 24.38 | 33.752 |
| 72.7563657 | 24.52 | 33.6741 | 73.0206019 | 24.39 | 33.7229 | 73.284838 | 24.38 | 33.7588 |
| 72.756713 | 24.52 | 33.6809 | 73.0209491 | 24.39 | 33.706 | 73.2851852 | 24.38 | 33.7248 |
| 72.7570602 | 24.52 | 33.6843 | 73.0212963 | 24.39 | 33.7229 | 73.2855324 | 24.38 | 33.7215 |
| 72.7574074 | 24.52 | 33.6741 | 73.0216435 | 24.39 | 33.7127 | 73.2858796 | 24.38 | 33.7215 |
| 72.7577546 | 24.52 | 33.6707 | 73.0219907 | 24.39 | 33.7161 | 73.2862269 | 24.38 | 33.7418 |
| 72.7581019 | 24.52 | 33.6741 | 73.022338 | 24.39 | 33.6958 | 73.2865741 | 24.38 | 33.7418 |
| 72.7584491 | 24.52 | 33.7012 | 73.0226852 | 24.39 | 33.706 | 73.2869213 | 24.38 | 33.7215 |
| 72.7587963 | 24.51 | 33.6693 | 73.0230324 | 24.39 | 33.706 | 73.2872685 | 24.38 | 33.752 |
| 72.7591435 | 24.52 | 33.6572 | 73.0233796 | 24.39 | 33.7127 | 73.2876157 | 24.38 | 33.7316 |
| 72.7594907 | 24.54 | 33.6432 | 73.0237269 | 24.39 | 33.7127 | 73.287963 | 24.39 | 33.7195 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.759838 | 24.52 | 33.6538 | 73.0240741 | 24.39 | 33.7229 | 73.2883102 | 24.38 | 33.7316 |
| 72.7601852 | 24.52 | 33.664 | 73.0244213 | 24.39 | 33.7229 | 73.2886574 | 24.38 | 33.7316 |
| 72.7605324 | 24.52 | 33.664 | 73.0247685 | 24.39 | 33.7026 | 73.2890046 | 24.38 | 33.7316 |
| 72.7608796 | 24.51 | 33.6862 | 73.0251157 | 24.39 | 33.706 | 73.2893519 | 24.38 | 33.7147 |
| 72.7612269 | 24.5 | 33.6644 | 73.025463 | 24.39 | 33.6958 | 73.2896991 | 24.38 | 33.7418 |
| 72.7615741 | 24.52 | 33.6538 | 73.0258102 | 24.39 | 33.6857 | 73.2900463 | 24.38 | 33.7588 |
| 72.7619213 | 24.54 | 33.5994 | 73.0261574 | 24.38 | 33.7452 | 73.2903935 | 24.38 | 33.752 |
| 72.7622685 | 24.54 | 33.6264 | 73.0265046 | 24.38 | 33.735 | 73.2907407 | 24.38 | 33.7418 |
| 72.7626157 | 24.54 | 33.6466 | 73.0268519 | 24.38 | 33.7384 | 73.291088 | 24.39 | 33.7094 |
| 72.762963 | 24.55 | 33.6312 | 73.0271991 | 24.38 | 33.6978 | 73.2914352 | 24.38 | 33.7147 |
| 72.7633102 | 24.55 | 33.638 | 73.0275463 | 24.38 | 33.7181 | 73.2917824 | 24.38 | 33.7316 |
| 72.7636574 | 24.55 | 33.638 | 73.0278935 | 24.38 | 33.7012 | 73.2921296 | 24.38 | 33.7486 |
| 72.7640046 | 24.55 | 33.6481 | 73.0282407 | 24.38 | 33.7113 | 73.2924769 | 24.39 | 33.7094 |
| 72.7643519 | 24.54 | 33.6432 | 73.028588 | 24.38 | 33.6978 | 73.2928241 | 24.38 | 33.7113 |
| 72.7646991 | 24.54 | 33.6534 | 73.0289352 | 24.39 | 33.7026 | 73.2931713 | 24.39 | 33.7263 |
| 72.7650463 | 24.54 | 33.6601 | 73.0292824 | 24.39 | 33.7195 | 73.2935185 | 24.38 | 33.7486 |
| 72.7653935 | 24.54 | 33.6365 | 73.0296296 | 24.38 | 33.6978 | 73.2938657 | 24.38 | 33.7418 |
| 72.7657407 | 24.54 | 33.6432 | 73.0299769 | 24.38 | 33.7656 | 73.294213 | 24.38 | 33.7316 |
| 72.766088 | 24.54 | 33.6534 | 73.0303241 | 24.38 | 33.7622 | 73.2945602 | 24.38 | 33.7316 |
| 72.7664352 | 24.54 | 33.6601 | 73.0306713 | 24.38 | 33.6978 | 73.2949074 | 24.38 | 33.7215 |
| 72.7667824 | 24.54 | 33.6163 | 73.0310185 | 24.38 | 33.691 | 73.2952546 | 24.38 | 33.7215 |
| 72.7671296 | 24.54 | 33.6264 | 73.0313657 | 24.39 | 33.7399 | 73.2956019 | 24.38 | 33.769 |
| 72.7674769 | 24.55 | 33.6481 | 73.031713 | 24.39 | 33.7026 | 73.2959491 | 24.38 | 33.7215 |
| 72.7678241 | 24.54 | 33.6163 | 73.0320602 | 24.38 | 33.7012 | 73.2962963 | 24.38 | 33.7147 |
| 72.7681713 | 24.54 | 33.6331 | 73.0324074 | 24.38 | 33.7181 | 73.2966435 | 24.39 | 33.7365 |
| 72.7685185 | 24.54 | 33.6534 | 73.0327546 | 24.38 | 33.735 | 73.2969907 | 24.38 | 33.7147 |
| 72.7688657 | 24.54 | 33.65 | 73.0331019 | 24.38 | 33.7282 | 73.297338 | 24.38 | 33.7316 |
| 72.769213 | 24.55 | 33.6278 | 73.0334491 | 24.38 | 33.7079 | 73.2976852 | 24.38 | 33.7418 |
| 72.7695602 | 24.54 | 33.6331 | 73.0337963 | 24.38 | 33.691 | 73.2980324 | 24.38 | 33.7316 |
| 72.7699074 | 24.54 | 33.6534 | 73.0341435 | 24.38 | 33.7079 | 73.2983796 | 24.38 | 33.7418 |
| 72.7702546 | 24.54 | 33.6432 | 73.0344907 | 24.38 | 33.7248 | 73.2987269 | 24.38 | 33.7418 |
| 72.7706019 | 24.54 | 33.6331 | 73.034838 | 24.38 | 33.6978 | 73.2990741 | 24.38 | 33.7215 |
| 72.7709491 | 24.54 | 33.6534 | 73.0351852 | 24.38 | 33.7384 | 73.2994213 | 24.38 | 33.7316 |
| 72.7712963 | 24.54 | 33.6399 | 73.0355324 | 24.38 | 33.7181 | 73.2997685 | 24.38 | 33.7418 |
| 72.7716435 | 24.54 | 33.65 | 73.0358796 | 24.39 | 33.6756 | 73.3001157 | 24.38 | 33.7215 |
| 72.7719907 | 24.54 | 33.6601 | 73.0362269 | 24.39 | 33.7331 | 73.300463 | 24.38 | 33.7588 |
| 72.772338 | 24.54 | 33.6534 | 73.0365741 | 24.38 | 33.7181 | 73.3008102 | 24.38 | 33.7045 |
| 72.7726852 | 24.54 | 33.6331 | 73.0369213 | 24.38 | 33.7113 | 73.3011574 | 24.38 | 33.7486 |
| 72.7730324 | 24.54 | 33.6703 | 73.0372685 | 24.38 | 33.7282 | 73.3015046 | 24.38 | 33.7316 |
| 72.7733796 | 24.52 | 33.6809 | 73.0376157 | 24.38 | 33.7181 | 73.3018519 | 24.36 | 33.722 |
| 72.7737269 | 24.52 | 33.6437 | 73.037963 | 24.38 | 33.735 | 73.3021991 | 24.38 | 33.7656 |
| 72.7740741 | 24.52 | 33.6809 | 73.0383102 | 24.39 | 33.7127 | 73.3025463 | 24.38 | 33.7215 |
| 72.7744213 | 24.52 | 33.6538 | 73.0386574 | 24.38 | 33.7282 | 73.3028935 | 24.36 | 33.7626 |
| 72.7747685 | 24.52 | 33.6707 | 73.0390046 | 24.38 | 33.7181 | 73.3032407 | 24.38 | 33.7248 |
| 72.7751157 | 24.52 | 33.664 | 73.0393519 | 24.39 | 33.7297 | 73.303588 | 24.38 | 33.7486 |
| 72.775463 | 24.51 | 33.7031 | 73.0396991 | 24.38 | 33.7181 | 73.3039352 | 24.38 | 33.7588 |
| 72.7758102 | 24.5 | 33.6814 | 73.0400463 | 24.38 | 33.735 | 73.3042824 | 24.38 | 33.7316 |
| 72.7761574 | 24.48 | 33.7191 | 73.0403935 | 24.38 | 33.7248 | 73.3046296 | 24.38 | 33.7316 |
| 72.7765046 | 24.5 | 33.6543 | 73.0407407 | 24.38 | 33.7282 | 73.3049769 | 24.38 | 33.7248 |
| 72.7768519 | 24.5 | 33.6983 | 73.041088 | 24.38 | 33.7181 | 73.3053241 | 24.38 | 33.7316 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.7771991 | 24.5 | 33.7017 | 73.0414352 | 24.38 | 33.7113 | 73.3056713 | 24.38 | 33.7045 |
| 72.7775463 | 24.48 | 33.7123 | 73.0417824 | 24.38 | 33.7248 | 73.3060185 | 24.38 | 33.7215 |
| 72.7778935 | 24.5 | 33.6814 | 73.0421296 | 24.38 | 33.735 | 73.3063657 | 24.38 | 33.7045 |
| 72.7782407 | 24.5 | 33.6983 | 73.0424769 | 24.38 | 33.7248 | 73.306713 | 24.38 | 33.7045 |
| 72.778588 | 24.5 | 33.6644 | 73.0428241 | 24.39 | 33.7127 | 73.3070602 | 24.38 | 33.7554 |
| 72.7789352 | 24.5 | 33.6746 | 73.0431713 | 24.39 | 33.7195 | 73.3074074 | 24.38 | 33.7486 |
| 72.7792824 | 24.5 | 33.6814 | 73.0435185 | 24.39 | 33.7195 | 73.3077546 | 24.38 | 33.7215 |
| 72.7796296 | 24.5 | 33.6983 | 73.0438657 | 24.38 | 33.7181 | 73.3081019 | 24.38 | 33.7316 |
| 72.7799769 | 24.5 | 33.7085 | 73.044213 | 24.39 | 33.7399 | 73.3084491 | 24.38 | 33.7486 |
| 72.7803241 | 24.5 | 33.6712 | 73.0445602 | 24.39 | 33.6925 | 73.3087963 | 24.38 | 33.7316 |
| 72.7806713 | 24.5 | 33.6915 | 73.0449074 | 24.38 | 33.735 | 73.3091435 | 24.38 | 33.7282 |
| 72.7810185 | 24.5 | 33.6814 | 73.0452546 | 24.38 | 33.7181 | 73.3094907 | 24.38 | 33.7215 |
| 72.7813657 | 24.5 | 33.6983 | 73.0456019 | 24.38 | 33.7079 | 73.309838 | 24.38 | 33.7316 |
| 72.781713 | 24.5 | 33.6611 | 73.0459491 | 24.38 | 33.735 | 73.3101852 | 24.38 | 33.769 |
| 72.7820602 | 24.47 | 33.7346 | 73.0462963 | 24.38 | 33.7248 | 73.3105324 | 24.38 | 33.7215 |
| 72.7824074 | 24.44 | 33.7676 | 73.0466435 | 24.38 | 33.7248 | 73.3108796 | 24.38 | 33.7316 |
| 72.7827546 | 24.41 | 33.8143 | 73.0469907 | 24.39 | 33.7195 | 73.3112269 | 24.38 | 33.7316 |
| 72.7831019 | 24.41 | 33.8006 | 73.047338 | 24.38 | 33.735 | 73.3115741 | 24.38 | 33.7588 |
| 72.7834491 | 24.41 | 33.8211 | 73.0476852 | 24.39 | 33.7127 | 73.3119213 | 24.38 | 33.7418 |
| 72.7837963 | 24.42 | 33.7782 | 73.0480324 | 24.38 | 33.735 | 73.3122685 | 24.38 | 33.7316 |
| 72.7841435 | 24.42 | 33.7782 | 73.0483796 | 24.39 | 33.7399 | 73.3126157 | 24.38 | 33.7316 |
| 72.7844907 | 24.42 | 33.7987 | 73.0487269 | 24.38 | 33.7248 | 73.312963 | 24.36 | 33.7694 |
| 72.784838 | 24.41 | 33.7938 | 73.0490741 | 24.38 | 33.7147 | 73.3133102 | 24.38 | 33.7316 |
| 72.7851852 | 24.36 | 33.865 | 73.0494213 | 24.39 | 33.7195 | 73.3136574 | 24.36 | 33.7389 |
| 72.7855324 | 24.32 | 33.9036 | 73.0497685 | 24.38 | 33.6978 | 73.3140046 | 24.38 | 33.7486 |
| 72.7858796 | 24.34 | 33.8928 | 73.0501157 | 24.39 | 33.7026 | 73.3143519 | 24.38 | 33.7215 |
| 72.7862269 | 24.32 | 33.9242 | 73.050463 | 24.39 | 33.7026 | 73.3146991 | 24.38 | 33.7384 |
| 72.7865741 | 24.32 | 33.9139 | 73.0508102 | 24.39 | 33.6857 | 73.3150463 | 24.38 | 33.7656 |
| 72.7869213 | 24.32 | 33.9242 | 73.0511574 | 24.38 | 33.7079 | 73.3153935 | 24.38 | 33.7554 |
| 72.7872685 | 24.32 | 33.907 | 73.0515046 | 24.38 | 33.7248 | 73.3157407 | 24.38 | 33.769 |
| 72.7876157 | 24.34 | 33.8791 | 73.0518519 | 24.39 | 33.7127 | 73.316088 | 24.38 | 33.7418 |
| 72.787963 | 24.32 | 33.907 | 73.0521991 | 24.39 | 33.7297 | 73.3164352 | 24.38 | 33.7316 |
| 72.7883102 | 24.32 | 33.9173 | 73.0525463 | 24.38 | 33.735 | 73.3167824 | 24.38 | 33.7215 |
| 72.7886574 | 24.32 | 33.8967 | 73.0528935 | 24.38 | 33.7418 | 73.3171296 | 24.36 | 33.7423 |
| 72.7890046 | 24.31 | 33.8747 | 73.0532407 | 24.38 | 33.7181 | 73.3174769 | 24.38 | 33.7316 |
| 72.7893519 | 24.32 | 33.9036 | 73.053588 | 24.38 | 33.7248 | 73.3178241 | 24.38 | 33.7147 |
| 72.7896991 | 24.32 | 33.9173 | 73.0539352 | 24.38 | 33.7147 | 73.3181713 | 24.38 | 33.7282 |
| 72.7900463 | 24.32 | 33.9448 | 73.0542824 | 24.38 | 33.7248 | 73.3185185 | 24.38 | 33.7486 |
| 72.7903935 | 24.32 | 33.9173 | 73.0546296 | 24.39 | 33.7127 | 73.3188657 | 24.38 | 33.7282 |
| 72.7907407 | 24.32 | 33.907 | 73.0549769 | 24.38 | 33.7147 | 73.319213 | 24.38 | 33.7418 |
| 72.791088 | 24.32 | 33.907 | 73.0553241 | 24.38 | 33.7248 | 73.3195602 | 24.38 | 33.7316 |
| 72.7914352 | 24.34 | 33.8962 | 73.0556713 | 24.38 | 33.6978 | 73.3199074 | 24.38 | 33.7384 |
| 72.7917824 | 24.32 | 33.9242 | 73.0560185 | 24.38 | 33.7181 | 73.3202546 | 24.38 | 33.7384 |
| 72.7921296 | 24.32 | 33.8967 | 73.0563657 | 24.39 | 33.7365 | 73.3206019 | 24.38 | 33.7316 |
| 72.7924769 | 24.32 | 33.9173 | 73.056713 | 24.39 | 33.7195 | 73.3209491 | 24.36 | 33.7321 |
| 72.7928241 | 24.32 | 33.9036 | 73.0570602 | 24.38 | 33.7316 | 73.3212963 | 24.36 | 33.7491 |
| 72.7931713 | 24.32 | 33.8796 | 73.0574074 | 24.38 | 33.7147 | 73.3216435 | 24.38 | 33.7384 |
| 72.7935185 | 24.32 | 33.9242 | 73.0577546 | 24.38 | 33.7181 | 73.3219907 | 24.38 | 33.7486 |
| 72.7938657 | 24.32 | 33.9242 | 73.0581019 | 24.38 | 33.7181 | 73.322338 | 24.38 | 33.769 |
| 72.794213 | 24.32 | 33.907 | 73.0584491 | 24.39 | 33.7127 | 73.3226852 | 24.38 | 33.7384 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.7945602 | 24.32 | 33.8967 | 73.0587963 | 24.38 | 33.7248 | 73.3230324 | 24.38 | 33.7486 |
| 72.7949074 | 24.32 | 33.907 | 73.0591435 | 24.38 | 33.7248 | 73.3233796 | 24.38 | 33.7282 |
| 72.7952546 | 24.32 | 33.9036 | 73.0594907 | 24.38 | 33.7181 | 73.3237269 | 24.36 | 33.7152 |
| 72.7956019 | 24.31 | 33.9227 | 73.059838 | 24.38 | 33.7181 | 73.3240741 | 24.36 | 33.7423 |
| 72.7959491 | 24.31 | 33.9295 | 73.0601852 | 24.38 | 33.7147 | 73.3244213 | 24.38 | 33.7384 |
| 72.7962963 | 24.31 | 33.9295 | 73.0605324 | 24.38 | 33.735 | 73.3247685 | 24.38 | 33.7282 |
| 72.7966435 | 24.31 | 33.9227 | 73.0608796 | 24.38 | 33.735 | 73.3251157 | 24.38 | 33.7316 |
| 72.7969907 | 24.31 | 33.9192 | 73.0612269 | 24.38 | 33.735 | 73.325463 | 24.38 | 33.7282 |
| 72.797338 | 24.31 | 33.9021 | 73.0615741 | 24.38 | 33.735 | 73.3258102 | 24.38 | 33.7316 |
| 72.7976852 | 24.31 | 33.9227 | 73.0619213 | 24.38 | 33.7147 | 73.3261574 | 24.38 | 33.7418 |
| 72.7980324 | 24.32 | 33.8898 | 73.0622685 | 24.38 | 33.7181 | 73.3265046 | 24.38 | 33.7758 |
| 72.7983796 | 24.32 | 33.9173 | 73.0626157 | 24.38 | 33.7079 | 73.3268519 | 24.38 | 33.6944 |
| 72.7987269 | 24.32 | 33.8796 | 73.062963 | 24.38 | 33.7181 | 73.3271991 | 24.38 | 33.7384 |
| 72.7990741 | 24.32 | 33.9345 | 73.0633102 | 24.38 | 33.752 | 73.3275463 | 24.38 | 33.7282 |
| 72.7994213 | 24.32 | 33.9173 | 73.0636574 | 24.38 | 33.7248 | 73.3278935 | 24.38 | 33.7486 |
| 72.7997685 | 24.31 | 33.933 | 73.0640046 | 24.38 | 33.7181 | 73.3282407 | 24.38 | 33.7316 |
| 72.8001157 | 24.31 | 33.9399 | 73.0643519 | 24.38 | 33.7181 | 73.328588 | 24.38 | 33.7316 |
| 72.800463 | 24.31 | 33.9227 | 73.0646991 | 24.38 | 33.7147 | 73.3289352 | 24.38 | 33.7316 |
| 72.8008102 | 24.31 | 33.9295 | 73.0650463 | 24.38 | 33.7181 | 73.3292824 | 24.38 | 33.7588 |
| 72.8011574 | 24.31 | 33.9192 | 73.0653935 | 24.38 | 33.7248 | 73.3296296 | 24.38 | 33.7486 |
| 72.8015046 | 24.31 | 33.9192 | 73.0657407 | 24.38 | 33.7248 | 73.3299769 | 24.38 | 33.7384 |
| 72.8018519 | 24.31 | 33.9227 | 73.066088 | 24.38 | 33.7588 | 73.3303241 | 24.38 | 33.7418 |
| 72.8021991 | 24.31 | 33.9089 | 73.0664352 | 24.38 | 33.7079 | 73.3306713 | 24.38 | 33.7282 |
| 72.8025463 | 24.31 | 33.9192 | 73.0667824 | 24.38 | 33.7452 | 73.3310185 | 24.38 | 33.7282 |
| 72.8028935 | 24.31 | 33.9295 | 73.0671296 | 24.38 | 33.7452 | 73.3313657 | 24.38 | 33.7215 |
| 72.8032407 | 24.31 | 33.9124 | 73.0674769 | 24.38 | 33.7724 | 73.331713 | 24.38 | 33.7282 |
| 72.803588 | 24.31 | 33.9021 | 73.0678241 | 24.38 | 33.7418 | 73.3320602 | 24.38 | 33.7384 |
| 72.8039352 | 24.31 | 33.9295 | 73.0681713 | 24.38 | 33.7418 | 73.3324074 | 24.38 | 33.7384 |
| 72.8042824 | 24.31 | 33.9124 | 73.0685185 | 24.38 | 33.7248 | 73.3327546 | 24.38 | 33.7486 |
| 72.8046296 | 24.31 | 33.9295 | 73.0688657 | 24.38 | 33.7418 | 73.3331019 | 24.38 | 33.7282 |
| 72.8049769 | 24.31 | 33.9124 | 73.069213 | 24.38 | 33.7418 | 73.3334491 | 24.38 | 33.7418 |
| 72.8053241 | 24.31 | 33.9467 | 73.0695602 | 24.38 | 33.7248 | 73.3337963 | 24.38 | 33.7316 |
| 72.8056713 | 24.31 | 33.9089 | 73.0699074 | 24.38 | 33.752 | 73.3341435 | 24.38 | 33.7282 |
| 72.8060185 | 24.31 | 33.9295 | 73.0702546 | 24.38 | 33.7452 | 73.3344907 | 24.38 | 33.7113 |
| 72.8063657 | 24.31 | 33.9192 | 73.0706019 | 24.38 | 33.752 | 73.334838 | 24.38 | 33.7316 |
| 72.806713 | 24.32 | 33.8898 | 73.0709491 | 24.36 | 33.7525 | 73.3351852 | 24.38 | 33.7282 |
| 72.8070602 | 24.31 | 33.9227 | 73.0712963 | 24.38 | 33.735 | 73.3355324 | 24.38 | 33.7215 |
| 72.8074074 | 24.31 | 33.9399 | 73.0716435 | 24.38 | 33.7147 | 73.3358796 | 24.38 | 33.7384 |
| 72.8077546 | 24.31 | 33.9467 | 73.0719907 | 24.38 | 33.7181 | 73.3362269 | 24.38 | 33.7384 |
| 72.8081019 | 24.31 | 33.9192 | 73.072338 | 24.38 | 33.7248 | 73.3365741 | 24.38 | 33.7486 |
| 72.8084491 | 24.31 | 33.9089 | 73.0726852 | 24.38 | 33.7316 | 73.3369213 | 24.38 | 33.7282 |
| 72.8087963 | 24.31 | 33.9399 | 73.0730324 | 24.38 | 33.7248 | 73.3372685 | 24.38 | 33.7215 |
| 72.8091435 | 24.31 | 33.9192 | 73.0733796 | 24.38 | 33.7248 | 73.3376157 | 24.39 | 33.75 |
| 72.8094907 | 24.31 | 33.8815 | 73.0737269 | 24.38 | 33.7248 | 73.337963 | 24.38 | 33.7384 |
| 72.809838 | 24.31 | 33.9295 | 73.0740741 | 24.38 | 33.735 | 73.3383102 | 24.39 | 33.7229 |
| 72.8101852 | 24.31 | 33.9124 | 73.0744213 | 24.38 | 33.752 | 73.3386574 | 24.38 | 33.7012 |
| 72.8105324 | 24.31 | 33.9399 | 73.0747685 | 24.38 | 33.7316 | 73.3390046 | 24.38 | 33.7215 |
| 72.8108796 | 24.31 | 33.9021 | 73.0751157 | 24.38 | 33.735 | 73.3393519 | 24.38 | 33.7554 |
| 72.8112269 | 24.31 | 33.9089 | 73.075463 | 24.38 | 33.7418 | 73.3396991 | 24.38 | 33.7215 |
| 72.8115741 | 24.31 | 33.8918 | 73.0758102 | 24.38 | 33.7045 | 73.3400463 | 24.38 | 33.7316 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8119213 | 24.31 | 33.8918 | 73.0761574 | 24.38 | 33.752 | 73.3403935 | 24.38 | 33.7215 |
| 72.8122685 | 24.31 | 33.9192 | 73.0765046 | 24.38 | 33.7418 | 73.3407407 | 24.38 | 33.7384 |
| 72.8126157 | 24.31 | 33.8918 | 73.0768519 | 24.39 | 33.6992 | 73.341088 | 24.38 | 33.7384 |
| 72.812963 | 24.31 | 33.9227 | 73.0771991 | 24.38 | 33.7147 | 73.3414352 | 24.38 | 33.7282 |
| 72.8133102 | 24.31 | 33.9192 | 73.0775463 | 24.39 | 33.7094 | 73.3417824 | 24.38 | 33.7215 |
| 72.8136574 | 24.31 | 33.9364 | 73.0778935 | 24.38 | 33.7147 | 73.3421296 | 24.38 | 33.7113 |
| 72.8140046 | 24.31 | 33.9192 | 73.0782407 | 24.38 | 33.7316 | 73.3424769 | 24.38 | 33.7012 |
| 72.8143519 | 24.31 | 33.9399 | 73.078588 | 24.38 | 33.7248 | 73.3428241 | 24.38 | 33.7282 |
| 72.8146991 | 24.31 | 33.9295 | 73.0789352 | 24.38 | 33.7316 | 73.3431713 | 24.38 | 33.7012 |
| 72.8150463 | 24.31 | 33.9295 | 73.0792824 | 24.38 | 33.7248 | 73.3435185 | 24.38 | 33.7012 |
| 72.8153935 | 24.31 | 33.9192 | 73.0796296 | 24.38 | 33.7316 | 73.3438657 | 24.41 | 33.7123 |
| 72.8157407 | 24.31 | 33.9192 | 73.0799769 | 24.38 | 33.7316 | 73.344213 | 24.32 | 33.6925 |

DPS7-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.6075463 | 25.76 | 33.5789 | 72.6738657 | 24.68 | 33.729 | 72.7401852 | 24.67 | 33.7001 |
| 72.6078935 | 25.97 | 33.4157 | 72.674213 | 24.68 | 33.7436 | 72.7405324 | 24.67 | 33.7001 |
| 72.6082407 | 25.97 | 33.336 | 72.6745602 | 24.68 | 33.7242 | 72.7408796 | 24.68 | 33.6902 |
| 72.608588 | 25.44 | 33.5084 | 72.6749074 | 24.68 | 33.695 | 72.7412269 | 24.67 | 33.6929 |
| 72.6089352 | 25.28 | 33.5841 | 72.6752546 | 24.68 | 33.7217 | 72.7415741 | 24.67 | 33.7147 |
| 72.6092824 | 25.16 | 33.5914 | 72.6756019 | 24.68 | 33.7217 | 72.7419213 | 24.67 | 33.688 |
| 72.6096296 | 25.12 | 33.6068 | 72.6759491 | 24.68 | 33.7072 | 72.7422685 | 24.68 | 33.6829 |
| 72.6099769 | 24.96 | 33.6735 | 72.6762963 | 24.68 | 33.7072 | 72.7426157 | 24.68 | 33.6829 |
| 72.6103241 | 24.99 | 33.6558 | 72.6766435 | 24.68 | 33.7072 | 72.742963 | 24.68 | 33.6877 |
| 72.6106713 | 24.95 | 33.6495 | 72.6769907 | 24.68 | 33.7144 | 72.7433102 | 24.67 | 33.7001 |
| 72.6110185 | 24.87 | 33.6975 | 72.677338 | 24.68 | 33.7217 | 72.7436574 | 24.67 | 33.7001 |
| 72.6113657 | 24.84 | 33.7128 | 72.6776852 | 24.68 | 33.7096 | 72.7440046 | 24.67 | 33.688 |
| 72.611713 | 24.76 | 33.7172 | 72.6780324 | 24.68 | 33.7217 | 72.7443519 | 24.68 | 33.6756 |
| 72.6120602 | 24.78 | 33.7338 | 72.6783796 | 24.7 | 33.6993 | 72.7446991 | 24.68 | 33.695 |
| 72.6124074 | 24.79 | 33.7068 | 72.6787269 | 24.71 | 33.6869 | 72.7450463 | 24.67 | 33.6807 |
| 72.6127546 | 24.76 | 33.7172 | 72.6790741 | 24.7 | 33.6727 | 72.7453935 | 24.67 | 33.688 |
| 72.6131019 | 24.75 | 33.7248 | 72.6794213 | 24.71 | 33.6797 | 72.7457407 | 24.67 | 33.7001 |
| 72.6134491 | 24.74 | 33.7178 | 72.6797685 | 24.71 | 33.6748 | 72.746088 | 24.67 | 33.6953 |
| 72.6137963 | 24.74 | 33.7056 | 72.6801157 | 24.71 | 33.6918 | 72.7464352 | 24.67 | 33.7074 |
| 72.6141435 | 24.74 | 33.7275 | 72.680463 | 24.71 | 33.6724 | 72.7467824 | 24.67 | 33.6856 |
| 72.6144907 | 24.74 | 33.7153 | 72.6808102 | 24.71 | 33.6797 | 72.7471296 | 24.67 | 33.6929 |
| 72.614838 | 24.72 | 33.7134 | 72.6811574 | 24.7 | 33.6993 | 72.7474769 | 24.66 | 33.7247 |
| 72.6151852 | 24.74 | 33.7226 | 72.6815046 | 24.71 | 33.6869 | 72.7478241 | 24.67 | 33.7269 |
| 72.6155324 | 24.75 | 33.7199 | 72.6818519 | 24.71 | 33.6821 | 72.7481713 | 24.66 | 33.698 |
| 72.6158796 | 24.75 | 33.7126 | 72.6821991 | 24.71 | 33.653 | 72.7485185 | 24.67 | 33.6807 |
| 72.6162269 | 24.72 | 33.7158 | 72.6825463 | 24.71 | 33.6942 | 72.7488657 | 24.66 | 33.698 |
| 72.6165741 | 24.72 | 33.7231 | 72.6828935 | 24.71 | 33.6603 | 72.749213 | 24.66 | 33.698 |
| 72.6169213 | 24.74 | 33.708 | 72.6832407 | 24.71 | 33.6869 | 72.7495602 | 24.66 | 33.6786 |
| 72.6172685 | 24.75 | 33.6908 | 72.683588 | 24.71 | 33.6675 | 72.7499074 | 24.66 | 33.6858 |
| 72.6176157 | 24.75 | 33.6883 | 72.6839352 | 24.71 | 33.6724 | 72.7502546 | 24.67 | 33.6929 |
| 72.617963 | 24.75 | 33.6908 | 72.6842824 | 24.71 | 33.6724 | 72.7506019 | 24.66 | 33.7125 |
| 72.6183102 | 24.74 | 33.7105 | 72.6846296 | 24.71 | 33.6675 | 72.7509491 | 24.66 | 33.6786 |
| 72.6186574 | 24.72 | 33.6988 | 72.6849769 | 24.72 | 33.6552 | 72.7512963 | 24.67 | 33.6807 |
| 72.6190046 | 24.72 | 33.7207 | 72.6853241 | 24.71 | 33.653 | 72.7516435 | 24.67 | 33.688 |
| 72.6193519 | 24.71 | 33.7185 | 72.6856713 | 24.72 | 33.6673 | 72.7519907 | 24.66 | 33.7004 |
| 72.6196991 | 24.7 | 33.7091 | 72.6860185 | 24.71 | 33.6724 | 72.752338 | 24.67 | 33.7123 |
| 72.6200463 | 24.7 | 33.7431 | 72.6863657 | 24.72 | 33.66 | 72.7526852 | 24.67 | 33.6614 |
| 72.6203935 | 24.7 | 33.7431 | 72.686713 | 24.72 | 33.6818 | 72.7530324 | 24.66 | 33.6907 |
| 72.6207407 | 24.68 | 33.7217 | 72.6870602 | 24.72 | 33.6673 | 72.7533796 | 24.66 | 33.6931 |
| 72.621088 | 24.67 | 33.7463 | 72.6874074 | 24.72 | 33.66 | 72.7537269 | 24.66 | 33.7053 |
| 72.6214352 | 24.7 | 33.7236 | 72.6877546 | 24.72 | 33.6552 | 72.7540741 | 24.67 | 33.7001 |
| 72.6217824 | 24.71 | 33.7258 | 72.6881019 | 24.72 | 33.6673 | 72.7544213 | 24.66 | 33.6931 |
| 72.6221296 | 24.71 | 33.7331 | 72.6884491 | 24.72 | 33.6721 | 72.7547685 | 24.66 | 33.7053 |
| 72.6224769 | 24.7 | 33.7188 | 72.6887963 | 24.72 | 33.6552 | 72.7551157 | 24.66 | 33.6907 |
| 72.6228241 | 24.7 | 33.7066 | 72.6891435 | 24.72 | 33.66 | 72.755463 | 24.66 | 33.7101 |
| 72.6231713 | 24.68 | 33.7339 | 72.6894907 | 24.72 | 33.6552 | 72.7558102 | 24.66 | 33.6907 |
| 72.6235185 | 24.68 | 33.729 | 72.689838 | 24.72 | 33.6479 | 72.7561574 | 24.66 | 33.6786 |
| 72.6238657 | 24.66 | 33.7247 | 72.6901852 | 24.72 | 33.6552 | 72.7565046 | 24.66 | 33.7053 |
| 72.624213 | 24.66 | 33.7247 | 72.6905324 | 24.72 | 33.66 | 72.7568519 | 24.66 | 33.7053 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6245602 | 24.64 | 33.7495 | 72.6908796 | 24.72 | 33.6479 | 72.7571991 | 24.64 | 33.7155 |
| 72.6249074 | 24.63 | 33.7522 | 72.6912269 | 24.72 | 33.6552 | 72.7575463 | 24.66 | 33.698 |
| 72.6252546 | 24.63 | 33.7401 | 72.6915741 | 24.72 | 33.6552 | 72.7578935 | 24.66 | 33.7053 |
| 72.6256019 | 24.67 | 33.7463 | 72.6919213 | 24.72 | 33.6867 | 72.7582407 | 24.66 | 33.7174 |
| 72.6259491 | 24.67 | 33.7196 | 72.6922685 | 24.72 | 33.6528 | 72.758588 | 24.64 | 33.6888 |
| 72.6262963 | 24.68 | 33.7266 | 72.6926157 | 24.72 | 33.6673 | 72.7589352 | 24.64 | 33.6961 |
| 72.6266435 | 24.68 | 33.7266 | 72.692963 | 24.72 | 33.6528 | 72.7592824 | 24.64 | 33.7034 |
| 72.6269907 | 24.7 | 33.7236 | 72.6933102 | 24.72 | 33.6746 | 72.7596296 | 24.66 | 33.698 |
| 72.627338 | 24.68 | 33.7266 | 72.6936574 | 24.72 | 33.6794 | 72.7599769 | 24.64 | 33.7155 |
| 72.6276852 | 24.68 | 33.7339 | 72.6940046 | 24.72 | 33.6673 | 72.7603241 | 24.66 | 33.7028 |
| 72.6280324 | 24.68 | 33.7217 | 72.6943519 | 24.72 | 33.6721 | 72.7606713 | 24.64 | 33.6888 |
| 72.6283796 | 24.7 | 33.7163 | 72.6946991 | 24.71 | 33.6845 | 72.7610185 | 24.64 | 33.6961 |
| 72.6287269 | 24.68 | 33.7193 | 72.6950463 | 24.72 | 33.6794 | 72.7613657 | 24.64 | 33.6888 |
| 72.6290741 | 24.68 | 33.7144 | 72.6953935 | 24.72 | 33.6673 | 72.761713 | 24.64 | 33.7155 |
| 72.6294213 | 24.68 | 33.7339 | 72.6957407 | 24.72 | 33.6746 | 72.7620602 | 24.64 | 33.7082 |
| 72.6297685 | 24.67 | 33.7244 | 72.696088 | 24.72 | 33.6673 | 72.7624074 | 24.64 | 33.7204 |
| 72.6301157 | 24.67 | 33.7244 | 72.6964352 | 24.72 | 33.6479 | 72.7627546 | 24.64 | 33.7301 |
| 72.630463 | 24.68 | 33.7193 | 72.6967824 | 24.72 | 33.6988 | 72.7631019 | 24.64 | 33.6961 |
| 72.6308102 | 24.66 | 33.7369 | 72.6971296 | 24.71 | 33.6845 | 72.7634491 | 24.64 | 33.7082 |
| 72.6311574 | 24.64 | 33.7252 | 72.6974769 | 24.71 | 33.6579 | 72.7637963 | 24.64 | 33.6961 |
| 72.6315046 | 24.64 | 33.7471 | 72.6978241 | 24.71 | 33.6967 | 72.7641435 | 24.64 | 33.6888 |
| 72.6318519 | 24.64 | 33.7204 | 72.6981713 | 24.72 | 33.6794 | 72.7644907 | 24.64 | 33.7082 |
| 72.6321991 | 24.62 | 33.7355 | 72.6985185 | 24.71 | 33.6724 | 72.764838 | 24.64 | 33.7058 |
| 72.6325463 | 24.63 | 33.7255 | 72.6988657 | 24.71 | 33.6724 | 72.7651852 | 24.64 | 33.7155 |
| 72.6328935 | 24.63 | 33.7304 | 72.699213 | 24.71 | 33.6772 | 72.7655324 | 24.64 | 33.7082 |
| 72.6332407 | 24.63 | 33.7376 | 72.6995602 | 24.71 | 33.6797 | 72.7658796 | 24.64 | 33.7228 |
| 72.633588 | 24.62 | 33.7501 | 72.6999074 | 24.71 | 33.6724 | 72.7662269 | 24.64 | 33.7009 |
| 72.6339352 | 24.63 | 33.7449 | 72.7002546 | 24.71 | 33.6845 | 72.7665741 | 24.64 | 33.7009 |
| 72.6342824 | 24.63 | 33.7376 | 72.7006019 | 24.7 | 33.6896 | 72.7669213 | 24.64 | 33.6961 |
| 72.6346296 | 24.62 | 33.7355 | 72.7009491 | 24.71 | 33.6967 | 72.7672685 | 24.64 | 33.7082 |
| 72.6349769 | 24.62 | 33.7282 | 72.7012963 | 24.71 | 33.67 | 72.7676157 | 24.64 | 33.7009 |
| 72.6353241 | 24.62 | 33.7549 | 72.7016435 | 24.7 | 33.6824 | 72.767963 | 24.64 | 33.6937 |
| 72.6356713 | 24.6 | 33.7604 | 72.7019907 | 24.71 | 33.6967 | 72.7683102 | 24.64 | 33.7009 |
| 72.6360185 | 24.62 | 33.7355 | 72.702338 | 24.7 | 33.7018 | 72.7686574 | 24.64 | 33.6937 |
| 72.6363657 | 24.6 | 33.7652 | 72.7026852 | 24.71 | 33.6772 | 72.7690046 | 24.63 | 33.6988 |
| 72.636713 | 24.6 | 33.7652 | 72.7030324 | 24.71 | 33.6772 | 72.7693519 | 24.64 | 33.6961 |
| 72.6370602 | 24.59 | 33.7509 | 72.7033796 | 24.7 | 33.7018 | 72.7696991 | 24.64 | 33.7009 |
| 72.6374074 | 24.6 | 33.7652 | 72.7037269 | 24.7 | 33.6751 | 72.7700463 | 24.64 | 33.7082 |
| 72.6377546 | 24.6 | 33.7725 | 72.7040741 | 24.71 | 33.6894 | 72.7703935 | 24.64 | 33.7155 |
| 72.6381019 | 24.59 | 33.7509 | 72.7044213 | 24.71 | 33.6918 | 72.7707407 | 24.63 | 33.6988 |
| 72.6384491 | 24.59 | 33.7704 | 72.7047685 | 24.7 | 33.6824 | 72.771088 | 24.63 | 33.7182 |
| 72.6387963 | 24.59 | 33.7363 | 72.7051157 | 24.71 | 33.6772 | 72.7714352 | 24.63 | 33.7061 |
| 72.6391435 | 24.59 | 33.7631 | 72.705463 | 24.7 | 33.6678 | 72.7717824 | 24.63 | 33.7182 |
| 72.6394907 | 24.58 | 33.7828 | 72.7058102 | 24.7 | 33.6872 | 72.7721296 | 24.63 | 33.7328 |
| 72.639838 | 24.59 | 33.7436 | 72.7061574 | 24.7 | 33.6775 | 72.7724769 | 24.63 | 33.7182 |
| 72.6401852 | 24.59 | 33.7582 | 72.7065046 | 24.7 | 33.6945 | 72.7728241 | 24.63 | 33.7182 |
| 72.6405324 | 24.59 | 33.7436 | 72.7068519 | 24.7 | 33.6945 | 72.7731713 | 24.64 | 33.6961 |
| 72.6408796 | 24.59 | 33.7631 | 72.7071991 | 24.7 | 33.6824 | 72.7735185 | 24.63 | 33.7182 |
| 72.6412269 | 24.59 | 33.7558 | 72.7075463 | 24.7 | 33.6896 | 72.7738657 | 24.63 | 33.7182 |
| 72.6415741 | 24.6 | 33.7628 | 72.7078935 | 24.7 | 33.6872 | 72.774213 | 24.63 | 33.7133 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6419213 | 24.59 | 33.7679 | 72.7082407 | 24.7 | 33.6824 | 72.7745602 | 24.63 | 33.6794 |
| 72.6422685 | 24.59 | 33.7485 | 72.708588 | 24.7 | 33.6896 | 72.7749074 | 24.63 | 33.7133 |
| 72.6426157 | 24.6 | 33.7579 | 72.7089352 | 24.68 | 33.7047 | 72.7752546 | 24.63 | 33.6988 |
| 72.642963 | 24.59 | 33.7558 | 72.7092824 | 24.7 | 33.6896 | 72.7756019 | 24.63 | 33.7182 |
| 72.6433102 | 24.59 | 33.7558 | 72.7096296 | 24.7 | 33.6824 | 72.7759491 | 24.63 | 33.7133 |
| 72.6436574 | 24.6 | 33.7458 | 72.7099769 | 24.7 | 33.7018 | 72.7762963 | 24.63 | 33.7182 |
| 72.6440046 | 24.6 | 33.7579 | 72.7103241 | 24.68 | 33.6853 | 72.7766435 | 24.63 | 33.7255 |
| 72.6443519 | 24.6 | 33.7579 | 72.7106713 | 24.68 | 33.6926 | 72.7769907 | 24.63 | 33.6988 |
| 72.6446991 | 24.6 | 33.7701 | 72.7110185 | 24.68 | 33.6902 | 72.777338 | 24.63 | 33.6988 |
| 72.6450463 | 24.6 | 33.7628 | 72.7113657 | 24.68 | 33.7047 | 72.7776852 | 24.63 | 33.7109 |
| 72.6453935 | 24.6 | 33.7628 | 72.711713 | 24.68 | 33.6902 | 72.7780324 | 24.63 | 33.7255 |
| 72.6457407 | 24.64 | 33.7495 | 72.7120602 | 24.68 | 33.6974 | 72.7783796 | 24.63 | 33.6867 |
| 72.646088 | 24.6 | 33.7628 | 72.7124074 | 24.68 | 33.6999 | 72.7787269 | 24.63 | 33.7109 |
| 72.6464352 | 24.62 | 33.7671 | 72.7127546 | 24.67 | 33.705 | 72.7790741 | 24.63 | 33.7182 |
| 72.6467824 | 24.62 | 33.7525 | 72.7131019 | 24.68 | 33.6877 | 72.7794213 | 24.63 | 33.7255 |
| 72.6471296 | 24.62 | 33.7525 | 72.7134491 | 24.67 | 33.7026 | 72.7797685 | 24.63 | 33.7061 |
| 72.6474769 | 24.64 | 33.7301 | 72.7137963 | 24.67 | 33.7171 | 72.7801157 | 24.63 | 33.7061 |
| 72.6478241 | 24.63 | 33.7474 | 72.7141435 | 24.67 | 33.7171 | 72.780463 | 24.63 | 33.7061 |
| 72.6481713 | 24.63 | 33.7547 | 72.7144907 | 24.67 | 33.6953 | 72.7808102 | 24.63 | 33.7182 |
| 72.6485185 | 24.63 | 33.7401 | 72.714838 | 24.68 | 33.6853 | 72.7811574 | 24.63 | 33.7109 |
| 72.6488657 | 24.63 | 33.7474 | 72.7151852 | 24.67 | 33.7171 | 72.7815046 | 24.63 | 33.7109 |
| 72.649213 | 24.63 | 33.7547 | 72.7155324 | 24.67 | 33.7026 | 72.7818519 | 24.63 | 33.7206 |
| 72.6495602 | 24.63 | 33.7547 | 72.7158796 | 24.67 | 33.7171 | 72.7821991 | 24.63 | 33.7061 |
| 72.6499074 | 24.63 | 33.7547 | 72.7162269 | 24.67 | 33.7171 | 72.7825463 | 24.63 | 33.7109 |
| 72.6502546 | 24.63 | 33.7328 | 72.7165741 | 24.67 | 33.6977 | 72.7828935 | 24.63 | 33.7304 |
| 72.6506019 | 24.63 | 33.7401 | 72.7169213 | 24.67 | 33.7026 | 72.7832407 | 24.63 | 33.7182 |
| 72.6509491 | 24.63 | 33.7401 | 72.7172685 | 24.67 | 33.7098 | 72.783588 | 24.63 | 33.6988 |
| 72.6512963 | 24.63 | 33.7401 | 72.7176157 | 24.67 | 33.6832 | 72.7839352 | 24.63 | 33.7328 |
| 72.6516435 | 24.63 | 33.7401 | 72.717963 | 24.67 | 33.6832 | 72.7842824 | 24.63 | 33.7182 |
| 72.6519907 | 24.64 | 33.7349 | 72.7183102 | 24.67 | 33.6904 | 72.7846296 | 24.63 | 33.7061 |
| 72.652338 | 24.64 | 33.7277 | 72.7186574 | 24.67 | 33.6953 | 72.7849769 | 24.63 | 33.7255 |
| 72.6526852 | 24.63 | 33.7449 | 72.7190046 | 24.67 | 33.6904 | 72.7853241 | 24.63 | 33.6988 |
| 72.6530324 | 24.63 | 33.7596 | 72.7193519 | 24.67 | 33.7026 | 72.7856713 | 24.63 | 33.7061 |
| 72.6533796 | 24.63 | 33.7328 | 72.7196991 | 24.68 | 33.6974 | 72.7860185 | 24.63 | 33.6988 |
| 72.6537269 | 24.63 | 33.7449 | 72.7200463 | 24.68 | 33.6974 | 72.7863657 | 24.63 | 33.7182 |
| 72.6540741 | 24.63 | 33.7328 | 72.7203935 | 24.68 | 33.6974 | 72.786713 | 24.63 | 33.7109 |
| 72.6544213 | 24.63 | 33.7182 | 72.7207407 | 24.68 | 33.6974 | 72.7870602 | 24.63 | 33.6988 |
| 72.6547685 | 24.64 | 33.7131 | 72.721088 | 24.68 | 33.6974 | 72.7874074 | 24.63 | 33.7061 |
| 72.6551157 | 24.64 | 33.7204 | 72.7214352 | 24.68 | 33.6974 | 72.7877546 | 24.63 | 33.7182 |
| 72.655463 | 24.64 | 33.7349 | 72.7217824 | 24.68 | 33.6853 | 72.7881019 | 24.63 | 33.7304 |
| 72.6558102 | 24.64 | 33.7277 | 72.7221296 | 24.7 | 33.6799 | 72.7884491 | 24.63 | 33.7109 |
| 72.6561574 | 24.64 | 33.7398 | 72.7224769 | 24.7 | 33.6945 | 72.7887963 | 24.63 | 33.7255 |
| 72.6565046 | 24.64 | 33.752 | 72.7228241 | 24.7 | 33.6921 | 72.7891435 | 24.63 | 33.7061 |
| 72.6568519 | 24.64 | 33.7398 | 72.7231713 | 24.7 | 33.6799 | 72.7894907 | 24.64 | 33.7131 |
| 72.6571991 | 24.64 | 33.752 | 72.7235185 | 24.7 | 33.6799 | 72.789838 | 24.63 | 33.7109 |
| 72.6575463 | 24.64 | 33.7325 | 72.7238657 | 24.7 | 33.6678 | 72.7901852 | 24.64 | 33.6985 |
| 72.6578935 | 24.63 | 33.7449 | 72.724213 | 24.7 | 33.6799 | 72.7905324 | 24.63 | 33.7255 |
| 72.6582407 | 24.62 | 33.7379 | 72.7245602 | 24.7 | 33.6872 | 72.7908796 | 24.63 | 33.7182 |
| 72.658588 | 24.62 | 33.7623 | 72.7249074 | 24.7 | 33.6921 | 72.7912269 | 24.63 | 33.7036 |
| 72.6589352 | 24.6 | 33.7531 | 72.7252546 | 24.7 | 33.6945 | 72.7915741 | 24.63 | 33.6988 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6592824 | 24.6 | 33.7798 | 72.7256019 | 24.7 | 33.6799 | 72.7919213 | 24.63 | 33.6988 |
| 72.6596296 | 24.59 | 33.7728 | 72.7259491 | 24.7 | 33.6678 | 72.7922685 | 24.63 | 33.6915 |
| 72.6599769 | 24.59 | 33.7582 | 72.7262963 | 24.7 | 33.6921 | 72.7926157 | 24.63 | 33.7182 |
| 72.6603241 | 24.6 | 33.7531 | 72.7266435 | 24.7 | 33.7066 | 72.792963 | 24.63 | 33.7255 |
| 72.6606713 | 24.62 | 33.7696 | 72.7269907 | 24.7 | 33.6799 | 72.7933102 | 24.62 | 33.7233 |
| 72.6610185 | 24.62 | 33.7574 | 72.727338 | 24.7 | 33.6678 | 72.7936574 | 24.63 | 33.7061 |
| 72.6613657 | 24.62 | 33.7355 | 72.7276852 | 24.7 | 33.6727 | 72.7940046 | 24.63 | 33.7255 |
| 72.661713 | 24.62 | 33.7549 | 72.7280324 | 24.7 | 33.6921 | 72.7943519 | 24.63 | 33.7182 |
| 72.6620602 | 24.63 | 33.7498 | 72.7283796 | 24.7 | 33.6727 | 72.7946991 | 24.64 | 33.7131 |
| 72.6624074 | 24.64 | 33.7204 | 72.7287269 | 24.7 | 33.6993 | 72.7950463 | 24.66 | 33.6955 |
| 72.6627546 | 24.63 | 33.7498 | 72.7290741 | 24.7 | 33.6605 | 72.7953935 | 24.66 | 33.6955 |
| 72.6631019 | 24.64 | 33.7325 | 72.7294213 | 24.68 | 33.6829 | 72.7957407 | 24.66 | 33.6955 |
| 72.6634491 | 24.64 | 33.7325 | 72.7297685 | 24.68 | 33.6974 | 72.796088 | 24.67 | 33.6977 |
| 72.6637963 | 24.64 | 33.7252 | 72.7301157 | 24.68 | 33.6902 | 72.7964352 | 24.66 | 33.6762 |
| 72.6641435 | 24.64 | 33.7642 | 72.730463 | 24.68 | 33.7023 | 72.7967824 | 24.66 | 33.6883 |
| 72.6644907 | 24.64 | 33.7447 | 72.7308102 | 24.68 | 33.6902 | 72.7971296 | 24.68 | 33.6514 |
| 72.664838 | 24.64 | 33.7325 | 72.7311574 | 24.68 | 33.7096 | 72.7974769 | 24.68 | 33.6587 |
| 72.6651852 | 24.64 | 33.7447 | 72.7315046 | 24.68 | 33.6974 | 72.7978241 | 24.67 | 33.6783 |
| 72.6655324 | 24.64 | 33.7374 | 72.7318519 | 24.68 | 33.678 | 72.7981713 | 24.67 | 33.6856 |
| 72.6658796 | 24.66 | 33.7077 | 72.7321991 | 24.67 | 33.6953 | 72.7985185 | 24.67 | 33.671 |
| 72.6662269 | 24.66 | 33.7198 | 72.7325463 | 24.67 | 33.7147 | 72.7988657 | 24.66 | 33.6907 |
| 72.6665741 | 24.66 | 33.7271 | 72.7328935 | 24.67 | 33.722 | 72.799213 | 24.66 | 33.6762 |
| 72.6669213 | 24.67 | 33.7293 | 72.7332407 | 24.67 | 33.6953 | 72.7995602 | 24.66 | 33.6834 |
| 72.6672685 | 24.66 | 33.7271 | 72.733588 | 24.67 | 33.6953 | 72.7999074 | 24.63 | 33.6867 |
| 72.6676157 | 24.66 | 33.7466 | 72.7339352 | 24.67 | 33.6807 | 72.8002546 | 24.63 | 33.6915 |
| 72.667963 | 24.66 | 33.7466 | 72.7342824 | 24.67 | 33.6953 | 72.8006019 | 24.62 | 33.7039 |
| 72.6683102 | 24.66 | 33.7247 | 72.7346296 | 24.68 | 33.6902 | 72.8009491 | 24.6 | 33.7142 |
| 72.6686574 | 24.66 | 33.7271 | 72.7349769 | 24.67 | 33.7026 | 72.8012963 | 24.62 | 33.6724 |
| 72.6690046 | 24.66 | 33.7271 | 72.7353241 | 24.67 | 33.7074 | 72.8016435 | 24.62 | 33.7039 |
| 72.6693519 | 24.66 | 33.7271 | 72.7356713 | 24.67 | 33.7026 | 72.8019907 | 24.6 | 33.6948 |
| 72.6696991 | 24.67 | 33.7342 | 72.7360185 | 24.67 | 33.7026 | 72.802338 | 24.62 | 33.6918 |
| 72.6700463 | 24.66 | 33.732 | 72.7363657 | 24.67 | 33.688 | 72.8026852 | 24.62 | 33.6772 |
| 72.6703935 | 24.66 | 33.7393 | 72.736713 | 24.67 | 33.6929 | 72.8030324 | 24.62 | 33.6966 |
| 72.6707407 | 24.66 | 33.7247 | 72.7370602 | 24.67 | 33.6832 | 72.8033796 | 24.62 | 33.7039 |
| 72.671088 | 24.67 | 33.7269 | 72.7374074 | 24.67 | 33.688 | 72.8037269 | 24.62 | 33.7039 |
| 72.6714352 | 24.67 | 33.722 | 72.7377546 | 24.67 | 33.6953 | 72.8040741 | 24.62 | 33.6772 |
| 72.6717824 | 24.67 | 33.7415 | 72.7381019 | 24.67 | 33.6953 | 72.8044213 | 24.6 | 33.7263 |
| 72.6721296 | 24.67 | 33.7415 | 72.7384491 | 24.67 | 33.7074 | 72.8047685 | 24.6 | 33.7069 |
| 72.6724769 | 24.67 | 33.7415 | 72.7387963 | 24.67 | 33.7196 | 72.8051157 | 24.6 | 33.6948 |
| 72.6728241 | 24.67 | 33.7269 | 72.7391435 | 24.67 | 33.7147 | 72.805463 | 24.6 | 33.7263 |
| 72.6731713 | 24.67 | 33.7415 | 72.7394907 | 24.67 | 33.7001 | 72.8058102 | 24.6 | 33.6948 |
| 72.6735185 | 24.67 | 33.7196 | 72.739838 | 24.67 | 33.7074 | 72.8061574 | 24.58 | 33.705 |

DPS7-2

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 73.1631019 | 24.19 | 34.0682 | 73.2540741 | 24.48 | 33.6442 | 73.3450463 | 24.38 | 33.6885 |
| 73.1634491 | 24.1 | 33.9715 | 73.2544213 | 24.47 | 33.6494 | 73.3453935 | 24.35 | 33.6845 |
| 73.1637963 | 24.18 | 33.9 | 73.2547685 | 24.47 | 33.6251 | 73.3457407 | 24.36 | 33.6939 |
| 73.1641435 | 24.18 | 33.8902 | 73.2551157 | 24.47 | 33.6178 | 73.346088 | 24.35 | 33.704 |
| 73.1644907 | 24.36 | 33.7965 | 73.255463 | 24.47 | 33.6324 | 73.3464352 | 24.38 | 33.6812 |
| 73.164838 | 24.34 | 33.7555 | 73.2558102 | 24.47 | 33.6251 | 73.3467824 | 24.38 | 33.6885 |
| 73.1651852 | 24.34 | 33.7262 | 73.2561574 | 24.47 | 33.6372 | 73.3471296 | 24.38 | 33.6933 |
| 73.1655324 | 24.35 | 33.7186 | 73.2565046 | 24.47 | 33.6178 | 73.3474769 | 24.39 | 33.6809 |
| 73.1658796 | 24.36 | 33.7256 | 73.2568519 | 24.47 | 33.6518 | 73.3478241 | 24.4 | 33.6952 |
| 73.1662269 | 24.4 | 33.6952 | 73.2571991 | 24.47 | 33.6421 | 73.3481713 | 24.38 | 33.6885 |
| 73.1665741 | 24.39 | 33.6785 | 73.2575463 | 24.47 | 33.6251 | 73.3485185 | 24.36 | 33.6721 |
| 73.1669213 | 24.39 | 33.6712 | 73.2578935 | 24.47 | 33.6106 | 73.3488657 | 24.4 | 33.7098 |
| 73.1672685 | 24.39 | 33.676 | 73.2582407 | 24.47 | 33.6372 | 73.349213 | 24.42 | 33.6922 |
| 73.1676157 | 24.39 | 33.6614 | 73.258588 | 24.47 | 33.6445 | 73.3495602 | 24.42 | 33.6995 |
| 73.167963 | 24.39 | 33.6785 | 73.2589352 | 24.48 | 33.6321 | 73.3499074 | 24.42 | 33.7043 |
| 73.1683102 | 24.4 | 33.6612 | 73.2592824 | 24.47 | 33.6421 | 73.3502546 | 24.43 | 33.687 |
| 73.1686574 | 24.4 | 33.6393 | 73.2596296 | 24.48 | 33.6442 | 73.3506019 | 24.43 | 33.687 |
| 73.1690046 | 24.4 | 33.6709 | 73.2599769 | 24.48 | 33.6127 | 73.3509491 | 24.43 | 33.6992 |
| 73.1693519 | 24.4 | 33.6369 | 73.2603241 | 24.47 | 33.6494 | 73.3512963 | 24.42 | 33.697 |
| 73.1696991 | 24.39 | 33.6687 | 73.2606713 | 24.47 | 33.63 | 73.3516435 | 24.43 | 33.6748 |
| 73.1700463 | 24.39 | 33.6687 | 73.2610185 | 24.47 | 33.6372 | 73.3519907 | 24.43 | 33.6992 |
| 73.1703935 | 24.4 | 33.6175 | 73.2613657 | 24.47 | 33.63 | 73.352338 | 24.4 | 33.7025 |
| 73.1707407 | 24.4 | 33.6296 | 73.261713 | 24.47 | 33.6372 | 73.3526852 | 24.43 | 33.687 |
| 73.171088 | 24.39 | 33.6469 | 73.2620602 | 24.47 | 33.63 | 73.3530324 | 24.4 | 33.683 |
| 73.1714352 | 24.39 | 33.6396 | 73.2624074 | 24.47 | 33.6227 | 73.3533796 | 24.42 | 33.6995 |
| 73.1717824 | 24.4 | 33.6199 | 73.2627546 | 24.47 | 33.6421 | 73.3537269 | 24.42 | 33.7117 |
| 73.1721296 | 24.4 | 33.6345 | 73.2631019 | 24.47 | 33.6251 | 73.3540741 | 24.43 | 33.6797 |
| 73.1724769 | 24.4 | 33.6127 | 73.2634491 | 24.47 | 33.6421 | 73.3544213 | 24.4 | 33.7025 |
| 73.1728241 | 24.4 | 33.6127 | 73.2637963 | 24.47 | 33.6324 | 73.3547685 | 24.39 | 33.6882 |
| 73.1731713 | 24.4 | 33.6393 | 73.2641435 | 24.47 | 33.63 | 73.3551157 | 24.4 | 33.6757 |
| 73.1735185 | 24.42 | 33.6024 | 73.2644907 | 24.47 | 33.6178 | 73.355463 | 24.39 | 33.6882 |
| 73.1738657 | 24.4 | 33.6272 | 73.264838 | 24.47 | 33.6227 | 73.3558102 | 24.39 | 33.6906 |
| 73.174213 | 24.4 | 33.6393 | 73.2651852 | 24.47 | 33.6324 | 73.3561574 | 24.38 | 33.7079 |
| 73.1745602 | 24.4 | 33.6248 | 73.2655324 | 24.46 | 33.6545 | 73.3565046 | 24.38 | 33.6812 |
| 73.1749074 | 24.4 | 33.6054 | 73.2658796 | 24.46 | 33.6351 | 73.3568519 | 24.38 | 33.6885 |
| 73.1752546 | 24.42 | 33.6218 | 73.2662269 | 24.46 | 33.6424 | 73.3571991 | 24.38 | 33.686 |
| 73.1756019 | 24.42 | 33.6266 | 73.2665741 | 24.46 | 33.623 | 73.3575463 | 24.38 | 33.6812 |
| 73.1759491 | 24.4 | 33.6127 | 73.2669213 | 24.47 | 33.6178 | 73.3578935 | 24.36 | 33.6891 |
| 73.1762963 | 24.42 | 33.5951 | 73.2672685 | 24.47 | 33.6251 | 73.3582407 | 24.36 | 33.6842 |
| 73.1766435 | 24.42 | 33.6072 | 73.2676157 | 24.47 | 33.664 | 73.358588 | 24.35 | 33.6894 |
| 73.1769907 | 24.42 | 33.5951 | 73.267963 | 24.47 | 33.6251 | 73.3589352 | 24.35 | 33.6894 |
| 73.177338 | 24.4 | 33.6103 | 73.2683102 | 24.47 | 33.6372 | 73.3592824 | 24.36 | 33.6842 |
| 73.1776852 | 24.42 | 33.5951 | 73.2686574 | 24.47 | 33.6372 | 73.3596296 | 24.36 | 33.6721 |
| 73.1780324 | 24.42 | 33.6266 | 73.2690046 | 24.47 | 33.6178 | 73.3599769 | 24.36 | 33.6988 |
| 73.1783796 | 24.4 | 33.6369 | 73.2693519 | 24.47 | 33.63 | 73.3603241 | 24.39 | 33.6809 |
| 73.1787269 | 24.42 | 33.6072 | 73.2696991 | 24.47 | 33.63 | 73.3606713 | 24.4 | 33.6684 |
| 73.1790741 | 24.42 | 33.6193 | 73.2700463 | 24.46 | 33.6303 | 73.3610185 | 24.4 | 33.7098 |
| 73.1794213 | 24.42 | 33.6072 | 73.2703935 | 24.46 | 33.6472 | 73.3613657 | 24.4 | 33.683 |
| 73.1797685 | 24.42 | 33.6193 | 73.2707407 | 24.46 | 33.6545 | 73.361713 | 24.4 | 33.6757 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.1801157 | 24.42 | 33.5951 | 73.271088 | 24.46 | 33.623 | 73.3620602 | 24.4 | 33.683 |
| 73.180463 | 24.4 | 33.6103 | 73.2714352 | 24.46 | 33.6351 | 73.3624074 | 24.4 | 33.7098 |
| 73.1808102 | 24.42 | 33.6 | 73.2717824 | 24.46 | 33.6303 | 73.3627546 | 24.4 | 33.6952 |
| 73.1811574 | 24.4 | 33.6103 | 73.2721296 | 24.46 | 33.6351 | 73.3631019 | 24.4 | 33.7098 |
| 73.1815046 | 24.4 | 33.6175 | 73.2724769 | 24.46 | 33.6545 | 73.3634491 | 24.42 | 33.6922 |
| 73.1818519 | 24.4 | 33.5909 | 73.2728241 | 24.46 | 33.623 | 73.3637963 | 24.42 | 33.6727 |
| 73.1821991 | 24.4 | 33.6175 | 73.2731713 | 24.46 | 33.6424 | 73.3641435 | 24.42 | 33.6922 |
| 73.1825463 | 24.4 | 33.603 | 73.2735185 | 24.46 | 33.6351 | 73.3644907 | 24.4 | 33.7025 |
| 73.1828935 | 24.4 | 33.6103 | 73.2738657 | 24.46 | 33.6303 | 73.364838 | 24.42 | 33.7117 |
| 73.1832407 | 24.4 | 33.6296 | 73.274213 | 24.46 | 33.6303 | 73.3651852 | 24.42 | 33.7165 |
| 73.183588 | 24.4 | 33.6103 | 73.2745602 | 24.46 | 33.623 | 73.3655324 | 24.42 | 33.6849 |
| 73.1839352 | 24.4 | 33.6151 | 73.2749074 | 24.46 | 33.6424 | 73.3658796 | 24.42 | 33.6922 |
| 73.1842824 | 24.42 | 33.6121 | 73.2752546 | 24.46 | 33.6278 | 73.3662269 | 24.42 | 33.7043 |
| 73.1846296 | 24.42 | 33.6121 | 73.2756019 | 24.46 | 33.6303 | 73.3665741 | 24.42 | 33.6849 |
| 73.1849769 | 24.4 | 33.603 | 73.2759491 | 24.46 | 33.6303 | 73.3669213 | 24.4 | 33.6952 |
| 73.1853241 | 24.4 | 33.6151 | 73.2762963 | 24.46 | 33.6472 | 73.3672685 | 24.4 | 33.7025 |
| 73.1856713 | 24.4 | 33.6103 | 73.2766435 | 24.46 | 33.6351 | 73.3676157 | 24.4 | 33.7147 |
| 73.1860185 | 24.4 | 33.5957 | 73.2769907 | 24.47 | 33.6494 | 73.367963 | 24.42 | 33.6849 |
| 73.1863657 | 24.4 | 33.6151 | 73.277338 | 24.46 | 33.6545 | 73.3683102 | 24.42 | 33.6849 |
| 73.186713 | 24.42 | 33.6048 | 73.2776852 | 24.46 | 33.6545 | 73.3686574 | 24.42 | 33.7043 |
| 73.1870602 | 24.42 | 33.6121 | 73.2780324 | 24.46 | 33.6545 | 73.3690046 | 24.42 | 33.6849 |
| 73.1874074 | 24.42 | 33.5927 | 73.2783796 | 24.46 | 33.623 | 73.3693519 | 24.42 | 33.6922 |
| 73.1877546 | 24.42 | 33.6 | 73.2787269 | 24.46 | 33.623 | 73.3696991 | 24.42 | 33.697 |
| 73.1881019 | 24.42 | 33.6048 | 73.2790741 | 24.46 | 33.6303 | 73.3700463 | 24.42 | 33.7117 |
| 73.1884491 | 24.42 | 33.6096 | 73.2794213 | 24.44 | 33.6454 | 73.3703935 | 24.42 | 33.6849 |
| 73.1887963 | 24.42 | 33.6121 | 73.2797685 | 24.44 | 33.6406 | 73.3707407 | 24.43 | 33.7065 |
| 73.1891435 | 24.42 | 33.6048 | 73.2801157 | 24.43 | 33.6311 | 73.371088 | 24.42 | 33.697 |
| 73.1894907 | 24.4 | 33.6078 | 73.280463 | 24.43 | 33.6384 | 73.3714352 | 24.42 | 33.7165 |
| 73.189838 | 24.4 | 33.6199 | 73.2808102 | 24.42 | 33.6436 | 73.3717824 | 24.42 | 33.7092 |
| 73.1901852 | 24.4 | 33.6078 | 73.2811574 | 24.42 | 33.6363 | 73.3721296 | 24.42 | 33.7165 |
| 73.1905324 | 24.4 | 33.5957 | 73.2815046 | 24.42 | 33.6508 | 73.3724769 | 24.43 | 33.7041 |
| 73.1908796 | 24.4 | 33.5885 | 73.2818519 | 24.42 | 33.6436 | 73.3728241 | 24.42 | 33.7043 |
| 73.1912269 | 24.4 | 33.6078 | 73.2821991 | 24.42 | 33.6314 | 73.3731713 | 24.42 | 33.7043 |
| 73.1915741 | 24.39 | 33.6081 | 73.2825463 | 24.42 | 33.6363 | 73.3735185 | 24.43 | 33.7114 |
| 73.1919213 | 24.39 | 33.5936 | 73.2828935 | 24.42 | 33.6363 | 73.3738657 | 24.43 | 33.6943 |
| 73.1922685 | 24.4 | 33.6199 | 73.2832407 | 24.4 | 33.6466 | 73.374213 | 24.43 | 33.7065 |
| 73.1926157 | 24.4 | 33.6199 | 73.283588 | 24.4 | 33.6393 | 73.3745602 | 24.43 | 33.7187 |
| 73.192963 | 24.4 | 33.6078 | 73.2839352 | 24.42 | 33.6436 | 73.3749074 | 24.44 | 33.7257 |
| 73.1933102 | 24.4 | 33.6006 | 73.2842824 | 24.42 | 33.6557 | 73.3752546 | 24.44 | 33.7062 |
| 73.1936574 | 24.4 | 33.6199 | 73.2846296 | 24.42 | 33.6387 | 73.3756019 | 24.43 | 33.7065 |
| 73.1940046 | 24.4 | 33.6151 | 73.2849769 | 24.42 | 33.6508 | 73.3759491 | 24.43 | 33.7114 |
| 73.1943519 | 24.4 | 33.6078 | 73.2853241 | 24.42 | 33.6508 | 73.3762963 | 24.43 | 33.6992 |
| 73.1946991 | 24.43 | 33.6045 | 73.2856713 | 24.42 | 33.6557 | 73.3766435 | 24.43 | 33.6992 |
| 73.1950463 | 24.43 | 33.5924 | 73.2860185 | 24.4 | 33.6466 | 73.3769907 | 24.44 | 33.7135 |
| 73.1953935 | 24.44 | 33.626 | 73.2863657 | 24.42 | 33.6363 | 73.377338 | 24.44 | 33.7257 |
| 73.1957407 | 24.44 | 33.5994 | 73.286713 | 24.42 | 33.6557 | 73.3776852 | 24.44 | 33.7135 |
| 73.196088 | 24.46 | 33.6157 | 73.2870602 | 24.42 | 33.6242 | 73.3780324 | 24.44 | 33.7135 |
| 73.1964352 | 24.46 | 33.623 | 73.2874074 | 24.42 | 33.6557 | 73.3783796 | 24.44 | 33.733 |
| 73.1967824 | 24.46 | 33.577 | 73.2877546 | 24.43 | 33.6433 | 73.3787269 | 24.43 | 33.7236 |
| 73.1971296 | 24.47 | 33.5767 | 73.2881019 | 24.43 | 33.6457 | 73.3790741 | 24.43 | 33.7187 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.1974769 | 24.46 | 33.6157 | 73.2884491 | 24.43 | 33.6506 | 73.3794213 | 24.43 | 33.726 |
| 73.1978241 | 24.46 | 33.5964 | 73.2887963 | 24.42 | 33.6242 | 73.3797685 | 24.42 | 33.7239 |
| 73.1981713 | 24.44 | 33.5921 | 73.2891435 | 24.4 | 33.6539 | 73.3801157 | 24.42 | 33.7239 |
| 73.1985185 | 24.44 | 33.6115 | 73.2894907 | 24.4 | 33.6417 | 73.380463 | 24.4 | 33.7391 |
| 73.1988657 | 24.44 | 33.6236 | 73.289838 | 24.4 | 33.6612 | 73.3808102 | 24.42 | 33.7165 |
| 73.199213 | 24.43 | 33.5973 | 73.2901852 | 24.4 | 33.6612 | 73.3811574 | 24.43 | 33.7309 |
| 73.1995602 | 24.43 | 33.5852 | 73.2905324 | 24.4 | 33.6539 | 73.3815046 | 24.43 | 33.7382 |
| 73.1999074 | 24.43 | 33.6118 | 73.2908796 | 24.38 | 33.6642 | 73.3818519 | 24.43 | 33.7382 |
| 73.2002546 | 24.42 | 33.5855 | 73.2912269 | 24.34 | 33.6533 | 73.3821991 | 24.42 | 33.7361 |
| 73.2006019 | 24.4 | 33.6127 | 73.2915741 | 24.34 | 33.6605 | 73.3825463 | 24.42 | 33.7556 |
| 73.2009491 | 24.4 | 33.6199 | 73.2919213 | 24.34 | 33.6678 | 73.3828935 | 24.42 | 33.7214 |
| 73.2012963 | 24.42 | 33.6145 | 73.2922685 | 24.3 | 33.6812 | 73.3832407 | 24.42 | 33.7361 |
| 73.2016435 | 24.43 | 33.6118 | 73.2926157 | 24.28 | 33.6769 | 73.383588 | 24.42 | 33.7287 |
| 73.2019907 | 24.44 | 33.5994 | 73.292963 | 24.28 | 33.6721 | 73.3839352 | 24.42 | 33.7434 |
| 73.202338 | 24.46 | 33.606 | 73.2933102 | 24.28 | 33.6915 | 73.3842824 | 24.42 | 33.7507 |
| 73.2026852 | 24.44 | 33.6308 | 73.2936574 | 24.28 | 33.6575 | 73.3846296 | 24.4 | 33.7464 |
| 73.2030324 | 24.4 | 33.6054 | 73.2940046 | 24.28 | 33.6648 | 73.3849769 | 24.42 | 33.7214 |
| 73.2033796 | 24.4 | 33.6272 | 73.2943519 | 24.28 | 33.6842 | 73.3853241 | 24.4 | 33.7586 |
| 73.2037269 | 24.4 | 33.6054 | 73.2946991 | 24.27 | 33.67 | 73.3856713 | 24.4 | 33.766 |
| 73.2040741 | 24.42 | 33.6096 | 73.2950463 | 24.28 | 33.6915 | 73.3860185 | 24.42 | 33.7434 |
| 73.2044213 | 24.43 | 33.6093 | 73.2953935 | 24.3 | 33.6666 | 73.3863657 | 24.42 | 33.7214 |
| 73.2047685 | 24.43 | 33.5852 | 73.2957407 | 24.28 | 33.6648 | 73.386713 | 24.4 | 33.7464 |
| 73.2051157 | 24.44 | 33.6236 | 73.296088 | 24.28 | 33.6575 | 73.3870602 | 24.42 | 33.7483 |
| 73.205463 | 24.47 | 33.5961 | 73.2964352 | 24.28 | 33.6721 | 73.3874074 | 24.4 | 33.7464 |
| 73.2058102 | 24.47 | 33.6275 | 73.2967824 | 24.36 | 33.6502 | 73.3877546 | 24.4 | 33.7513 |
| 73.2061574 | 24.47 | 33.6227 | 73.2971296 | 24.39 | 33.6275 | 73.3881019 | 24.4 | 33.766 |
| 73.2065046 | 24.47 | 33.6082 | 73.2974769 | 24.4 | 33.6539 | 73.3884491 | 24.42 | 33.7483 |
| 73.2068519 | 24.47 | 33.6082 | 73.2978241 | 24.4 | 33.6539 | 73.3887963 | 24.4 | 33.7391 |
| 73.2071991 | 24.47 | 33.5961 | 73.2981713 | 24.4 | 33.6539 | 73.3891435 | 24.43 | 33.7309 |
| 73.2075463 | 24.47 | 33.5961 | 73.2985185 | 24.4 | 33.666 | 73.3894907 | 24.42 | 33.7409 |
| 73.2078935 | 24.47 | 33.6227 | 73.2988657 | 24.39 | 33.6445 | 73.389838 | 24.4 | 33.7537 |
| 73.2082407 | 24.47 | 33.6154 | 73.299213 | 24.32 | 33.6636 | 73.3901852 | 24.4 | 33.7709 |
| 73.208588 | 24.47 | 33.6009 | 73.2995602 | 24.31 | 33.6736 | 73.3905324 | 24.4 | 33.7586 |
| 73.2089352 | 24.47 | 33.6082 | 73.2999074 | 24.31 | 33.6687 | 73.3908796 | 24.39 | 33.7638 |
| 73.2092824 | 24.47 | 33.6154 | 73.3002546 | 24.3 | 33.6666 | 73.3912269 | 24.39 | 33.7711 |
| 73.2096296 | 24.47 | 33.6082 | 73.3006019 | 24.28 | 33.6721 | 73.3915741 | 24.39 | 33.776 |
| 73.2099769 | 24.47 | 33.6082 | 73.3009491 | 24.28 | 33.6721 | 73.3919213 | 24.39 | 33.7711 |
| 73.2103241 | 24.46 | 33.6133 | 73.3012963 | 24.28 | 33.6842 | 73.3922685 | 24.39 | 33.7638 |
| 73.2106713 | 24.46 | 33.6133 | 73.3016435 | 24.3 | 33.6812 | 73.3926157 | 24.39 | 33.7711 |
| 73.2110185 | 24.47 | 33.6082 | 73.3019907 | 24.31 | 33.6809 | 73.392963 | 24.4 | 33.766 |
| 73.2113657 | 24.47 | 33.5936 | 73.302338 | 24.34 | 33.6654 | 73.3933102 | 24.39 | 33.7834 |
| 73.211713 | 24.47 | 33.5936 | 73.3026852 | 24.34 | 33.6848 | 73.3936574 | 24.38 | 33.8082 |
| 73.2120602 | 24.47 | 33.6009 | 73.3030324 | 24.4 | 33.6733 | 73.3940046 | 24.38 | 33.8033 |
| 73.2124074 | 24.47 | 33.6082 | 73.3033796 | 24.42 | 33.6824 | 73.3943519 | 24.38 | 33.8008 |
| 73.2127546 | 24.47 | 33.6009 | 73.3037269 | 24.42 | 33.6678 | 73.3946991 | 24.38 | 33.7959 |
| 73.2131019 | 24.47 | 33.6082 | 73.3040741 | 24.44 | 33.6721 | 73.3950463 | 24.39 | 33.776 |
| 73.2134491 | 24.47 | 33.6154 | 73.3044213 | 24.44 | 33.6721 | 73.3953935 | 24.38 | 33.769 |
| 73.2137963 | 24.47 | 33.6009 | 73.3047685 | 24.43 | 33.6506 | 73.3957407 | 24.38 | 33.7959 |
| 73.2141435 | 24.47 | 33.6082 | 73.3051157 | 24.43 | 33.6627 | 73.396088 | 24.36 | 33.7989 |
| 73.2144907 | 24.47 | 33.6082 | 73.305463 | 24.4 | 33.6539 | 73.3964352 | 24.36 | 33.7989 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.214838 | 24.47 | 33.5888 | 73.3058102 | 24.38 | 33.6715 | 73.3967824 | 24.38 | 33.7886 |
| 73.2151852 | 24.46 | 33.6133 | 73.3061574 | 24.35 | 33.653 | 73.3971296 | 24.38 | 33.7812 |
| 73.2155324 | 24.47 | 33.6154 | 73.3065046 | 24.32 | 33.6709 | 73.3974769 | 24.38 | 33.7886 |
| 73.2158796 | 24.47 | 33.5936 | 73.3068519 | 24.35 | 33.653 | 73.3978241 | 24.39 | 33.7589 |
| 73.2162269 | 24.47 | 33.6348 | 73.3071991 | 24.35 | 33.653 | 73.3981713 | 24.39 | 33.7662 |
| 73.2165741 | 24.47 | 33.6009 | 73.3075463 | 24.38 | 33.6569 | 73.3985185 | 24.38 | 33.7886 |
| 73.2169213 | 24.47 | 33.6082 | 73.3078935 | 24.39 | 33.6906 | 73.3988657 | 24.38 | 33.7886 |
| 73.2172685 | 24.47 | 33.6275 | 73.3082407 | 24.43 | 33.6578 | 73.399213 | 24.38 | 33.7886 |
| 73.2176157 | 24.47 | 33.6203 | 73.308588 | 24.42 | 33.6557 | 73.3995602 | 24.36 | 33.7989 |
| 73.217963 | 24.47 | 33.6009 | 73.3089352 | 24.43 | 33.6627 | 73.3999074 | 24.36 | 33.8038 |
| 73.2183102 | 24.47 | 33.6203 | 73.3092824 | 24.43 | 33.67 | 73.4002546 | 24.36 | 33.772 |
| 73.2186574 | 24.47 | 33.647 | 73.3096296 | 24.43 | 33.6773 | 73.4006019 | 24.38 | 33.7959 |
| 73.2190046 | 24.47 | 33.6251 | 73.3099769 | 24.42 | 33.6678 | 73.4009491 | 24.39 | 33.7638 |
| 73.2193519 | 24.48 | 33.6006 | 73.3103241 | 24.36 | 33.6478 | 73.4012963 | 24.4 | 33.766 |
| 73.2196991 | 24.48 | 33.6151 | 73.3106713 | 24.31 | 33.6736 | 73.4016435 | 24.38 | 33.7763 |
| 73.2200463 | 24.48 | 33.62 | 73.3110185 | 24.32 | 33.6757 | 73.4019907 | 24.38 | 33.7812 |
| 73.2203935 | 24.48 | 33.6273 | 73.3113657 | 24.32 | 33.6806 | 73.402338 | 24.36 | 33.7867 |
| 73.2207407 | 24.48 | 33.6273 | 73.311713 | 24.42 | 33.6557 | 73.4026852 | 24.35 | 33.8115 |
| 73.221088 | 24.48 | 33.6006 | 73.3120602 | 24.43 | 33.6627 | 73.4030324 | 24.35 | 33.8164 |
| 73.2214352 | 24.48 | 33.62 | 73.3124074 | 24.43 | 33.687 | 73.4033796 | 24.35 | 33.8041 |
| 73.2217824 | 24.48 | 33.6151 | 73.3127546 | 24.46 | 33.674 | 73.4037269 | 24.35 | 33.8115 |
| 73.2221296 | 24.48 | 33.6345 | 73.3131019 | 24.44 | 33.677 | 73.4040741 | 24.35 | 33.8237 |
| 73.2224769 | 24.48 | 33.6151 | 73.3134491 | 24.44 | 33.6843 | 73.4044213 | 24.36 | 33.8186 |
| 73.2228241 | 24.48 | 33.6151 | 73.3137963 | 24.44 | 33.6697 | 73.4047685 | 24.35 | 33.8188 |
| 73.2231713 | 24.48 | 33.62 | 73.3141435 | 24.43 | 33.6894 | 73.4051157 | 24.36 | 33.7989 |
| 73.2235185 | 24.48 | 33.6151 | 73.3144907 | 24.44 | 33.6575 | 73.405463 | 24.35 | 33.8041 |
| 73.2238657 | 24.48 | 33.6345 | 73.314838 | 24.4 | 33.6782 | 73.4058102 | 24.35 | 33.8115 |
| 73.224213 | 24.48 | 33.5958 | 73.3151852 | 24.34 | 33.6581 | 73.4061574 | 24.35 | 33.8164 |
| 73.2245602 | 24.47 | 33.6251 | 73.3155324 | 24.36 | 33.6672 | 73.4065046 | 24.34 | 33.8093 |
| 73.2249074 | 24.47 | 33.613 | 73.3158796 | 24.42 | 33.6873 | 73.4068519 | 24.34 | 33.802 |
| 73.2252546 | 24.47 | 33.6324 | 73.3162269 | 24.43 | 33.6506 | 73.4071991 | 24.35 | 33.8237 |
| 73.2256019 | 24.46 | 33.6254 | 73.3165741 | 24.44 | 33.677 | 73.4075463 | 24.34 | 33.8167 |
| 73.2259491 | 24.46 | 33.623 | 73.3169213 | 24.44 | 33.6965 | 73.4078935 | 24.35 | 33.7992 |
| 73.2262963 | 24.47 | 33.6251 | 73.3172685 | 24.43 | 33.687 | 73.4082407 | 24.35 | 33.8041 |
| 73.2266435 | 24.47 | 33.6251 | 73.3176157 | 24.44 | 33.677 | 73.408588 | 24.34 | 33.8167 |
| 73.2269907 | 24.47 | 33.6324 | 73.317963 | 24.44 | 33.6551 | 73.4089352 | 24.35 | 33.8237 |
| 73.227338 | 24.47 | 33.6251 | 73.3183102 | 24.43 | 33.6821 | 73.4092824 | 24.35 | 33.8311 |
| 73.2276852 | 24.46 | 33.6181 | 73.3186574 | 24.42 | 33.6557 | 73.4096296 | 24.35 | 33.8237 |
| 73.2280324 | 24.46 | 33.6109 | 73.3190046 | 24.4 | 33.6636 | 73.4099769 | 24.35 | 33.8188 |
| 73.2283796 | 24.46 | 33.6254 | 73.3193519 | 24.4 | 33.6709 | 73.4103241 | 24.35 | 33.8041 |
| 73.2287269 | 24.46 | 33.6133 | 73.3196991 | 24.4 | 33.666 | 73.4106713 | 24.35 | 33.8115 |
| 73.2290741 | 24.46 | 33.6181 | 73.3200463 | 24.4 | 33.6636 | 73.4110185 | 24.35 | 33.8041 |
| 73.2294213 | 24.48 | 33.6127 | 73.3203935 | 24.39 | 33.6833 | 73.4113657 | 24.35 | 33.8115 |
| 73.2297685 | 24.47 | 33.6251 | 73.3207407 | 24.39 | 33.6712 | 73.411713 | 24.35 | 33.7968 |
| 73.2301157 | 24.47 | 33.6372 | 73.321088 | 24.4 | 33.6855 | 73.4120602 | 24.34 | 33.802 |
| 73.230463 | 24.48 | 33.5813 | 73.3214352 | 24.4 | 33.6903 | 73.4124074 | 24.34 | 33.8093 |
| 73.2308102 | 24.48 | 33.6273 | 73.3217824 | 24.43 | 33.6748 | 73.4127546 | 24.34 | 33.8289 |
| 73.2311574 | 24.48 | 33.62 | 73.3221296 | 24.43 | 33.6627 | 73.4131019 | 24.34 | 33.8167 |
| 73.2315046 | 24.48 | 33.6273 | 73.3224769 | 24.43 | 33.6627 | 73.4134491 | 24.34 | 33.8167 |
| 73.2318519 | 24.48 | 33.6127 | 73.3228241 | 24.43 | 33.687 | 73.4137963 | 24.34 | 33.8167 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.2321991 | 24.47 | 33.6397 | 73.3231713 | 24.43 | 33.6748 | 73.4141435 | 24.34 | 33.8216 |
| 73.2325463 | 24.48 | 33.62 | 73.3235185 | 24.4 | 33.683 | 73.4144907 | 24.34 | 33.8167 |
| 73.2328935 | 24.48 | 33.6345 | 73.3238657 | 24.4 | 33.6782 | 73.414838 | 24.32 | 33.8393 |
| 73.2332407 | 24.48 | 33.5933 | 73.324213 | 24.4 | 33.6636 | 73.4151852 | 24.34 | 33.8093 |
| 73.233588 | 24.48 | 33.6321 | 73.3245602 | 24.38 | 33.6812 | 73.4155324 | 24.34 | 33.824 |
| 73.2339352 | 24.48 | 33.6345 | 73.3249074 | 24.4 | 33.6709 | 73.4158796 | 24.34 | 33.8289 |
| 73.2342824 | 24.48 | 33.6394 | 73.3252546 | 24.39 | 33.6712 | 73.4162269 | 24.34 | 33.8216 |
| 73.2346296 | 24.47 | 33.6372 | 73.3256019 | 24.39 | 33.6833 | 73.4165741 | 24.34 | 33.8167 |
| 73.2349769 | 24.47 | 33.6203 | 73.3259491 | 24.39 | 33.6687 | 73.4169213 | 24.34 | 33.8167 |
| 73.2353241 | 24.48 | 33.62 | 73.3262963 | 24.4 | 33.6782 | 73.4172685 | 24.34 | 33.8044 |
| 73.2356713 | 24.47 | 33.6178 | 73.3266435 | 24.42 | 33.6922 | 73.4176157 | 24.34 | 33.8167 |
| 73.2360185 | 24.48 | 33.6345 | 73.3269907 | 24.42 | 33.68 | 73.417963 | 24.32 | 33.8197 |
| 73.2363657 | 24.48 | 33.6321 | 73.327338 | 24.42 | 33.7068 | 73.4183102 | 24.32 | 33.8271 |
| 73.236713 | 24.48 | 33.6321 | 73.3276852 | 24.43 | 33.6821 | 73.4186574 | 24.32 | 33.8123 |
| 73.2370602 | 24.48 | 33.6273 | 73.3280324 | 24.43 | 33.687 | 73.4190046 | 24.32 | 33.8541 |
| 73.2374074 | 24.48 | 33.6321 | 73.3283796 | 24.4 | 33.683 | 73.4193519 | 24.32 | 33.8393 |
| 73.2377546 | 24.48 | 33.6248 | 73.3287269 | 24.36 | 33.6721 | 73.4196991 | 24.32 | 33.8222 |
| 73.2381019 | 24.48 | 33.6394 | 73.3290741 | 24.32 | 33.6539 | 73.4200463 | 24.31 | 33.8445 |
| 73.2384491 | 24.48 | 33.62 | 73.3294213 | 24.35 | 33.6602 | 73.4203935 | 24.31 | 33.8323 |
| 73.2387963 | 24.5 | 33.6243 | 73.3297685 | 24.34 | 33.6702 | 73.4207407 | 24.31 | 33.847 |
| 73.2391435 | 24.5 | 33.6024 | 73.3301157 | 24.35 | 33.6918 | 73.421088 | 24.31 | 33.8396 |
| 73.2394907 | 24.48 | 33.6394 | 73.330463 | 24.35 | 33.6772 | 73.4214352 | 24.31 | 33.8249 |
| 73.239838 | 24.48 | 33.6273 | 73.3308102 | 24.38 | 33.6958 | 73.4217824 | 24.31 | 33.8372 |
| 73.2401852 | 24.48 | 33.62 | 73.3311574 | 24.39 | 33.7077 | 73.4221296 | 24.31 | 33.8323 |
| 73.2405324 | 24.47 | 33.6324 | 73.3315046 | 24.42 | 33.6922 | 73.4224769 | 24.31 | 33.8519 |
| 73.2408796 | 24.47 | 33.6324 | 73.3318519 | 24.44 | 33.7062 | 73.4228241 | 24.31 | 33.8396 |
| 73.2412269 | 24.47 | 33.6057 | 73.3321991 | 24.44 | 33.7013 | 73.4231713 | 24.31 | 33.8593 |
| 73.2415741 | 24.47 | 33.6251 | 73.3325463 | 24.43 | 33.6821 | 73.4235185 | 24.31 | 33.82 |
| 73.2419213 | 24.47 | 33.613 | 73.3328935 | 24.42 | 33.6922 | 73.4238657 | 24.31 | 33.8445 |
| 73.2422685 | 24.46 | 33.623 | 73.3332407 | 24.38 | 33.6617 | 73.424213 | 24.31 | 33.847 |
| 73.2426157 | 24.46 | 33.6375 | 73.333588 | 24.38 | 33.6617 | 73.4245602 | 24.3 | 33.8448 |
| 73.242963 | 24.46 | 33.5988 | 73.3339352 | 24.36 | 33.6794 | 73.4249074 | 24.31 | 33.8396 |
| 73.2433102 | 24.46 | 33.6303 | 73.3342824 | 24.39 | 33.6833 | 73.4252546 | 24.31 | 33.8519 |
| 73.2436574 | 24.46 | 33.6157 | 73.3346296 | 24.38 | 33.6739 | 73.4256019 | 24.31 | 33.82 |
| 73.2440046 | 24.46 | 33.6303 | 73.3349769 | 24.36 | 33.6721 | 73.4259491 | 24.3 | 33.8375 |
| 73.2443519 | 24.46 | 33.623 | 73.3353241 | 24.38 | 33.669 | 73.4262963 | 24.31 | 33.8249 |
| 73.2446991 | 24.44 | 33.6478 | 73.3356713 | 24.38 | 33.6885 | 73.4266435 | 24.31 | 33.8396 |
| 73.2450463 | 24.46 | 33.6181 | 73.3360185 | 24.38 | 33.6812 | 73.4269907 | 24.3 | 33.8424 |
| 73.2453935 | 24.46 | 33.6181 | 73.3363657 | 24.36 | 33.6794 | 73.427338 | 24.31 | 33.8445 |
| 73.2457407 | 24.47 | 33.6324 | 73.336713 | 24.35 | 33.6651 | 73.4276852 | 24.31 | 33.8249 |
| 73.246088 | 24.48 | 33.6321 | 73.3370602 | 24.36 | 33.6599 | 73.4280324 | 24.32 | 33.8123 |
| 73.2464352 | 24.48 | 33.6467 | 73.3374074 | 24.36 | 33.6721 | 73.4283796 | 24.36 | 33.7744 |
| 73.2467824 | 24.48 | 33.6321 | 73.3377546 | 24.35 | 33.6845 | 73.4287269 | 24.42 | 33.7239 |
| 73.2471296 | 24.47 | 33.6251 | 73.3381019 | 24.35 | 33.6772 | 73.4290741 | 24.39 | 33.6809 |
| 73.2474769 | 24.48 | 33.6394 | 73.3384491 | 24.36 | 33.6988 | 73.4294213 | 24.38 | 33.6933 |
| 73.2478241 | 24.48 | 33.6394 | 73.3387963 | 24.36 | 33.6721 | 73.4297685 | 24.3 | 33.6279 |
| 73.2481713 | 24.48 | 33.6321 | 73.3391435 | 24.39 | 33.6833 | 73.4301157 | 24.27 | 33.6216 |
| 73.2485185 | 24.48 | 33.6248 | 73.3394907 | 24.39 | 33.7003 | 73.430463 | 24.27 | 33.6167 |
| 73.2488657 | 24.48 | 33.6273 | 73.339838 | 24.38 | 33.6885 | 73.4308102 | 24.27 | 33.6288 |
| 73.249213 | 24.48 | 33.6321 | 73.3401852 | 24.38 | 33.6812 | 73.4311574 | 24.27 | 33.6022 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73.2495602 | 24.48 | 33.62 | 73.3405324 | 24.38 | 33.6885 | 73.4315046 | 24.27 | 33.6095 |
| 73.2499074 | 24.48 | 33.62 | 73.3408796 | 24.38 | 33.6812 | 73.4318519 | 24.28 | 33.5995 |
| 73.2502546 | 24.48 | 33.62 | 73.3412269 | 24.36 | 33.6915 | 73.4321991 | 24.3 | 33.6085 |
| 73.2506019 | 24.48 | 33.6248 | 73.3415741 | 24.36 | 33.6648 | 73.4325463 | 24.31 | 33.572 |
| 73.2509491 | 24.48 | 33.6442 | 73.3419213 | 24.35 | 33.6967 | 73.4328935 | 24.31 | 33.5768 |
| 73.2512963 | 24.48 | 33.6248 | 73.3422685 | 24.36 | 33.7061 | 73.4332407 | 24.31 | 33.5913 |
| 73.2516435 | 24.48 | 33.6394 | 73.3426157 | 24.36 | 33.7061 | 73.433588 | 24.32 | 33.5476 |
| 73.2519907 | 24.48 | 33.6321 | 73.342963 | 24.38 | 33.6885 | 73.4339352 | 24.32 | 33.5597 |
| 73.252338 | 24.48 | 33.6394 | 73.3433102 | 24.36 | 33.6988 | 73.4342824 | 24.32 | 33.5717 |
| 73.2526852 | 24.48 | 33.62 | 73.3436574 | 24.38 | 33.6812 | 73.4346296 | 24.34 | 33.5759 |
| 73.2530324 | 24.48 | 33.6321 | 73.3440046 | 24.36 | 33.6866 | 73.4349769 | 24.32 | 33.5597 |
| 73.2533796 | 24.48 | 33.6564 | 73.3443519 | 24.38 | 33.6739 | 73.4353241 | 24.31 | 33.5961 |
| 73.2537269 | 24.47 | 33.6372 | 73.3446991 | 24.38 | 33.7079 | | | |

DPS8-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.6498958 | 24.92 | 35.2981 | 72.7356597 | 24.48 | 33.8666 | 72.8210764 | 24.41 | 33.8188 |
| 72.6502431 | 24.82 | 34.7634 | 72.7360069 | 24.48 | 33.8904 | 72.8214236 | 24.41 | 33.8283 |
| 72.6505903 | 24.82 | 34.5634 | 72.7363542 | 24.48 | 33.9142 | 72.8217708 | 24.41 | 33.8283 |
| 72.6509375 | 24.76 | 34.4912 | 72.7367014 | 24.48 | 33.9 | 72.8221181 | 24.41 | 33.8283 |
| 72.6512847 | 24.72 | 34.4467 | 72.7370486 | 24.49 | 33.8844 | 72.8224653 | 24.41 | 33.852 |
| 72.6516319 | 24.68 | 34.4073 | 72.7373958 | 24.49 | 33.8844 | 72.8228125 | 24.41 | 33.8283 |
| 72.6519792 | 24.66 | 34.3165 | 72.7377431 | 24.5 | 33.864 | 72.8231597 | 24.41 | 33.8188 |
| 72.6523264 | 24.65 | 34.2933 | 72.7380903 | 24.5 | 33.8783 | 72.8235069 | 24.41 | 33.8188 |
| 72.6526736 | 24.6 | 34.2459 | 72.7384375 | 24.52 | 33.7808 | 72.8238542 | 24.41 | 33.8188 |
| 72.6530208 | 24.6 | 34.2362 | 72.7387847 | 24.5 | 33.8403 | 72.8242014 | 24.41 | 33.8188 |
| 72.6533681 | 24.58 | 34.2484 | 72.7391319 | 24.52 | 33.814 | 72.8245486 | 24.41 | 33.8283 |
| 72.6537153 | 24.59 | 34.1937 | 72.7394792 | 24.52 | 33.8282 | 72.8248958 | 24.41 | 33.8283 |
| 72.6540625 | 24.58 | 34.2095 | 72.7398264 | 24.52 | 33.8425 | 72.8252431 | 24.41 | 33.7951 |
| 72.6544097 | 24.58 | 34.132 | 72.7401736 | 24.52 | 33.8187 | 72.8255903 | 24.41 | 33.8046 |
| 72.6547569 | 24.56 | 34.1829 | 72.7405208 | 24.52 | 33.8282 | 72.8259375 | 24.41 | 33.8188 |
| 72.6551042 | 24.56 | 34.12 | 72.7408681 | 24.52 | 33.8187 | 72.8262847 | 24.41 | 33.7904 |
| 72.6554514 | 24.58 | 34.1078 | 72.7412153 | 24.52 | 33.8425 | 72.8266319 | 24.41 | 33.7951 |
| 72.6557986 | 24.59 | 34.1017 | 72.7415625 | 24.52 | 33.8662 | 72.8269792 | 24.41 | 33.8757 |
| 72.6561458 | 24.59 | 34.0873 | 72.7419097 | 24.52 | 33.8187 | 72.8273264 | 24.41 | 33.7951 |
| 72.6564931 | 24.6 | 34.1053 | 72.7422569 | 24.52 | 33.8187 | 72.8276736 | 24.41 | 33.7715 |
| 72.6568403 | 24.6 | 34.0667 | 72.7426042 | 24.5 | 33.8403 | 72.8280208 | 24.39 | 33.8261 |
| 72.6571875 | 24.58 | 34.0067 | 72.7429514 | 24.5 | 33.826 | 72.8283681 | 24.39 | 33.8025 |
| 72.6575347 | 24.58 | 34.0692 | 72.7432986 | 24.5 | 33.8166 | 72.8287153 | 24.39 | 33.8403 |
| 72.6578819 | 24.58 | 34.0307 | 72.7436458 | 24.5 | 33.8403 | 72.8290625 | 24.39 | 33.8641 |
| 72.6582292 | 24.56 | 33.9949 | 72.7439931 | 24.5 | 33.8166 | 72.8294097 | 24.41 | 33.8188 |
| 72.6585764 | 24.56 | 34.0189 | 72.7443403 | 24.49 | 33.8226 | 72.8297569 | 24.41 | 33.7432 |
| 72.6589236 | 24.58 | 34.0548 | 72.7446875 | 24.5 | 33.8071 | 72.8301042 | 24.41 | 33.8188 |
| 72.6592708 | 24.56 | 33.9805 | 72.7450347 | 24.5 | 33.8403 | 72.8304514 | 24.39 | 33.8167 |
| 72.6596181 | 24.55 | 34.0105 | 72.7453819 | 24.5 | 33.8023 | 72.8307986 | 24.39 | 33.8025 |
| 72.6599653 | 24.55 | 33.9626 | 72.7457292 | 24.5 | 33.8166 | 72.8311458 | 24.39 | 33.8167 |
| 72.6603125 | 24.55 | 34.0105 | 72.7460764 | 24.5 | 33.8403 | 72.8314931 | 24.39 | 33.8403 |
| 72.6606597 | 24.53 | 34.0467 | 72.7464236 | 24.5 | 33.8498 | 72.8318403 | 24.39 | 33.8403 |
| 72.6610069 | 24.53 | 33.9604 | 72.7467708 | 24.5 | 33.8498 | 72.8321875 | 24.39 | 33.8403 |
| 72.6613542 | 24.52 | 34.0048 | 72.7471181 | 24.5 | 33.8498 | 72.8325347 | 24.39 | 33.8072 |
| 72.6617014 | 24.53 | 34.0083 | 72.7474653 | 24.5 | 33.8403 | 72.8328819 | 24.39 | 33.8403 |
| 72.6620486 | 24.53 | 33.9747 | 72.7478125 | 24.49 | 33.8321 | 72.8332292 | 24.39 | 33.8167 |
| 72.6623958 | 24.53 | 33.9843 | 72.7481597 | 24.49 | 33.8463 | 72.8335764 | 24.39 | 33.8261 |
| 72.6627431 | 24.55 | 33.9865 | 72.7485069 | 24.49 | 33.8226 | 72.8339236 | 24.41 | 33.7809 |
| 72.6630903 | 24.53 | 34.0083 | 72.7488542 | 24.5 | 33.8166 | 72.8342708 | 24.39 | 33.8403 |
| 72.6634375 | 24.53 | 33.9843 | 72.7492014 | 24.49 | 33.8084 | 72.8346181 | 24.39 | 33.8309 |
| 72.6637847 | 24.55 | 33.91 | 72.7495486 | 24.49 | 33.8321 | 72.8349653 | 24.39 | 33.8546 |
| 72.6641319 | 24.53 | 33.9604 | 72.7498958 | 24.49 | 33.8321 | 72.8353125 | 24.39 | 33.8072 |
| 72.6644792 | 24.55 | 33.9482 | 72.7502431 | 24.49 | 33.8226 | 72.8356597 | 24.39 | 33.8641 |
| 72.6648264 | 24.53 | 33.9843 | 72.7505903 | 24.49 | 33.8463 | 72.8360069 | 24.39 | 33.8641 |
| 72.6651736 | 24.53 | 34.0083 | 72.7509375 | 24.49 | 33.8226 | 72.8363542 | 24.39 | 33.793 |
| 72.6655208 | 24.53 | 33.9604 | 72.7512847 | 24.5 | 33.7929 | 72.8367014 | 24.39 | 33.8309 |
| 72.6658681 | 24.53 | 33.9078 | 72.7516319 | 24.5 | 33.826 | 72.8370486 | 24.39 | 33.8546 |
| 72.6662153 | 24.53 | 33.9604 | 72.7519792 | 24.49 | 33.8084 | 72.8373958 | 24.39 | 33.8167 |
| 72.6665625 | 24.53 | 33.946 | 72.7523264 | 24.5 | 33.7787 | 72.8377431 | 24.39 | 33.8025 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6669097 | 24.55 | 33.9482 | 72.7526736 | 24.5 | 33.8403 | 72.8380903 | 24.39 | 33.8025 |
| 72.6672569 | 24.55 | 33.8957 | 72.7530208 | 24.5 | 33.7314 | 72.8384375 | 24.39 | 33.8072 |
| 72.6676042 | 24.56 | 33.9135 | 72.7533681 | 24.49 | 33.8463 | 72.8387847 | 24.39 | 33.8546 |
| 72.6679514 | 24.56 | 33.9278 | 72.7537153 | 24.49 | 33.8558 | 72.8391319 | 24.39 | 33.8783 |
| 72.6682986 | 24.56 | 33.9278 | 72.7540625 | 24.49 | 33.8321 | 72.8394792 | 24.39 | 33.8167 |
| 72.6686458 | 24.58 | 33.9157 | 72.7544097 | 24.49 | 33.7989 | 72.8398264 | 24.39 | 33.8546 |
| 72.6689931 | 24.58 | 33.9157 | 72.7547569 | 24.49 | 33.8321 | 72.8401736 | 24.39 | 33.8403 |
| 72.6693403 | 24.59 | 33.8954 | 72.7551042 | 24.49 | 33.8084 | 72.8405208 | 24.39 | 33.8261 |
| 72.6696875 | 24.58 | 33.9492 | 72.7554514 | 24.49 | 33.8084 | 72.8408681 | 24.38 | 33.8085 |
| 72.6700347 | 24.58 | 33.9253 | 72.7557986 | 24.49 | 33.7989 | 72.8412153 | 24.38 | 33.9082 |
| 72.6703819 | 24.58 | 33.9157 | 72.7561458 | 24.49 | 33.7989 | 72.8415625 | 24.38 | 33.8322 |
| 72.6707292 | 24.58 | 33.9157 | 72.7564931 | 24.49 | 33.8084 | 72.8419097 | 24.38 | 33.8464 |
| 72.6710764 | 24.58 | 33.9014 | 72.7568403 | 24.49 | 33.7989 | 72.8422569 | 24.38 | 33.8085 |
| 72.6714236 | 24.56 | 33.9517 | 72.7571875 | 24.49 | 33.8321 | 72.8426042 | 24.38 | 33.8227 |
| 72.6717708 | 24.56 | 33.9231 | 72.7575347 | 24.49 | 33.8321 | 72.8429514 | 24.38 | 33.8322 |
| 72.6721181 | 24.58 | 33.911 | 72.7578819 | 24.49 | 33.8321 | 72.8432986 | 24.38 | 33.8322 |
| 72.6724653 | 24.56 | 33.8992 | 72.7582292 | 24.49 | 33.8463 | 72.8436458 | 24.38 | 33.8844 |
| 72.6728125 | 24.56 | 33.8992 | 72.7585764 | 24.49 | 33.7989 | 72.8439931 | 24.38 | 33.8369 |
| 72.6731597 | 24.56 | 33.9231 | 72.7589236 | 24.49 | 33.8084 | 72.8443403 | 24.36 | 33.8443 |
| 72.6735069 | 24.56 | 33.8992 | 72.7592708 | 24.49 | 33.7989 | 72.8446875 | 24.36 | 33.8206 |
| 72.6738542 | 24.56 | 33.8754 | 72.7596181 | 24.49 | 33.8321 | 72.8450347 | 24.36 | 33.8822 |
| 72.6742014 | 24.55 | 33.9053 | 72.7599653 | 24.49 | 33.7847 | 72.8453819 | 24.36 | 33.868 |
| 72.6745486 | 24.56 | 33.9231 | 72.7603125 | 24.49 | 33.8226 | 72.8457292 | 24.36 | 33.8585 |
| 72.6748958 | 24.55 | 33.9053 | 72.7606597 | 24.49 | 33.8321 | 72.8460764 | 24.36 | 33.868 |
| 72.6752431 | 24.55 | 33.8957 | 72.7610069 | 24.49 | 33.7989 | 72.8464236 | 24.38 | 33.8464 |
| 72.6755903 | 24.53 | 33.9317 | 72.7613542 | 24.49 | 33.7847 | 72.8467708 | 24.38 | 33.8227 |
| 72.6759375 | 24.53 | 33.9412 | 72.7617014 | 24.48 | 33.8381 | 72.8471181 | 24.38 | 33.8464 |
| 72.6762847 | 24.55 | 33.9053 | 72.7620486 | 24.48 | 33.8286 | 72.8474653 | 24.38 | 33.8085 |
| 72.6766319 | 24.53 | 33.9317 | 72.7623958 | 24.48 | 33.8144 | 72.8478125 | 24.38 | 33.8844 |
| 72.6769792 | 24.53 | 33.9317 | 72.7627431 | 24.48 | 33.8144 | 72.8481597 | 24.36 | 33.8443 |
| 72.6773264 | 24.53 | 33.8792 | 72.7630903 | 24.48 | 33.8144 | 72.8485069 | 24.36 | 33.8585 |
| 72.6776736 | 24.5 | 33.9355 | 72.7634375 | 24.48 | 33.8286 | 72.8488542 | 24.36 | 33.8585 |
| 72.6780208 | 24.5 | 33.8974 | 72.7637847 | 24.48 | 33.8049 | 72.8492014 | 24.36 | 33.8443 |
| 72.6783681 | 24.49 | 33.8939 | 72.7641319 | 24.48 | 33.8049 | 72.8495486 | 24.36 | 33.868 |
| 72.6787153 | 24.49 | 33.9655 | 72.7644792 | 24.48 | 33.8144 | 72.8498958 | 24.36 | 33.8585 |
| 72.6790625 | 24.49 | 33.8796 | 72.7648264 | 24.48 | 33.8381 | 72.8502431 | 24.36 | 33.8348 |
| 72.6794097 | 24.49 | 33.9559 | 72.7651736 | 24.48 | 33.8286 | 72.8505903 | 24.36 | 33.868 |
| 72.6797569 | 24.49 | 33.9177 | 72.7655208 | 24.48 | 33.7671 | 72.8509375 | 24.36 | 33.8348 |
| 72.6801042 | 24.5 | 33.8974 | 72.7658681 | 24.48 | 33.8524 | 72.8512847 | 24.36 | 33.8918 |
| 72.6804514 | 24.5 | 33.9117 | 72.7662153 | 24.48 | 33.7907 | 72.8516319 | 24.36 | 33.8443 |
| 72.6807986 | 24.49 | 33.9034 | 72.7665625 | 24.48 | 33.7907 | 72.8519792 | 24.36 | 33.8727 |
| 72.6811458 | 24.49 | 33.9273 | 72.7669097 | 24.48 | 33.8144 | 72.8523264 | 24.36 | 33.868 |
| 72.6814931 | 24.48 | 33.9238 | 72.7672569 | 24.48 | 33.7907 | 72.8526736 | 24.36 | 33.8585 |
| 72.6818403 | 24.48 | 33.9477 | 72.7676042 | 24.48 | 33.8144 | 72.8530208 | 24.36 | 33.8443 |
| 72.6821875 | 24.46 | 33.9455 | 72.7679514 | 24.48 | 33.8239 | 72.8533681 | 24.36 | 33.8443 |
| 72.6825347 | 24.46 | 33.9455 | 72.7682986 | 24.48 | 33.8144 | 72.8537153 | 24.36 | 33.8822 |
| 72.6828819 | 24.45 | 33.9659 | 72.7686458 | 24.48 | 33.7907 | 72.8540625 | 24.36 | 33.8585 |
| 72.6832292 | 24.45 | 33.9515 | 72.7689931 | 24.48 | 33.8286 | 72.8544097 | 24.36 | 33.8443 |
| 72.6835764 | 24.46 | 33.9359 | 72.7693403 | 24.48 | 33.7765 | 72.8547569 | 24.36 | 33.8822 |
| 72.6839236 | 24.45 | 33.9515 | 72.7696875 | 24.48 | 33.8286 | 72.8551042 | 24.36 | 33.8443 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.6842708 | 24.45 | 33.9659 | 72.7700347 | 24.46 | 33.7791 | 72.8554514 | 24.36 | 33.8206 |
| 72.6846181 | 24.46 | 33.9216 | 72.7703819 | 24.46 | 33.8265 | 72.8557986 | 24.36 | 33.8206 |
| 72.6849653 | 24.45 | 33.9754 | 72.7707292 | 24.48 | 33.8239 | 72.8561458 | 24.36 | 33.8585 |
| 72.6853125 | 24.45 | 33.9277 | 72.7710764 | 24.48 | 33.7529 | 72.8564931 | 24.35 | 33.8646 |
| 72.6856597 | 24.45 | 33.9754 | 72.7714236 | 24.46 | 33.8123 | 72.8568403 | 24.35 | 33.8503 |
| 72.6860069 | 24.48 | 33.9572 | 72.7717708 | 24.46 | 33.874 | 72.8571875 | 24.31 | 33.9459 |
| 72.6863542 | 24.46 | 33.9598 | 72.7721181 | 24.46 | 33.836 | 72.8575347 | 24.31 | 33.9364 |
| 72.6867014 | 24.46 | 33.9694 | 72.7724653 | 24.46 | 33.8265 | 72.8578819 | 24.31 | 33.9602 |
| 72.6870486 | 24.48 | 33.9238 | 72.7728125 | 24.46 | 33.8028 | 72.8582292 | 24.31 | 33.9126 |
| 72.6873958 | 24.48 | 33.9095 | 72.7731597 | 24.45 | 33.7946 | 72.8585764 | 24.32 | 33.916 |
| 72.6877431 | 24.48 | 33.9238 | 72.7735069 | 24.45 | 33.842 | 72.8589236 | 24.31 | 33.9221 |
| 72.6880903 | 24.48 | 33.8952 | 72.7738542 | 24.45 | 33.8563 | 72.8592708 | 24.28 | 34.0263 |
| 72.6884375 | 24.48 | 33.9333 | 72.7742014 | 24.45 | 33.8325 | 72.8596181 | 24.22 | 34.0869 |
| 72.6887847 | 24.48 | 33.8952 | 72.7745486 | 24.45 | 33.8325 | 72.8599653 | 24.24 | 34.1372 |
| 72.6891319 | 24.48 | 33.9333 | 72.7748958 | 24.45 | 33.8658 | 72.8603125 | 24.24 | 34.0891 |
| 72.6894792 | 24.48 | 33.9333 | 72.7752431 | 24.45 | 33.8183 | 72.8606597 | 24.24 | 34.0363 |
| 72.6898264 | 24.48 | 33.8857 | 72.7755903 | 24.45 | 33.8563 | 72.8610069 | 24.24 | 34.0268 |
| 72.6901736 | 24.48 | 33.8952 | 72.7759375 | 24.45 | 33.8658 | 72.8613542 | 24.24 | 34.0268 |
| 72.6905208 | 24.48 | 33.9716 | 72.7762847 | 24.45 | 33.8088 | 72.8617014 | 24.24 | 34.0363 |
| 72.6908681 | 24.48 | 33.9238 | 72.7766319 | 24.45 | 33.7852 | 72.8620486 | 24.24 | 34.0651 |
| 72.6912153 | 24.48 | 33.919 | 72.7769792 | 24.45 | 33.8325 | 72.8623958 | 24.22 | 34.0773 |
| 72.6915625 | 24.48 | 33.9429 | 72.7773264 | 24.45 | 33.8088 | 72.8627431 | 24.22 | 34.0629 |
| 72.6919097 | 24.46 | 33.9311 | 72.7776736 | 24.45 | 33.8563 | 72.8630903 | 24.24 | 34.0363 |
| 72.6922569 | 24.48 | 33.9572 | 72.7780208 | 24.46 | 33.8028 | 72.8634375 | 24.24 | 34.0603 |
| 72.6926042 | 24.46 | 33.9933 | 72.7783681 | 24.46 | 33.836 | 72.8637847 | 24.24 | 34.0603 |
| 72.6929514 | 24.48 | 33.919 | 72.7787153 | 24.46 | 33.836 | 72.8641319 | 24.22 | 34.0246 |
| 72.6932986 | 24.46 | 33.9694 | 72.7790625 | 24.46 | 33.8265 | 72.8644792 | 24.24 | 34.0747 |
| 72.6936458 | 24.48 | 33.9095 | 72.7794097 | 24.46 | 33.7791 | 72.8648264 | 24.24 | 34.0124 |
| 72.6939931 | 24.48 | 33.9572 | 72.7797569 | 24.46 | 33.8123 | 72.8651736 | 24.24 | 34.0363 |
| 72.6943403 | 24.46 | 33.9311 | 72.7801042 | 24.45 | 33.8183 | 72.8655208 | 24.25 | 34.0207 |
| 72.6946875 | 24.48 | 33.9333 | 72.7804514 | 24.46 | 33.7649 | 72.8658681 | 24.25 | 33.9968 |
| 72.6950347 | 24.46 | 33.955 | 72.7807986 | 24.46 | 33.7886 | 72.8662153 | 24.26 | 34.0002 |
| 72.6953819 | 24.46 | 33.9216 | 72.7811458 | 24.46 | 33.8028 | 72.8665625 | 24.26 | 34.0385 |
| 72.6957292 | 24.46 | 33.9311 | 72.7814931 | 24.45 | 33.8183 | 72.8669097 | 24.25 | 34.0302 |
| 72.6960764 | 24.46 | 33.9073 | 72.7818403 | 24.46 | 33.7886 | 72.8672569 | 24.25 | 34.0063 |
| 72.6964236 | 24.46 | 33.9311 | 72.7821875 | 24.46 | 33.7886 | 72.8676042 | 24.25 | 33.9968 |
| 72.6967708 | 24.46 | 33.9311 | 72.7825347 | 24.45 | 33.8183 | 72.8679514 | 24.26 | 33.9763 |
| 72.6971181 | 24.46 | 33.9789 | 72.7828819 | 24.45 | 33.8088 | 72.8682986 | 24.25 | 33.9968 |
| 72.6974653 | 24.46 | 33.955 | 72.7832292 | 24.46 | 33.8265 | 72.8686458 | 24.24 | 34.0747 |
| 72.6978125 | 24.46 | 33.955 | 72.7835764 | 24.46 | 33.8028 | 72.8689931 | 24.25 | 34.0207 |
| 72.6981597 | 24.46 | 33.955 | 72.7839236 | 24.45 | 33.7852 | 72.8693403 | 24.24 | 34.0507 |
| 72.6985069 | 24.48 | 33.919 | 72.7842708 | 24.45 | 33.8183 | 72.8696875 | 24.26 | 34.0002 |
| 72.6988542 | 24.48 | 33.9429 | 72.7846181 | 24.45 | 33.8088 | 72.8700347 | 24.26 | 33.9763 |
| 72.6992014 | 24.48 | 33.9333 | 72.7849653 | 24.45 | 33.8183 | 72.8703819 | 24.28 | 33.988 |
| 72.6995486 | 24.46 | 33.8692 | 72.7853125 | 24.45 | 33.8183 | 72.8707292 | 24.28 | 34.0119 |
| 72.6998958 | 24.46 | 33.9311 | 72.7856597 | 24.45 | 33.8088 | 72.8710764 | 24.26 | 33.9907 |
| 72.7002431 | 24.46 | 33.893 | 72.7860069 | 24.45 | 33.7946 | 72.8714236 | 24.26 | 34.0385 |
| 72.7005903 | 24.46 | 33.9694 | 72.7863542 | 24.45 | 33.8325 | 72.8717708 | 24.26 | 33.9763 |
| 72.7009375 | 24.48 | 33.919 | 72.7867014 | 24.45 | 33.8088 | 72.8721181 | 24.28 | 33.9642 |
| 72.7012847 | 24.46 | 33.9216 | 72.7870486 | 24.45 | 33.771 | 72.8724653 | 24.28 | 33.9785 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.7016319 | 24.46 | 33.9311 | 72.7873958 | 24.45 | 33.7946 | 72.8728125 | 24.28 | 33.9546 |
| 72.7019792 | 24.46 | 33.9073 | 72.7877431 | 24.45 | 33.771 | 72.8731597 | 24.28 | 33.9403 |
| 72.7023264 | 24.46 | 33.9311 | 72.7880903 | 24.45 | 33.7946 | 72.8735069 | 24.28 | 33.9642 |
| 72.7026736 | 24.46 | 33.9311 | 72.7884375 | 24.45 | 33.8183 | 72.8738542 | 24.29 | 33.9485 |
| 72.7030208 | 24.46 | 33.955 | 72.7887847 | 24.45 | 33.7946 | 72.8742014 | 24.29 | 33.9581 |
| 72.7033681 | 24.46 | 33.9073 | 72.7891319 | 24.45 | 33.771 | 72.8745486 | 24.29 | 33.9819 |
| 72.7037153 | 24.48 | 33.9429 | 72.7894792 | 24.45 | 33.8563 | 72.8748958 | 24.29 | 33.9581 |
| 72.7040625 | 24.48 | 33.9668 | 72.7898264 | 24.45 | 33.7852 | 72.8752431 | 24.29 | 33.9343 |
| 72.7044097 | 24.46 | 33.9407 | 72.7901736 | 24.45 | 33.8183 | 72.8755903 | 24.29 | 33.9485 |
| 72.7047569 | 24.46 | 33.9168 | 72.7905208 | 24.45 | 33.8088 | 72.8759375 | 24.29 | 33.9343 |
| 72.7051042 | 24.46 | 33.9168 | 72.7908681 | 24.42 | 33.8033 | 72.8762847 | 24.29 | 33.9819 |
| 72.7054514 | 24.48 | 33.8571 | 72.7912153 | 24.43 | 33.8446 | 72.8766319 | 24.29 | 33.9724 |
| 72.7057986 | 24.46 | 33.8835 | 72.7915625 | 24.43 | 33.8067 | 72.8769792 | 24.29 | 33.9724 |
| 72.7061458 | 24.46 | 33.9073 | 72.7919097 | 24.43 | 33.8209 | 72.8773264 | 24.28 | 34.0024 |
| 72.7064931 | 24.46 | 33.893 | 72.7922569 | 24.43 | 33.8067 | 72.8776736 | 24.29 | 33.9963 |
| 72.7068403 | 24.46 | 33.9168 | 72.7926042 | 24.43 | 33.8209 | 72.8780208 | 24.29 | 34.0058 |
| 72.7071875 | 24.46 | 33.9073 | 72.7929514 | 24.43 | 33.8304 | 72.8783681 | 24.28 | 33.988 |
| 72.7075347 | 24.46 | 33.9407 | 72.7932986 | 24.43 | 33.7972 | 72.8787153 | 24.28 | 33.988 |
| 72.7078819 | 24.46 | 33.9073 | 72.7936458 | 24.42 | 33.8602 | 72.8790625 | 24.28 | 34.0024 |
| 72.7082292 | 24.46 | 33.9311 | 72.7939931 | 24.42 | 33.8127 | 72.8794097 | 24.29 | 34.0058 |
| 72.7085764 | 24.48 | 33.9047 | 72.7943403 | 24.42 | 33.8033 | 72.8797569 | 24.28 | 33.9546 |
| 72.7089236 | 24.48 | 33.8952 | 72.7946875 | 24.42 | 33.8127 | 72.8801042 | 24.28 | 33.988 |
| 72.7092708 | 24.48 | 33.8809 | 72.7950347 | 24.42 | 33.7654 | 72.8804514 | 24.28 | 33.9546 |
| 72.7096181 | 24.48 | 33.919 | 72.7953819 | 24.42 | 33.8127 | 72.8807986 | 24.28 | 34.0119 |
| 72.7099653 | 24.48 | 33.919 | 72.7957292 | 24.42 | 33.7891 | 72.8811458 | 24.28 | 33.9785 |
| 72.7103125 | 24.48 | 33.9047 | 72.7960764 | 24.41 | 33.833 | 72.8814931 | 24.26 | 33.9763 |
| 72.7106597 | 24.48 | 33.8809 | 72.7964236 | 24.41 | 33.833 | 72.8818403 | 24.26 | 34.0385 |
| 72.7110069 | 24.48 | 33.8809 | 72.7967708 | 24.42 | 33.8033 | 72.8821875 | 24.26 | 33.9907 |
| 72.7113542 | 24.48 | 33.8809 | 72.7971181 | 24.42 | 33.8222 | 72.8825347 | 24.26 | 34.0241 |
| 72.7117014 | 24.48 | 33.8809 | 72.7974653 | 24.42 | 33.8364 | 72.8828819 | 24.26 | 34.0385 |
| 72.7120486 | 24.48 | 33.9286 | 72.7978125 | 24.42 | 33.8364 | 72.8832292 | 24.26 | 34.0002 |
| 72.7123958 | 24.48 | 33.8809 | 72.7981597 | 24.42 | 33.8127 | 72.8835764 | 24.28 | 34.0263 |
| 72.7127431 | 24.48 | 33.8714 | 72.7985069 | 24.42 | 33.8364 | 72.8839236 | 24.28 | 34.0119 |
| 72.7130903 | 24.48 | 33.8666 | 72.7988542 | 24.42 | 33.8127 | 72.8842708 | 24.28 | 33.9785 |
| 72.7134375 | 24.48 | 33.919 | 72.7992014 | 24.42 | 33.8364 | 72.8846181 | 24.28 | 33.9546 |
| 72.7137847 | 24.48 | 33.9047 | 72.7995486 | 24.41 | 33.89 | 72.8849653 | 24.28 | 33.9785 |
| 72.7141319 | 24.48 | 33.9047 | 72.7998958 | 24.41 | 33.8425 | 72.8853125 | 24.28 | 33.988 |
| 72.7144792 | 24.48 | 33.919 | 72.8002431 | 24.41 | 33.8567 | 72.8856597 | 24.28 | 33.988 |
| 72.7148264 | 24.48 | 33.9047 | 72.8005903 | 24.41 | 33.8188 | 72.8860069 | 24.28 | 34.0119 |
| 72.7151736 | 24.48 | 33.8904 | 72.8009375 | 24.41 | 33.8188 | 72.8863542 | 24.28 | 34.0119 |
| 72.7155208 | 24.49 | 33.8987 | 72.8012847 | 24.42 | 33.7891 | 72.8867014 | 24.28 | 34.0119 |
| 72.7158681 | 24.49 | 33.8987 | 72.8016319 | 24.41 | 33.8188 | 72.8870486 | 24.28 | 33.9642 |
| 72.7162153 | 24.48 | 33.8904 | 72.8019792 | 24.41 | 33.8188 | 72.8873958 | 24.28 | 33.988 |
| 72.7165625 | 24.48 | 33.8809 | 72.8023264 | 24.42 | 33.8507 | 72.8877431 | 24.28 | 33.9785 |
| 72.7169097 | 24.48 | 33.9142 | 72.8026736 | 24.42 | 33.7985 | 72.8880903 | 24.28 | 33.988 |
| 72.7172569 | 24.48 | 33.8904 | 72.8030208 | 24.42 | 33.8364 | 72.8884375 | 24.28 | 33.9785 |
| 72.7176042 | 24.48 | 33.8904 | 72.8033681 | 24.42 | 33.8222 | 72.8887847 | 24.28 | 33.9642 |
| 72.7179514 | 24.48 | 33.8571 | 72.8037153 | 24.42 | 33.7985 | 72.8891319 | 24.28 | 33.9308 |
| 72.7182986 | 24.48 | 33.8904 | 72.8040625 | 24.42 | 33.8127 | 72.8894792 | 24.28 | 33.9403 |
| 72.7186458 | 24.48 | 33.8666 | 72.8044097 | 24.42 | 33.8127 | 72.8898264 | 24.29 | 33.9724 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.7189931 | 24.48 | 33.9142 | 72.8047569 | 24.42 | 33.8127 | 72.8901736 | 24.29 | 33.9963 |
| 72.7193403 | 24.48 | 33.8809 | 72.8051042 | 24.42 | 33.8507 | 72.8905208 | 24.29 | 33.9724 |
| 72.7196875 | 24.48 | 33.8429 | 72.8054514 | 24.42 | 33.8364 | 72.8908681 | 24.29 | 34.0058 |
| 72.7200347 | 24.48 | 33.8809 | 72.8057986 | 24.42 | 33.8507 | 72.8912153 | 24.29 | 33.9485 |
| 72.7203819 | 24.5 | 33.845 | 72.8061458 | 24.42 | 33.8222 | 72.8915625 | 24.29 | 33.9819 |
| 72.7207292 | 24.52 | 33.833 | 72.8064931 | 24.42 | 33.7985 | 72.8919097 | 24.29 | 33.9819 |
| 72.7210764 | 24.55 | 33.8481 | 72.8068403 | 24.42 | 33.8222 | 72.8922569 | 24.29 | 33.9485 |
| 72.7214236 | 24.55 | 33.7912 | 72.8071875 | 24.42 | 33.8364 | 72.8926042 | 24.29 | 33.9247 |
| 72.7217708 | 24.55 | 33.8006 | 72.8075347 | 24.42 | 33.7891 | 72.8929514 | 24.29 | 33.9485 |
| 72.7221181 | 24.53 | 33.8127 | 72.8078819 | 24.42 | 33.8127 | 72.8932986 | 24.29 | 33.9724 |
| 72.7224653 | 24.53 | 33.8127 | 72.8082292 | 24.41 | 33.8283 | 72.8936458 | 24.29 | 33.9819 |
| 72.7228125 | 24.52 | 33.8187 | 72.8085764 | 24.42 | 33.8364 | 72.8939931 | 24.28 | 33.9642 |
| 72.7231597 | 24.5 | 33.845 | 72.8089236 | 24.41 | 33.8188 | 72.8943403 | 24.29 | 33.9485 |
| 72.7235069 | 24.52 | 33.8425 | 72.8092708 | 24.41 | 33.8283 | 72.8946875 | 24.29 | 33.9724 |
| 72.7238542 | 24.52 | 33.852 | 72.8096181 | 24.42 | 33.8127 | 72.8950347 | 24.29 | 34.0058 |
| 72.7242014 | 24.5 | 33.8166 | 72.8099653 | 24.41 | 33.8567 | 72.8953819 | 24.29 | 33.9343 |
| 72.7245486 | 24.5 | 33.8545 | 72.8103125 | 24.41 | 33.8188 | 72.8957292 | 24.29 | 33.9581 |
| 72.7248958 | 24.5 | 33.8166 | 72.8106597 | 24.41 | 33.7809 | 72.8960764 | 24.29 | 33.9819 |
| 72.7252431 | 24.5 | 33.8783 | 72.8110069 | 24.42 | 33.8127 | 72.8964236 | 24.28 | 33.9403 |
| 72.7255903 | 24.5 | 33.8403 | 72.8113542 | 24.41 | 33.8283 | 72.8967708 | 24.26 | 34.0146 |
| 72.7259375 | 24.5 | 33.8545 | 72.8117014 | 24.41 | 33.8188 | 72.8971181 | 24.26 | 34.0625 |
| 72.7262847 | 24.5 | 33.864 | 72.8120486 | 24.41 | 33.8662 | 72.8974653 | 24.26 | 33.9763 |
| 72.7266319 | 24.52 | 33.8045 | 72.8123958 | 24.41 | 33.7809 | 72.8978125 | 24.26 | 34.0625 |
| 72.7269792 | 24.53 | 33.8602 | 72.8127431 | 24.41 | 33.8188 | 72.8981597 | 24.26 | 34.0385 |
| 72.7273264 | 24.55 | 33.7769 | 72.8130903 | 24.42 | 33.8127 | 72.8985069 | 24.26 | 33.9668 |
| 72.7276736 | 24.55 | 33.7864 | 72.8134375 | 24.41 | 33.852 | 72.8988542 | 24.26 | 34.0002 |
| 72.7280208 | 24.53 | 33.8222 | 72.8137847 | 24.41 | 33.8046 | 72.8992014 | 24.26 | 34.0625 |
| 72.7283681 | 24.53 | 33.8127 | 72.8141319 | 24.41 | 33.8283 | 72.8995486 | 24.26 | 34.0146 |
| 72.7287153 | 24.55 | 33.8101 | 72.8144792 | 24.41 | 33.8283 | 72.8998958 | 24.28 | 34.0024 |
| 72.7290625 | 24.53 | 33.8364 | 72.8148264 | 24.41 | 33.8188 | 72.9002431 | 24.28 | 33.9642 |
| 72.7294097 | 24.55 | 33.7864 | 72.8151736 | 24.41 | 33.7951 | 72.9005903 | 24.28 | 33.9785 |
| 72.7297569 | 24.53 | 33.8364 | 72.8155208 | 24.41 | 33.8046 | 72.9009375 | 24.28 | 33.9499 |
| 72.7301042 | 24.55 | 33.8339 | 72.8158681 | 24.41 | 33.8283 | 72.9012847 | 24.28 | 33.988 |
| 72.7304514 | 24.55 | 33.8101 | 72.8162153 | 24.41 | 33.8046 | 72.9016319 | 24.29 | 33.9485 |
| 72.7307986 | 24.53 | 33.8602 | 72.8165625 | 24.41 | 33.8188 | 72.9019792 | 24.28 | 34.0119 |
| 72.7311458 | 24.53 | 33.8127 | 72.8169097 | 24.41 | 33.8283 | 72.9023264 | 24.28 | 34.0263 |
| 72.7314931 | 24.53 | 33.8364 | 72.8172569 | 24.41 | 33.8283 | 72.9026736 | 24.28 | 33.9785 |
| 72.7318403 | 24.53 | 33.8222 | 72.8176042 | 24.41 | 33.7809 | 72.9030208 | 24.26 | 33.9668 |
| 72.7321875 | 24.53 | 33.8459 | 72.8179514 | 24.41 | 33.8188 | 72.9033681 | 24.26 | 34.0146 |
| 72.7325347 | 24.52 | 33.8425 | 72.8182986 | 24.41 | 33.8425 | 72.9037153 | 24.26 | 34.0241 |
| 72.7328819 | 24.5 | 33.8783 | 72.8186458 | 24.41 | 33.8188 | 72.9040625 | 24.26 | 34.0385 |
| 72.7332292 | 24.49 | 33.8701 | 72.8189931 | 24.41 | 33.8188 | 72.9044097 | 24.26 | 34.0625 |
| 72.7335764 | 24.49 | 33.8606 | 72.8193403 | 24.41 | 33.7951 | 72.9047569 | 24.26 | 34.0002 |
| 72.7339236 | 24.48 | 33.8761 | 72.8196875 | 24.41 | 33.8283 | 72.9051042 | 24.26 | 33.9907 |
| 72.7342708 | 24.48 | 33.8524 | 72.8200347 | 24.41 | 33.8188 | 72.9054514 | 24.28 | 34.0024 |
| 72.7346181 | 24.48 | 33.9142 | 72.8203819 | 24.41 | 33.8425 | 72.9057986 | 24.28 | 33.988 |
| 72.7349653 | 24.46 | 33.8882 | 72.8207292 | 24.41 | 33.8662 | 72.9061458 | 24.28 | 34.0119 |
| 72.7353125 | 24.48 | 33.9 | | | | | | |

DPS10-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 72.7737269 | 24.64 | 34.1347 | 72.8921296 | 24.51 | 33.602 | 73.0105324 | 24.49 | 33.8177 |
| 72.7740741 | 24.64 | 34.0068 | 72.8924769 | 24.5 | 33.6081 | 73.0108796 | 24.46 | 33.785 |
| 72.7744213 | 24.64 | 33.9315 | 72.8928241 | 24.5 | 33.5943 | 73.0112269 | 24.44 | 33.8344 |
| 72.7747685 | 24.64 | 33.8986 | 72.8931713 | 24.51 | 33.5883 | 73.0115741 | 24.44 | 33.8251 |
| 72.7751157 | 24.64 | 33.8565 | 72.8935185 | 24.5 | 33.6219 | 73.0119213 | 24.44 | 33.8205 |
| 72.775463 | 24.64 | 33.8472 | 72.8938657 | 24.51 | 33.602 | 73.0122685 | 24.43 | 33.8173 |
| 72.7758102 | 24.64 | 33.7679 | 72.894213 | 24.5 | 33.6081 | 73.0126157 | 24.44 | 33.8251 |
| 72.7761574 | 24.64 | 33.8191 | 72.8945602 | 24.5 | 33.5852 | 73.012963 | 24.44 | 33.8019 |
| 72.7765046 | 24.64 | 33.7679 | 72.8949074 | 24.5 | 33.6173 | 73.0133102 | 24.43 | 33.8406 |
| 72.7768519 | 24.64 | 33.8051 | 72.8952546 | 24.51 | 33.5883 | 73.0136574 | 24.43 | 33.8173 |
| 72.7771991 | 24.62 | 33.8127 | 72.8956019 | 24.5 | 33.6081 | 73.0140046 | 24.46 | 33.8222 |
| 72.7775463 | 24.62 | 33.7987 | 72.8959491 | 24.5 | 33.6173 | 73.0143519 | 24.47 | 33.8067 |
| 72.7778935 | 24.62 | 33.7801 | 72.8962963 | 24.51 | 33.5883 | 73.0146991 | 24.47 | 33.8021 |
| 72.7782407 | 24.62 | 33.7429 | 72.8966435 | 24.51 | 33.602 | 73.0150463 | 24.46 | 33.7525 |
| 72.778588 | 24.61 | 33.763 | 72.8969907 | 24.51 | 33.5883 | 73.0153935 | 24.47 | 33.8393 |
| 72.7789352 | 24.61 | 33.749 | 72.897338 | 24.51 | 33.6112 | 73.0157407 | 24.47 | 33.7788 |
| 72.7792824 | 24.61 | 33.7583 | 72.8976852 | 24.51 | 33.5883 | 73.016088 | 24.47 | 33.7788 |
| 72.7796296 | 24.62 | 33.7012 | 72.8980324 | 24.51 | 33.6388 | 73.0164352 | 24.47 | 33.7788 |
| 72.7799769 | 24.62 | 33.7244 | 72.8983796 | 24.53 | 33.6221 | 73.0167824 | 24.47 | 33.816 |
| 72.7803241 | 24.61 | 33.7444 | 72.8987269 | 24.53 | 33.5991 | 73.0171296 | 24.47 | 33.83 |
| 72.7806713 | 24.62 | 33.7244 | 72.8990741 | 24.53 | 33.5991 | 73.0174769 | 24.47 | 33.844 |
| 72.7810185 | 24.61 | 33.6934 | 72.8994213 | 24.53 | 33.6129 | 73.0178241 | 24.46 | 33.8222 |
| 72.7813657 | 24.62 | 33.7197 | 72.8997685 | 24.53 | 33.5853 | 73.0181713 | 24.46 | 33.8222 |
| 72.781713 | 24.61 | 33.7258 | 72.9001157 | 24.53 | 33.5899 | 73.0185185 | 24.47 | 33.7649 |
| 72.7820602 | 24.61 | 33.6888 | 72.900463 | 24.51 | 33.6112 | 73.0188657 | 24.46 | 33.8082 |
| 72.7824074 | 24.6 | 33.7227 | 72.9008102 | 24.51 | 33.602 | 73.019213 | 24.46 | 33.7989 |
| 72.7827546 | 24.61 | 33.6749 | 72.9011574 | 24.53 | 33.6359 | 73.0195602 | 24.46 | 33.8082 |
| 72.7831019 | 24.6 | 33.6717 | 72.9015046 | 24.53 | 33.6083 | 73.0199074 | 24.46 | 33.8082 |
| 72.7834491 | 24.6 | 33.6949 | 72.9018519 | 24.51 | 33.6112 | 73.0202546 | 24.46 | 33.7989 |
| 72.7837963 | 24.6 | 33.681 | 72.9021991 | 24.51 | 33.625 | 73.0206019 | 24.46 | 33.8408 |
| 72.7841435 | 24.6 | 33.6671 | 72.9025463 | 24.51 | 33.5883 | 73.0209491 | 24.46 | 33.8222 |
| 72.7844907 | 24.61 | 33.6749 | 72.9028935 | 24.51 | 33.602 | 73.0212963 | 24.46 | 33.771 |
| 72.784838 | 24.61 | 33.698 | 72.9032407 | 24.51 | 33.5745 | 73.0216435 | 24.46 | 33.7989 |
| 72.7851852 | 24.6 | 33.6764 | 72.903588 | 24.51 | 33.5837 | 73.0219907 | 24.46 | 33.8082 |
| 72.7855324 | 24.61 | 33.6749 | 72.9039352 | 24.51 | 33.6342 | 73.022338 | 24.47 | 33.8067 |
| 72.7858796 | 24.61 | 33.698 | 72.9042824 | 24.51 | 33.5837 | 73.0226852 | 24.49 | 33.8038 |
| 72.7862269 | 24.6 | 33.6902 | 72.9046296 | 24.51 | 33.602 | 73.0230324 | 24.49 | 33.7898 |
| 72.7865741 | 24.61 | 33.6795 | 72.9049769 | 24.51 | 33.6112 | 73.0233796 | 24.49 | 33.7805 |
| 72.7869213 | 24.6 | 33.6764 | 72.9053241 | 24.51 | 33.5745 | 73.0237269 | 24.49 | 33.7805 |
| 72.7872685 | 24.61 | 33.6564 | 72.9056713 | 24.51 | 33.6112 | 73.0240741 | 24.49 | 33.7666 |
| 72.7876157 | 24.61 | 33.7073 | 72.9060185 | 24.51 | 33.5745 | 73.0244213 | 24.49 | 33.7898 |
| 72.787963 | 24.61 | 33.6795 | 72.9063657 | 24.51 | 33.5974 | 73.0247685 | 24.49 | 33.7805 |
| 72.7883102 | 24.61 | 33.6934 | 72.906713 | 24.51 | 33.602 | 73.0251157 | 24.49 | 33.8038 |
| 72.7886574 | 24.61 | 33.6657 | 72.9070602 | 24.51 | 33.6204 | 73.025463 | 24.49 | 33.7898 |
| 72.7890046 | 24.61 | 33.6564 | 72.9074074 | 24.51 | 33.6112 | 73.0258102 | 24.49 | 33.8038 |
| 72.7893519 | 24.6 | 33.6717 | 72.9077546 | 24.53 | 33.5853 | 73.0261574 | 24.5 | 33.8116 |
| 72.7896991 | 24.61 | 33.6657 | 72.9081019 | 24.51 | 33.6112 | 73.0265046 | 24.5 | 33.7373 |
| 72.7900463 | 24.6 | 33.6949 | 72.9084491 | 24.5 | 33.6035 | 73.0268519 | 24.5 | 33.7744 |
| 72.7903935 | 24.6 | 33.6856 | 72.9087963 | 24.5 | 33.5897 | 73.0271991 | 24.5 | 33.7837 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.7907407 | 24.6 | 33.6717 | 72.9091435 | 24.51 | 33.5837 | 73.0275463 | 24.5 | 33.7744 |
| 72.791088 | 24.6 | 33.644 | 72.9094907 | 24.5 | 33.5897 | 73.0278935 | 24.5 | 33.7605 |
| 72.7914352 | 24.6 | 33.6533 | 72.909838 | 24.5 | 33.5943 | 73.0282407 | 24.5 | 33.7837 |
| 72.7917824 | 24.58 | 33.6839 | 72.9101852 | 24.5 | 33.5897 | 73.028588 | 24.5 | 33.8116 |
| 72.7921296 | 24.58 | 33.6701 | 72.9105324 | 24.5 | 33.5806 | 73.0289352 | 24.5 | 33.8349 |
| 72.7924769 | 24.6 | 33.7088 | 72.9108796 | 24.49 | 33.5958 | 73.0292824 | 24.5 | 33.8116 |
| 72.7928241 | 24.6 | 33.6579 | 72.9112269 | 24.5 | 33.6403 | 73.0296296 | 24.51 | 33.7683 |
| 72.7931713 | 24.58 | 33.6701 | 72.9115741 | 24.5 | 33.6035 | 73.0299769 | 24.53 | 33.7561 |
| 72.7935185 | 24.58 | 33.7209 | 72.9119213 | 24.5 | 33.5806 | 73.0303241 | 24.53 | 33.7422 |
| 72.7938657 | 24.6 | 33.6902 | 72.9122685 | 24.49 | 33.6096 | 73.0306713 | 24.53 | 33.7933 |
| 72.794213 | 24.6 | 33.6625 | 72.9126157 | 24.49 | 33.6234 | 73.0310185 | 24.53 | 33.7793 |
| 72.7945602 | 24.6 | 33.681 | 72.912963 | 24.5 | 33.5943 | 73.0313657 | 24.53 | 33.7654 |
| 72.7949074 | 24.6 | 33.6533 | 72.9133102 | 24.49 | 33.6234 | 73.031713 | 24.53 | 33.7514 |
| 72.7952546 | 24.58 | 33.707 | 72.9136574 | 24.5 | 33.5943 | 73.0320602 | 24.53 | 33.7283 |
| 72.7956019 | 24.58 | 33.6562 | 72.9140046 | 24.5 | 33.6173 | 73.0324074 | 24.53 | 33.7654 |
| 72.7959491 | 24.6 | 33.681 | 72.9143519 | 24.49 | 33.5729 | 73.0327546 | 24.53 | 33.7654 |
| 72.7962963 | 24.6 | 33.681 | 72.9146991 | 24.5 | 33.6035 | 73.0331019 | 24.53 | 33.7654 |
| 72.7966435 | 24.6 | 33.6625 | 72.9150463 | 24.51 | 33.5837 | 73.0334491 | 24.53 | 33.7933 |
| 72.7969907 | 24.6 | 33.6902 | 72.9153935 | 24.51 | 33.6204 | 73.0337963 | 24.53 | 33.7886 |
| 72.797338 | 24.6 | 33.6533 | 72.9157407 | 24.5 | 33.6035 | 73.0341435 | 24.53 | 33.7793 |
| 72.7976852 | 24.58 | 33.6793 | 72.916088 | 24.51 | 33.6204 | 73.0344907 | 24.51 | 33.8008 |
| 72.7980324 | 24.58 | 33.6885 | 72.9164352 | 24.5 | 33.6035 | 73.034838 | 24.53 | 33.8026 |
| 72.7983796 | 24.58 | 33.6516 | 72.9167824 | 24.51 | 33.6112 | 73.0351852 | 24.53 | 33.7654 |
| 72.7987269 | 24.58 | 33.6654 | 72.9171296 | 24.51 | 33.5974 | 73.0355324 | 24.51 | 33.7915 |
| 72.7990741 | 24.6 | 33.6902 | 72.9174769 | 24.51 | 33.6112 | 73.0358796 | 24.53 | 33.7654 |
| 72.7994213 | 24.61 | 33.6934 | 72.9178241 | 24.51 | 33.6204 | 73.0362269 | 24.51 | 33.7776 |
| 72.7997685 | 24.6 | 33.6995 | 72.9181713 | 24.51 | 33.6112 | 73.0365741 | 24.51 | 33.7637 |
| 72.8001157 | 24.6 | 33.6625 | 72.9185185 | 24.51 | 33.5974 | 73.0369213 | 24.49 | 33.7805 |
| 72.800463 | 24.58 | 33.6747 | 72.9188657 | 24.51 | 33.5699 | 73.0372685 | 24.5 | 33.7744 |
| 72.8008102 | 24.6 | 33.6764 | 72.919213 | 24.51 | 33.5974 | 73.0376157 | 24.5 | 33.7605 |
| 72.8011574 | 24.58 | 33.6747 | 72.9195602 | 24.51 | 33.6204 | 73.037963 | 24.49 | 33.7759 |
| 72.8015046 | 24.57 | 33.6808 | 72.9199074 | 24.5 | 33.5897 | 73.0383102 | 24.49 | 33.7666 |
| 72.8018519 | 24.55 | 33.6929 | 72.9202546 | 24.5 | 33.5897 | 73.0386574 | 24.49 | 33.7759 |
| 72.8021991 | 24.55 | 33.656 | 72.9206019 | 24.5 | 33.5668 | 73.0390046 | 24.5 | 33.7744 |
| 72.8025463 | 24.55 | 33.6929 | 72.9209491 | 24.5 | 33.5897 | 73.0393519 | 24.49 | 33.8131 |
| 72.8028935 | 24.54 | 33.6713 | 72.9212963 | 24.5 | 33.5897 | 73.0396991 | 24.49 | 33.7666 |
| 72.8032407 | 24.55 | 33.6652 | 72.9216435 | 24.5 | 33.5989 | 73.0400463 | 24.47 | 33.7788 |
| 72.803588 | 24.57 | 33.6531 | 72.9219907 | 24.5 | 33.576 | 73.0403935 | 24.49 | 33.8038 |
| 72.8039352 | 24.57 | 33.69 | 72.922338 | 24.5 | 33.6035 | 73.0407407 | 24.46 | 33.785 |
| 72.8042824 | 24.57 | 33.6531 | 72.9226852 | 24.5 | 33.576 | 73.041088 | 24.44 | 33.8344 |
| 72.8046296 | 24.55 | 33.6375 | 72.9230324 | 24.5 | 33.5897 | 73.0414352 | 24.43 | 33.8266 |
| 72.8049769 | 24.55 | 33.6883 | 72.9233796 | 24.5 | 33.6265 | 73.0417824 | 24.43 | 33.8406 |
| 72.8053241 | 24.55 | 33.6791 | 72.9237269 | 24.5 | 33.576 | 73.0421296 | 24.43 | 33.8545 |
| 72.8056713 | 24.55 | 33.6791 | 72.9240741 | 24.5 | 33.6265 | 73.0424769 | 24.43 | 33.8266 |
| 72.8060185 | 24.55 | 33.6791 | 72.9244213 | 24.5 | 33.5897 | 73.0428241 | 24.43 | 33.8545 |
| 72.8063657 | 24.57 | 33.6392 | 72.9247685 | 24.5 | 33.576 | 73.0431713 | 24.44 | 33.8205 |
| 72.806713 | 24.57 | 33.6208 | 72.9251157 | 24.5 | 33.6127 | 73.0435185 | 24.43 | 33.8173 |
| 72.8070602 | 24.57 | 33.6761 | 72.925463 | 24.51 | 33.5974 | 73.0438657 | 24.43 | 33.8406 |
| 72.8074074 | 24.58 | 33.6562 | 72.9258102 | 24.5 | 33.6127 | 73.044213 | 24.43 | 33.8266 |
| 72.8077546 | 24.57 | 33.6623 | 72.9261574 | 24.5 | 33.6035 | 73.0445602 | 24.43 | 33.8406 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8081019 | 24.57 | 33.6669 | 72.9265046 | 24.5 | 33.6127 | 73.0449074 | 24.43 | 33.8639 |
| 72.8084491 | 24.58 | 33.6562 | 72.9268519 | 24.5 | 33.5897 | 73.0452546 | 24.43 | 33.8266 |
| 72.8087963 | 24.57 | 33.6484 | 72.9271991 | 24.5 | 33.6035 | 73.0456019 | 24.43 | 33.8406 |
| 72.8091435 | 24.57 | 33.6531 | 72.9275463 | 24.5 | 33.576 | 73.0459491 | 24.43 | 33.8545 |
| 72.8094907 | 24.57 | 33.6484 | 72.9278935 | 24.5 | 33.576 | 73.0462963 | 24.43 | 33.8173 |
| 72.809838 | 24.57 | 33.69 | 72.9282407 | 24.5 | 33.5622 | 73.0466435 | 24.43 | 33.8545 |
| 72.8101852 | 24.57 | 33.6623 | 72.928588 | 24.5 | 33.5989 | 73.0469907 | 24.43 | 33.8266 |
| 72.8105324 | 24.57 | 33.6761 | 72.9289352 | 24.5 | 33.6127 | 73.047338 | 24.42 | 33.8188 |
| 72.8108796 | 24.57 | 33.6531 | 72.9292824 | 24.5 | 33.576 | 73.0476852 | 24.43 | 33.8173 |
| 72.8112269 | 24.57 | 33.6623 | 72.9296296 | 24.5 | 33.5897 | 73.0480324 | 24.43 | 33.8266 |
| 72.8115741 | 24.57 | 33.6346 | 72.9299769 | 24.5 | 33.5897 | 73.0483796 | 24.43 | 33.8266 |
| 72.8119213 | 24.57 | 33.6254 | 72.9303241 | 24.5 | 33.5989 | 73.0487269 | 24.42 | 33.8467 |
| 72.8122685 | 24.57 | 33.6623 | 72.9306713 | 24.5 | 33.6035 | 73.0490741 | 24.42 | 33.8467 |
| 72.8126157 | 24.57 | 33.6623 | 72.9310185 | 24.5 | 33.5897 | 73.0494213 | 24.42 | 33.8188 |
| 72.812963 | 24.57 | 33.6715 | 72.9313657 | 24.5 | 33.6173 | 73.0497685 | 24.42 | 33.8327 |
| 72.8133102 | 24.57 | 33.6346 | 72.931713 | 24.49 | 33.5958 | 73.0501157 | 24.42 | 33.8234 |
| 72.8136574 | 24.55 | 33.6468 | 72.9320602 | 24.5 | 33.576 | 73.050463 | 24.42 | 33.8188 |
| 72.8140046 | 24.55 | 33.6606 | 72.9324074 | 24.5 | 33.5531 | 73.0508102 | 24.42 | 33.8467 |
| 72.8143519 | 24.57 | 33.6623 | 72.9327546 | 24.5 | 33.5989 | 73.0511574 | 24.42 | 33.8234 |
| 72.8146991 | 24.57 | 33.6623 | 72.9331019 | 24.5 | 33.5668 | 73.0515046 | 24.42 | 33.8188 |
| 72.8150463 | 24.57 | 33.6392 | 72.9334491 | 24.5 | 33.5852 | 73.0518519 | 24.4 | 33.845 |
| 72.8153935 | 24.57 | 33.6346 | 72.9337963 | 24.5 | 33.5668 | 73.0521991 | 24.4 | 33.845 |
| 72.8157407 | 24.57 | 33.6484 | 72.9341435 | 24.5 | 33.5989 | 73.0525463 | 24.4 | 33.831 |
| 72.816088 | 24.57 | 33.607 | 72.9344907 | 24.5 | 33.6219 | 73.0528935 | 24.4 | 33.845 |
| 72.8164352 | 24.58 | 33.6747 | 72.934838 | 24.5 | 33.5989 | 73.0532407 | 24.4 | 33.845 |
| 72.8167824 | 24.57 | 33.6346 | 72.9351852 | 24.5 | 33.576 | 73.053588 | 24.4 | 33.873 |
| 72.8171296 | 24.58 | 33.6147 | 72.9355324 | 24.5 | 33.5622 | 73.0539352 | 24.4 | 33.859 |
| 72.8174769 | 24.58 | 33.6285 | 72.9358796 | 24.5 | 33.6035 | 73.0542824 | 24.4 | 33.8357 |
| 72.8178241 | 24.58 | 33.6377 | 72.9362269 | 24.49 | 33.605 | 73.0546296 | 24.39 | 33.8791 |
| 72.8181713 | 24.58 | 33.6285 | 72.9365741 | 24.5 | 33.5485 | 73.0549769 | 24.39 | 33.8884 |
| 72.8185185 | 24.57 | 33.6438 | 72.9369213 | 24.5 | 33.576 | 73.0553241 | 24.4 | 33.859 |
| 72.8188657 | 24.6 | 33.6256 | 72.9372685 | 24.5 | 33.576 | 73.0556713 | 24.39 | 33.8279 |
| 72.819213 | 24.6 | 33.6394 | 72.9376157 | 24.5 | 33.5989 | 73.0560185 | 24.39 | 33.8279 |
| 72.8195602 | 24.58 | 33.6147 | 72.937963 | 24.49 | 33.6096 | 73.0563657 | 24.39 | 33.8791 |
| 72.8199074 | 24.58 | 33.6147 | 72.9383102 | 24.49 | 33.582 | 73.056713 | 24.39 | 33.8279 |
| 72.8202546 | 24.58 | 33.6516 | 72.9386574 | 24.49 | 33.5683 | 73.0570602 | 24.39 | 33.8418 |
| 72.8206019 | 24.58 | 33.6654 | 72.9390046 | 24.49 | 33.5912 | 73.0574074 | 24.39 | 33.8791 |
| 72.8209491 | 24.58 | 33.6285 | 72.9393519 | 24.49 | 33.5912 | 73.0577546 | 24.39 | 33.8651 |
| 72.8212963 | 24.58 | 33.6377 | 72.9396991 | 24.49 | 33.5545 | 73.0581019 | 24.39 | 33.8511 |
| 72.8216435 | 24.58 | 33.6516 | 72.9400463 | 24.49 | 33.582 | 73.0584491 | 24.39 | 33.8791 |
| 72.8219907 | 24.58 | 33.647 | 72.9403935 | 24.49 | 33.605 | 73.0587963 | 24.39 | 33.8791 |
| 72.822338 | 24.58 | 33.6654 | 72.9407407 | 24.49 | 33.5958 | 73.0591435 | 24.39 | 33.8651 |
| 72.8226852 | 24.58 | 33.6608 | 72.941088 | 24.49 | 33.605 | 73.0594907 | 24.39 | 33.8418 |
| 72.8230324 | 24.6 | 33.6348 | 72.9414352 | 24.49 | 33.582 | 73.059838 | 24.37 | 33.9007 |
| 72.8233796 | 24.6 | 33.6118 | 72.9417824 | 24.49 | 33.582 | 73.0601852 | 24.37 | 33.8541 |
| 72.8237269 | 24.58 | 33.6239 | 72.9421296 | 24.49 | 33.605 | 73.0605324 | 24.39 | 33.8372 |
| 72.8240741 | 24.58 | 33.6239 | 72.9424769 | 24.49 | 33.5912 | 73.0608796 | 24.37 | 33.8634 |
| 72.8244213 | 24.58 | 33.6101 | 72.9428241 | 24.49 | 33.5683 | 73.0612269 | 24.37 | 33.8774 |
| 72.8247685 | 24.58 | 33.6331 | 72.9431713 | 24.49 | 33.6188 | 73.0615741 | 24.37 | 33.8774 |
| 72.8251157 | 24.58 | 33.6101 | 72.9435185 | 24.49 | 33.5545 | 73.0619213 | 24.37 | 33.8774 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.825463 | 24.58 | 33.6101 | 72.9438657 | 24.49 | 33.582 | 73.0622685 | 24.37 | 33.8774 |
| 72.8258102 | 24.6 | 33.6348 | 72.944213 | 24.49 | 33.6188 | 73.0626157 | 24.37 | 33.8541 |
| 72.8261574 | 24.58 | 33.6239 | 72.9445602 | 24.49 | 33.5775 | 73.062963 | 24.37 | 33.8914 |
| 72.8265046 | 24.58 | 33.6377 | 72.9449074 | 24.49 | 33.5683 | 73.0633102 | 24.37 | 33.8914 |
| 72.8268519 | 24.6 | 33.621 | 72.9452546 | 24.49 | 33.5454 | 73.0636574 | 24.37 | 33.8728 |
| 72.8271991 | 24.6 | 33.621 | 72.9456019 | 24.49 | 33.5545 | 73.0640046 | 24.37 | 33.8262 |
| 72.8275463 | 24.58 | 33.6562 | 72.9459491 | 24.49 | 33.5912 | 73.0643519 | 24.37 | 33.8914 |
| 72.8278935 | 24.58 | 33.6101 | 72.9462963 | 24.49 | 33.5545 | 73.0646991 | 24.37 | 33.8774 |
| 72.8282407 | 24.6 | 33.6487 | 72.9466435 | 24.49 | 33.5408 | 73.0650463 | 24.37 | 33.8634 |
| 72.828588 | 24.58 | 33.6193 | 72.9469907 | 24.49 | 33.5545 | 73.0653935 | 24.37 | 33.8774 |
| 72.8289352 | 24.58 | 33.6331 | 72.947338 | 24.5 | 33.576 | 73.0657407 | 24.37 | 33.8634 |
| 72.8292824 | 24.58 | 33.6377 | 72.9476852 | 24.49 | 33.5545 | 73.066088 | 24.36 | 33.8696 |
| 72.8296296 | 24.58 | 33.6331 | 72.9480324 | 24.49 | 33.5454 | 73.0664352 | 24.36 | 33.9069 |
| 72.8299769 | 24.58 | 33.647 | 72.9483796 | 24.49 | 33.5775 | 73.0667824 | 24.36 | 33.8976 |
| 72.8303241 | 24.58 | 33.6331 | 72.9487269 | 24.49 | 33.5912 | 73.0671296 | 24.36 | 33.8603 |
| 72.8306713 | 24.58 | 33.6331 | 72.9490741 | 24.47 | 33.5942 | 73.0674769 | 24.36 | 33.8696 |
| 72.8310185 | 24.58 | 33.6101 | 72.9494213 | 24.47 | 33.6034 | 73.0678241 | 24.36 | 33.8696 |
| 72.8313657 | 24.58 | 33.5963 | 72.9497685 | 24.47 | 33.5804 | 73.0681713 | 24.36 | 33.8603 |
| 72.831713 | 24.58 | 33.647 | 72.9501157 | 24.47 | 33.5667 | 73.0685185 | 24.36 | 33.8836 |
| 72.8320602 | 24.58 | 33.5917 | 72.950463 | 24.47 | 33.5804 | 73.0688657 | 24.36 | 33.8463 |
| 72.8324074 | 24.58 | 33.647 | 72.9508102 | 24.47 | 33.5667 | 73.069213 | 24.36 | 33.8696 |
| 72.8327546 | 24.58 | 33.6331 | 72.9511574 | 24.47 | 33.5804 | 73.0695602 | 24.36 | 33.8742 |
| 72.8331019 | 24.58 | 33.6101 | 72.9515046 | 24.47 | 33.5529 | 73.0699074 | 24.36 | 33.8556 |
| 72.8334491 | 24.57 | 33.6531 | 72.9518519 | 24.47 | 33.6126 | 73.0702546 | 24.36 | 33.8929 |
| 72.8337963 | 24.58 | 33.6331 | 72.9521991 | 24.47 | 33.6172 | 73.0706019 | 24.36 | 33.8836 |
| 72.8341435 | 24.58 | 33.6331 | 72.9525463 | 24.47 | 33.5942 | 73.0709491 | 24.36 | 33.8603 |
| 72.8344907 | 24.58 | 33.6101 | 72.9528935 | 24.47 | 33.5896 | 73.0712963 | 24.35 | 33.8757 |
| 72.834838 | 24.58 | 33.647 | 72.9532407 | 24.47 | 33.5896 | 73.0716435 | 24.35 | 33.8757 |
| 72.8351852 | 24.58 | 33.6331 | 72.953588 | 24.47 | 33.6034 | 73.0719907 | 24.36 | 33.8696 |
| 72.8355324 | 24.58 | 33.6424 | 72.9539352 | 24.47 | 33.6034 | 73.072338 | 24.35 | 33.8524 |
| 72.8358796 | 24.58 | 33.6331 | 72.9542824 | 24.47 | 33.6034 | 73.0726852 | 24.35 | 33.8664 |
| 72.8362269 | 24.58 | 33.6193 | 72.9546296 | 24.49 | 33.628 | 73.0730324 | 24.35 | 33.8757 |
| 72.8365741 | 24.58 | 33.6193 | 72.9549769 | 24.5 | 33.6588 | 73.0733796 | 24.36 | 33.8463 |
| 72.8369213 | 24.57 | 33.6531 | 72.9553241 | 24.51 | 33.6481 | 73.0737269 | 24.36 | 33.8696 |
| 72.8372685 | 24.58 | 33.6285 | 72.9556713 | 24.51 | 33.6527 | 73.0740741 | 24.35 | 33.9037 |
| 72.8376157 | 24.58 | 33.6193 | 72.9560185 | 24.53 | 33.6405 | 73.0744213 | 24.35 | 33.8897 |
| 72.837963 | 24.57 | 33.6254 | 72.9563657 | 24.51 | 33.6388 | 73.0747685 | 24.35 | 33.8664 |
| 72.8383102 | 24.57 | 33.6346 | 72.956713 | 24.53 | 33.6636 | 73.0751157 | 24.35 | 33.9177 |
| 72.8386574 | 24.57 | 33.6254 | 72.9570602 | 24.51 | 33.6388 | 73.075463 | 24.35 | 33.8897 |
| 72.8390046 | 24.58 | 33.6331 | 72.9574074 | 24.53 | 33.6267 | 73.0758102 | 24.33 | 33.8601 |
| 72.8393519 | 24.58 | 33.6562 | 72.9577546 | 24.53 | 33.6497 | 73.0761574 | 24.35 | 33.8664 |
| 72.8396991 | 24.57 | 33.6116 | 72.9581019 | 24.53 | 33.6405 | 73.0765046 | 24.35 | 33.8757 |
| 72.8400463 | 24.57 | 33.5978 | 72.9584491 | 24.53 | 33.6267 | 73.0768519 | 24.35 | 33.9037 |
| 72.8403935 | 24.57 | 33.6116 | 72.9587963 | 24.53 | 33.6636 | 73.0771991 | 24.33 | 33.8647 |
| 72.8407407 | 24.57 | 33.5978 | 72.9591435 | 24.53 | 33.6497 | 73.0775463 | 24.35 | 33.8897 |
| 72.841088 | 24.57 | 33.6116 | 72.9594907 | 24.51 | 33.6619 | 73.0778935 | 24.35 | 33.8757 |
| 72.8414352 | 24.58 | 33.6193 | 72.959838 | 24.51 | 33.625 | 73.0782407 | 24.33 | 33.8787 |
| 72.8417824 | 24.57 | 33.6346 | 72.9601852 | 24.51 | 33.6388 | 73.078588 | 24.35 | 33.8757 |
| 72.8421296 | 24.57 | 33.6484 | 72.9605324 | 24.51 | 33.6388 | 73.0789352 | 24.35 | 33.8851 |
| 72.8424769 | 24.57 | 33.6116 | 72.9608796 | 24.5 | 33.6311 | 73.0792824 | 24.33 | 33.902 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8428241 | 24.57 | 33.6116 | 72.9612269 | 24.5 | 33.6541 | 73.0796296 | 24.33 | 33.916 |
| 72.8431713 | 24.57 | 33.6116 | 72.9615741 | 24.5 | 33.6219 | 73.0799769 | 24.33 | 33.902 |
| 72.8435185 | 24.58 | 33.5917 | 72.9619213 | 24.49 | 33.6142 | 73.0803241 | 24.33 | 33.8741 |
| 72.8438657 | 24.57 | 33.6254 | 72.9622685 | 24.49 | 33.5866 | 73.0806713 | 24.33 | 33.8741 |
| 72.844213 | 24.58 | 33.6055 | 72.9626157 | 24.49 | 33.6004 | 73.0810185 | 24.33 | 33.8647 |
| 72.8445602 | 24.57 | 33.5978 | 72.962963 | 24.49 | 33.6142 | 73.0813657 | 24.33 | 33.888 |
| 72.8449074 | 24.57 | 33.6346 | 72.9633102 | 24.49 | 33.628 | 73.081713 | 24.33 | 33.902 |
| 72.8452546 | 24.58 | 33.6654 | 72.9636574 | 24.49 | 33.6372 | 73.0820602 | 24.33 | 33.9114 |
| 72.8456019 | 24.57 | 33.6254 | 72.9640046 | 24.49 | 33.6096 | 73.0824074 | 24.33 | 33.8647 |
| 72.8459491 | 24.57 | 33.5978 | 72.9643519 | 24.49 | 33.651 | 73.0827546 | 24.33 | 33.902 |
| 72.8462963 | 24.57 | 33.5978 | 72.9646991 | 24.49 | 33.6142 | 73.0831019 | 24.33 | 33.8974 |
| 72.8466435 | 24.57 | 33.6715 | 72.9650463 | 24.49 | 33.6372 | 73.0834491 | 24.33 | 33.888 |
| 72.8469907 | 24.57 | 33.6254 | 72.9653935 | 24.49 | 33.6142 | 73.0837963 | 24.33 | 33.888 |
| 72.847338 | 24.57 | 33.6254 | 72.9657407 | 24.49 | 33.651 | 73.0841435 | 24.33 | 33.916 |
| 72.8476852 | 24.57 | 33.584 | 72.966088 | 24.49 | 33.628 | 73.0844907 | 24.33 | 33.8415 |
| 72.8480324 | 24.57 | 33.6484 | 72.9664352 | 24.49 | 33.6004 | 73.084838 | 24.33 | 33.888 |
| 72.8483796 | 24.57 | 33.6346 | 72.9667824 | 24.49 | 33.6142 | 73.0851852 | 24.32 | 33.8709 |
| 72.8487269 | 24.57 | 33.6484 | 72.9671296 | 24.49 | 33.5912 | 73.0855324 | 24.33 | 33.9254 |
| 72.8490741 | 24.57 | 33.6116 | 72.9674769 | 24.49 | 33.6372 | 73.0858796 | 24.33 | 33.888 |
| 72.8494213 | 24.57 | 33.6254 | 72.9678241 | 24.49 | 33.628 | 73.0862269 | 24.32 | 33.9222 |
| 72.8497685 | 24.57 | 33.6346 | 72.9681713 | 24.5 | 33.6311 | 73.0865741 | 24.33 | 33.888 |
| 72.8501157 | 24.57 | 33.6346 | 72.9685185 | 24.5 | 33.6311 | 73.0869213 | 24.33 | 33.902 |
| 72.850463 | 24.57 | 33.6438 | 72.9688657 | 24.5 | 33.6035 | 73.0872685 | 24.32 | 33.8849 |
| 72.8508102 | 24.57 | 33.6761 | 72.969213 | 24.5 | 33.6173 | 73.0876157 | 24.32 | 33.9316 |
| 72.8511574 | 24.57 | 33.5978 | 72.9695602 | 24.51 | 33.625 | 73.087963 | 24.32 | 33.8942 |
| 72.8515046 | 24.57 | 33.6208 | 72.9699074 | 24.51 | 33.6388 | 73.0883102 | 24.33 | 33.8741 |
| 72.8518519 | 24.57 | 33.6116 | 72.9702546 | 24.54 | 33.6667 | 73.0886574 | 24.32 | 33.9456 |
| 72.8521991 | 24.57 | 33.63 | 72.9706019 | 24.54 | 33.6898 | 73.0890046 | 24.32 | 33.9082 |
| 72.8525463 | 24.57 | 33.607 | 72.9709491 | 24.53 | 33.6959 | 73.0893519 | 24.32 | 33.8849 |
| 72.8528935 | 24.57 | 33.6577 | 72.9712963 | 24.53 | 33.6866 | 73.0896991 | 24.32 | 33.8849 |
| 72.8532407 | 24.57 | 33.6208 | 72.9716435 | 24.54 | 33.6436 | 73.0900463 | 24.33 | 33.9254 |
| 72.853588 | 24.57 | 33.584 | 72.9719907 | 24.53 | 33.6497 | 73.0903935 | 24.32 | 33.8569 |
| 72.8539352 | 24.57 | 33.607 | 72.972338 | 24.53 | 33.6221 | 73.0907407 | 24.33 | 33.888 |
| 72.8542824 | 24.57 | 33.6208 | 72.9726852 | 24.53 | 33.5945 | 73.091088 | 24.32 | 33.9222 |
| 72.8546296 | 24.57 | 33.5932 | 72.9730324 | 24.51 | 33.6342 | 73.0914352 | 24.33 | 33.888 |
| 72.8549769 | 24.57 | 33.6346 | 72.9733796 | 24.51 | 33.6204 | 73.0917824 | 24.32 | 33.8569 |
| 72.8553241 | 24.57 | 33.6346 | 72.9737269 | 24.53 | 33.6129 | 73.0921296 | 24.32 | 33.8802 |
| 72.8556713 | 24.57 | 33.6208 | 72.9740741 | 24.54 | 33.6667 | 73.0924769 | 24.33 | 33.902 |
| 72.8560185 | 24.57 | 33.6438 | 72.9744213 | 24.53 | 33.6682 | 73.0928241 | 24.32 | 33.9082 |
| 72.8563657 | 24.55 | 33.6053 | 72.9747685 | 24.5 | 33.7512 | 73.0931713 | 24.33 | 33.888 |
| 72.856713 | 24.57 | 33.6116 | 72.9751157 | 24.54 | 33.6898 | 73.0935185 | 24.33 | 33.8647 |
| 72.8570602 | 24.55 | 33.6422 | 72.975463 | 24.53 | 33.6728 | 73.0938657 | 24.33 | 33.902 |
| 72.8574074 | 24.55 | 33.6329 | 72.9758102 | 24.53 | 33.6451 | 73.094213 | 24.33 | 33.902 |
| 72.8577546 | 24.55 | 33.6329 | 72.9761574 | 24.53 | 33.6589 | 73.0945602 | 24.33 | 33.888 |
| 72.8581019 | 24.55 | 33.6191 | 72.9765046 | 24.54 | 33.616 | 73.0949074 | 24.33 | 33.8741 |
| 72.8584491 | 24.55 | 33.656 | 72.9768519 | 24.54 | 33.699 | 73.0952546 | 24.33 | 33.8741 |
| 72.8587963 | 24.57 | 33.6208 | 72.9771991 | 24.51 | 33.6942 | 73.0956019 | 24.35 | 33.8757 |
| 72.8591435 | 24.57 | 33.607 | 72.9775463 | 24.5 | 33.7281 | 73.0959491 | 24.33 | 33.8741 |
| 72.8594907 | 24.57 | 33.584 | 72.9778935 | 24.5 | 33.7281 | 73.0962963 | 24.35 | 33.8664 |
| 72.859838 | 24.55 | 33.6468 | 72.9782407 | 24.5 | 33.7281 | 73.0966435 | 24.35 | 33.8991 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8601852 | 24.55 | 33.6329 | 72.978588 | 24.51 | 33.685 | 73.0969907 | 24.35 | 33.8757 |
| 72.8605324 | 24.55 | 33.6329 | 72.9789352 | 24.51 | 33.7081 | 73.097338 | 24.35 | 33.8618 |
| 72.8608796 | 24.55 | 33.6422 | 72.9792824 | 24.53 | 33.719 | 73.0976852 | 24.33 | 33.8601 |
| 72.8612269 | 24.55 | 33.6053 | 72.9796296 | 24.53 | 33.7098 | 73.0980324 | 24.35 | 33.8897 |
| 72.8615741 | 24.55 | 33.6191 | 72.9799769 | 24.53 | 33.7098 | 73.0983796 | 24.35 | 33.8991 |
| 72.8619213 | 24.55 | 33.6191 | 72.9803241 | 24.51 | 33.7173 | 73.0987269 | 24.33 | 33.8647 |
| 72.8622685 | 24.55 | 33.6191 | 72.9806713 | 24.53 | 33.6959 | 73.0990741 | 24.35 | 33.8478 |
| 72.8626157 | 24.54 | 33.6206 | 72.9810185 | 24.53 | 33.719 | 73.0994213 | 24.35 | 33.8851 |
| 72.862963 | 24.55 | 33.6191 | 72.9813657 | 24.53 | 33.682 | 73.0997685 | 24.33 | 33.8508 |
| 72.8633102 | 24.55 | 33.6191 | 72.981713 | 24.53 | 33.6959 | 73.1001157 | 24.35 | 33.8664 |
| 72.8636574 | 24.55 | 33.5915 | 72.9820602 | 24.53 | 33.7051 | 73.100463 | 24.35 | 33.8991 |
| 72.8640046 | 24.55 | 33.6053 | 72.9824074 | 24.53 | 33.7051 | 73.1008102 | 24.35 | 33.8851 |
| 72.8643519 | 24.55 | 33.6191 | 72.9827546 | 24.53 | 33.7329 | 73.1011574 | 24.35 | 33.8757 |
| 72.8646991 | 24.55 | 33.6191 | 72.9831019 | 24.53 | 33.682 | 73.1015046 | 24.33 | 33.8787 |
| 72.8650463 | 24.55 | 33.6422 | 72.9834491 | 24.53 | 33.719 | 73.1018519 | 24.35 | 33.8618 |
| 72.8653935 | 24.55 | 33.6145 | 72.9837963 | 24.53 | 33.7329 | 73.1021991 | 24.35 | 33.8897 |
| 72.8657407 | 24.55 | 33.6329 | 72.9841435 | 24.53 | 33.7468 | 73.1025463 | 24.35 | 33.8478 |
| 72.866088 | 24.55 | 33.6283 | 72.9844907 | 24.53 | 33.7468 | 73.1028935 | 24.35 | 33.8897 |
| 72.8664352 | 24.55 | 33.6053 | 72.984838 | 24.54 | 33.699 | 73.1032407 | 24.35 | 33.8757 |
| 72.8667824 | 24.54 | 33.6114 | 72.9851852 | 24.54 | 33.6898 | 73.103588 | 24.35 | 33.8524 |
| 72.8671296 | 24.55 | 33.656 | 72.9855324 | 24.54 | 33.7129 | 73.1039352 | 24.35 | 33.8757 |
| 72.8674769 | 24.55 | 33.6329 | 72.9858796 | 24.54 | 33.7407 | 73.1042824 | 24.33 | 33.8741 |
| 72.8678241 | 24.55 | 33.6329 | 72.9862269 | 24.54 | 33.7361 | 73.1046296 | 24.33 | 33.8508 |
| 72.8681713 | 24.55 | 33.6191 | 72.9865741 | 24.54 | 33.699 | 73.1049769 | 24.33 | 33.888 |
| 72.8685185 | 24.55 | 33.656 | 72.9869213 | 24.54 | 33.7268 | 73.1053241 | 24.33 | 33.9114 |
| 72.8688657 | 24.55 | 33.6422 | 72.9872685 | 24.53 | 33.7236 | 73.1056713 | 24.33 | 33.8601 |
| 72.869213 | 24.55 | 33.6422 | 72.9876157 | 24.53 | 33.719 | 73.1060185 | 24.33 | 33.916 |
| 72.8695602 | 24.55 | 33.6422 | 72.987963 | 24.53 | 33.7793 | 73.1063657 | 24.33 | 33.8647 |
| 72.8699074 | 24.55 | 33.6422 | 72.9883102 | 24.53 | 33.77 | 73.106713 | 24.35 | 33.8851 |
| 72.8702546 | 24.55 | 33.6283 | 72.9886574 | 24.53 | 33.77 | 73.1070602 | 24.33 | 33.888 |
| 72.8706019 | 24.55 | 33.6422 | 72.9890046 | 24.51 | 33.7544 | 73.1074074 | 24.33 | 33.8647 |
| 72.8709491 | 24.55 | 33.6191 | 72.9893519 | 24.51 | 33.7451 | 73.1077546 | 24.33 | 33.9254 |
| 72.8712963 | 24.55 | 33.6145 | 72.9896991 | 24.51 | 33.759 | 73.1081019 | 24.33 | 33.8741 |
| 72.8716435 | 24.55 | 33.5915 | 72.9900463 | 24.51 | 33.7915 | 73.1084491 | 24.33 | 33.8601 |
| 72.8719907 | 24.55 | 33.6422 | 72.9903935 | 24.53 | 33.7561 | 73.1087963 | 24.32 | 33.9175 |
| 72.872338 | 24.54 | 33.6114 | 72.9907407 | 24.51 | 33.7822 | 73.1091435 | 24.32 | 33.8569 |
| 72.8726852 | 24.55 | 33.6283 | 72.991088 | 24.53 | 33.7561 | 73.1094907 | 24.32 | 33.8849 |
| 72.8730324 | 24.55 | 33.5961 | 72.9914352 | 24.53 | 33.7793 | 73.109838 | 24.32 | 33.9035 |
| 72.8733796 | 24.55 | 33.656 | 72.9917824 | 24.51 | 33.8055 | 73.1101852 | 24.32 | 33.8662 |
| 72.8737269 | 24.55 | 33.6422 | 72.9921296 | 24.51 | 33.7451 | 73.1105324 | 24.32 | 33.8942 |
| 72.8740741 | 24.55 | 33.6514 | 72.9924769 | 24.51 | 33.759 | 73.1108796 | 24.32 | 33.8942 |
| 72.8744213 | 24.54 | 33.6344 | 72.9928241 | 24.51 | 33.8055 | 73.1112269 | 24.32 | 33.8942 |
| 72.8747685 | 24.54 | 33.6575 | 72.9931713 | 24.51 | 33.7451 | 73.1115741 | 24.32 | 33.9082 |
| 72.8751157 | 24.54 | 33.6344 | 72.9935185 | 24.51 | 33.7683 | 73.1119213 | 24.32 | 33.9082 |
| 72.875463 | 24.54 | 33.6482 | 72.9938657 | 24.51 | 33.7822 | 73.1122685 | 24.32 | 33.8569 |
| 72.8758102 | 24.54 | 33.6252 | 72.994213 | 24.51 | 33.7822 | 73.1126157 | 24.32 | 33.8569 |
| 72.8761574 | 24.55 | 33.5778 | 72.9945602 | 24.53 | 33.77 | 73.112963 | 24.32 | 33.8802 |
| 72.8765046 | 24.54 | 33.6252 | 72.9949074 | 24.53 | 33.7468 | 73.1133102 | 24.3 | 33.9065 |
| 72.8768519 | 24.54 | 33.6206 | 72.9952546 | 24.53 | 33.7422 | 73.1136574 | 24.3 | 33.9159 |
| 72.8771991 | 24.54 | 33.6206 | 72.9956019 | 24.53 | 33.7422 | 73.1140046 | 24.3 | 33.8785 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.8775463 | 24.54 | 33.5976 | 72.9959491 | 24.53 | 33.7329 | 73.1143519 | 24.3 | 33.9159 |
| 72.8778935 | 24.54 | 33.6206 | 72.9962963 | 24.53 | 33.7654 | 73.1146991 | 24.3 | 33.8785 |
| 72.8782407 | 24.54 | 33.6206 | 72.9966435 | 24.51 | 33.8055 | 73.1150463 | 24.3 | 33.9065 |
| 72.878588 | 24.54 | 33.6206 | 72.9969907 | 24.51 | 33.7915 | 73.1153935 | 24.3 | 33.8925 |
| 72.8789352 | 24.54 | 33.6344 | 72.997338 | 24.51 | 33.759 | 73.1157407 | 24.3 | 33.8925 |
| 72.8792824 | 24.54 | 33.6114 | 72.9976852 | 24.51 | 33.7915 | 73.116088 | 24.3 | 33.8925 |
| 72.8796296 | 24.54 | 33.6114 | 72.9980324 | 24.53 | 33.7422 | 73.1164352 | 24.3 | 33.8785 |
| 72.8799769 | 24.54 | 33.6114 | 72.9983796 | 24.53 | 33.7422 | 73.1167824 | 24.3 | 33.9065 |
| 72.8803241 | 24.53 | 33.6037 | 72.9987269 | 24.53 | 33.7561 | 73.1171296 | 24.3 | 33.8925 |
| 72.8806713 | 24.54 | 33.6344 | 72.9990741 | 24.53 | 33.7933 | 73.1174769 | 24.3 | 33.9065 |
| 72.8810185 | 24.53 | 33.6405 | 72.9994213 | 24.51 | 33.7822 | 73.1178241 | 24.3 | 33.8925 |
| 72.8813657 | 24.51 | 33.6112 | 72.9997685 | 24.51 | 33.7962 | 73.1181713 | 24.3 | 33.9159 |
| 72.881713 | 24.51 | 33.602 | 73.0001157 | 24.51 | 33.7683 | 73.1185185 | 24.29 | 33.8987 |
| 72.8820602 | 24.53 | 33.6267 | 73.000463 | 24.51 | 33.7683 | 73.1188657 | 24.29 | 33.9127 |
| 72.8824074 | 24.53 | 33.5899 | 73.0008102 | 24.51 | 33.7683 | 73.119213 | 24.29 | 33.936 |
| 72.8827546 | 24.51 | 33.6158 | 73.0011574 | 24.51 | 33.7822 | 73.1195602 | 24.29 | 33.9033 |
| 72.8831019 | 24.53 | 33.6175 | 73.0015046 | 24.51 | 33.7915 | 73.1199074 | 24.3 | 33.8925 |
| 72.8834491 | 24.53 | 33.5991 | 73.0018519 | 24.51 | 33.8055 | 73.1202546 | 24.29 | 33.9127 |
| 72.8837963 | 24.53 | 33.6497 | 73.0021991 | 24.51 | 33.7915 | 73.1206019 | 24.29 | 33.8847 |
| 72.8841435 | 24.53 | 33.6405 | 73.0025463 | 24.51 | 33.773 | 73.1209491 | 24.29 | 33.9127 |
| 72.8844907 | 24.53 | 33.6313 | 73.0028935 | 24.51 | 33.7822 | 73.1212963 | 24.29 | 33.9127 |
| 72.884838 | 24.53 | 33.6037 | 73.0032407 | 24.51 | 33.8288 | 73.1216435 | 24.29 | 33.8754 |
| 72.8851852 | 24.53 | 33.6405 | 73.003588 | 24.51 | 33.7915 | 73.1219907 | 24.3 | 33.8553 |
| 72.8855324 | 24.53 | 33.6175 | 73.0039352 | 24.5 | 33.7837 | 73.122338 | 24.3 | 33.9159 |
| 72.8858796 | 24.53 | 33.5899 | 73.0042824 | 24.5 | 33.7744 | 73.1226852 | 24.3 | 33.8832 |
| 72.8862269 | 24.51 | 33.6296 | 73.0046296 | 24.51 | 33.7544 | 73.1230324 | 24.32 | 33.8802 |
| 72.8865741 | 24.51 | 33.602 | 73.0049769 | 24.51 | 33.7822 | 73.1233796 | 24.35 | 33.8664 |
| 72.8869213 | 24.51 | 33.6158 | 73.0053241 | 24.5 | 33.8163 | 73.1237269 | 24.37 | 33.8495 |
| 72.8872685 | 24.51 | 33.6158 | 73.0056713 | 24.51 | 33.8195 | 73.1240741 | 24.46 | 33.771 |
| 72.8876157 | 24.51 | 33.625 | 73.0060185 | 24.51 | 33.7451 | 73.1244213 | 24.51 | 33.7405 |
| 72.887963 | 24.51 | 33.5791 | 73.0063657 | 24.51 | 33.7915 | 73.1247685 | 24.5 | 33.6449 |
| 72.8883102 | 24.51 | 33.5791 | 73.006713 | 24.51 | 33.8055 | 73.1251157 | 24.51 | 33.602 |
| 72.8886574 | 24.51 | 33.6158 | 73.0070602 | 24.51 | 33.7405 | 73.125463 | 24.5 | 33.521 |
| 72.8890046 | 24.51 | 33.5791 | 73.0074074 | 24.51 | 33.7915 | 73.1258102 | 24.49 | 33.4951 |
| 72.8893519 | 24.51 | 33.5791 | 73.0077546 | 24.51 | 33.7915 | 73.1261574 | 24.46 | 33.5224 |
| 72.8896991 | 24.51 | 33.5791 | 73.0081019 | 24.51 | 33.7822 | 73.1265046 | 24.46 | 33.5133 |
| 72.8900463 | 24.5 | 33.5852 | 73.0084491 | 24.51 | 33.7822 | 73.1268519 | 24.44 | 33.4752 |
| 72.8903935 | 24.51 | 33.602 | 73.0087963 | 24.51 | 33.7776 | 73.1271991 | 24.43 | 33.4722 |
| 72.8907407 | 24.51 | 33.5745 | 73.0091435 | 24.51 | 33.7822 | 73.1275463 | 24.43 | 33.4858 |
| 72.891088 | 24.51 | 33.602 | 73.0094907 | 24.5 | 33.7977 | 73.1278935 | 24.43 | 33.495 |
| 72.8914352 | 24.51 | 33.6112 | 73.009838 | 24.5 | 33.8116 | 73.1282407 | 24.43 | 33.495 |
| 72.8917824 | 24.51 | 33.5883 | 73.0101852 | 24.49 | 33.8177 | 73.128588 | 24.4 | 33.504 |

**Appendix E:  DPS Oct 28-29, 2016 Waiau Event Data**

**Appendix E1: GPS Data**

GPS data files are too large to include in printed format. Data are available from PI upon request.

**Appendix E2. Winch Data**

DPS1-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 9:00 | 303.3753472 | Deploying | 2 | 30 | 0.32 | 0 | 0.02 | 8.11 | 0 | 0 | 0 | 12 | 13 | 13 | 13 |
| 10/28/2016 9:01 | 303.3756944 | Deploying | 2 | 60 | 0.31 | 0 | 0.04 | 8.1 | 0 | 0 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 9:01 | 303.3760417 | Deploying | 2 | 90 | 0.32 | 0 | 0.06 | 8.11 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/28/2016 9:02 | 303.3763889 | Deploying | 2 | 120 | 0.31 | 0 | 0.08 | 8.11 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 9:02 | 303.3767361 | Deploying | 2 | 150 | 0.31 | 0 | 0.09 | 8.13 | 0 | 0 | 0 | 13 | 11 | 13 | 11 |
| 10/28/2016 9:03 | 303.3770833 | Deploying | 2 | 180 | 0.32 | 0 | 0.11 | 8.13 | 0 | 0 | 0 | 11 | 13 | 12 | 13 |
| 10/28/2016 9:03 | 303.3774306 | Deploying | 2 | 210 | 0.31 | 0 | 0.13 | 8.16 | 0 | 0 | 0 | 6 | 10 | 8 | 10 |
| 10/28/2016 9:04 | 303.3777778 | Deploying | 2 | 240 | 0.31 | 0 | 0.14 | 8.13 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:04 | 303.3781250 | Deploying | 2 | 270 | 0.31 | 0 | 0.16 | 8.13 | 0 | 0 | 0 | 6 | 11 | 9 | 11 |
| 10/28/2016 9:05 | 303.3784722 | Deploying | 2 | 300 | 0.32 | 0 | 0.18 | 8.13 | 0 | 0 | 0 | 12 | 11 | 9 | 11 |
| 10/28/2016 9:05 | 303.3788194 | Deploying | 2 | 330 | 0.32 | 0 | 0.19 | 8.13 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 9:06 | 303.3791667 | Deploying | 2 | 360 | 0.32 | 0 | 0.21 | 8.13 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 9:06 | 303.3795139 | Deploying | 2 | 390 | 0.31 | 0 | 0.23 | 8.14 | 0 | 0 | 0 | 5 | 9 | 6 | 9 |
| 10/28/2016 9:07 | 303.3798611 | Deploying | 2 | 420 | 0.31 | 0 | 0.25 | 8.14 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 9:07 | 303.3802083 | Deploying | 2 | 450 | 0.31 | 0 | 0.26 | 8.13 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 9:08 | 303.3805556 | Deploying | 2 | 480 | 0.31 | 0 | 0.28 | 8.11 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:08 | 303.3809028 | Deploying | 2 | 510 | 0.31 | 0 | 0.3 | 8.11 | 0 | 0 | 0 | 11 | 11 | 12 | 11 |
| 10/28/2016 9:09 | 303.3812500 | Deploying | 2 | 540 | 0.32 | 0 | 0.31 | 8.11 | 0 | 0 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 9:09 | 303.3815972 | Deploying | 2 | 570 | 0.32 | 0 | 0.33 | 8.11 | 0 | 0 | 0 | 10 | 12 | 12 | 12 |
| 10/28/2016 9:10 | 303.3819444 | Deploying | 2 | 600 | 0.32 | 0 | 0.35 | 8.11 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 9:10 | 303.3822917 | Deploying | 2 | 630 | 0.32 | 0 | 0.36 | 8.11 | 0 | 0 | 0 | 11 | 9 | 9 | 9 |
| 10/28/2016 9:11 | 303.3826389 | Deploying | 2 | 660 | 0.31 | 0 | 0.38 | 8.11 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 9:11 | 303.3826736 | Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:11 | 303.3829861 | Deploying | 2 | 690 | 0.35 | 0.07 | 0.4 | 8.14 | 2119 | 1463 | 0 | 15 | 14 | 12 | 14 |
| 10/28/2016 9:11 | 303.3831481 | Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:12 | 303.3833333 | Deploying | 2 | 720 | 0.38 | 0.12 | 0.42 | 8.13 | 1856 | 1416 | 0 | 10 | 11 | 11 | 11 |
| 10/28/2016 9:12 | 303.3836806 | Deploying | 2 | 750 | 0.41 | 0.12 | 0.43 | 8.13 | 0 | 0 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 9:13 | 303.3840278 | Deploying | 2 | 780 | 0.41 | 0.12 | 0.45 | 8.13 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 9:13 | 303.3843750 | Deploying | 2 | 810 | 0.41 | 0.12 | 0.47 | 8.1 | 0 | 0 | 0 | 10 | 12 | 10 | 12 |
| 10/28/2016 9:13 | 303.3846065 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:14 | 303.3847222 | Deploying | 2 | 840 | 0.42 | 0.19 | 0.48 | 8.16 | 1913 | 1443 | 0 | 10 | 10 | 11 | 10 |
| 10/28/2016 9:14 | 303.3850694 | Deploying | 2 | 870 | 0.47 | 0.19 | 0.5 | 8.11 | 0 | 0 | 0 | 10 | 10 | 11 | 10 |
| 10/28/2016 9:15 | 303.3854167 | Deploying | 2 | 900 | 0.47 | 0.19 | 0.52 | 8.08 | 0 | 0 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 9:15 | 303.3857407 | Winding down 1484 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:15 | 303.3857639 | Deploying | 2 | 930 | 0.48 | 0.24 | 0.53 | 8.05 | 1880 | 1418 | 0 | 11 | 12 | 11 | 12 |
| 10/28/2016 9:16 | 303.3861111 | Deploying | 2 | 960 | 0.53 | 0.24 | 0.55 | 8.08 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 9:16 | 303.3864583 | Deploying | 2 | 990 | 0.54 | 0.24 | 0.57 | 8.1 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 9:17 | 303.3868056 | Deploying | 2 | 1020 | 0.53 | 0.24 | 0.59 | 8.11 | 0 | 0 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 9:17 | 303.3869213 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:17 | 303.3871528 | Deploying | 2 | 1050 | 0.55 | 0.3 | 0.6 | 8.08 | 2031 | 1453 | 0 | 10 | 11 | 11 | 11 |
| 10/28/2016 9:18 | 303.3875000 | Deploying | 2 | 1080 | 0.58 | 0.3 | 0.62 | 8.11 | 0 | 0 | 0 | 10 | 10 | 11 | 10 |
| 10/28/2016 9:18 | 303.3878009 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:18 | 303.3878472 | Deploying | 2 | 1110 | 0.57 | 0.36 | 0.64 | 8.11 | 1921 | 1441 | 0 | 10 | 13 | 11 | 13 |
| 10/28/2016 9:19 | 303.3881944 | Deploying | 2 | 1140 | 0.62 | 0.36 | 0.65 | 8.1 | 0 | 0 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 9:19 | 303.3885417 | Deploying | 2 | 1170 | 0.62 | 0.36 | 0.67 | 8.08 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 9:19 | 303.3886806 | Winding down 1407 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:20 | 303.3888889 | Deploying | 2 | 1200 | 0.66 | 0.41 | 0.69 | 8.1 | 1903 | 1435 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 9:20 | 303.3892361 | Deploying | 2 | 1230 | 0.68 | 0.41 | 0.7 | 8.13 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |

| Date | Value | Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 9:21 | 303.3895833 | Deploying | 2 | 1260 | 0.68 | 0.41 | 0.72 | 8.13 | 0 | 0 | 0 | 10 | 11 | 11 | 11 |
| 10/28/2016 9:21 | 303.3899306 | Deploying | 2 | 1290 | 0.7 | 0.41 | 0.74 | 8.11 | 0 | 0 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 9:22 | 303.3902778 | Deploying | 2 | 1320 | 0.69 | 0.41 | 0.76 | 8.1 | 0 | 0 | 0 | 9 | 13 | 10 | 13 |
| 10/28/2016 9:22 | 303.3903472 | Winding down 1797 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:22 | 303.3906250 | Deploying | 2 | 1350 | 0.74 | 0.48 | 0.77 | 8.1 | 2105 | 1470 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 9:23 | 303.3909722 | Deploying | 2 | 1380 | 0.74 | 0.48 | 0.79 | 8.1 | 0 | 0 | 0 | 7 | 9 | 9 | 9 |
| 10/28/2016 9:23 | 303.3912500 | Winding down 1302 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:23 | 303.3913194 | Deploying | 2 | 1410 | 0.76 | 0.53 | 0.81 | 8.1 | 1956 | 1432 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 9:24 | 303.3916667 | Deploying | 2 | 1440 | 0.8 | 0.53 | 0.82 | 8.11 | 0 | 0 | 0 | 6 | 12 | 8 | 12 |
| 10/28/2016 9:24 | 303.3920139 | Deploying | 2 | 1470 | 0.81 | 0.53 | 0.84 | 8.11 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 9:25 | 303.3923611 | Deploying | 2 | 1500 | 0.8 | 0.53 | 0.86 | 8.13 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 9:25 | 303.3925231 | Winding down 1785 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:25 | 303.3927083 | Deploying | 2 | 1530 | 0.83 | 0.6 | 0.87 | 8.13 | 1887 | 1450 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 9:26 | 303.3930556 | Deploying | 2 | 1560 | 0.87 | 0.6 | 0.89 | 8.1 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 9:26 | 303.3934028 | Deploying | 2 | 1590 | 0.88 | 0.6 | 0.91 | 8.11 | 0 | 0 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 9:27 | 303.3937500 | Deploying | 2 | 1620 | 0.88 | 0.6 | 0.93 | 8.1 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:27 | 303.3940046 | Winding down 1674 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:27 | 303.3940972 | Deploying | 2 | 1650 | 0.89 | 0.66 | 0.94 | 8.08 | 1941 | 1462 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 9:28 | 303.3944444 | Deploying | 2 | 1680 | 0.93 | 0.66 | 0.96 | 8.08 | 0 | 0 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 9:28 | 303.3947917 | Deploying | 2 | 1710 | 0.92 | 0.66 | 0.98 | 8.1 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 9:28 | 303.3949537 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:29 | 303.3951389 | Deploying | 2 | 1740 | 0.95 | 0.72 | 0.99 | 8.11 | 1875 | 1437 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 9:29 | 303.3954861 | Deploying | 2 | 1770 | 0.99 | 0.72 | 1.01 | 8.1 | 0 | 0 | 0 | 11 | 10 | 11 | 10 |
| 10/28/2016 9:30 | 303.3958333 | Deploying | 2 | 1800 | 1 | 0.72 | 1.03 | 8.1 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:30 | 303.3961806 | Deploying | 2 | 1830 | 0.99 | 0.72 | 1.04 | 8.11 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 9:30 | 303.3962963 | Winding down 1379 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:31 | 303.3965278 | Deploying | 2 | 1860 | 1.03 | 0.77 | 1.06 | 8.08 | 1925 | 1431 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 9:31 | 303.3968750 | Deploying | 2 | 1890 | 1.04 | 0.77 | 1.08 | 8.11 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 9:32 | 303.3972222 | Deploying | 2 | 1920 | 1.04 | 0.77 | 1.1 | 8.1 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:32 | 303.3974190 | Winding down 1428 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:32 | 303.3975694 | Deploying | 2 | 1950 | 1.07 | 0.83 | 1.11 | 8.1 | 1950 | 1428 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 9:33 | 303.3979167 | Deploying | 2 | 1980 | 1.1 | 0.83 | 1.13 | 8.1 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 9:33 | 303.3982639 | Deploying | 2 | 2010 | 1.1 | 0.83 | 1.15 | 8.06 | 0 | 0 | 0 | 12 | 11 | 10 | 11 |
| 10/28/2016 9:33 | 303.3985648 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:34 | 303.3986111 | Deploying | 2 | 2040 | 1.11 | 0.89 | 1.16 | 8.11 | 2027 | 1428 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 9:34 | 303.3989583 | Deploying | 2 | 2070 | 1.17 | 0.89 | 1.18 | 8.08 | 0 | 0 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 9:35 | 303.3993056 | Deploying | 2 | 2100 | 1.15 | 0.89 | 1.2 | 8.08 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 9:35 | 303.3996296 | Winding down 1484 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:35 | 303.3996528 | Deploying | 2 | 2130 | 1.16 | 0.94 | 1.21 | 8.06 | 2223 | 1450 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:36 | 303.4000000 | Deploying | 2 | 2160 | 1.21 | 0.94 | 1.23 | 8.1 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:36 | 303.4003472 | Deploying | 2 | 2190 | 1.21 | 0.94 | 1.25 | 8.11 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 9:37 | 303.4006944 | Deploying | 2 | 2220 | 1.22 | 0.94 | 1.27 | 8.06 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 9:37 | 303.4009606 | Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:37 | 303.4010417 | Deploying | 2 | 2250 | 1.23 | 1 | 1.28 | 8.1 | 1919 | 1424 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 9:38 | 303.4013889 | Deploying | 2 | 2280 | 1.28 | 1 | 1.3 | 8.08 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:38 | 303.4017361 | Deploying | 2 | 2310 | 1.28 | 1 | 1.32 | 8.1 | 0 | 0 | 0 | 13 | 12 | 9 | 12 |
| 10/28/2016 9:39 | 303.4020833 | Deploying | 2 | 2340 | 1.28 | 1 | 1.33 | 8.11 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 9:39 | 303.4022569 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 9:39 | 303.4024306 | Deploying | 2 | 2370 | 1.31 | 1.06 | 1.35 | 8.08 | 1946 | 1424 | 0 | 10 | 10 | 10 | 10 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 9:40 | 303.4027778 | Deploying | 2 | 2400 | 1.34 | 1.06 | 1.37 | 8.06 | 0 | 0 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 9:40 | 303.4031250 | Deploying | 2 | 2430 | 1.34 | 1.06 | 1.38 | 8.08 | 0 | 0 | 0 | 12 | 11 | 9 | 11 |
| 10/28/2016 9:40 | 303.4034028 | Winding down 1652 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:41 | 303.4034722 | Deploying | 2 | 2460 | 1.35 | 1.13 | 1.4 | 8.11 | 1905 | 1427 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 9:41 | 303.4038194 | Deploying | 2 | 2490 | 1.4 | 1.13 | 1.42 | 8.11 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 9:42 | 303.4041667 | Deploying | 2 | 2520 | 1.41 | 1.13 | 1.44 | 8.06 | 0 | 0 | 0 | 12 | 11 | 10 | 11 |
| 10/28/2016 9:42 | 303.4045139 | Deploying | 2 | 2550 | 1.42 | 1.13 | 1.45 | 8.08 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 9:43 | 303.4048611 | Deploying | 2 | 2580 | 1.41 | 1.13 | 1.47 | 8.08 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 9:43 | 303.4049884 | Winding down 1818 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:43 | 303.4052083 | Deploying | 2 | 2610 | 1.46 | 1.19 | 1.49 | 8.1 | 1954 | 1428 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:44 | 303.4055556 | Deploying | 2 | 2640 | 1.5 | 1.19 | 1.5 | 8.08 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 9:44 | 303.4059028 | Deploying | 2 | 2670 | 1.49 | 1.19 | 1.52 | 8.06 | 0 | 0 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 9:45 | 303.4062500 | Deploying | 2 | 2700 | 1.48 | 1.19 | 1.54 | 8.06 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 9:45 | 303.4064583 | Winding down 1917 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:45 | 303.4065972 | Deploying | 2 | 2730 | 1.5 | 1.27 | 1.55 | 8.06 | 1982 | 1427 | 0 | 13 | 12 | 10 | 12 |
| 10/28/2016 9:46 | 303.4069444 | Deploying | 2 | 2760 | 1.56 | 1.27 | 1.57 | 8.1 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 9:46 | 303.4072917 | Deploying | 2 | 2790 | 1.56 | 1.27 | 1.59 | 8.06 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 9:47 | 303.4076389 | Deploying | 2 | 2820 | 1.56 | 1.27 | 1.61 | 8.08 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 9:47 | 303.4078125 | Winding down 1525 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:47 | 303.4079861 | Deploying | 2 | 2850 | 1.59 | 1.32 | 1.62 | 8.1 | 1906 | 1433 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 9:48 | 303.4083333 | Deploying | 2 | 2880 | 1.62 | 1.32 | 1.64 | 8.06 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 9:48 | 303.4086806 | Deploying | 2 | 2910 | 1.61 | 1.32 | 1.66 | 8.05 | 0 | 0 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 9:49 | 303.4090278 | Deploying | 2 | 2940 | 1.63 | 1.32 | 1.67 | 8.06 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 9:49 | 303.4093403 | Winding down 1645 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:49 | 303.4093750 | Deploying | 2 | 2970 | 1.63 | 1.39 | 1.69 | 8.08 | 1912 | 1425 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 9:50 | 303.4097222 | Deploying | 2 | 3000 | 1.69 | 1.39 | 1.71 | 8.05 | 0 | 0 | 0 | 12 | 10 | 10 | 10 |
| 10/28/2016 9:50 | 303.4100694 | Deploying | 2 | 3030 | 1.7 | 1.39 | 1.72 | 8.05 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 9:51 | 303.4104167 | Deploying | 2 | 3060 | 1.7 | 1.39 | 1.74 | 8.08 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 9:51 | 303.4107060 | Winding down 1691 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:51 | 303.4107639 | Deploying | 2 | 3090 | 1.7 | 1.45 | 1.76 | 8.08 | 1900 | 1438 | 0 | 8 | 12 | 10 | 12 |
| 10/28/2016 9:52 | 303.4111111 | Deploying | 2 | 3120 | 1.76 | 1.45 | 1.78 | 8.08 | 0 | 0 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 9:52 | 303.4114583 | Deploying | 2 | 3150 | 1.75 | 1.45 | 1.79 | 8.08 | 0 | 0 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 9:53 | 303.4118056 | Deploying | 2 | 3180 | 1.76 | 1.45 | 1.81 | 8.06 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 9:53 | 303.4118056 | Winding down 1337 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:53 | 303.4121528 | Deploying | 2 | 3210 | 1.79 | 1.5 | 1.83 | 8.08 | 1907 | 1439 | 0 | 6 | 12 | 9 | 12 |
| 10/28/2016 9:54 | 303.4125000 | Deploying | 2 | 3240 | 1.81 | 1.5 | 1.84 | 8.06 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 9:54 | 303.4128472 | Deploying | 2 | 3270 | 1.81 | 1.5 | 1.86 | 8.06 | 0 | 0 | 0 | 7 | 12 | 9 | 12 |
| 10/28/2016 9:54 | 303.4131134 | Winding down 1563 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:55 | 303.4131944 | Deploying | 2 | 3300 | 1.83 | 1.56 | 1.88 | 8.06 | 1951 | 1411 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 9:55 | 303.4135417 | Deploying | 2 | 3330 | 1.87 | 1.56 | 1.89 | 8.08 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 9:56 | 303.4138889 | Deploying | 2 | 3360 | 1.86 | 1.56 | 1.91 | 8.06 | 0 | 0 | 0 | 8 | 12 | 10 | 12 |
| 10/28/2016 9:56 | 303.4141204 | Winding down 1695 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:56 | 303.4142361 | Deploying | 2 | 3390 | 1.89 | 1.62 | 1.93 | 8.06 | 1895 | 1414 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 9:57 | 303.4145833 | Deploying | 2 | 3420 | 1.95 | 1.62 | 1.95 | 8.06 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 9:57 | 303.4149306 | Deploying | 2 | 3450 | 1.93 | 1.62 | 1.96 | 8.08 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 9:58 | 303.4152778 | Deploying | 2 | 3480 | 1.93 | 1.62 | 1.98 | 8.1 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 9:58 | 303.4155671 | Winding down 1591 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 9:58 | 303.4156250 | Deploying | 2 | 3510 | 1.94 | 1.68 | 2 | 8.05 | 1938 | 1432 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 9:59 | 303.4159722 | Deploying | 2 | 3540 | 1.99 | 1.68 | 2.01 | 8.08 | 0 | 0 | 0 | 11 | 9 | 9 | 9 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 9:59 | 303.4163194 | Deploying | 2 | 3570 | 1.99 | 1.68 | 2.03 | 8.1 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 9:59 | 303.4166204 | Winding down 1305 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:00 | 303.4166667 | Deploying | 2 | 3600 | 1.99 | 1.73 | 2.05 | 8.08 | 1964 | 1430 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:00 | 303.4170139 | Deploying | 2 | 3630 | 2.04 | 1.73 | 2.06 | 8.05 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 10:01 | 303.4173611 | Deploying | 2 | 3660 | 2.05 | 1.73 | 2.08 | 8.06 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 10:01 | 303.4177083 | Deploying | 2 | 3690 | 2.05 | 1.73 | 2.1 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:01 | 303.4178588 | Winding down 1621 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:02 | 303.4180556 | Deploying | 2 | 3720 | 2.07 | 1.8 | 2.12 | 8.1 | 1946 | 1420 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:02 | 303.4184028 | Deploying | 2 | 3750 | 2.1 | 1.8 | 2.13 | 8.08 | 0 | 0 | 0 | 8 | 12 | 9 | 12 |
| 10/28/2016 10:03 | 303.4187500 | Deploying | 2 | 3780 | 2.11 | 1.8 | 2.15 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 10:03 | 303.4190856 | Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:03 | 303.4190972 | Deploying | 2 | 3810 | 2.1 | 1.85 | 2.17 | 8.02 | 1985 | 1437 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:04 | 303.4194444 | Deploying | 2 | 3840 | 2.16 | 1.85 | 2.18 | 8.05 | 1985 | 40 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 10:04 | 303.4197917 | Deploying | 2 | 3870 | 2.16 | 1.85 | 2.2 | 8.05 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:05 | 303.4201389 | Deploying | 2 | 3900 | 2.16 | 1.85 | 2.22 | 8.05 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 10:05 | 303.4202662 | Winding down 1743 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:05 | 303.4204861 | Deploying | 2 | 3930 | 2.2 | 1.92 | 2.23 | 8.06 | 1869 | 1393 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:06 | 303.4208333 | Deploying | 2 | 3960 | 2.24 | 1.92 | 2.25 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 10:06 | 303.4211806 | Deploying | 2 | 3990 | 2.23 | 1.92 | 2.27 | 8.05 | 0 | 0 | 0 | 10 | 8 | 9 | 8 |
| 10/28/2016 10:07 | 303.4215278 | Deploying | 2 | 4020 | 2.23 | 1.92 | 2.29 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:07 | 303.4218056 | Winding down 1352 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:07 | 303.4218750 | Deploying | 2 | 4050 | 2.26 | 1.97 | 2.3 | 8.06 | 2059 | 1439 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 10:08 | 303.4222222 | Deploying | 2 | 4080 | 2.3 | 1.97 | 2.32 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 10:08 | 303.4225694 | Deploying | 2 | 4110 | 2.3 | 1.97 | 2.34 | 8.05 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 10:09 | 303.4229167 | Deploying | 2 | 4140 | 2.29 | 1.97 | 2.35 | 8.03 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 10:09 | 303.4231250 | Winding down 1592 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:09 | 303.4232639 | Deploying | 2 | 4170 | 2.33 | 2.03 | 2.37 | 8.05 | 1963 | 1441 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 10:10 | 303.4236111 | Deploying | 2 | 4200 | 2.36 | 2.03 | 2.39 | 8.03 | 0 | 0 | 0 | 9 | 7 | 9 | 7 |
| 10/28/2016 10:10 | 303.4239583 | Deploying | 2 | 4230 | 2.37 | 2.03 | 2.4 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:11 | 303.4243056 | Deploying | 2 | 4260 | 2.34 | 2.03 | 2.42 | 8.05 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 10:11 | 303.4243287 | Winding down 2015 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:11 | 303.4246528 | Deploying | 2 | 4290 | 2.42 | 2.11 | 2.44 | 8.03 | 1935 | 1433 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 10:12 | 303.4250000 | Deploying | 2 | 4320 | 2.43 | 2.11 | 2.46 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 10:12 | 303.4253472 | Deploying | 2 | 4350 | 2.42 | 2.11 | 2.47 | 8.03 | 0 | 0 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 10:12 | 303.4255671 | Winding down 1581 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:13 | 303.4256944 | Deploying | 2 | 4380 | 2.44 | 2.17 | 2.49 | 8.08 | 1779 | 1396 | 0 | 7 | 12 | 9 | 12 |
| 10/28/2016 10:13 | 303.4260417 | Deploying | 2 | 4410 | 2.49 | 2.17 | 2.51 | 8.06 | 0 | 0 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 10:14 | 303.4263889 | Deploying | 2 | 4440 | 2.5 | 2.17 | 2.52 | 8.05 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:14 | 303.4267361 | Deploying | 2 | 4470 | 2.5 | 2.17 | 2.54 | 8.05 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 10:15 | 303.4270833 | Deploying | 2 | 4500 | 2.5 | 2.17 | 2.56 | 8.05 | 0 | 0 | 0 | 9 | 7 | 9 | 7 |
| 10/28/2016 10:15 | 303.4272454 | Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:15 | 303.4274306 | Deploying | 2 | 4530 | 2.54 | 2.23 | 2.57 | 8.02 | 1971 | 1429 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 10:16 | 303.4277778 | Deploying | 2 | 4560 | 2.56 | 2.23 | 2.59 | 8.06 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:16 | 303.4281250 | Deploying | 2 | 4590 | 2.54 | 2.23 | 2.61 | 8.08 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 10:16 | 303.4282176 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:17 | 303.4284722 | Deploying | 2 | 4620 | 2.6 | 2.29 | 2.63 | 8.05 | 1952 | 1430 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 10:17 | 303.4288194 | Deploying | 2 | 4650 | 2.62 | 2.29 | 2.64 | 8.08 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 10:18 | 303.4291667 | Deploying | 2 | 4680 | 2.62 | 2.29 | 2.66 | 8.03 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 10:18 | 303.4295139 | Deploying | 2 | 4710 | 2.62 | 2.29 | 2.68 | 8.06 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 10:18 | 303.4297338 | Winding down 1856 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:19 | 303.4298611 | Deploying | 2 | 4740 | 2.64 | 2.36 | 2.69 | 8.03 | 1810 | 1385 | 0 | 7 | 12 | 9 | 12 |
| 10/28/2016 10:19 | 303.4302083 | Deploying | 2 | 4770 | 2.69 | 2.36 | 2.71 | 8.05 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:20 | 303.4305556 | Deploying | 2 | 4800 | 2.69 | 2.36 | 2.73 | 8.03 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 10:20 | 303.4309028 | Deploying | 2 | 4830 | 2.69 | 2.36 | 2.74 | 8.03 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 10:20 | 303.4309722 | Winding down 1372 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:21 | 303.4312500 | Deploying | 2 | 4860 | 2.75 | 2.42 | 2.76 | 8.03 | 1854 | 1411 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 10:21 | 303.4315972 | Deploying | 2 | 4890 | 2.76 | 2.42 | 2.78 | 8.03 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 10:22 | 303.4319444 | Deploying | 2 | 4920 | 2.77 | 2.42 | 2.8 | 8.03 | 0 | 0 | 0 | 8 | 10 | 10 | 10 |
| 10/28/2016 10:22 | 303.4322917 | Deploying | 2 | 4950 | 2.74 | 2.42 | 2.81 | 8.03 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 10:22 | 303.4323843 | Winding down 1850 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:23 | 303.4326389 | Deploying | 2 | 4980 | 2.79 | 2.49 | 2.83 | 8.02 | 2138 | 1448 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:23 | 303.4329861 | Deploying | 2 | 5010 | 2.82 | 2.49 | 2.85 | 8.02 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 10:24 | 303.4333333 | Deploying | 2 | 5040 | 2.82 | 2.49 | 2.86 | 8.02 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 10:24 | 303.4336458 | Winding down 1670 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:24 | 303.4336806 | Deploying | 2 | 5070 | 2.82 | 2.55 | 2.88 | 8.02 | 1869 | 1411 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 10:25 | 303.4340278 | Deploying | 2 | 5100 | 2.89 | 2.55 | 2.9 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:25 | 303.4343750 | Deploying | 2 | 5130 | 2.88 | 2.55 | 2.91 | 8.03 | 0 | 0 | 0 | 9 | 8 | 10 | 8 |
| 10/28/2016 10:26 | 303.4347222 | Deploying | 2 | 5160 | 2.89 | 2.55 | 2.93 | 8.02 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 10:26 | 303.4350694 | Deploying | 2 | 5190 | 2.88 | 2.55 | 2.95 | 8.02 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 10:26 | 303.4352083 | Winding down 1882 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:27 | 303.4354167 | Deploying | 2 | 5220 | 2.91 | 2.62 | 2.97 | 8.02 | 1963 | 1434 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 10:27 | 303.4357639 | Deploying | 2 | 5250 | 2.95 | 2.62 | 2.98 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 10:28 | 303.4361111 | Deploying | 2 | 5280 | 2.97 | 2.62 | 3 | 8.03 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 10:28 | 303.4362731 | Winding down 1310 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:28 | 303.4364583 | Deploying | 2 | 5310 | 2.98 | 2.67 | 3.02 | 8.02 | 1918 | 1416 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 10:29 | 303.4368056 | Deploying | 2 | 5340 | 3.01 | 2.67 | 3.03 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:29 | 303.4371528 | Deploying | 2 | 5370 | 3 | 2.67 | 3.05 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:29 | 303.4374884 | Winding down 1648 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:30 | 303.4375000 | Deploying | 2 | 5400 | 3 | 2.73 | 3.07 | 8.02 | 1981 | 1436 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:30 | 303.4378472 | Deploying | 2 | 5430 | 3.07 | 2.73 | 3.08 | 8.02 | 1981 | 35 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 10:31 | 303.4381944 | Deploying | 2 | 5460 | 3.07 | 2.73 | 3.1 | 8.03 | 0 | 0 | 0 | 10 | 8 | 9 | 8 |
| 10/28/2016 10:31 | 303.4385417 | Deploying | 2 | 5490 | 3.06 | 2.73 | 3.12 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 10:31 | 303.4386227 | Winding down 1561 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:32 | 303.4388889 | Deploying | 2 | 5520 | 3.11 | 2.79 | 3.14 | 8.02 | 1981 | 1433 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 10:32 | 303.4392361 | Deploying | 2 | 5550 | 3.13 | 2.79 | 3.15 | 8.02 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 10:33 | 303.4395833 | Deploying | 2 | 5580 | 3.11 | 2.79 | 3.17 | 8.05 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 10:33 | 303.4397917 | Winding down 1667 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:33 | 303.4399306 | Deploying | 2 | 5610 | 3.14 | 2.86 | 3.19 | 7.98 | 1961 | 1429 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 10:34 | 303.4402778 | Deploying | 2 | 5640 | 3.18 | 2.86 | 3.2 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:34 | 303.4406250 | Deploying | 2 | 5670 | 3.2 | 2.86 | 3.22 | 8.02 | 0 | 0 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 10:35 | 303.4409722 | Deploying | 2 | 5700 | 3.18 | 2.86 | 3.24 | 8.02 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 10:35 | 303.4411921 | Winding down 1281 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:35 | 303.4413194 | Deploying | 2 | 5730 | 3.21 | 2.9 | 3.25 | 8.02 | 1890 | 1410 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 10:36 | 303.4416667 | Deploying | 2 | 5760 | 3.25 | 2.9 | 3.27 | 8.03 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 10:36 | 303.4420139 | Deploying | 2 | 5790 | 3.25 | 2.9 | 3.29 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:36 | 303.4423380 | Winding down 1534 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 10:37 | 303.4423611 | Deploying | 2 | 5820 | 3.25 | 2.96 | 3.31 | 7.97 | 1926 | 1422 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 10:37 | 303.4427083 | Deploying | 2 | 5850 | 3.3 | 2.96 | 3.32 | 8 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 10:38 | 303.4430556 | Deploying | 2 | 5880 | 3.3 | 2.96 | 3.34 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:38 | 303.4434028 | Deploying | 2 | 5910 | 3.31 | 2.96 | 3.36 | 8.02 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 10:38 | 303.4437037 | Winding down 2280 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:39 | 303.4437500 | Deploying | 2 | 5940 | 3.29 | 3.05 | 3.37 | 8.03 | 1884 | 1397 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 10:39 | 303.4440972 | Deploying | 2 | 5970 | 3.37 | 3.05 | 3.39 | 8.03 | 0 | 0 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 10:40 | 303.4444444 | Deploying | 2 | 6000 | 3.39 | 3.05 | 3.41 | 8.03 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:40 | 303.4447917 | Deploying | 2 | 6030 | 3.4 | 3.05 | 3.42 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:41 | 303.4451389 | Deploying | 2 | 6060 | 3.4 | 3.05 | 3.44 | 8.02 | 0 | 0 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 10:41 | 303.4454282 | Winding down 1866 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:41 | 303.4454861 | Deploying | 2 | 6090 | 3.39 | 3.12 | 3.46 | 8 | 2094 | 1439 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 10:42 | 303.4458333 | Deploying | 2 | 6120 | 3.46 | 3.12 | 3.48 | 8.02 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 10:42 | 303.4461806 | Deploying | 2 | 6150 | 3.46 | 3.12 | 3.49 | 8.03 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:43 | 303.4465278 | Deploying | 2 | 6180 | 3.46 | 3.12 | 3.51 | 8.05 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 10:43 | 303.4468634 | Winding down 1298 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:43 | 303.4468750 | Deploying | 2 | 6210 | 3.47 | 3.17 | 3.53 | 8.02 | 1960 | 1448 | 0 | 7 | 9 | 9 | 9 |
| 10/28/2016 10:44 | 303.4472222 | Deploying | 2 | 6240 | 3.52 | 3.17 | 3.54 | 8 | 1960 | 16 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 10:44 | 303.4475694 | Deploying | 2 | 6270 | 3.52 | 3.17 | 3.56 | 7.98 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 10:45 | 303.4479167 | Deploying | 2 | 6300 | 3.53 | 3.17 | 3.58 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:45 | 303.4481713 | Winding down 1599 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:45 | 303.4482639 | Deploying | 2 | 6330 | 3.54 | 3.23 | 3.59 | 8 | 1970 | 1423 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 10:46 | 303.4486111 | Deploying | 2 | 6360 | 3.58 | 3.23 | 3.61 | 8.02 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 10:46 | 303.4489583 | Deploying | 2 | 6390 | 3.59 | 3.23 | 3.63 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:47 | 303.4493056 | Deploying | 2 | 6420 | 3.6 | 3.23 | 3.65 | 8.02 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 10:47 | 303.4496412 | Winding down 1823 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:47 | 303.4496528 | Deploying | 2 | 6450 | 3.59 | 3.3 | 3.66 | 8.03 | 1939 | 1434 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:48 | 303.4500000 | Deploying | 2 | 6480 | 3.67 | 3.3 | 3.68 | 8 | 1939 | 1 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:48 | 303.4503472 | Deploying | 2 | 6510 | 3.66 | 3.3 | 3.7 | 8.03 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 10:49 | 303.4506944 | Deploying | 2 | 6540 | 3.66 | 3.3 | 3.71 | 7.95 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 10:49 | 303.4507639 | Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:49 | 303.4510417 | Deploying | 2 | 6570 | 3.71 | 3.36 | 3.73 | 8 | 1887 | 1425 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 10:50 | 303.4513889 | Deploying | 2 | 6600 | 3.71 | 3.36 | 3.75 | 8.02 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 10:50 | 303.4517361 | Deploying | 2 | 6630 | 3.73 | 3.36 | 3.76 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:51 | 303.4520833 | Deploying | 2 | 6660 | 3.72 | 3.36 | 3.78 | 8 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 10:51 | 303.4523380 | Winding down 1974 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:51 | 303.4524306 | Deploying | 2 | 6690 | 3.74 | 3.43 | 3.8 | 8 | 1891 | 1417 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 10:52 | 303.4527778 | Deploying | 2 | 6720 | 3.8 | 3.43 | 3.82 | 8 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 10:52 | 303.4531250 | Deploying | 2 | 6750 | 3.79 | 3.43 | 3.83 | 8 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 10:53 | 303.4534722 | Deploying | 2 | 6780 | 3.8 | 3.43 | 3.85 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 10:53 | 303.4537153 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:53 | 303.4538194 | Deploying | 2 | 6810 | 3.82 | 3.49 | 3.87 | 8 | 1994 | 1439 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 10:54 | 303.4541667 | Deploying | 2 | 6840 | 3.88 | 3.49 | 3.88 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:54 | 303.4545139 | Deploying | 2 | 6870 | 3.87 | 3.49 | 3.9 | 7.98 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 10:55 | 303.4548611 | Deploying | 2 | 6900 | 3.86 | 3.49 | 3.92 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 10:55 | 303.4550000 | Winding down 1382 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:55 | 303.4552083 | Deploying | 2 | 6930 | 3.91 | 3.54 | 3.93 | 8.03 | 1880 | 1427 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 10:56 | 303.4555556 | Deploying | 2 | 6960 | 3.92 | 3.54 | 3.95 | 8.02 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 10:56 | 303.4559028 | Deploying | 2 | 6990 | 3.91 | 3.54 | 3.97 | 7.98 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 10:56 | 303.4562037 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:57 | 303.4562500 | Deploying | 2 | 7020 | 3.94 | 3.6 | 3.99 | 8 | 2016 | 1430 | 0 | 9 | 9 | 9 | 9 |

| Date/Time | Value | Status | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 10:57 | 303.4565972 | Deploying | 2 | 7050 | 3.99 | 3.6 | 4 | 8 | 0 | 0 | 0 | 11 | 9 | 9 | 9 |
| 10/28/2016 10:58 | 303.4569444 | Deploying | 2 | 7080 | 3.99 | 3.6 | 4.02 | 8 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 10:58 | 303.4572917 | Deploying | 2 | 7110 | 3.98 | 3.6 | 4.04 | 8 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 10:58 | 303.4575000 | Winding down 1417 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:59 | 303.4576389 | Deploying | 2 | 7140 | 4.02 | 3.66 | 4.05 | 8.03 | 1968 | 1451 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 10:59 | 303.4579861 | Deploying | 2 | 7170 | 4.04 | 3.66 | 4.07 | 7.98 | 0 | 0 | 0 | 11 | 9 | 9 | 9 |
| 10/28/2016 11:00 | 303.4583333 | Deploying | 2 | 7200 | 4.05 | 3.66 | 4.09 | 8.02 | 0 | 0 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 11:00 | 303.4586806 | Deploying | 2 | 7230 | 4.05 | 3.66 | 4.1 | 8.02 | 0 | 0 | 0 | 9 | 7 | 9 | 7 |
| 10/28/2016 11:00 | 303.4589005 | Winding down 1656 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:01 | 303.4590278 | Deploying | 2 | 7260 | 4.07 | 3.72 | 4.12 | 8 | 1955 | 1413 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 11:01 | 303.4593750 | Deploying | 2 | 7290 | 4.1 | 3.72 | 4.14 | 7.98 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:02 | 303.4597222 | Deploying | 2 | 7320 | 4.1 | 3.72 | 4.16 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:02 | 303.4598380 | Winding down 1479 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:02 | 303.4600694 | Deploying | 2 | 7350 | 4.15 | 3.78 | 4.17 | 8 | 1984 | 1439 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:03 | 303.4604167 | Deploying | 2 | 7380 | 4.17 | 3.78 | 4.19 | 8 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:03 | 303.4607639 | Deploying | 2 | 7410 | 4.18 | 3.78 | 4.21 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:04 | 303.4611111 | Deploying | 2 | 7440 | 4.19 | 3.78 | 4.22 | 7.98 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:04 | 303.4614583 | Deploying | 2 | 7470 | 4.17 | 3.78 | 4.24 | 7.97 | 0 | 0 | 0 | 8 | 7 | 9 | 7 |
| 10/28/2016 11:04 | 303.4615394 | Winding down 1886 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:05 | 303.4618056 | Deploying | 2 | 7500 | 4.23 | 3.85 | 4.26 | 8.02 | 1910 | 1415 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:05 | 303.4621528 | Deploying | 2 | 7530 | 4.25 | 3.85 | 4.27 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:06 | 303.4625000 | Deploying | 2 | 7560 | 4.25 | 3.85 | 4.29 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:06 | 303.4627894 | Winding down 1541 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:06 | 303.4628472 | Deploying | 2 | 7590 | 4.26 | 3.91 | 4.31 | 8 | 1951 | 1411 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:07 | 303.4631944 | Deploying | 2 | 7620 | 4.31 | 3.91 | 4.33 | 8 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 11:07 | 303.4635417 | Deploying | 2 | 7650 | 4.32 | 3.91 | 4.34 | 7.98 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:08 | 303.4638889 | Deploying | 2 | 7680 | 4.31 | 3.91 | 4.36 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 11:08 | 303.4641667 | Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:08 | 303.4642361 | Deploying | 2 | 7710 | 4.33 | 3.97 | 4.38 | 7.97 | 1927 | 1424 | 0 | 8 | 7 | 9 | 7 |
| 10/28/2016 11:09 | 303.4645833 | Deploying | 2 | 7740 | 4.37 | 3.97 | 4.39 | 7.98 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:09 | 303.4649306 | Deploying | 2 | 7770 | 4.37 | 3.97 | 4.41 | 7.97 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 11:10 | 303.4652778 | Deploying | 2 | 7800 | 4.37 | 3.97 | 4.43 | 8.02 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:10 | 303.4653472 | Winding down 1372 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:10 | 303.4656250 | Deploying | 2 | 7830 | 4.42 | 4.02 | 4.44 | 7.98 | 1848 | 1417 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:11 | 303.4659722 | Deploying | 2 | 7860 | 4.43 | 4.02 | 4.46 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 11:11 | 303.4663194 | Deploying | 2 | 7890 | 4.43 | 4.02 | 4.48 | 7.98 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 11:11 | 303.4666435 | Winding down 2034 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:12 | 303.4666667 | Deploying | 2 | 7920 | 4.42 | 4.1 | 4.5 | 7.92 | 2108 | 1441 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 11:12 | 303.4670139 | Deploying | 2 | 7950 | 4.52 | 4.1 | 4.51 | 8 | 2108 | 0 | 0 | 7 | 8 | 9 | 8 |
| 10/28/2016 11:13 | 303.4673611 | Deploying | 2 | 7980 | 4.52 | 4.1 | 4.53 | 8 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 11:13 | 303.4677083 | Deploying | 2 | 8010 | 4.53 | 4.1 | 4.55 | 7.94 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 11:14 | 303.4680556 | Deploying | 2 | 8040 | 4.52 | 4.1 | 4.56 | 7.97 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 11:14 | 303.4684028 | Deploying | 2 | 8070 | 4.52 | 4.1 | 4.58 | 7.97 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:14 | 303.4684722 | Winding down 1722 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:15 | 303.4687500 | Deploying | 2 | 8100 | 4.57 | 4.16 | 4.6 | 7.98 | 1936 | 1445 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:15 | 303.4690972 | Deploying | 2 | 8130 | 4.59 | 4.16 | 4.61 | 7.95 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 11:16 | 303.4694444 | Deploying | 2 | 8160 | 4.58 | 4.16 | 4.63 | 8 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:16 | 303.4696412 | Winding down 1378 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:16 | 303.4697917 | Deploying | 2 | 8190 | 4.62 | 4.21 | 4.65 | 8 | 1986 | 1446 | 0 | 8 | 9 | 9 | 9 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 11:17 | 303.4701389 | Deploying | 2 | 8220 | 4.63 | 4.21 | 4.67 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:17 | 303.4704861 | Deploying | 2 | 8250 | 4.63 | 4.21 | 4.68 | 8.02 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 11:17 | 303.4707755 | Winding down 1816 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:18 | 303.4708333 | Deploying | 2 | 8280 | 4.64 | 4.28 | 4.7 | 8 | 1972 | 1436 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:18 | 303.4711806 | Deploying | 2 | 8310 | 4.71 | 4.28 | 4.72 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:19 | 303.4715278 | Deploying | 2 | 8340 | 4.68 | 4.28 | 4.73 | 7.95 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 11:19 | 303.4717361 | Winding down 1717 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:19 | 303.4718750 | Deploying | 2 | 8370 | 4.71 | 4.35 | 4.75 | 7.98 | 1890 | 1427 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 11:20 | 303.4722222 | Deploying | 2 | 8400 | 4.76 | 4.35 | 4.77 | 7.95 | 0 | 0 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 11:20 | 303.4725694 | Deploying | 2 | 8430 | 4.76 | 4.35 | 4.78 | 7.97 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:21 | 303.4729167 | Deploying | 2 | 8460 | 4.78 | 4.35 | 4.8 | 7.97 | 0 | 0 | 0 | 7 | 9 | 9 | 9 |
| 10/28/2016 11:21 | 303.4732639 | Deploying | 2 | 8490 | 4.76 | 4.35 | 4.82 | 8 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 11:21 | 303.4734954 | Winding down 1695 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:22 | 303.4736111 | Deploying | 2 | 8520 | 4.79 | 4.41 | 4.84 | 7.98 | 1894 | 1419 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 11:22 | 303.4739583 | Deploying | 2 | 8550 | 4.84 | 4.41 | 4.85 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 11:23 | 303.4743056 | Deploying | 2 | 8580 | 4.85 | 4.41 | 4.87 | 7.98 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:23 | 303.4746528 | Deploying | 2 | 8610 | 4.84 | 4.41 | 4.89 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:23 | 303.4749074 | Winding down 1774 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:24 | 303.4750000 | Deploying | 2 | 8640 | 4.84 | 4.48 | 4.9 | 7.97 | 1922 | 1428 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 11:24 | 303.4753472 | Deploying | 2 | 8670 | 4.9 | 4.48 | 4.92 | 7.97 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 11:25 | 303.4756944 | Deploying | 2 | 8700 | 4.9 | 4.48 | 4.94 | 7.97 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 11:25 | 303.4760417 | Deploying | 2 | 8730 | 4.91 | 4.48 | 4.95 | 7.97 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 11:25 | 303.4762847 | Winding down 1760 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:26 | 303.4763889 | Deploying | 2 | 8760 | 4.92 | 4.55 | 4.97 | 7.97 | 1907 | 1436 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 11:26 | 303.4767361 | Deploying | 2 | 8790 | 4.96 | 4.55 | 4.99 | 7.97 | 0 | 0 | 0 | 9 | 9 | 8 | 9 |
| 10/28/2016 11:27 | 303.4770833 | Deploying | 2 | 8820 | 4.97 | 4.55 | 5.01 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:27 | 303.4774306 | Deploying | 2 | 8850 | 4.97 | 4.55 | 5.02 | 7.98 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:27 | 303.4776157 | Winding down 1489 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:28 | 303.4777778 | Deploying | 2 | 8880 | 5 | 4.6 | 5.04 | 7.95 | 1912 | 1443 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:28 | 303.4781250 | Deploying | 2 | 8910 | 5.02 | 4.6 | 5.06 | 7.95 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:29 | 303.4784722 | Deploying | 2 | 8940 | 5.02 | 4.6 | 5.07 | 7.97 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:29 | 303.4786921 | Winding down 1431 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:29 | 303.4788194 | Deploying | 2 | 8970 | 5.04 | 4.66 | 5.09 | 7.97 | 1951 | 1448 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 11:30 | 303.4791667 | Deploying | 2 | 9000 | 5.08 | 4.66 | 5.11 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:30 | 303.4795139 | Deploying | 2 | 9030 | 5.08 | 4.66 | 5.12 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:31 | 303.4798611 | Deploying | 2 | 9060 | 5.08 | 4.66 | 5.14 | 7.97 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:31 | 303.4799074 | Winding down 1844 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:31 | 303.4802083 | Deploying | 2 | 9090 | 5.14 | 4.73 | 5.16 | 7.97 | 1945 | 1431 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:32 | 303.4805556 | Deploying | 2 | 9120 | 5.15 | 4.73 | 5.18 | 7.97 | 0 | 0 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 11:32 | 303.4809028 | Deploying | 2 | 9150 | 5.15 | 4.73 | 5.19 | 7.95 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:33 | 303.4812500 | Deploying | 2 | 9180 | 5.16 | 4.73 | 5.21 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:33 | 303.4815278 | Winding down 1827 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:33 | 303.4815972 | Deploying | 2 | 9210 | 5.16 | 4.8 | 5.23 | 7.97 | 1952 | 1454 | 0 | 11 | 10 | 8 | 10 |
| 10/28/2016 11:34 | 303.4819444 | Deploying | 2 | 9240 | 5.24 | 4.8 | 5.24 | 7.95 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:34 | 303.4822917 | Deploying | 2 | 9270 | 5.23 | 4.8 | 5.26 | 7.98 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:35 | 303.4826389 | Deploying | 2 | 9300 | 5.21 | 4.8 | 5.28 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:35 | 303.4826389 | Winding down 1712 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 11:35 | 303.4829861 | Deploying | 2 | 9330 | 5.31 | 4.86 | 5.29 | 7.98 | 1847 | 1394 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:36 | 303.4833333 | Deploying | 2 | 9360 | 5.29 | 4.86 | 5.31 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 11:36 | 303.4836806 | Deploying | 2 | 9390 | 5.3 | 4.86 | 5.33 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:37 | 303.4840278 | Deploying | 2 | 9420 | 5.3 | 4.86 | 5.35 | 7.95 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 11:37 | 303.4843403 | Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:37 | 303.4843750 | Deploying | 2 | 9450 | 5.3 | 4.93 | 5.36 | 7.97 | 1954 | 1433 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 11:38 | 303.4847222 | Deploying | 2 | 9480 | 5.35 | 4.93 | 5.38 | 7.97 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 11:38 | 303.4850694 | Deploying | 2 | 9510 | 5.36 | 4.93 | 5.4 | 7.95 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:39 | 303.4854167 | Deploying | 2 | 9540 | 5.38 | 4.93 | 5.41 | 7.97 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:39 | 303.4857407 | Winding down 1984 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:39 | 303.4857639 | Deploying | 2 | 9570 | 5.35 | 5 | 5.43 | 7.94 | 1891 | 1443 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:40 | 303.4861111 | Deploying | 2 | 9600 | 5.45 | 5 | 5.45 | 7.95 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:40 | 303.4864583 | Deploying | 2 | 9630 | 5.43 | 5 | 5.46 | 7.97 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:41 | 303.4868056 | Deploying | 2 | 9660 | 5.43 | 5 | 5.48 | 7.94 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 11:41 | 303.4870370 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:41 | 303.4871528 | Deploying | 2 | 9690 | 5.46 | 5.06 | 5.5 | 7.94 | 1858 | 1405 | 0 | 7 | 9 | 9 | 9 |
| 10/28/2016 11:42 | 303.4875000 | Deploying | 2 | 9720 | 5.51 | 5.06 | 5.52 | 7.97 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:42 | 303.4878472 | Deploying | 2 | 9750 | 5.5 | 5.06 | 5.53 | 7.98 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 11:43 | 303.4881944 | Deploying | 2 | 9780 | 5.5 | 5.06 | 5.55 | 7.97 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 11:43 | 303.4885417 | Deploying | 2 | 9810 | 5.51 | 5.06 | 5.57 | 7.94 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 11:43 | 303.4885648 | Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:44 | 303.4888889 | Deploying | 2 | 9840 | 5.56 | 5.11 | 5.58 | 7.97 | 1960 | 1413 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:44 | 303.4892361 | Deploying | 2 | 9870 | 5.56 | 5.11 | 5.6 | 7.95 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 11:45 | 303.4895833 | Deploying | 2 | 9900 | 5.56 | 5.11 | 5.62 | 7.98 | 0 | 0 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 11:45 | 303.4897338 | Winding down 2046 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:45 | 303.4899306 | Deploying | 2 | 9930 | 5.58 | 5.19 | 5.63 | 7.94 | 1949 | 1436 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:46 | 303.4902778 | Deploying | 2 | 9960 | 5.64 | 5.19 | 5.65 | 7.97 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 11:46 | 303.4906250 | Deploying | 2 | 9990 | 5.63 | 5.19 | 5.67 | 7.95 | 0 | 0 | 0 | 7 | 9 | 9 | 9 |
| 10/28/2016 11:46 | 303.4908333 | Winding down 1417 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:47 | 303.4909722 | Deploying | 2 | 10020 | 5.65 | 5.25 | 5.69 | 7.97 | 1942 | 1415 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 11:47 | 303.4913194 | Deploying | 2 | 10050 | 5.68 | 5.25 | 5.7 | 7.95 | 0 | 0 | 0 | 6 | 10 | 9 | 10 |
| 10/28/2016 11:48 | 303.4916667 | Deploying | 2 | 10080 | 5.67 | 5.25 | 5.72 | 7.97 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:48 | 303.4920139 | Deploying | 2 | 10110 | 5.69 | 5.25 | 5.74 | 7.97 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 11:48 | 303.4923380 | Winding down 1259 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:49 | 303.4923611 | Deploying | 2 | 10140 | 5.71 | 5.29 | 5.75 | 7.9 | 1968 | 1438 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:49 | 303.4927083 | Deploying | 2 | 10170 | 5.74 | 5.29 | 5.77 | 7.92 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 11:50 | 303.4930556 | Deploying | 2 | 10200 | 5.76 | 5.29 | 5.79 | 7.95 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 11:50 | 303.4934028 | Deploying | 2 | 10230 | 5.74 | 5.29 | 5.8 | 7.94 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:50 | 303.4936227 | Winding down 1706 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:51 | 303.4937500 | Deploying | 2 | 10260 | 5.77 | 5.36 | 5.82 | 7.95 | 1943 | 1428 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 11:51 | 303.4940972 | Deploying | 2 | 10290 | 5.8 | 5.36 | 5.84 | 7.95 | 0 | 0 | 0 | 9 | 9 | 8 | 9 |
| 10/28/2016 11:52 | 303.4944444 | Deploying | 2 | 10320 | 5.81 | 5.36 | 5.86 | 7.94 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:52 | 303.4946412 | Winding down 1853 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:52 | 303.4947917 | Deploying | 2 | 10350 | 5.83 | 5.43 | 5.87 | 7.95 | 1946 | 1432 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 11:53 | 303.4951389 | Deploying | 2 | 10380 | 5.88 | 5.43 | 5.89 | 7.94 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 11:53 | 303.4954861 | Deploying | 2 | 10410 | 5.89 | 5.43 | 5.91 | 7.95 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 11:54 | 303.4958333 | Deploying | 2 | 10440 | 5.88 | 5.43 | 5.92 | 7.95 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:54 | 303.4961806 | Deploying | 2 | 10470 | 5.9 | 5.43 | 5.94 | 7.94 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 11:55 | 303.4965278 | Deploying | 2 | 10500 | 5.89 | 5.43 | 5.96 | 7.95 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 11:55 | 303.4965741 | Winding down 2194 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:55 | 303.4968750 | Deploying | 2 | 10530 | 5.95 | 5.51 | 5.97 | 7.95 | 1966 | 1449 | 0 | 7 | 9 | 8 | 9 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 11:56 | 303.4972222 | Deploying | 2 | 10560 | 5.95 | 5.51 | 5.99 | 7.92 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:56 | 303.4975694 | Deploying | 2 | 10590 | 5.95 | 5.51 | 6.01 | 7.94 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 11:56 | 303.4975810 | Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:57 | 303.4979167 | Deploying | 2 | 10620 | 6.04 | 5.57 | 6.03 | 7.97 | 1895 | 1423 | 0 | 10 | 8 | 9 | 8 |
| 10/28/2016 11:57 | 303.4982639 | Deploying | 2 | 10650 | 6.04 | 5.57 | 6.04 | 7.94 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:58 | 303.4986111 | Deploying | 2 | 10680 | 6.03 | 5.57 | 6.06 | 7.94 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 11:58 | 303.4989583 | Deploying | 2 | 10710 | 6.05 | 5.57 | 6.08 | 7.94 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 11:59 | 303.4993056 | Deploying | 2 | 10740 | 6.05 | 5.57 | 6.09 | 7.97 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 11:59 | 303.4996528 | Deploying | 2 | 10770 | 6.04 | 5.57 | 6.11 | 7.95 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 11:59 | 303.4997222 | Winding down 1947 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:00 | 303.5000000 | Deploying | 2 | 10800 | 6.09 | 5.65 | 6.13 | 7.97 | 1906 | 1431 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 12:00 | 303.5003472 | Deploying | 2 | 10830 | 6.11 | 5.65 | 6.14 | 7.92 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 12:01 | 303.5006944 | Deploying | 2 | 10860 | 6.11 | 5.65 | 6.16 | 7.94 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:01 | 303.5007755 | Winding down 1486 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:01 | 303.5010417 | Deploying | 2 | 10890 | 6.16 | 5.7 | 6.18 | 7.94 | 2146 | 1458 | 0 | 8 | 7 | 9 | 7 |
| 10/28/2016 12:02 | 303.5013889 | Deploying | 2 | 10920 | 6.17 | 5.7 | 6.2 | 7.95 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:02 | 303.5017361 | Deploying | 2 | 10950 | 6.16 | 5.7 | 6.21 | 7.92 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:03 | 303.5020833 | Deploying | 2 | 10980 | 6.19 | 5.7 | 6.23 | 7.92 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/28/2016 12:03 | 303.5023264 | Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:03 | 303.5024306 | Deploying | 2 | 11010 | 6.18 | 5.76 | 6.25 | 7.95 | 1880 | 1413 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 12:04 | 303.5027778 | Deploying | 2 | 11040 | 6.22 | 5.76 | 6.26 | 7.94 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 12:04 | 303.5031250 | Deploying | 2 | 11070 | 6.23 | 5.76 | 6.28 | 7.9 | 0 | 0 | 0 | 9 | 9 | 8 | 9 |
| 10/28/2016 12:04 | 303.5032639 | Winding down 1432 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:05 | 303.5034722 | Deploying | 2 | 11100 | 6.27 | 5.82 | 6.3 | 7.92 | 1913 | 1418 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 12:05 | 303.5038194 | Deploying | 2 | 11130 | 6.3 | 5.82 | 6.31 | 7.94 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 12:06 | 303.5041667 | Deploying | 2 | 11160 | 6.27 | 5.82 | 6.33 | 7.94 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:06 | 303.5043287 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:06 | 303.5045139 | Deploying | 2 | 11190 | 6.32 | 5.88 | 6.35 | 7.94 | 1940 | 1437 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:07 | 303.5048611 | Deploying | 2 | 11220 | 6.34 | 5.88 | 6.37 | 7.94 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 12:07 | 303.5052083 | Deploying | 2 | 11250 | 6.35 | 5.88 | 6.38 | 7.94 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:08 | 303.5055556 | Deploying | 2 | 11280 | 6.36 | 5.88 | 6.4 | 7.94 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:08 | 303.5059028 | Deploying | 2 | 11310 | 6.36 | 5.88 | 6.42 | 7.94 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 12:08 | 303.5059606 | Winding down 1533 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:09 | 303.5062500 | Deploying | 2 | 11340 | 6.41 | 5.93 | 6.43 | 7.92 | 1924 | 1411 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:09 | 303.5065972 | Deploying | 2 | 11370 | 6.41 | 5.93 | 6.45 | 7.95 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 12:10 | 303.5069444 | Deploying | 2 | 11400 | 6.42 | 5.93 | 6.47 | 7.94 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:10 | 303.5072222 | Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:10 | 303.5072917 | Deploying | 2 | 11430 | 6.42 | 5.99 | 6.48 | 7.94 | 1940 | 1437 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:11 | 303.5076389 | Deploying | 2 | 11460 | 6.48 | 5.99 | 6.5 | 7.95 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:11 | 303.5079861 | Deploying | 2 | 11490 | 6.46 | 5.99 | 6.52 | 7.92 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 12:11 | 303.5080208 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:12 | 303.5083333 | Deploying | 2 | 11520 | 6.52 | 6.05 | 6.54 | 7.94 | 1915 | 1426 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:12 | 303.5086806 | Deploying | 2 | 11550 | 6.5 | 6.05 | 6.55 | 7.92 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 12:13 | 303.5090278 | Deploying | 2 | 11580 | 6.52 | 6.05 | 6.57 | 7.92 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 12:13 | 303.5091204 | Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:13 | 303.5093750 | Deploying | 2 | 11610 | 6.56 | 6.11 | 6.59 | 7.94 | 1885 | 1422 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 12:14 | 303.5097222 | Deploying | 2 | 11640 | 6.59 | 6.11 | 6.6 | 7.94 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:14 | 303.5100694 | Deploying | 2 | 11670 | 6.59 | 6.11 | 6.62 | 7.94 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:15 | 303.5104167 | Deploying | 2 | 11700 | 6.59 | 6.11 | 6.64 | 7.95 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 12:15 | 303.5107176 | Winding down 1805 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:15 | 303.5107639 | Deploying | 2 | 11730 | 6.59 | 6.18 | 6.65 | 7.92 | 1903 | 1427 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:16 | 303.5111111 | Deploying | 2 | 11760 | 6.66 | 6.18 | 6.67 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:16 | 303.5114583 | Deploying | 2 | 11790 | 6.66 | 6.18 | 6.69 | 7.95 | 0 | 0 | 0 | 7 | 9 | 9 | 9 |
| 10/28/2016 12:16 | 303.5117940 | Winding down 1623 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:17 | 303.5118056 | Deploying | 2 | 11820 | 6.65 | 6.24 | 6.71 | 7.92 | 1943 | 1419 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:17 | 303.5121528 | Deploying | 2 | 11850 | 6.72 | 6.24 | 6.72 | 7.94 | 1943 | 4 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:18 | 303.5125000 | Deploying | 2 | 11880 | 6.71 | 6.24 | 6.74 | 7.94 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:18 | 303.5128472 | Deploying | 2 | 11910 | 6.73 | 6.24 | 6.76 | 7.95 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 12:19 | 303.5131944 | Deploying | 2 | 11940 | 6.72 | 6.24 | 6.77 | 7.95 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:19 | 303.5135069 | Winding down 1845 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:19 | 303.5135417 | Deploying | 2 | 11970 | 6.73 | 6.31 | 6.79 | 7.94 | 1910 | 1387 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 12:20 | 303.5138889 | Deploying | 2 | 12000 | 6.77 | 6.31 | 6.81 | 7.94 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 12:20 | 303.5142361 | Deploying | 2 | 12030 | 6.79 | 6.31 | 6.82 | 7.94 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 12:21 | 303.5145833 | Deploying | 2 | 12060 | 6.78 | 6.31 | 6.84 | 7.94 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 12:21 | 303.5146991 | Winding down 1729 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:21 | 303.5149306 | Deploying | 2 | 12090 | 6.84 | 6.37 | 6.86 | 7.95 | 1858 | 1400 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 12:22 | 303.5152778 | Deploying | 2 | 12120 | 6.86 | 6.37 | 6.88 | 7.94 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 12:22 | 303.5156250 | Deploying | 2 | 12150 | 6.85 | 6.37 | 6.89 | 7.92 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 12:22 | 303.5159259 | Winding down 1805 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:23 | 303.5159722 | Deploying | 2 | 12180 | 6.84 | 6.44 | 6.91 | 7.92 | 1929 | 1421 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 12:23 | 303.5163194 | Deploying | 2 | 12210 | 6.89 | 6.44 | 6.93 | 7.94 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:24 | 303.5166667 | Deploying | 2 | 12240 | 6.92 | 6.44 | 6.94 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 12:24 | 303.5169097 | Winding down 1385 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:24 | 303.5170139 | Deploying | 2 | 12270 | 6.93 | 6.5 | 6.96 | 7.92 | 1953 | 1429 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 12:25 | 303.5173611 | Deploying | 2 | 12300 | 6.99 | 6.5 | 6.98 | 7.94 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 12:25 | 303.5177083 | Deploying | 2 | 12330 | 6.99 | 6.5 | 6.99 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 12:26 | 303.5180556 | Deploying | 2 | 12360 | 6.97 | 6.5 | 7.01 | 7.89 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:26 | 303.5184028 | Deploying | 2 | 12390 | 6.97 | 6.5 | 7.03 | 7.92 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 12:26 | 303.5185880 | Winding down 1989 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:27 | 303.5187500 | Deploying | 2 | 12420 | 6.98 | 6.57 | 7.05 | 7.94 | 1921 | 1425 | 0 | 11 | 8 | 8 | 8 |
| 10/28/2016 12:27 | 303.5190972 | Deploying | 2 | 12450 | 7.02 | 6.57 | 7.06 | 7.9 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:27 | 303.5193056 | Winding down 1467 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:28 | 303.5194444 | Deploying | 2 | 12480 | 7.03 | 6.63 | 7.08 | 7.94 | 1909 | 1417 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:28 | 303.5197917 | Deploying | 2 | 12510 | 7.09 | 6.63 | 7.1 | 7.9 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 12:29 | 303.5201389 | Deploying | 2 | 12540 | 7.09 | 6.63 | 7.11 | 7.9 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 12:29 | 303.5204861 | Deploying | 2 | 12570 | 7.09 | 6.63 | 7.13 | 7.92 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:29 | 303.5208102 | Winding down 1609 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:30 | 303.5208333 | Deploying | 2 | 12600 | 7.09 | 6.69 | 7.15 | 7.86 | 1943 | 1434 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 12:30 | 303.5211806 | Deploying | 2 | 12630 | 7.18 | 6.69 | 7.16 | 7.92 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:31 | 303.5215278 | Deploying | 2 | 12660 | 7.18 | 6.69 | 7.18 | 7.92 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:31 | 303.5218750 | Deploying | 2 | 12690 | 7.16 | 6.69 | 7.2 | 7.92 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:32 | 303.5222222 | Deploying | 2 | 12720 | 7.17 | 6.69 | 7.22 | 7.92 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:32 | 303.5225694 | Deploying | 2 | 12750 | 7.19 | 6.69 | 7.23 | 7.9 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:32 | 303.5228009 | Winding down 2120 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 12:33 | 303.5229167 | Deploying | 2 | 12780 | 7.17 | 6.77 | 7.25 | 7.95 | 1887 | 1402 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:33 | 303.5232639 | Deploying | 2 | 12810 | 7.26 | 6.77 | 7.27 | 7.92 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/28/2016 12:34 | 303.5236111 | Deploying | 2 | 12840 | 7.25 | 6.77 | 7.28 | 7.92 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 12:34 | 303.5238542 | Winding down 1685 ticks | 3 | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 12:34 | 303.5239583 | Deploying | 2 | 12870 | 7.26 | 6.84 | 7.3 | 7.92 | 1963 | 1432 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:35 | 303.5243056 | Deploying | 2 | 12900 | 7.3 | 6.84 | 7.32 | 7.9 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 12:35 | 303.5246528 | Deploying | 2 | 12930 | 7.32 | 6.84 | 7.33 | 7.92 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:36 | 303.5250000 | Deploying | 2 | 12960 | 7.31 | 6.84 | 7.35 | 7.92 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:36 | 303.5253472 | Deploying | 2 | 12990 | 7.33 | 6.84 | 7.37 | 7.92 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 12:36 | 303.5256597 | Winding down 1895 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:37 | 303.5256944 | Deploying | 2 | 13020 | 7.32 | 6.91 | 7.39 | 7.89 | 2061 | 1442 | 0 | 7 | 8 | 8 | 8 |
| 10/28/2016 12:37 | 303.5260417 | Deploying | 2 | 13050 | 7.38 | 6.91 | 7.4 | 7.9 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:38 | 303.5263889 | Deploying | 2 | 13080 | 7.38 | 6.91 | 7.42 | 7.9 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:38 | 303.5267361 | Deploying | 2 | 13110 | 7.38 | 6.91 | 7.44 | 7.92 | 0 | 0 | 0 | 8 | 7 | 9 | 7 |
| 10/28/2016 12:39 | 303.5270833 | Deploying | 2 | 13140 | 7.42 | 6.91 | 7.45 | 7.9 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:39 | 303.5273495 | Winding down 1338 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:39 | 303.5274306 | Deploying | 2 | 13170 | 7.42 | 6.96 | 7.47 | 7.92 | 1893 | 1422 | 0 | 7 | 8 | 9 | 8 |
| 10/28/2016 12:40 | 303.5277778 | Deploying | 2 | 13200 | 7.45 | 6.96 | 7.49 | 7.92 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 12:40 | 303.5281250 | Deploying | 2 | 13230 | 7.45 | 6.96 | 7.5 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 12:40 | 303.5282639 | Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:41 | 303.5284722 | Deploying | 2 | 13260 | 7.5 | 7.02 | 7.52 | 7.9 | 1940 | 1418 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:41 | 303.5288194 | Deploying | 2 | 13290 | 7.52 | 7.02 | 7.54 | 7.9 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:42 | 303.5291667 | Deploying | 2 | 13320 | 7.51 | 7.02 | 7.56 | 7.92 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:42 | 303.5294213 | Winding down 1524 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:42 | 303.5295139 | Deploying | 2 | 13350 | 7.53 | 7.08 | 7.57 | 7.94 | 1913 | 1427 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 12:43 | 303.5298611 | Deploying | 2 | 13380 | 7.56 | 7.08 | 7.59 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 12:43 | 303.5302083 | Deploying | 2 | 13410 | 7.55 | 7.08 | 7.61 | 7.9 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 12:43 | 303.5304167 | Winding down 1442 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:44 | 303.5305556 | Deploying | 2 | 13440 | 7.6 | 7.13 | 7.62 | 7.94 | 1940 | 1451 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 12:44 | 303.5309028 | Deploying | 2 | 13470 | 7.61 | 7.13 | 7.64 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 12:45 | 303.5312500 | Deploying | 2 | 13500 | 7.63 | 7.13 | 7.66 | 7.89 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:45 | 303.5315972 | Deploying | 2 | 13530 | 7.62 | 7.13 | 7.67 | 7.9 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 12:45 | 303.5317824 | Winding down 1389 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:46 | 303.5319444 | Deploying | 2 | 13560 | 7.65 | 7.19 | 7.69 | 7.89 | 1923 | 1431 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:46 | 303.5322917 | Deploying | 2 | 13590 | 7.69 | 7.19 | 7.71 | 7.92 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:47 | 303.5326389 | Deploying | 2 | 13620 | 7.69 | 7.19 | 7.73 | 7.92 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:47 | 303.5329861 | Deploying | 2 | 13650 | 7.66 | 7.19 | 7.74 | 7.87 | 0 | 0 | 0 | 6 | 10 | 8 | 10 |
| 10/28/2016 12:47 | 303.5330093 | Winding down 2040 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:48 | 303.5333333 | Deploying | 2 | 13680 | 7.74 | 7.26 | 7.76 | 7.9 | 1925 | 1408 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 12:48 | 303.5336806 | Deploying | 2 | 13710 | 7.74 | 7.26 | 7.78 | 7.9 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:49 | 303.5340278 | Deploying | 2 | 13740 | 7.74 | 7.26 | 7.79 | 7.9 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 12:49 | 303.5341435 | Winding down 1904 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:49 | 303.5343750 | Deploying | 2 | 13770 | 7.79 | 7.34 | 7.81 | 7.87 | 1950 | 1434 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 12:50 | 303.5347222 | Deploying | 2 | 13800 | 7.82 | 7.34 | 7.83 | 7.9 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 12:50 | 303.5350694 | Deploying | 2 | 13830 | 7.84 | 7.34 | 7.84 | 7.89 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:51 | 303.5354167 | Deploying | 2 | 13860 | 7.84 | 7.34 | 7.86 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 12:51 | 303.5357639 | Deploying | 2 | 13890 | 7.83 | 7.34 | 7.88 | 7.89 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:51 | 303.5359375 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:52 | 303.5361111 | Deploying | 2 | 13920 | 7.85 | 7.4 | 7.9 | 7.9 | 1954 | 1433 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 12:52 | 303.5364583 | Deploying | 2 | 13950 | 7.89 | 7.4 | 7.91 | 7.86 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:53 | 303.5368056 | Deploying | 2 | 13980 | 7.9 | 7.4 | 7.93 | 7.89 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:53 | 303.5371528 | Deploying | 2 | 14010 | 7.9 | 7.4 | 7.95 | 7.92 | 0 | 0 | 0 | 9 | 9 | 8 | 9 |
| 10/28/2016 12:53 | 303.5373264 | Winding down 2075 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 12:54 | 303.5375000 | Deploying | 2 | 14040 | 7.91 | 7.48 | 7.96 | 7.9 | 1922 | 1408 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 12:54 | 303.5378472 | Deploying | 2 | 14070 | 7.95 | 7.48 | 7.98 | 7.92 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 12:54 | 303.5381250 | Winding down 1477 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:55 | 303.5381944 | Deploying | 2 | 14100 | 7.96 | 7.54 | 8 | 7.9 | 1943 | 1430 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 12:55 | 303.5385417 | Deploying | 2 | 14130 | 8.02 | 7.54 | 8.01 | 7.89 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 12:56 | 303.5388889 | Deploying | 2 | 14160 | 8.01 | 7.54 | 8.03 | 7.9 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:56 | 303.5392361 | Deploying | 2 | 14190 | 7.99 | 7.54 | 8.05 | 7.89 | 0 | 0 | 0 | 7 | 11 | 10 | 11 |
| 10/28/2016 12:56 | 303.5395602 | Winding down 1409 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:57 | 303.5395833 | Deploying | 2 | 14220 | 8.01 | 7.59 | 8.07 | 7.9 | 1824 | 1433 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:57 | 303.5399306 | Deploying | 2 | 14250 | 8.06 | 7.59 | 8.08 | 7.89 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 12:58 | 303.5402778 | Deploying | 2 | 14280 | 8.05 | 7.59 | 8.1 | 7.9 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 12:58 | 303.5405787 | Winding down 1280 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:58 | 303.5406250 | Deploying | 2 | 14310 | 8.07 | 7.64 | 8.12 | 7.9 | 1945 | 1391 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 12:59 | 303.5409722 | Deploying | 2 | 14340 | 8.11 | 7.64 | 8.13 | 7.92 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 12:59 | 303.5413194 | Deploying | 2 | 14370 | 8.08 | 7.64 | 8.15 | 7.92 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 12:59 | 303.5414120 | Winding down 1950 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:00 | 303.5416667 | Deploying | 2 | 14400 | 8.15 | 7.72 | 8.17 | 7.9 | 1909 | 1412 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:00 | 303.5420139 | Deploying | 2 | 14430 | 8.17 | 7.72 | 8.18 | 7.9 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 13:01 | 303.5423611 | Deploying | 2 | 14460 | 8.18 | 7.72 | 8.2 | 7.87 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:01 | 303.5427083 | Deploying | 2 | 14490 | 8.2 | 7.72 | 8.22 | 7.89 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 13:02 | 303.5430556 | Deploying | 2 | 14520 | 8.17 | 7.72 | 8.24 | 7.9 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:02 | 303.5431366 | Winding down 1786 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:02 | 303.5434028 | Deploying | 2 | 14550 | 8.22 | 7.78 | 8.25 | 7.89 | 1927 | 1416 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:03 | 303.5437500 | Deploying | 2 | 14580 | 8.25 | 7.78 | 8.27 | 7.9 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:03 | 303.5440972 | Deploying | 2 | 14610 | 8.26 | 7.78 | 8.29 | 7.87 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/28/2016 13:04 | 303.5444444 | Deploying | 2 | 14640 | 8.23 | 7.78 | 8.3 | 7.9 | 0 | 0 | 0 | 11 | 9 | 9 | 9 |
| 10/28/2016 13:04 | 303.5445486 | Winding down 2115 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:04 | 303.5447917 | Deploying | 2 | 14670 | 8.3 | 7.86 | 8.32 | 7.89 | 1902 | 1414 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:05 | 303.5451389 | Deploying | 2 | 14700 | 8.3 | 7.86 | 8.34 | 7.9 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 13:05 | 303.5454861 | Deploying | 2 | 14730 | 8.34 | 7.86 | 8.35 | 7.87 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 13:06 | 303.5458333 | Deploying | 2 | 14760 | 8.32 | 7.86 | 8.37 | 7.9 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:06 | 303.5459954 | Winding down 2310 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:06 | 303.5461806 | Deploying | 2 | 14790 | 8.35 | 7.95 | 8.39 | 7.92 | 1913 | 1397 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 13:07 | 303.5465278 | Deploying | 2 | 14820 | 8.41 | 7.95 | 8.41 | 7.89 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:07 | 303.5468750 | Deploying | 2 | 14850 | 8.43 | 7.95 | 8.42 | 7.87 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 13:08 | 303.5472222 | Deploying | 2 | 14880 | 8.42 | 7.95 | 8.44 | 7.87 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:08 | 303.5475694 | Deploying | 2 | 14910 | 8.42 | 7.95 | 8.46 | 7.89 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 13:09 | 303.5479167 | Deploying | 2 | 14940 | 8.42 | 7.95 | 8.47 | 7.87 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:09 | 303.5481366 | Winding down 1581 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:09 | 303.5482639 | Deploying | 2 | 14970 | 8.45 | 8.01 | 8.49 | 7.94 | 1908 | 1431 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:10 | 303.5486111 | Deploying | 2 | 15000 | 8.48 | 8.01 | 8.51 | 7.9 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:10 | 303.5489583 | Deploying | 2 | 15030 | 8.48 | 8.01 | 8.52 | 7.9 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 13:11 | 303.5493056 | Deploying | 2 | 15060 | 8.47 | 8.01 | 8.54 | 7.9 | 0 | 0 | 0 | 12 | 11 | 9 | 11 |
| 10/28/2016 13:11 | 303.5494329 | Winding down 2068 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:11 | 303.5496528 | Deploying | 2 | 15090 | 8.51 | 8.09 | 8.56 | 7.89 | 1904 | 1405 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 13:12 | 303.5500000 | Deploying | 2 | 15120 | 8.55 | 8.09 | 8.58 | 7.9 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:12 | 303.5503472 | Deploying | 2 | 15150 | 8.54 | 8.09 | 8.59 | 7.9 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 13:12 | 303.5504630 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:13 | 303.5506944 | Deploying | 2 | 15180 | 8.59 | 8.16 | 8.61 | 7.9 | 1924 | 1417 | 0 | 9 | 9 | 9 | 9 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:13 | 303.5510417 | Deploying | 2 | 15210 | 8.61 | 8.16 | 8.63 | 7.9 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:14 | 303.5513889 | Deploying | 2 | 15240 | 8.61 | 8.16 | 8.64 | 7.9 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:14 | 303.5517361 | Deploying | 2 | 15270 | 8.61 | 8.16 | 8.66 | 7.86 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 13:14 | 303.5517708 | Winding down 1279 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:15 | 303.5520833 | Deploying | 2 | 15300 | 8.68 | 8.2 | 8.68 | 7.9 | 1935 | 1420 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 13:15 | 303.5524306 | Deploying | 2 | 15330 | 8.67 | 8.2 | 8.69 | 7.92 | 0 | 0 | 0 | 11 | 9 | 9 | 9 |
| 10/28/2016 13:16 | 303.5527778 | Deploying | 2 | 15360 | 8.66 | 8.2 | 8.71 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 13:16 | 303.5530671 | Winding down 1716 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:16 | 303.5531250 | Deploying | 2 | 15390 | 8.66 | 8.27 | 8.73 | 7.92 | 1905 | 1407 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 13:17 | 303.5534722 | Deploying | 2 | 15420 | 8.74 | 8.27 | 8.75 | 7.9 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:17 | 303.5538194 | Deploying | 2 | 15450 | 8.75 | 8.27 | 8.76 | 7.89 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:18 | 303.5541667 | Deploying | 2 | 15480 | 8.74 | 8.27 | 8.78 | 7.87 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:18 | 303.5544907 | Winding down 1359 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:18 | 303.5545139 | Deploying | 2 | 15510 | 8.75 | 8.32 | 8.8 | 7.84 | 1971 | 1400 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:19 | 303.5548611 | Deploying | 2 | 15540 | 8.78 | 8.32 | 8.81 | 7.9 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 13:19 | 303.5552083 | Deploying | 2 | 15570 | 8.75 | 8.32 | 8.83 | 7.9 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:19 | 303.5552778 | Winding down 1847 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:20 | 303.5555556 | Deploying | 2 | 15600 | 8.82 | 8.39 | 8.85 | 7.89 | 1823 | 1389 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 13:20 | 303.5559028 | Deploying | 2 | 15630 | 8.84 | 8.39 | 8.86 | 7.89 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 13:21 | 303.5562500 | Deploying | 2 | 15660 | 8.86 | 8.39 | 8.88 | 7.9 | 0 | 0 | 0 | 10 | 8 | 9 | 8 |
| 10/28/2016 13:21 | 303.5565972 | Deploying | 2 | 15690 | 8.87 | 8.39 | 8.9 | 7.89 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 13:22 | 303.5569444 | Deploying | 2 | 15720 | 8.85 | 8.39 | 8.92 | 7.87 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 13:22 | 303.5570255 | Winding down 1711 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:22 | 303.5572917 | Deploying | 2 | 15750 | 8.92 | 8.46 | 8.93 | 7.87 | 1943 | 1436 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:23 | 303.5576389 | Deploying | 2 | 15780 | 8.9 | 8.46 | 8.95 | 7.86 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:23 | 303.5579861 | Deploying | 2 | 15810 | 8.93 | 8.46 | 8.97 | 7.9 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:23 | 303.5581250 | Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:24 | 303.5583333 | Deploying | 2 | 15840 | 8.94 | 8.52 | 8.98 | 7.89 | 1936 | 1417 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 13:24 | 303.5586806 | Deploying | 2 | 15870 | 8.94 | 8.52 | 9 | 7.87 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 13:24 | 303.5588194 | Winding down 1382 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:25 | 303.5590278 | Deploying | 2 | 15900 | 9.01 | 8.57 | 9.02 | 7.89 | 1941 | 1421 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:25 | 303.5593750 | Deploying | 2 | 15930 | 9.04 | 8.57 | 9.03 | 7.9 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 13:26 | 303.5597222 | Deploying | 2 | 15960 | 9.01 | 8.57 | 9.05 | 7.87 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 13:26 | 303.5600694 | Deploying | 2 | 15990 | 9.05 | 8.57 | 9.07 | 7.89 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:27 | 303.5604167 | Deploying | 2 | 16020 | 9.05 | 8.57 | 9.09 | 7.87 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:27 | 303.5607639 | Deploying | 2 | 16050 | 9.05 | 8.57 | 9.1 | 7.9 | 0 | 0 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 13:27 | 303.5610995 | Winding down 2123 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:28 | 303.5611111 | Deploying | 2 | 16080 | 9.04 | 8.65 | 9.12 | 7.89 | 1901 | 1388 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:28 | 303.5614583 | Deploying | 2 | 16110 | 9.13 | 8.65 | 9.14 | 7.87 | 1901 | 11 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:29 | 303.5618056 | Deploying | 2 | 16140 | 9.12 | 8.65 | 9.15 | 7.9 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:29 | 303.5621528 | Deploying | 2 | 16170 | 9.12 | 8.65 | 9.17 | 7.86 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:29 | 303.5622801 | Winding down 1318 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:30 | 303.5625000 | Deploying | 2 | 16200 | 9.15 | 8.7 | 9.19 | 7.87 | 1884 | 1407 | 0 | 6 | 10 | 8 | 10 |
| 10/28/2016 13:30 | 303.5628472 | Deploying | 2 | 16230 | 9.2 | 8.7 | 9.2 | 7.89 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:31 | 303.5631944 | Deploying | 2 | 16260 | 9.16 | 8.7 | 9.22 | 7.89 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:31 | 303.5634606 | Winding down 1538 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:31 | 303.5635417 | Deploying | 2 | 16290 | 9.2 | 8.76 | 9.24 | 7.87 | 1940 | 1399 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 13:32 | 303.5638889 | Deploying | 2 | 16320 | 9.22 | 8.76 | 9.26 | 7.87 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:32 | 303.5642361 | Deploying | 2 | 16350 | 9.21 | 8.76 | 9.27 | 7.9 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:32 | 303.5645370 | Winding down 1730 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:33 | 303.5645833 | Deploying | 2 | 16380 | 9.23 | 8.83 | 9.29 | 7.9 | 1889 | 1421 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:33 | 303.5649306 | Deploying | 2 | 16410 | 9.29 | 8.83 | 9.31 | 7.9 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:34 | 303.5652778 | Deploying | 2 | 16440 | 9.28 | 8.83 | 9.32 | 7.87 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 13:34 | 303.5655671 | Winding down 2041 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:34 | 303.5656250 | Deploying | 2 | 16470 | 9.27 | 8.91 | 9.34 | 7.9 | 1954 | 1417 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 13:35 | 303.5659722 | Deploying | 2 | 16500 | 9.37 | 8.91 | 9.36 | 7.87 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:35 | 303.5663194 | Deploying | 2 | 16530 | 9.36 | 8.91 | 9.37 | 7.9 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:36 | 303.5666667 | Deploying | 2 | 16560 | 9.36 | 8.91 | 9.39 | 7.89 | 0 | 0 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 13:36 | 303.5670139 | Deploying | 2 | 16590 | 9.35 | 8.91 | 9.41 | 7.89 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:36 | 303.5672569 | Winding down 1535 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:37 | 303.5673611 | Deploying | 2 | 16620 | 9.39 | 8.97 | 9.43 | 7.86 | 1856 | 1393 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 13:37 | 303.5677083 | Deploying | 2 | 16650 | 9.42 | 8.97 | 9.44 | 7.9 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 13:38 | 303.5680556 | Deploying | 2 | 16680 | 9.39 | 8.97 | 9.46 | 7.87 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:38 | 303.5682986 | Winding down 2385 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:38 | 303.5684028 | Deploying | 2 | 16710 | 9.42 | 9.06 | 9.48 | 7.89 | 1891 | 1398 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 13:39 | 303.5687500 | Deploying | 2 | 16740 | 9.48 | 9.06 | 9.49 | 7.87 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 13:39 | 303.5690972 | Deploying | 2 | 16770 | 9.49 | 9.06 | 9.51 | 7.87 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:40 | 303.5694444 | Deploying | 2 | 16800 | 9.49 | 9.06 | 9.53 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 13:40 | 303.5697917 | Deploying | 2 | 16830 | 9.5 | 9.06 | 9.54 | 7.87 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:41 | 303.5701389 | Deploying | 2 | 16860 | 9.51 | 9.06 | 9.56 | 7.89 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:41 | 303.5701505 | Winding down 1426 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:41 | 303.5704861 | Deploying | 2 | 16890 | 9.55 | 9.11 | 9.58 | 7.87 | 1915 | 1412 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:42 | 303.5708333 | Deploying | 2 | 16920 | 9.57 | 9.11 | 9.6 | 7.9 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:42 | 303.5711806 | Deploying | 2 | 16950 | 9.59 | 9.11 | 9.61 | 7.86 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:43 | 303.5715278 | Deploying | 2 | 16980 | 9.58 | 9.11 | 9.63 | 7.87 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 13:43 | 303.5717245 | Winding down 2003 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:43 | 303.5718750 | Deploying | 2 | 17010 | 9.58 | 9.19 | 9.65 | 7.87 | 1887 | 1398 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:44 | 303.5722222 | Deploying | 2 | 17040 | 9.66 | 9.19 | 9.66 | 7.9 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 13:44 | 303.5725694 | Deploying | 2 | 17070 | 9.65 | 9.19 | 9.68 | 7.87 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:45 | 303.5729167 | Deploying | 2 | 17100 | 9.64 | 9.19 | 9.7 | 7.86 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:45 | 303.5730093 | Winding down 1725 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:45 | 303.5732639 | Deploying | 2 | 17130 | 9.7 | 9.26 | 9.71 | 7.89 | 1874 | 1358 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:46 | 303.5736111 | Deploying | 2 | 17160 | 9.7 | 9.26 | 9.73 | 7.87 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:46 | 303.5739583 | Deploying | 2 | 17190 | 9.71 | 9.26 | 9.75 | 7.86 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:47 | 303.5743056 | Deploying | 2 | 17220 | 9.72 | 9.26 | 9.77 | 7.9 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 13:47 | 303.5745718 | Winding down 1963 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:47 | 303.5746528 | Deploying | 2 | 17250 | 9.7 | 9.33 | 9.78 | 7.89 | 2130 | 1405 | 0 | 8 | 7 | 8 | 7 |
| 10/28/2016 13:48 | 303.5750000 | Deploying | 2 | 17280 | 9.78 | 9.33 | 9.8 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 13:48 | 303.5753472 | Deploying | 2 | 17310 | 9.78 | 9.33 | 9.82 | 7.89 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:48 | 303.5755324 | Winding down 1414 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:49 | 303.5756944 | Deploying | 2 | 17340 | 9.81 | 9.39 | 9.83 | 7.87 | 1922 | 1393 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 13:49 | 303.5760417 | Deploying | 2 | 17370 | 9.83 | 9.39 | 9.85 | 7.89 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:50 | 303.5763889 | Deploying | 2 | 17400 | 9.83 | 9.39 | 9.87 | 7.89 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:50 | 303.5767361 | Deploying | 2 | 17430 | 9.86 | 9.39 | 9.88 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 13:51 | 303.5770833 | Deploying | 2 | 17460 | 9.84 | 9.39 | 9.9 | 7.9 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/28/2016 13:51 | 303.5773495 | Winding down 1513 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:51 | 303.5774306 | Deploying | 2 | 17490 | 9.87 | 9.45 | 9.92 | 7.89 | 1937 | 1401 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:52 | 303.5777778 | Deploying | 2 | 17520 | 9.91 | 9.45 | 9.94 | 7.9 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:52 | 303.5781250 | Deploying | 2 | 17550 | 9.88 | 9.45 | 9.95 | 7.9 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 13:52 | 303.5783333 | Winding down 2242 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:53 | 303.5784722 | Deploying | 2 | 17580 | 9.93 | 9.53 | 9.97 | 7.94 | 1835 | 1391 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 13:53 | 303.5788194 | Deploying | 2 | 17610 | 9.97 | 9.53 | 9.99 | 7.9 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 13:54 | 303.5791667 | Deploying | 2 | 17640 | 9.98 | 9.53 | 10 | 7.92 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:54 | 303.5795139 | Deploying | 2 | 17670 | 9.98 | 9.53 | 10.02 | 7.92 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:55 | 303.5798611 | Deploying | 2 | 17700 | 10 | 9.53 | 10.04 | 7.89 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:55 | 303.5801389 | Winding down 2127 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:55 | 303.5802083 | Deploying | 2 | 17730 | 9.98 | 9.61 | 10.05 | 7.89 | 1842 | 1335 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:56 | 303.5805556 | Deploying | 2 | 17760 | 10.06 | 9.61 | 10.07 | 7.92 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:56 | 303.5809028 | Deploying | 2 | 17790 | 10.09 | 9.61 | 10.09 | 7.89 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 13:57 | 303.5812500 | Deploying | 2 | 17820 | 10.07 | 9.61 | 10.11 | 7.89 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 13:57 | 303.5815972 | Deploying | 2 | 17850 | 10.06 | 9.61 | 10.12 | 7.9 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 13:57 | 303.5816088 | Winding down 1651 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:58 | 303.5819444 | Deploying | 2 | 17880 | 10.13 | 9.68 | 10.14 | 7.9 | 1941 | 1411 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 13:58 | 303.5822917 | Deploying | 2 | 17910 | 10.12 | 9.68 | 10.16 | 7.92 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 13:59 | 303.5826389 | Deploying | 2 | 17940 | 10.12 | 9.68 | 10.17 | 7.9 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 13:59 | 303.5828009 | Winding down 1585 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 13:59 | 303.5829861 | Deploying | 2 | 17970 | 10.14 | 9.74 | 10.19 | 7.9 | 1889 | 1375 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 14:00 | 303.5833333 | Deploying | 2 | 18000 | 10.2 | 9.74 | 10.21 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 14:00 | 303.5836806 | Deploying | 2 | 18030 | 10.16 | 9.74 | 10.22 | 7.9 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 14:00 | 303.5838079 | Winding down 1468 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:01 | 303.5840278 | Deploying | 2 | 18060 | 10.24 | 9.79 | 10.24 | 7.92 | 1891 | 1389 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 14:01 | 303.5843750 | Deploying | 2 | 18090 | 10.25 | 9.79 | 10.26 | 7.92 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 14:02 | 303.5847222 | Deploying | 2 | 18120 | 10.26 | 9.79 | 10.28 | 7.89 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 14:02 | 303.5850694 | Deploying | 2 | 18150 | 10.25 | 9.79 | 10.29 | 7.9 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 14:03 | 303.5854167 | Deploying | 2 | 18180 | 10.27 | 9.79 | 10.31 | 7.92 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 14:03 | 303.5857639 | Deploying | 2 | 18210 | 10.28 | 9.79 | 10.33 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 14:03 | 303.5860417 | Winding down 1677 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:04 | 303.5861111 | Deploying | 2 | 18240 | 10.29 | 9.86 | 10.34 | 7.9 | 2097 | 1392 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 14:04 | 303.5864583 | Deploying | 2 | 18270 | 10.3 | 9.86 | 10.36 | 7.87 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 14:04 | 303.5865278 | Winding down 1372 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:05 | 303.5868056 | Deploying | 2 | 18300 | 10.37 | 9.91 | 10.38 | 7.9 | 1919 | 1399 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 14:05 | 303.5871528 | Deploying | 2 | 18330 | 10.36 | 9.91 | 10.39 | 7.9 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 14:06 | 303.5875000 | Deploying | 2 | 18360 | 10.38 | 9.91 | 10.41 | 7.92 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 14:06 | 303.5878472 | Deploying | 2 | 18390 | 10.37 | 9.91 | 10.43 | 7.9 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 14:06 | 303.5879282 | Winding down 1486 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:07 | 303.5881944 | Deploying | 2 | 18420 | 10.42 | 9.97 | 10.45 | 7.92 | 1941 | 1380 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 14:07 | 303.5885417 | Deploying | 2 | 18450 | 10.44 | 9.97 | 10.46 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 14:08 | 303.5888889 | Deploying | 2 | 18480 | 10.43 | 9.97 | 10.48 | 7.86 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 14:08 | 303.5892361 | Deploying | 2 | 18510 | 10.42 | 9.97 | 10.5 | 7.89 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 14:08 | 303.5892708 | Winding down 1655 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:09 | 303.5895833 | Deploying | 2 | 18540 | 10.5 | 10.03 | 10.51 | 7.9 | 1824 | 1387 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 14:09 | 303.5899306 | Deploying | 2 | 18570 | 10.5 | 10.03 | 10.53 | 7.9 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 14:10 | 303.5902778 | Deploying | 2 | 18600 | 10.5 | 10.03 | 10.55 | 7.9 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 14:10 | 303.5904282 | Winding down 1546 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:10 | 303.5906250 | Deploying | 2 | 18630 | 10.53 | 10.09 | 10.56 | 7.89 | 1894 | 1368 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 14:11 | 303.5909722 | Deploying | 2 | 18660 | 10.54 | 10.09 | 10.58 | 7.87 | 0 | 0 | 0 | 9 | 9 | 8 | 9 |
| 10/28/2016 14:11 | 303.5913194 | Deploying | 2 | 18690 | 10.54 | 10.09 | 10.6 | 7.87 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |

| Date/Time | Value | Event | State | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:11 | 303.5914120 | Winding down 1375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:12 | 303.5916667 | Deploying | 2 | 18720 | 10.59 | 10.15 | 10.62 | 7.89 | 1857 | 1396 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 14:12 | 303.5920139 | Deploying | 2 | 18750 | 10.58 | 10.15 | 10.63 | 7.89 | 0 | 0 | 0 | 11 | 9 | 8 | 9 |
| 10/28/2016 14:12 | 303.5922222 | Winding down 1267 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:13 | 303.5923611 | Deploying | 2 | 18780 | 10.62 | 10.19 | 10.65 | 7.87 | 1823 | 1384 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 14:13 | 303.5927083 | Deploying | 2 | 18810 | 10.67 | 10.19 | 10.67 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 14:14 | 303.5930556 | Deploying | 2 | 18840 | 10.65 | 10.19 | 10.68 | 7.87 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 14:14 | 303.5934028 | Deploying | 2 | 18870 | 10.65 | 10.19 | 10.7 | 7.87 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 14:14 | 303.5937037 | Winding down 1855 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:15 | 303.5937500 | Deploying | 2 | 18900 | 10.65 | 10.27 | 10.72 | 7.92 | 1871 | 1373 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 14:15 | 303.5940972 | Deploying | 2 | 18930 | 10.72 | 10.27 | 10.73 | 7.86 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 14:16 | 303.5944444 | Deploying | 2 | 18960 | 10.71 | 10.27 | 10.75 | 7.89 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 14:16 | 303.5947801 | Winding down 1348 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:16 | 303.5947917 | Deploying | 2 | 18990 | 10.72 | 10.32 | 10.77 | 7.87 | 1904 | 1406 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 14:17 | 303.5951389 | Deploying | 2 | 19020 | 10.79 | 10.32 | 10.79 | 7.87 | 1904 | 23 | 0 | 8 | 7 | 8 | 7 |
| 10/28/2016 14:17 | 303.5954861 | Deploying | 2 | 19050 | 10.79 | 10.32 | 10.8 | 7.87 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 14:18 | 303.5958333 | Deploying | 2 | 19080 | 10.76 | 10.32 | 10.82 | 7.9 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 14:18 | 303.5961343 | Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:18 | 303.5961806 | Deploying | 2 | 19110 | 10.78 | 10.38 | 10.84 | 7.89 | 1967 | 1402 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 14:19 | 303.5965278 | Deploying | 2 | 19140 | 10.85 | 10.38 | 10.85 | 7.87 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 14:19 | 303.5968750 | Deploying | 2 | 19170 | 10.82 | 10.38 | 10.87 | 7.9 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 14:19 | 303.5971875 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:20 | 303.5972222 | Deploying | 2 | 19200 | 10.84 | 10.44 | 10.89 | 7.87 | 2070 | 1393 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 14:20 | 303.5975694 | Deploying | 2 | 19230 | 10.89 | 10.44 | 10.9 | 7.87 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 14:21 | 303.5979167 | Deploying | 2 | 19260 | 10.89 | 10.44 | 10.92 | 7.9 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 14:21 | 303.5982639 | Deploying | 2 | 19290 | 10.86 | 10.44 | 10.94 | 7.9 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 14:21 | 303.5983449 | Winding down 1761 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:22 | 303.5986111 | Deploying | 2 | 19320 | 10.93 | 10.51 | 10.96 | 7.87 | 1938 | 1401 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 14:22 | 303.5989583 | Deploying | 2 | 19350 | 10.96 | 10.51 | 10.97 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 14:23 | 303.5993056 | Deploying | 2 | 19380 | 10.96 | 10.51 | 10.99 | 7.86 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 14:23 | 303.5996528 | Deploying | 2 | 19410 | 10.94 | 10.51 | 11.01 | 7.87 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 14:23 | 303.5997338 | Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:24 | 303.6000000 | Deploying | 2 | 19440 | 10.99 | 10.57 | 11.02 | 7.87 | 1928 | 1413 | 0 | 11 | 10 | 12 | 10 |
| 10/28/2016 14:24 | 303.6003472 | Deploying | 2 | 19470 | 10.98 | 10.57 | 11.04 | 7.89 | 0 | 0 | 0 | 13 | 12 | 12 | 12 |
| 10/28/2016 14:24 | 303.6004514 | Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6006944 | Deploying | 2 | 19500 | 11.01 | 10.63 | 11.06 | 7.89 | 1826 | 1364 | 7 | 18 | 21 | 26 | 21 |
| 10/28/2016 14:25 | 303.6007407 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6007407 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6007639 | Winding up 1450 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6007870 | Winding up 2800 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6008218 | Winding up 4400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6008796 | Winding up 6600 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6009606 | Winding up 8200 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6010417 | Rewinding | 5 | 19504 | 10.69 | 9.73 | 10.39 | 7.75 | 1133 | 826 | | | | | |
| 10/28/2016 14:25 | 303.6010648 | Winding up 7774 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6011574 | Winding up 5550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6012269 | Winding up 3900 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6012731 | Winding up 2900 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6013079 | Winding up 2125 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:25 | 303.6013426 | Winding up 1450 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6013889 | Rewinding | 5 | 19504 | 9.65 | 8.82 | 9.64 | 7.87 | 1125 | 68 |
| 10/28/2016 14:26 | 303.6015394 | Winding up 1250 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6015625 | Winding up 1650 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6015856 | Winding up 2075 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6016204 | Winding up 2800 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6016551 | Winding up 3575 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6017014 | Winding up 4625 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6017361 | Rewinding | 5 | 19504 | 9.08 | 8.2 | 8.89 | 7.73 | 1147 | 825 |
| 10/28/2016 14:26 | 303.6017593 | Winding up 5550 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6018287 | Winding up 5300 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6018981 | Winding up 4050 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6019560 | Winding up 2775 ticks | 3 | | | | | | | |
| 10/28/2016 14:26 | 303.6019907 | Winding up 2000 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6020833 | Rewinding | 5 | 19504 | 8.13 | 7.45 | 8.14 | 7.81 | 1136 | 819 |
| 10/28/2016 14:27 | 303.6022106 | Winding up 1500 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6022338 | Winding up 2025 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6022685 | Winding up 2775 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6023032 | Winding up 3425 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6023495 | Winding up 4500 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6024074 | Winding up 5700 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6024306 | Rewinding | 5 | 19504 | 7.61 | 6.69 | 7.39 | 7.65 | 1129 | 816 |
| 10/28/2016 14:27 | 303.6024769 | Winding up 5875 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6025463 | Winding up 5000 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6026157 | Winding up 3425 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6026620 | Winding up 2550 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6026968 | Winding up 1925 ticks | 3 | | | | | | | |
| 10/28/2016 14:27 | 303.6027199 | Winding up 1475 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6027778 | Rewinding | 5 | 19504 | 6.64 | 5.91 | 6.64 | 7.79 | 1150 | 832 |
| 10/28/2016 14:28 | 303.6029167 | Winding up 1425 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6029398 | Winding up 1925 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6029630 | Winding up 2325 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6029977 | Winding up 2825 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6030324 | Winding up 3400 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6030787 | Winding up 4150 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6031250 | Rewinding | 5 | 19504 | 6.06 | 5.3 | 5.89 | 7.71 | 1151 | 820 |
| 10/28/2016 14:28 | 303.6031366 | Winding up 4875 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6031944 | Winding up 4850 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6032523 | Winding up 4150 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6033102 | Winding up 2825 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6033449 | Winding up 2200 ticks | 3 | | | | | | | |
| 10/28/2016 14:28 | 303.6033796 | Winding up 1325 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6034722 | Rewinding | 5 | 19504 | 5.12 | 4.53 | 5.14 | 7.79 | 1146 | 818 |
| 10/28/2016 14:29 | 303.6035995 | Winding up 1350 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6036227 | Winding up 2000 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6036574 | Winding up 3050 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6037037 | Winding up 4375 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6037616 | Winding up 6075 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6038194 | Rewinding | 5 | 19504 | 4.65 | 3.89 | 4.39 | 7.62 | 1143 | 839 |

| Date | Value | Status | | | | | | | | |
|------|-------|--------|---|---|---|---|---|---|---|---|
| 10/28/2016 14:29 | 303.6038426 | Winding up 7175 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6039352 | Winding up 6700 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6040162 | Winding up 5050 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6040856 | Winding up 3400 ticks | 3 | | | | | | | |
| 10/28/2016 14:29 | 303.6041319 | Winding up 2100 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6041667 | Rewinding | 5 | 19504 | 3.67 | 2.96 | 3.64 | 7.71 | 1135 | 828 |
| 10/28/2016 14:30 | 303.6041667 | Winding up 1275 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6043866 | Winding up 1500 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6044097 | Winding up 2125 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6044444 | Winding up 3025 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6044907 | Winding up 4425 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6045139 | Rewinding | 5 | 19504 | 3.08 | 2.49 | 2.89 | 7.71 | 1148 | 821 |
| 10/28/2016 14:30 | 303.6045486 | Winding up 5975 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6046181 | Winding up 6825 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6046991 | Winding up 6500 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6047801 | Winding up 4650 ticks | 3 | | | | | | | |
| 10/28/2016 14:30 | 303.6048380 | Winding up 3250 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6048611 | Rewinding | 5 | 19504 | 2.22 | 1.46 | 2.14 | 7.7 | 1141 | 827 |
| 10/28/2016 14:31 | 303.6048843 | Winding up 1750 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6049074 | Winding up 1250 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6051389 | Winding up 1350 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6051620 | Winding up 1975 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6051968 | Winding up 2900 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6052083 | Rewinding | 5 | 19504 | 1.5 | 1.11 | 1.39 | 7.79 | 1140 | 36 |
| 10/28/2016 14:31 | 303.6052315 | Winding up 4025 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6052894 | Winding up 5400 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6053588 | Winding up 6500 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6054398 | Winding up 6225 ticks | 3 | | | | | | | |
| 10/28/2016 14:31 | 303.6055208 | Winding up 4425 ticks | 3 | | | | | | | |
| 10/28/2016 14:32 | 303.6055556 | Rewinding | 5 | 19504 | 0.77 | 0.11 | 0.64 | 7.7 | 1159 | 1109 |
| 10/28/2016 14:32 | 303.6055787 | Winding up 3375 ticks | 3 | | | | | | | |
| 10/28/2016 14:32 | 303.6056250 | Winding up 3050 ticks | 3 | | | | | | | |
| 10/28/2016 14:32 | 303.6056713 | Winding up 3025 ticks | 3 | | | | | | | |
| 10/28/2016 14:32 | 303.6057176 | Winding up 3575 ticks | 3 | | | | | | | |
| 10/28/2016 14:32 | 303.6057639 | Winding up 4650 ticks | 3 | | | | | | | |
| 10/28/2016 14:32 | 303.6058218 | Winding up 6650 ticks | 3 | | | | | | | |
| 10/28/2016 14:32 | 303.6059028 | Rewinding | 5 | 19504 | 0.3 | -0.81 | -0.11 | 6.89 | 1174 | 1166 |
| 10/28/2016 14:32 | 303.6059028 | Winding up 10775 ticks | 3 | | | | | | | |
| 10/28/2016 14:32 | 303.6060301 | Winding up 17650 ticks | 3 | | | | | | | |
| 10/28/2016 14:32 | 303.6062384 | Winding up 28850 ticks | 3 | | | | | | | |
| 10/28/2016 14:33 | 303.6062500 | Rewinding | 5 | 19504 | 0.3 | -2.96 | -0.86 | 7.7 | 1022 | 1020 |
| 10/28/2016 14:33 | 303.6065741 | Winding up 47000 ticks | 3 | | | | | | | |
| 10/28/2016 14:33 | 303.6065972 | Rewinding | 5 | 19504 | 0.3 | -4.71 | -1.61 | 6.9 | 964 | 963 |
| 10/28/2016 14:34 | 303.6069444 | Rewinding | 5 | 19504 | 0.3 | -4.71 | -2.36 | 6.89 | 924 | 922 |
| 10/28/2016 14:34 | 303.6071296 | Winding up 76900 ticks | 3 | | | | | | | |
| 10/28/2016 14:34 | 303.6072917 | Rewinding | 5 | 19504 | 0.3 | -7.57 | -3.11 | 6.94 | 987 | 984 |
| 10/28/2016 14:35 | 303.6076389 | Rewinding | 5 | 19504 | 0.3 | -7.57 | -3.86 | 6.94 | 987 | 887 |
| 10/28/2016 14:35 | 303.6079861 | Rewinding | 5 | 19504 | 0.3 | -7.57 | -4.61 | 6.97 | 987 | 868 |
| 10/28/2016 14:35 | 303.6080208 | Winding up 125175 ticks | 3 | | | | | | | |

| 10/28/2016 14:36 | 303.6083333 | Rewinding | 5 | 19504 | 0.3 | -12.19 | -5.36 | 6.97 | 987 | 853 |
| 10/28/2016 14:36 | 303.6086806 | Rewinding | 5 | 19504 | 0.3 | -12.19 | -6.11 | 6.97 | 848 | 838 |
| 10/28/2016 14:37 | 303.6090278 | Rewinding | 5 | 19504 | 0.29 | -12.19 | -6.86 | 7 | 848 | 828 |
| 10/28/2016 14:37 | 303.6093750 | Rewinding | 5 | 19504 | 0.3 | -12.19 | -7.61 | 7.02 | 848 | 822 |
| 10/28/2016 14:37 | 303.6094792 | Winding up 203875 ticks | 3 | | | | | | | |
| 10/28/2016 14:38 | 303.6097222 | Rewinding | 5 | 19504 | 0.3 | -19.6 | -8.36 | 7 | 848 | 819 |
| 10/28/2016 14:38 | 303.6100694 | Rewinding | 5 | 19504 | 0.29 | -19.6 | -9.11 | 6.98 | 821 | 810 |
| 10/28/2016 14:39 | 303.6104167 | Rewinding | 5 | 19504 | 0.29 | -19.6 | -9.86 | 7 | 821 | 802 |
| 10/28/2016 14:39 | 303.6107639 | Rewinding | 5 | 19504 | 0.3 | -19.6 | -10.61 | 7.02 | 821 | 798 |
| 10/28/2016 14:40 | 303.6111111 | Rewinding | 5 | 19504 | 0.3 | -19.6 | -11.36 | 7.02 | 821 | 794 |
| 10/28/2016 14:40 | 303.6114583 | Rewinding | 5 | 19504 | 0.3 | -19.6 | -12.11 | 7 | 821 | 787 |
| 10/28/2016 14:41 | 303.6118056 | Rewinding | 5 | 19504 | 0.29 | -19.6 | -12.86 | 7 | 821 | 785 |
| 10/28/2016 14:41 | 303.6118403 | Winding up 331275 ticks | 3 | | | | | | | |
| 10/28/2016 14:41 | 303.6121528 | Rewinding | 5 | 19504 | 0.3 | -31.36 | -13.61 | 7.02 | 821 | 783 |
| 10/28/2016 14:42 | 303.6125000 | Rewinding | 5 | 19504 | 0.29 | -31.36 | -14.36 | 7.06 | 764 | 761 |
| 10/28/2016 14:42 | 303.6128472 | Rewinding | 5 | 19504 | 0.29 | -31.36 | -15.11 | 7.03 | 772 | 770 |
| 10/28/2016 14:43 | 303.6131944 | Rewinding | 5 | 19504 | 0.29 | -31.36 | -15.86 | 7.03 | 772 | 762 |
| 10/28/2016 14:43 | 303.6135417 | Rewinding | 5 | 19504 | 0.3 | -31.36 | -16.61 | 7.06 | 772 | 760 |
| 10/28/2016 14:44 | 303.6138889 | Rewinding | 5 | 19504 | 0.29 | -31.36 | -17.36 | 7.03 | 772 | 752 |
| 10/28/2016 14:44 | 303.6142361 | Rewinding | 5 | 19504 | 0.3 | -31.36 | -18.11 | 7.05 | 772 | 750 |
| 10/28/2016 14:45 | 303.6145833 | Rewinding | 5 | 19504 | 0.3 | -31.36 | -18.86 | 7.02 | 772 | 762 |
| 10/28/2016 14:45 | 303.6149306 | Rewinding | 5 | 19504 | 0.3 | -31.36 | -19.61 | 7.02 | 772 | 765 |
| 10/28/2016 14:46 | 303.6152778 | Rewinding | 5 | 19504 | 0.3 | -31.36 | -20.36 | 7.1 | 772 | 760 |
| 10/28/2016 14:46 | 303.6156250 | Rewinding | 5 | 19504 | 0.3 | -31.36 | -21.11 | 7.08 | 772 | 759 |
| 10/28/2016 14:46 | 303.6156829 | Winding up 538775 ticks | 3 | | | | | | | |
| 10/28/2016 14:47 | 303.6159722 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -21.86 | 7.08 | 772 | 756 |
| 10/28/2016 14:47 | 303.6163194 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -22.61 | 7.06 | 756 | 753 |
| 10/28/2016 14:48 | 303.6166667 | Rewinding | 5 | 19504 | 0.29 | -49.76 | -23.36 | 7.06 | 756 | 753 |
| 10/28/2016 14:48 | 303.6170139 | Rewinding | 5 | 19504 | 0.29 | -49.76 | -24.11 | 7.06 | 756 | 753 |
| 10/28/2016 14:49 | 303.6173611 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -24.86 | 7.08 | 756 | 751 |
| 10/28/2016 14:49 | 303.6177083 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -25.61 | 7.06 | 756 | 750 |
| 10/28/2016 14:50 | 303.6180556 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -26.36 | 7.08 | 756 | 751 |
| 10/28/2016 14:50 | 303.6184028 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -27.11 | 7.08 | 756 | 749 |
| 10/28/2016 14:51 | 303.6187500 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -27.86 | 7.08 | 756 | 747 |
| 10/28/2016 14:51 | 303.6190972 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -28.61 | 7.1 | 756 | 746 |
| 10/28/2016 14:52 | 303.6194444 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -29.36 | 7.1 | 756 | 743 |
| 10/28/2016 14:52 | 303.6197917 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -30.11 | 7.06 | 756 | 741 |
| 10/28/2016 14:53 | 303.6201389 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -30.86 | 7.1 | 756 | 741 |
| 10/28/2016 14:53 | 303.6204861 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -31.61 | 7.11 | 756 | 736 |
| 10/28/2016 14:54 | 303.6208333 | Rewinding | 5 | 19504 | 0.3 | -49.76 | -32.36 | 7.11 | 756 | 735 |
| 10/28/2016 14:54 | 303.6211806 | Rewinding | 5 | 19504 | 0.29 | -49.76 | -33.11 | 7.11 | 756 | 736 |
| 10/28/2016 14:55 | 303.6215278 | Rewinding | 5 | 19504 | 0.29 | -49.76 | -33.86 | 7.1 | 756 | 731 |
| 10/28/2016 14:55 | 303.6218750 | Rewinding | 5 | 19504 | 0.29 | -49.76 | -34.61 | 7.13 | 756 | 734 |
| 10/28/2016 14:55 | 303.6219213 | Winding up 875575 ticks | 3 | | | | | | | |
| 10/28/2016 14:56 | 303.6222222 | Rewinding | 5 | 19504 | 0.3 | -77.7 | -35.36 | 7.1 | 756 | 734 |
| 10/28/2016 14:56 | 303.6225694 | Rewinding | 5 | 19504 | 0.3 | -77.7 | -36.11 | 7.05 | 736 | 734 |
| 10/28/2016 14:57 | 303.6229167 | Rewinding | 5 | 19504 | 0.3 | -77.7 | -36.86 | 7.05 | 738 | 736 |
| 10/28/2016 14:57 | 303.6232639 | Rewinding | 5 | 19504 | 0.29 | -77.7 | -37.61 | 7.06 | 738 | 735 |
| 10/28/2016 14:58 | 303.6236111 | Rewinding | 5 | 19504 | 0.3 | -77.7 | -38.36 | 7.05 | 738 | 735 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:58 | 303.6239583 | Rewinding | 5 | 19504 | 0.11 | -77.7 | -39.11 | 7.06 | 738 | 735 |
| 10/28/2016 14:59 | 303.6243056 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -39.86 | 7.06 | 738 | 732 |
| 10/28/2016 14:59 | 303.6246528 | Rewinding | 5 | 19504 | -0.19 | -77.7 | -40.61 | 7.05 | 738 | 732 |
| 10/28/2016 15:00 | 303.6250000 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -41.36 | 7.06 | 738 | 731 |
| 10/28/2016 15:00 | 303.6253472 | Rewinding | 5 | 19504 | -0.19 | -77.7 | -42.11 | 7.03 | 738 | 729 |
| 10/28/2016 15:01 | 303.6256944 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -42.86 | 7.05 | 738 | 729 |
| 10/28/2016 15:01 | 303.6260417 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -43.61 | 7.06 | 738 | 732 |
| 10/28/2016 15:02 | 303.6263889 | Rewinding | 5 | 19504 | -0.19 | -77.7 | -44.36 | 7.08 | 738 | 726 |
| 10/28/2016 15:02 | 303.6267361 | Rewinding | 5 | 19504 | -0.18 | -77.7 | -45.11 | 7.06 | 738 | 718 |
| 10/28/2016 15:03 | 303.6270833 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -45.86 | 7.06 | 738 | 730 |
| 10/28/2016 15:03 | 303.6274306 | Rewinding | 5 | 19504 | -0.19 | -77.7 | -46.61 | 7.08 | 738 | 727 |
| 10/28/2016 15:04 | 303.6277778 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -47.36 | 7.1 | 738 | 721 |
| 10/28/2016 15:04 | 303.6281250 | Rewinding | 5 | 19504 | -0.18 | -77.7 | -48.11 | 7.11 | 738 | 717 |
| 10/28/2016 15:05 | 303.6284722 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -48.86 | 7.1 | 738 | 716 |
| 10/28/2016 15:05 | 303.6288194 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -49.61 | 7.08 | 738 | 713 |
| 10/28/2016 15:06 | 303.6291667 | Rewinding | 5 | 19504 | -0.19 | -77.7 | -50.36 | 7.1 | 738 | 716 |
| 10/28/2016 15:06 | 303.6295139 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -51.11 | 7.08 | 738 | 717 |
| 10/28/2016 15:07 | 303.6298611 | Rewinding | 5 | 19504 | -0.19 | -77.7 | -51.86 | 7.08 | 738 | 714 |
| 10/28/2016 15:07 | 303.6302083 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -52.61 | 7.06 | 738 | 714 |
| 10/28/2016 15:08 | 303.6305556 | Rewinding | 5 | 19504 | -0.2 | -77.7 | -53.36 | 7.05 | 738 | 714 |
| 10/28/2016 15:08 | 303.6309028 | Rewinding | 5 | 19504 | -0.18 | -77.7 | -54.11 | 7.06 | 738 | 722 |
| 10/28/2016 15:09 | 303.6312500 | Rewinding | 5 | 19504 | -0.19 | -77.7 | -54.86 | 7.08 | 738 | 721 |
| 10/28/2016 15:09 | 303.6315972 | Rewinding | 5 | 19504 | -0.19 | -77.7 | -55.61 | 7.08 | 738 | 713 |
| 10/28/2016 15:10 | 303.6319444 | Rewinding | 5 | 19504 | -0.19 | -77.7 | -56.36 | 7.08 | 738 | 712 |
| 10/28/2016 15:10 | 303.6320602 | Winding up 1410950 ticks | 3 | | | | | | | |
| 10/28/2016 15:10 | 303.6322917 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -57.11 | 7.13 | 738 | 712 |
| 10/28/2016 15:11 | 303.6326389 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -57.86 | 7.13 | 724 | 718 |
| 10/28/2016 15:11 | 303.6329861 | Rewinding | 5 | 19504 | -0.2 | -117.67 | -58.61 | 7.11 | 724 | 709 |
| 10/28/2016 15:12 | 303.6333333 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -59.36 | 7.1 | 724 | 713 |
| 10/28/2016 15:12 | 303.6336806 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -60.11 | 7.1 | 724 | 715 |
| 10/28/2016 15:13 | 303.6340278 | Rewinding | 5 | 19504 | -0.2 | -117.67 | -60.86 | 7.1 | 724 | 704 |
| 10/28/2016 15:13 | 303.6343750 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -61.61 | 7.11 | 825 | 765 |
| 10/28/2016 15:14 | 303.6347222 | Rewinding | 5 | 19504 | -0.18 | -117.67 | -62.36 | 7.1 | 825 | 748 |
| 10/28/2016 15:14 | 303.6350694 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -63.11 | 7.1 | 825 | 740 |
| 10/28/2016 15:15 | 303.6354167 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -63.86 | 7.11 | 825 | 736 |
| 10/28/2016 15:15 | 303.6357639 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -64.61 | 7.06 | 825 | 733 |
| 10/28/2016 15:16 | 303.6361111 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -65.36 | 7.1 | 825 | 734 |
| 10/28/2016 15:16 | 303.6364583 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -66.11 | 7.13 | 825 | 737 |
| 10/28/2016 15:17 | 303.6368056 | Rewinding | 5 | 19504 | -0.2 | -117.67 | -66.86 | 7.08 | 825 | 729 |
| 10/28/2016 15:17 | 303.6371528 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -67.61 | 7.08 | 825 | 725 |
| 10/28/2016 15:18 | 303.6375000 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -68.36 | 7.11 | 825 | 733 |
| 10/28/2016 15:18 | 303.6378472 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -69.11 | 7.1 | 825 | 728 |
| 10/28/2016 15:19 | 303.6381944 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -69.86 | 7.1 | 825 | 735 |
| 10/28/2016 15:19 | 303.6385417 | Rewinding | 5 | 19504 | -0.18 | -117.67 | -70.61 | 7.06 | 825 | 733 |
| 10/28/2016 15:20 | 303.6388889 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -71.36 | 7.05 | 825 | 734 |
| 10/28/2016 15:20 | 303.6392361 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -72.11 | 7.08 | 825 | 732 |
| 10/28/2016 15:21 | 303.6395833 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -72.86 | 7.08 | 825 | 736 |
| 10/28/2016 15:21 | 303.6399306 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -73.61 | 7.06 | 825 | 721 |
| 10/28/2016 15:22 | 303.6402778 | Rewinding | 5 | 19504 | -0.2 | -117.67 | -74.36 | 7.06 | 825 | 711 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:22 | 303.6406250 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -75.11 | 7.08 | 825 | 722 |
| 10/28/2016 15:23 | 303.6409722 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -75.86 | 7.06 | 825 | 719 |
| 10/28/2016 15:23 | 303.6413194 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -76.61 | 7.08 | 825 | 719 |
| 10/28/2016 15:24 | 303.6416667 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -77.36 | 7.06 | 825 | 713 |
| 10/28/2016 15:24 | 303.6420139 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -78.11 | 7.05 | 825 | 718 |
| 10/28/2016 15:25 | 303.6423611 | Rewinding | 5 | 19504 | -0.2 | -117.67 | -78.86 | 7.06 | 825 | 721 |
| 10/28/2016 15:25 | 303.6427083 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -79.61 | 7.05 | 825 | 718 |
| 10/28/2016 15:26 | 303.6430556 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -80.36 | 7.05 | 825 | 717 |
| 10/28/2016 15:26 | 303.6434028 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -81.11 | 7.03 | 825 | 718 |
| 10/28/2016 15:27 | 303.6437500 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -81.86 | 7.02 | 825 | 717 |
| 10/28/2016 15:27 | 303.6440972 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -82.61 | 7.24 | 825 | 720 |
| 10/28/2016 15:28 | 303.6444444 | Rewinding | 5 | 19504 | -0.18 | -117.67 | -83.36 | 7.25 | 825 | 723 |
| 10/28/2016 15:28 | 303.6447917 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -84.11 | 7.22 | 825 | 723 |
| 10/28/2016 15:29 | 303.6451389 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -84.86 | 7.25 | 825 | 717 |
| 10/28/2016 15:29 | 303.6454861 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -85.61 | 7.27 | 825 | 721 |
| 10/28/2016 15:30 | 303.6458333 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -86.36 | 7.06 | 825 | 720 |
| 10/28/2016 15:30 | 303.6461806 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -87.11 | 7.06 | 825 | 724 |
| 10/28/2016 15:31 | 303.6465278 | Rewinding | 5 | 19504 | -0.19 | -117.67 | -87.86 | 7.05 | 825 | 721 |
| 10/28/2016 15:31 | 303.6468750 | Rewinding | 5 | 19504 | -0.18 | -117.67 | -88.61 | 7.27 | 825 | 720 |
| 10/28/2016 15:32 | 303.6472222 | Rewinding | 5 | 19504 | -0.18 | -117.67 | -89.36 | 7.24 | 825 | 719 |
| 10/28/2016 15:32 | 303.6475694 | Rewinding | 5 | 19504 | -0.2 | -117.67 | -90.11 | 7.24 | 825 | 716 |
| 10/28/2016 15:33 | 303.6479167 | Rewinding | 5 | 19504 | -0.18 | -117.67 | -90.86 | 7.21 | 825 | 718 |
| 10/28/2016 15:33 | 303.6482639 | Rewinding | 5 | 19504 | -0.2 | -117.67 | -91.61 | 7.25 | 825 | 721 |
| 10/28/2016 15:33 | 303.6483912 | Winding up 2292825 ticks | 3 | | | | | | | |
| 10/28/2016 15:34 | 303.6486111 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -92.36 | 7.25 | 825 | 717 |
| 10/28/2016 15:34 | 303.6489583 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -93.11 | 7.27 | 722 | 716 |
| 10/28/2016 15:35 | 303.6493056 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -93.86 | 7.24 | 722 | 716 |
| 10/28/2016 15:35 | 303.6496528 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -94.61 | 7.25 | 722 | 711 |
| 10/28/2016 15:36 | 303.6500000 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -95.36 | 7.24 | 722 | 712 |
| 10/28/2016 15:36 | 303.6503472 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -96.11 | 7.29 | 733 | 730 |
| 10/28/2016 15:37 | 303.6506944 | Rewinding | 5 | 19504 | -0.18 | -169.29 | -96.86 | 7.27 | 733 | 708 |
| 10/28/2016 15:37 | 303.6510417 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -97.61 | 7.08 | 733 | 706 |
| 10/28/2016 15:38 | 303.6513889 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -98.36 | 7.24 | 733 | 709 |
| 10/28/2016 15:38 | 303.6517361 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -99.11 | 7.05 | 733 | 707 |
| 10/28/2016 15:39 | 303.6520833 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -99.86 | 7.24 | 733 | 709 |
| 10/28/2016 15:39 | 303.6524306 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -100.61 | 7.03 | 733 | 707 |
| 10/28/2016 15:40 | 303.6527778 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -101.36 | 7.22 | 733 | 706 |
| 10/28/2016 15:40 | 303.6531250 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -102.11 | 7.02 | 733 | 720 |
| 10/28/2016 15:41 | 303.6534722 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -102.86 | 7.02 | 733 | 707 |
| 10/28/2016 15:41 | 303.6538194 | Rewinding | 5 | 19504 | -0.18 | -169.29 | -103.61 | 7 | 733 | 705 |
| 10/28/2016 15:42 | 303.6541667 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -104.36 | 7 | 733 | 708 |
| 10/28/2016 15:42 | 303.6545139 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -105.11 | 6.98 | 733 | 703 |
| 10/28/2016 15:43 | 303.6548611 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -105.86 | 7 | 733 | 708 |
| 10/28/2016 15:43 | 303.6552083 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -106.61 | 6.97 | 733 | 704 |
| 10/28/2016 15:44 | 303.6555556 | Rewinding | 5 | 19504 | -0.18 | -169.29 | -107.36 | 7.13 | 733 | 723 |
| 10/28/2016 15:44 | 303.6559028 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -108.11 | 6.98 | 733 | 710 |
| 10/28/2016 15:45 | 303.6562500 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -108.86 | 6.98 | 733 | 712 |
| 10/28/2016 15:45 | 303.6565972 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -109.61 | 6.97 | 733 | 712 |
| 10/28/2016 15:46 | 303.6569444 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -110.36 | 6.92 | 733 | 715 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:46 | 303.6572917 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -111.11 | 6.95 | 733 | 712 |
| 10/28/2016 15:47 | 303.6576389 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -111.86 | 6.95 | 733 | 712 |
| 10/28/2016 15:47 | 303.6579861 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -112.61 | 6.95 | 733 | 710 |
| 10/28/2016 15:48 | 303.6583333 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -113.36 | 6.92 | 733 | 703 |
| 10/28/2016 15:48 | 303.6586806 | Rewinding | 5 | 19504 | -0.18 | -169.29 | -114.11 | 7.11 | 733 | 709 |
| 10/28/2016 15:49 | 303.6590278 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -114.86 | 6.89 | 733 | 708 |
| 10/28/2016 15:49 | 303.6593750 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -115.61 | 6.92 | 733 | 716 |
| 10/28/2016 15:50 | 303.6597222 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -116.36 | 6.83 | 733 | 711 |
| 10/28/2016 15:50 | 303.6600694 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -117.11 | 6.86 | 733 | 712 |
| 10/28/2016 15:51 | 303.6604167 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -117.86 | 6.86 | 733 | 712 |
| 10/28/2016 15:51 | 303.6607639 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -118.61 | 6.83 | 733 | 711 |
| 10/28/2016 15:52 | 303.6611111 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -119.36 | 6.83 | 733 | 713 |
| 10/28/2016 15:52 | 303.6614583 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -120.11 | 6.78 | 733 | 709 |
| 10/28/2016 15:53 | 303.6618056 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -120.86 | 6.27 | 733 | 712 |
| 10/28/2016 15:53 | 303.6621528 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -121.61 | 5.49 | 733 | 612 |
| 10/28/2016 15:54 | 303.6625000 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -122.36 | 5.49 | 733 | 611 |
| 10/28/2016 15:54 | 303.6628472 | Rewinding | 5 | 19504 | -0.18 | -169.29 | -123.11 | 5.43 | 733 | 566 |
| 10/28/2016 15:55 | 303.6631944 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -123.86 | 5.41 | 733 | 569 |
| 10/28/2016 15:55 | 303.6635417 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -124.61 | 5.37 | 733 | 575 |
| 10/28/2016 15:56 | 303.6638889 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -125.36 | 5.27 | 733 | 577 |
| 10/28/2016 15:56 | 303.6642361 | Rewinding | 5 | 19504 | -0.18 | -169.29 | -126.11 | 5.19 | 733 | 565 |
| 10/28/2016 15:57 | 303.6645833 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -126.86 | 5.22 | 733 | 399 |
| 10/28/2016 15:57 | 303.6649306 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -127.61 | 5.21 | 733 | 361 |
| 10/28/2016 15:58 | 303.6652778 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -128.36 | 5.22 | 733 | 280 |
| 10/28/2016 15:58 | 303.6656250 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -129.11 | 5.17 | 733 | 470 |
| 10/28/2016 15:59 | 303.6659722 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -129.86 | 5.22 | 733 | 263 |
| 10/28/2016 15:59 | 303.6663194 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -130.61 | 5.19 | 733 | 224 |
| 10/28/2016 16:00 | 303.6666667 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -131.36 | 5.16 | 733 | 250 |
| 10/28/2016 16:00 | 303.6670139 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -132.11 | 5.17 | 733 | 291 |
| 10/28/2016 16:01 | 303.6673611 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -132.86 | 5.19 | 733 | 179 |
| 10/28/2016 16:01 | 303.6677083 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -133.61 | 5.19 | 733 | 137 |
| 10/28/2016 16:02 | 303.6680556 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -134.36 | 5.21 | 733 | 160 |
| 10/28/2016 16:02 | 303.6684028 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -135.11 | 5.27 | 733 | 148 |
| 10/28/2016 16:03 | 303.6687500 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -135.86 | 5.17 | 733 | 309 |
| 10/28/2016 16:03 | 303.6690972 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -136.61 | 5.21 | 733 | 446 |
| 10/28/2016 16:04 | 303.6694444 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -137.36 | 5.19 | 733 | 268 |
| 10/28/2016 16:04 | 303.6697917 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -138.11 | 5.17 | 733 | 162 |
| 10/28/2016 16:05 | 303.6701389 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -138.86 | 5.21 | 733 | 193 |
| 10/28/2016 16:05 | 303.6704861 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -139.61 | 5.16 | 733 | 178 |
| 10/28/2016 16:06 | 303.6708333 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -140.36 | 5.19 | 733 | 206 |
| 10/28/2016 16:06 | 303.6711806 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -141.11 | 5.21 | 733 | 145 |
| 10/28/2016 16:07 | 303.6715278 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -141.86 | 5.19 | 733 | 200 |
| 10/28/2016 16:07 | 303.6718750 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -142.61 | 5.19 | 733 | 97 |
| 10/28/2016 16:08 | 303.6722222 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -143.36 | 5.19 | 733 | 114 |
| 10/28/2016 16:08 | 303.6725694 | Rewinding | 5 | 19504 | -0.19 | -169.29 | -144.11 | 5.19 | 733 | 115 |
| 10/28/2016 16:09 | 303.6729167 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -144.86 | 5.19 | 733 | 207 |
| 10/28/2016 16:09 | 303.6732639 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -145.61 | 5.13 | 733 | 104 |
| 10/28/2016 16:10 | 303.6736111 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -146.36 | 5.17 | 733 | 105 |
| 10/28/2016 16:10 | 303.6739583 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -147.11 | 5.19 | 733 | 184 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:11 | 303.6743056 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -147.86 | 5.17 | 733 | 99 |
| 10/28/2016 16:11 | 303.6746528 | Rewinding | 5 | 19504 | -0.2 | -169.29 | -148.61 | 5.19 | 733 | 193 |
| 10/28/2016 16:11 | 303.6749306 | Winding up 3725900 ticks | 3 | | | | | | | |
| 10/28/2016 16:12 | 303.6750000 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -149.36 | 5.21 | 733 | 92 |
| 10/28/2016 16:12 | 303.6753472 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -150.11 | 5.19 | 654 | 63 |
| 10/28/2016 16:13 | 303.6756944 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -150.86 | 5.16 | 654 | 96 |
| 10/28/2016 16:13 | 303.6760417 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -151.61 | 5.17 | 654 | 37 |
| 10/28/2016 16:14 | 303.6763889 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -152.36 | 5.21 | 654 | 94 |
| 10/28/2016 16:14 | 303.6767361 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -153.11 | 5.19 | 654 | 23 |
| 10/28/2016 16:15 | 303.6770833 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -153.86 | 5.17 | 654 | 72 |
| 10/28/2016 16:15 | 303.6774306 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -154.61 | 5.19 | 654 | 72 |
| 10/28/2016 16:16 | 303.6777778 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -155.36 | 5.17 | 654 | 81 |
| 10/28/2016 16:16 | 303.6781250 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -156.11 | 5.17 | 654 | 61 |
| 10/28/2016 16:17 | 303.6784722 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -156.86 | 5.16 | 654 | 35 |
| 10/28/2016 16:17 | 303.6788194 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -157.61 | 5.19 | 654 | 62 |
| 10/28/2016 16:18 | 303.6791667 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -158.36 | 5.19 | 654 | 94 |
| 10/28/2016 16:18 | 303.6795139 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -159.11 | 5.19 | 654 | 47 |
| 10/28/2016 16:19 | 303.6798611 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -159.86 | 5.17 | 654 | 66 |
| 10/28/2016 16:19 | 303.6802083 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -160.61 | 5.17 | 654 | 50 |
| 10/28/2016 16:20 | 303.6805556 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -161.36 | 5.16 | 654 | 70 |
| 10/28/2016 16:20 | 303.6809028 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -162.11 | 5.17 | 654 | 63 |
| 10/28/2016 16:21 | 303.6812500 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -162.86 | 5.17 | 654 | 88 |
| 10/28/2016 16:21 | 303.6815972 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -163.61 | 5.17 | 654 | 47 |
| 10/28/2016 16:22 | 303.6819444 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -164.36 | 5.14 | 654 | 60 |
| 10/28/2016 16:22 | 303.6822917 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -165.11 | 5.16 | 654 | 28 |
| 10/28/2016 16:23 | 303.6826389 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -165.86 | 5.16 | 654 | 48 |
| 10/28/2016 16:23 | 303.6829861 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -166.61 | 5.16 | 654 | 44 |
| 10/28/2016 16:24 | 303.6833333 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -167.36 | 5.17 | 654 | 37 |
| 10/28/2016 16:24 | 303.6836806 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -168.11 | 5.14 | 654 | 21 |
| 10/28/2016 16:25 | 303.6840278 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -168.86 | 5.14 | 654 | 40 |
| 10/28/2016 16:25 | 303.6843750 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -169.61 | 5.16 | 654 | 48 |
| 10/28/2016 16:26 | 303.6847222 | Rewinding | 5 | 19504 | -0.21 | -217.94 | -170.36 | 5.16 | 654 | 49 |
| 10/28/2016 16:26 | 303.6850694 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -171.11 | 5.14 | 654 | 57 |
| 10/28/2016 16:27 | 303.6854167 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -171.86 | 5.14 | 654 | 40 |
| 10/28/2016 16:27 | 303.6857639 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -172.61 | 5.14 | 654 | 0 |
| 10/28/2016 16:28 | 303.6861111 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -173.36 | 5.13 | 654 | 15 |
| 10/28/2016 16:28 | 303.6864583 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -174.11 | 5.08 | 654 | 11 |
| 10/28/2016 16:29 | 303.6868056 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -174.86 | 5.17 | 654 | 66 |
| 10/28/2016 16:29 | 303.6871528 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -175.61 | 5.14 | 654 | 23 |
| 10/28/2016 16:30 | 303.6875000 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -176.36 | 5.14 | 654 | 2 |
| 10/28/2016 16:30 | 303.6878472 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -177.11 | 5.13 | 654 | 38 |
| 10/28/2016 16:31 | 303.6881944 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -177.86 | 5.1 | 654 | 45 |
| 10/28/2016 16:31 | 303.6885417 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -178.61 | 5.1 | 654 | 37 |
| 10/28/2016 16:32 | 303.6888889 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -179.36 | 5.14 | 654 | 51 |
| 10/28/2016 16:32 | 303.6892361 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -180.11 | 5.14 | 654 | 13 |
| 10/28/2016 16:33 | 303.6895833 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -180.86 | 5.14 | 654 | 15 |
| 10/28/2016 16:33 | 303.6899306 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -181.61 | 5.11 | 654 | 14 |
| 10/28/2016 16:34 | 303.6902778 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -182.36 | 5.11 | 654 | 37 |
| 10/28/2016 16:34 | 303.6906250 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -183.11 | 5.1 | 654 | 21 |

| 10/28/2016 16:35 | 303.6909722 | Rewinding | 5 | 19504 | -0.21 | -217.94 | -183.86 | 5.11 | 654 | 33 |
| 10/28/2016 16:35 | 303.6913194 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -184.61 | 5.08 | 654 | 22 |
| 10/28/2016 16:36 | 303.6916667 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -185.36 | 5.08 | 654 | 4 |
| 10/28/2016 16:36 | 303.6920139 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -186.11 | 5.08 | 654 | 30 |
| 10/28/2016 16:37 | 303.6923611 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -186.86 | 5.1 | 654 | 18 |
| 10/28/2016 16:37 | 303.6927083 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -187.61 | 5.08 | 654 | 10 |
| 10/28/2016 16:38 | 303.6930556 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -188.36 | 5.11 | 654 | 3 |
| 10/28/2016 16:38 | 303.6934028 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -189.11 | 5.08 | 654 | 40 |
| 10/28/2016 16:39 | 303.6937500 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -189.86 | 5.08 | 654 | 36 |
| 10/28/2016 16:39 | 303.6940972 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -190.61 | 5.08 | 654 | 0 |
| 10/28/2016 16:40 | 303.6944444 | Rewinding | 5 | 19504 | -0.2 | -217.94 | -191.36 | 5.08 | 654 | 12 |
| 10/28/2016 16:40 | 303.6947917 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -192.11 | 5.06 | 654 | 22 |
| 10/28/2016 16:41 | 303.6951389 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -192.86 | 5.06 | 654 | 15 |
| 10/28/2016 16:41 | 303.6954861 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -193.61 | 5.06 | 654 | 24 |
| 10/28/2016 16:42 | 303.6958333 | Rewinding | 5 | 19504 | -0.19 | -217.94 | -194.36 | 5.06 | 654 | 6 |
| 10/28/2016 16:42 | 303.6958449 | Manual stop | 5 | | | | | | | |
| 10/28/2016 16:42 | 303.6958449 | State 1 (IDLE) | 5 | | | | | | | |

DPS1-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 20:15 | 303.8437500 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/28/2016 20:15 | 303.8440972 | Deploying | 2 | 30 | 0.3 | 0 | 0.02 | 8.19 | 0 | 0 | 0 | 16 | 17 | 19 | 17 |
| 10/28/2016 20:16 | 303.8444444 | Deploying | 2 | 60 | 0.3 | 0 | 0.04 | 8.17 | 0 | 0 | 0 | 25 | 22 | 20 | 22 |
| 10/28/2016 20:16 | 303.8447917 | Deploying | 2 | 90 | 0.31 | 0 | 0.06 | 8.22 | 0 | 0 | 0 | 19 | 23 | 21 | 23 |
| 10/28/2016 20:17 | 303.8451389 | Deploying | 2 | 120 | 0.31 | 0 | 0.08 | 8.22 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 20:17 | 303.8454861 | Deploying | 2 | 150 | 0.3 | 0 | 0.09 | 8.21 | 0 | 0 | 0 | 19 | 19 | 20 | 19 |
| 10/28/2016 20:18 | 303.8458333 | Deploying | 2 | 180 | 0.31 | 0 | 0.11 | 8.19 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 20:18 | 303.8461806 | Deploying | 2 | 210 | 0.31 | 0 | 0.13 | 8.19 | 0 | 0 | 0 | 15 | 20 | 18 | 20 |
| 10/28/2016 20:19 | 303.8465278 | Deploying | 2 | 240 | 0.31 | 0 | 0.14 | 8.19 | 0 | 0 | 0 | 20 | 18 | 19 | 18 |
| 10/28/2016 20:19 | 303.8468750 | Deploying | 2 | 270 | 0.31 | 0 | 0.16 | 8.16 | 0 | 0 | 0 | 16 | 16 | 18 | 16 |
| 10/28/2016 20:20 | 303.8472222 | Deploying | 2 | 300 | 0.3 | 0 | 0.18 | 8.22 | 0 | 0 | 0 | 17 | 19 | 19 | 19 |
| 10/28/2016 20:20 | 303.8475694 | Deploying | 2 | 330 | 0.31 | 0 | 0.19 | 8.22 | 0 | 0 | 0 | 16 | 17 | 19 | 17 |
| 10/28/2016 20:21 | 303.8479167 | Deploying | 2 | 360 | 0.31 | 0 | 0.21 | 8.16 | 0 | 0 | 0 | 20 | 20 | 19 | 20 |
| 10/28/2016 20:21 | 303.8482639 | Deploying | 2 | 390 | 0.31 | 0 | 0.23 | 8.22 | 0 | 0 | 0 | 21 | 19 | 20 | 19 |
| 10/28/2016 20:22 | 303.8486111 | Deploying | 2 | 420 | 0.31 | 0 | 0.25 | 8.21 | 0 | 0 | 0 | 17 | 18 | 19 | 18 |
| 10/28/2016 20:22 | 303.8489583 | Deploying | 2 | 450 | 0.31 | 0 | 0.26 | 8.24 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 20:23 | 303.8493056 | Deploying | 2 | 480 | 0.31 | 0 | 0.28 | 8.17 | 0 | 0 | 0 | 17 | 21 | 19 | 21 |
| 10/28/2016 20:23 | 303.8496528 | Deploying | 2 | 510 | 0.3 | 0 | 0.3 | 8.21 | 0 | 0 | 0 | 17 | 20 | 19 | 20 |
| 10/28/2016 20:24 | 303.8500000 | Deploying | 2 | 540 | 0.3 | 0 | 0.31 | 8.16 | 0 | 0 | 0 | 17 | 20 | 18 | 20 |
| 10/28/2016 20:24 | 303.8503472 | Deploying | 2 | 570 | 0.31 | 0 | 0.33 | 8.21 | 0 | 0 | 0 | 16 | 22 | 18 | 22 |
| 10/28/2016 20:25 | 303.8506944 | Deploying | 2 | 600 | 0.3 | 0 | 0.35 | 8.19 | 0 | 0 | 0 | 21 | 19 | 19 | 19 |
| 10/28/2016 20:25 | 303.8510417 | Deploying | 2 | 630 | 0.31 | 0 | 0.36 | 8.21 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 20:25 | 303.8510532 | Winding down 1351 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:26 | 303.8513889 | Deploying | 2 | 660 | 0.33 | 0.05 | 0.38 | 8.17 | 1943 | 1410 | 0 | 23 | 22 | 20 | 22 |
| 10/28/2016 20:26 | 303.8517130 | Winding down 1384 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:26 | 303.8517361 | Deploying | 2 | 690 | 0.35 | 0.1 | 0.4 | 8.13 | 1950 | 1395 | 0 | 17 | 21 | 19 | 21 |
| 10/28/2016 20:27 | 303.8520833 | Deploying | 2 | 720 | 0.38 | 0.1 | 0.42 | 8.17 | 0 | 0 | 0 | 20 | 20 | 19 | 20 |
| 10/28/2016 20:27 | 303.8524190 | Winding down 1423 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:27 | 303.8524306 | Deploying | 2 | 750 | 0.38 | 0.16 | 0.43 | 8.17 | 1865 | 1382 | 0 | 18 | 22 | 20 | 22 |
| 10/28/2016 20:28 | 303.8527778 | Deploying | 2 | 780 | 0.43 | 0.16 | 0.45 | 8.16 | 1865 | 9 | 0 | 21 | 22 | 22 | 22 |
| 10/28/2016 20:28 | 303.8531250 | Deploying | 2 | 810 | 0.44 | 0.16 | 0.47 | 8.17 | 0 | 0 | 0 | 21 | 22 | 22 | 22 |
| 10/28/2016 20:29 | 303.8534722 | Deploying | 2 | 840 | 0.43 | 0.16 | 0.48 | 8.19 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 20:29 | 303.8536921 | Winding down 1456 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:29 | 303.8538194 | Deploying | 2 | 870 | 0.45 | 0.21 | 0.5 | 8.22 | 1925 | 1392 | 0 | 20 | 24 | 22 | 24 |
| 10/28/2016 20:30 | 303.8541667 | Deploying | 2 | 900 | 0.49 | 0.21 | 0.52 | 8.17 | 0 | 0 | 0 | 23 | 22 | 21 | 22 |
| 10/28/2016 20:30 | 303.8545139 | Deploying | 2 | 930 | 0.5 | 0.21 | 0.53 | 8.17 | 0 | 0 | 0 | 25 | 24 | 22 | 24 |
| 10/28/2016 20:30 | 303.8548264 | Winding down 1470 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:31 | 303.8548611 | Deploying | 2 | 960 | 0.5 | 0.27 | 0.55 | 8.21 | 1841 | 1347 | 0 | 19 | 22 | 20 | 22 |
| 10/28/2016 20:31 | 303.8552083 | Deploying | 2 | 990 | 0.56 | 0.27 | 0.57 | 8.19 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/28/2016 20:32 | 303.8555556 | Deploying | 2 | 1020 | 0.55 | 0.27 | 0.59 | 8.19 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/28/2016 20:32 | 303.8559028 | Deploying | 2 | 1050 | 0.54 | 0.27 | 0.6 | 8.19 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/28/2016 20:32 | 303.8560069 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:33 | 303.8562500 | Deploying | 2 | 1080 | 0.59 | 0.33 | 0.62 | 8.19 | 1912 | 1387 | 0 | 20 | 21 | 21 | 21 |
| 10/28/2016 20:33 | 303.8565972 | Deploying | 2 | 1110 | 0.61 | 0.33 | 0.64 | 8.17 | 0 | 0 | 0 | 25 | 24 | 21 | 24 |
| 10/28/2016 20:34 | 303.8569444 | Deploying | 2 | 1140 | 0.62 | 0.33 | 0.65 | 8.19 | 0 | 0 | 0 | 24 | 23 | 22 | 23 |
| 10/28/2016 20:34 | 303.8572917 | Deploying | 2 | 1170 | 0.61 | 0.33 | 0.67 | 8.17 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/28/2016 20:34 | 303.8573148 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:35 | 303.8576389 | Deploying | 2 | 1200 | 0.66 | 0.39 | 0.69 | 8.16 | 1988 | 1421 | 0 | 21 | 22 | 21 | 22 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 20:35 | 303.8579861 | Deploying | 2 | 1230 | 0.67 | 0.39 | 0.7 | 8.14 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 20:36 | 303.8583333 | Deploying | 2 | 1260 | 0.67 | 0.39 | 0.72 | 8.14 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/28/2016 20:36 | 303.8584838 | Winding down 1371 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:36 | 303.8586806 | Deploying | 2 | 1290 | 0.71 | 0.44 | 0.74 | 8.16 | 1979 | 1401 | 0 | 21 | 22 | 21 | 22 |
| 10/28/2016 20:37 | 303.8590278 | Deploying | 2 | 1320 | 0.72 | 0.44 | 0.76 | 8.19 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/28/2016 20:37 | 303.8593750 | Deploying | 2 | 1350 | 0.72 | 0.44 | 0.77 | 8.19 | 0 | 0 | 0 | 21 | 23 | 21 | 23 |
| 10/28/2016 20:37 | 303.8596181 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:38 | 303.8597222 | Deploying | 2 | 1380 | 0.74 | 0.5 | 0.79 | 8.16 | 1758 | 1360 | 0 | 24 | 23 | 21 | 23 |
| 10/28/2016 20:38 | 303.8600694 | Deploying | 2 | 1410 | 0.78 | 0.5 | 0.81 | 8.19 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/28/2016 20:39 | 303.8604167 | Deploying | 2 | 1440 | 0.78 | 0.5 | 0.82 | 8.17 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 20:39 | 303.8606944 | Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:39 | 303.8607639 | Deploying | 2 | 1470 | 0.79 | 0.56 | 0.84 | 8.16 | 1866 | 1389 | 0 | 22 | 21 | 22 | 21 |
| 10/28/2016 20:40 | 303.8611111 | Deploying | 2 | 1500 | 0.84 | 0.56 | 0.86 | 8.17 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 20:40 | 303.8614583 | Deploying | 2 | 1530 | 0.84 | 0.56 | 0.87 | 8.16 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/28/2016 20:41 | 303.8618056 | Deploying | 2 | 1560 | 0.84 | 0.56 | 0.89 | 8.16 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/28/2016 20:41 | 303.8621528 | Deploying | 2 | 1590 | 0.85 | 0.56 | 0.91 | 8.16 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/28/2016 20:41 | 303.8621759 | Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:42 | 303.8625000 | Deploying | 2 | 1620 | 0.9 | 0.62 | 0.93 | 8.17 | 1783 | 1314 | 0 | 22 | 22 | 21 | 22 |
| 10/28/2016 20:42 | 303.8628472 | Deploying | 2 | 1650 | 0.9 | 0.62 | 0.94 | 8.16 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/28/2016 20:43 | 303.8631944 | Deploying | 2 | 1680 | 0.92 | 0.62 | 0.96 | 8.14 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/28/2016 20:43 | 303.8635301 | Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:43 | 303.8635417 | Deploying | 2 | 1710 | 0.92 | 0.68 | 0.98 | 8.19 | 1833 | 1351 | 0 | 21 | 20 | 21 | 20 |
| 10/28/2016 20:44 | 303.8638889 | Deploying | 2 | 1740 | 0.96 | 0.68 | 0.99 | 8.19 | 1833 | 12 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 20:44 | 303.8642361 | Deploying | 2 | 1770 | 0.96 | 0.68 | 1.01 | 8.17 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/28/2016 20:44 | 303.8644792 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:45 | 303.8645833 | Deploying | 2 | 1800 | 0.98 | 0.74 | 1.03 | 8.17 | 1958 | 1344 | 0 | 20 | 23 | 21 | 23 |
| 10/28/2016 20:45 | 303.8649306 | Deploying | 2 | 1830 | 1.04 | 0.74 | 1.04 | 8.17 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/28/2016 20:46 | 303.8652778 | Deploying | 2 | 1860 | 1.02 | 0.74 | 1.06 | 8.16 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 20:46 | 303.8656250 | Deploying | 2 | 1890 | 1.03 | 0.74 | 1.08 | 8.19 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/28/2016 20:46 | 303.8656597 | Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:47 | 303.8659722 | Deploying | 2 | 1920 | 1.08 | 0.8 | 1.1 | 8.16 | 1951 | 1392 | 0 | 20 | 20 | 21 | 20 |
| 10/28/2016 20:47 | 303.8663194 | Deploying | 2 | 1950 | 1.1 | 0.8 | 1.11 | 8.16 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/28/2016 20:48 | 303.8666667 | Deploying | 2 | 1980 | 1.09 | 0.8 | 1.13 | 8.17 | 0 | 0 | 0 | 20 | 22 | 20 | 22 |
| 10/28/2016 20:48 | 303.8670139 | Deploying | 2 | 2010 | 1.09 | 0.8 | 1.15 | 8.17 | 0 | 0 | 0 | 20 | 20 | 21 | 20 |
| 10/28/2016 20:48 | 303.8671875 | Winding down 1750 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:49 | 303.8673611 | Deploying | 2 | 2040 | 1.12 | 0.87 | 1.16 | 8.14 | 1915 | 1394 | 0 | 20 | 21 | 21 | 21 |
| 10/28/2016 20:49 | 303.8677083 | Deploying | 2 | 2070 | 1.15 | 0.87 | 1.18 | 8.16 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/28/2016 20:50 | 303.8680556 | Deploying | 2 | 2100 | 1.15 | 0.87 | 1.2 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 20:50 | 303.8683333 | Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:50 | 303.8684028 | Deploying | 2 | 2130 | 1.16 | 0.92 | 1.21 | 8.17 | 1852 | 1363 | 0 | 22 | 21 | 21 | 21 |
| 10/28/2016 20:51 | 303.8687500 | Deploying | 2 | 2160 | 1.21 | 0.92 | 1.23 | 8.16 | 0 | 0 | 0 | 20 | 20 | 21 | 20 |
| 10/28/2016 20:51 | 303.8690972 | Deploying | 2 | 2190 | 1.19 | 0.92 | 1.25 | 8.16 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 20:51 | 303.8692014 | Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:52 | 303.8694444 | Deploying | 2 | 2220 | 1.25 | 0.98 | 1.27 | 8.14 | 2022 | 1423 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 20:52 | 303.8697917 | Deploying | 2 | 2250 | 1.26 | 0.98 | 1.28 | 8.16 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 20:53 | 303.8701389 | Deploying | 2 | 2280 | 1.26 | 0.98 | 1.3 | 8.16 | 0 | 0 | 0 | 22 | 21 | 20 | 21 |
| 10/28/2016 20:53 | 303.8704861 | Deploying | 2 | 2310 | 1.27 | 0.98 | 1.32 | 8.14 | 0 | 0 | 0 | 22 | 20 | 21 | 20 |
| 10/28/2016 20:53 | 303.8707407 | Winding down 1599 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:54 | 303.8708333 | Deploying | 2 | 2340 | 1.28 | 1.04 | 1.33 | 8.19 | 1851 | 1371 | 0 | 20 | 23 | 21 | 23 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 20:54 | 303.8711806 | Deploying | 2 | 2370 | 1.32 | 1.04 | 1.35 | 8.14 | 0 | 0 | 0 | 19 | 18 | 20 | 18 |
| 10/28/2016 20:55 | 303.8715278 | Deploying | 2 | 2400 | 1.33 | 1.04 | 1.37 | 8.16 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/28/2016 20:55 | 303.8718750 | Deploying | 2 | 2430 | 1.33 | 1.04 | 1.38 | 8.16 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 20:55 | 303.8720255 | Winding down 1546 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:56 | 303.8722222 | Deploying | 2 | 2460 | 1.37 | 1.1 | 1.4 | 8.17 | 1908 | 1385 | 0 | 19 | 22 | 20 | 22 |
| 10/28/2016 20:56 | 303.8725694 | Deploying | 2 | 2490 | 1.39 | 1.1 | 1.42 | 8.17 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 20:57 | 303.8729167 | Deploying | 2 | 2520 | 1.4 | 1.1 | 1.44 | 8.16 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 20:57 | 303.8732639 | Deploying | 2 | 2550 | 1.39 | 1.1 | 1.45 | 8.17 | 0 | 0 | 0 | 22 | 21 | 20 | 21 |
| 10/28/2016 20:57 | 303.8733681 | Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:58 | 303.8736111 | Deploying | 2 | 2580 | 1.43 | 1.16 | 1.47 | 8.16 | 2036 | 1374 | 0 | 21 | 22 | 21 | 22 |
| 10/28/2016 20:58 | 303.8739583 | Deploying | 2 | 2610 | 1.45 | 1.16 | 1.49 | 8.13 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/28/2016 20:59 | 303.8743056 | Deploying | 2 | 2640 | 1.46 | 1.16 | 1.5 | 8.16 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 20:59 | 303.8746528 | Deploying | 2 | 2670 | 1.46 | 1.16 | 1.52 | 8.17 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 20:59 | 303.8747801 | Winding down 1593 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:00 | 303.8750000 | Deploying | 2 | 2700 | 1.5 | 1.22 | 1.54 | 8.16 | 1978 | 1442 | 0 | 22 | 21 | 19 | 21 |
| 10/28/2016 21:00 | 303.8753472 | Deploying | 2 | 2730 | 1.53 | 1.22 | 1.55 | 8.13 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 21:01 | 303.8756944 | Deploying | 2 | 2760 | 1.52 | 1.22 | 1.57 | 8.17 | 0 | 0 | 0 | 19 | 19 | 20 | 19 |
| 10/28/2016 21:01 | 303.8758681 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:01 | 303.8760417 | Deploying | 2 | 2790 | 1.55 | 1.28 | 1.59 | 8.17 | 1979 | 1395 | 0 | 19 | 19 | 20 | 19 |
| 10/28/2016 21:02 | 303.8763889 | Deploying | 2 | 2820 | 1.58 | 1.28 | 1.61 | 8.13 | 0 | 0 | 0 | 19 | 22 | 20 | 22 |
| 10/28/2016 21:02 | 303.8767361 | Deploying | 2 | 2850 | 1.58 | 1.28 | 1.62 | 8.16 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 21:02 | 303.8770370 | Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:03 | 303.8770833 | Deploying | 2 | 2880 | 1.58 | 1.34 | 1.64 | 8.19 | 1938 | 1400 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:03 | 303.8774306 | Deploying | 2 | 2910 | 1.64 | 1.34 | 1.66 | 8.14 | 0 | 0 | 0 | 19 | 19 | 20 | 19 |
| 10/28/2016 21:04 | 303.8777778 | Deploying | 2 | 2940 | 1.64 | 1.34 | 1.67 | 8.19 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:04 | 303.8781250 | Deploying | 2 | 2970 | 1.64 | 1.34 | 1.69 | 8.14 | 0 | 0 | 0 | 20 | 18 | 20 | 18 |
| 10/28/2016 21:04 | 303.8783681 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:05 | 303.8784722 | Deploying | 2 | 3000 | 1.66 | 1.4 | 1.71 | 8.16 | 1877 | 1381 | 0 | 23 | 22 | 20 | 22 |
| 10/28/2016 21:05 | 303.8788194 | Deploying | 2 | 3030 | 1.71 | 1.4 | 1.72 | 8.16 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 21:06 | 303.8791667 | Deploying | 2 | 3060 | 1.71 | 1.4 | 1.74 | 8.17 | 0 | 0 | 0 | 19 | 19 | 20 | 19 |
| 10/28/2016 21:06 | 303.8795139 | Deploying | 2 | 3090 | 1.71 | 1.4 | 1.76 | 8.17 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/28/2016 21:06 | 303.8797569 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:07 | 303.8798611 | Deploying | 2 | 3120 | 1.72 | 1.46 | 1.78 | 8.13 | 1964 | 1398 | 0 | 18 | 22 | 20 | 22 |
| 10/28/2016 21:07 | 303.8802083 | Deploying | 2 | 3150 | 1.76 | 1.46 | 1.79 | 8.16 | 0 | 0 | 0 | 18 | 21 | 19 | 21 |
| 10/28/2016 21:07 | 303.8805440 | Winding down 1398 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:08 | 303.8805556 | Deploying | 2 | 3180 | 1.76 | 1.51 | 1.81 | 8.14 | 2028 | 1413 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 21:08 | 303.8809028 | Deploying | 2 | 3210 | 1.81 | 1.51 | 1.83 | 8.16 | 2028 | 1 | 0 | 18 | 20 | 20 | 20 |
| 10/28/2016 21:09 | 303.8812500 | Deploying | 2 | 3240 | 1.82 | 1.51 | 1.84 | 8.14 | 0 | 0 | 0 | 18 | 22 | 20 | 22 |
| 10/28/2016 21:09 | 303.8815972 | Deploying | 2 | 3270 | 1.81 | 1.51 | 1.86 | 8.14 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 21:10 | 303.8819444 | Deploying | 2 | 3300 | 1.81 | 1.51 | 1.88 | 8.16 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 21:10 | 303.8819444 | Winding down 1662 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:10 | 303.8822917 | Deploying | 2 | 3330 | 1.88 | 1.57 | 1.89 | 8.14 | 1900 | 1400 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 21:11 | 303.8826389 | Deploying | 2 | 3360 | 1.88 | 1.57 | 1.91 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 21:11 | 303.8829861 | Deploying | 2 | 3390 | 1.88 | 1.57 | 1.93 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 21:11 | 303.8831713 | Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:12 | 303.8833333 | Deploying | 2 | 3420 | 1.9 | 1.63 | 1.95 | 8.17 | 1886 | 1403 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:12 | 303.8836806 | Deploying | 2 | 3450 | 1.95 | 1.63 | 1.96 | 8.13 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:13 | 303.8840278 | Deploying | 2 | 3480 | 1.94 | 1.63 | 1.98 | 8.14 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 21:13 | 303.8843750 | Deploying | 2 | 3510 | 1.93 | 1.63 | 2 | 8.17 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |

| Date/Time | Value | Status | Mode | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 21:13 | 303.8845718 | Winding down 1853 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:14 | 303.8847222 | Deploying | 2 | 3540 | 1.97 | 1.7 | 2.01 | 8.13 | 1946 | 1398 | 0 | 19 | 18 | 20 | 18 |
| 10/28/2016 21:14 | 303.8850694 | Deploying | 2 | 3570 | 2.01 | 1.7 | 2.03 | 8.16 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:15 | 303.8854167 | Deploying | 2 | 3600 | 2.01 | 1.7 | 2.05 | 8.16 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 21:15 | 303.8857639 | Deploying | 2 | 3630 | 2.01 | 1.7 | 2.06 | 8.14 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 21:15 | 303.8859722 | Winding down 1442 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:16 | 303.8861111 | Deploying | 2 | 3660 | 2.03 | 1.76 | 2.08 | 8.17 | 1941 | 1387 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 21:16 | 303.8864583 | Deploying | 2 | 3690 | 2.07 | 1.76 | 2.1 | 8.14 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 21:17 | 303.8868056 | Deploying | 2 | 3720 | 2.07 | 1.76 | 2.12 | 8.13 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 21:17 | 303.8869676 | Winding down 1435 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:17 | 303.8871528 | Deploying | 2 | 3750 | 2.1 | 1.81 | 2.13 | 8.14 | 1869 | 1368 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:18 | 303.8875000 | Deploying | 2 | 3780 | 2.12 | 1.81 | 2.15 | 8.16 | 0 | 0 | 0 | 21 | 19 | 19 | 19 |
| 10/28/2016 21:18 | 303.8878472 | Deploying | 2 | 3810 | 2.12 | 1.81 | 2.17 | 8.16 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:19 | 303.8881944 | Deploying | 2 | 3840 | 2.12 | 1.81 | 2.18 | 8.14 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:19 | 303.8883102 | Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:19 | 303.8885417 | Deploying | 2 | 3870 | 2.16 | 1.88 | 2.2 | 8.17 | 1909 | 1404 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:20 | 303.8888889 | Deploying | 2 | 3900 | 2.19 | 1.88 | 2.22 | 8.13 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:20 | 303.8892361 | Deploying | 2 | 3930 | 2.19 | 1.88 | 2.23 | 8.14 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 21:20 | 303.8895255 | Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:21 | 303.8895833 | Deploying | 2 | 3960 | 2.19 | 1.94 | 2.25 | 8.13 | 1877 | 1395 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:21 | 303.8899306 | Deploying | 2 | 3990 | 2.26 | 1.94 | 2.27 | 8.14 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:22 | 303.8902778 | Deploying | 2 | 4020 | 2.24 | 1.94 | 2.29 | 8.13 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 21:22 | 303.8906250 | Deploying | 2 | 4050 | 2.25 | 1.94 | 2.3 | 8.14 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 21:22 | 303.8907060 | Winding down 1586 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:23 | 303.8909722 | Deploying | 2 | 4080 | 2.3 | 2 | 2.32 | 8.14 | 1824 | 1396 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 21:23 | 303.8913194 | Deploying | 2 | 4110 | 2.31 | 2 | 2.34 | 8.16 | 0 | 0 | 0 | 18 | 20 | 20 | 20 |
| 10/28/2016 21:24 | 303.8916667 | Deploying | 2 | 4140 | 2.31 | 2 | 2.35 | 8.14 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 21:24 | 303.8920139 | Deploying | 2 | 4170 | 2.31 | 2 | 2.37 | 8.19 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:24 | 303.8920255 | Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:25 | 303.8923611 | Deploying | 2 | 4200 | 2.37 | 2.06 | 2.39 | 8.14 | 1927 | 1423 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:25 | 303.8927083 | Deploying | 2 | 4230 | 2.37 | 2.06 | 2.4 | 8.14 | 0 | 0 | 0 | 18 | 21 | 19 | 21 |
| 10/28/2016 21:26 | 303.8930556 | Deploying | 2 | 4260 | 2.37 | 2.06 | 2.42 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:26 | 303.8933218 | Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:26 | 303.8934028 | Deploying | 2 | 4290 | 2.38 | 2.12 | 2.44 | 8.13 | 1978 | 1367 | 0 | 17 | 18 | 20 | 18 |
| 10/28/2016 21:27 | 303.8937500 | Deploying | 2 | 4320 | 2.43 | 2.12 | 2.46 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 21:27 | 303.8940972 | Deploying | 2 | 4350 | 2.44 | 2.12 | 2.47 | 8.16 | 0 | 0 | 0 | 21 | 19 | 19 | 19 |
| 10/28/2016 21:28 | 303.8944444 | Deploying | 2 | 4380 | 2.45 | 2.12 | 2.49 | 8.11 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 21:28 | 303.8947917 | Deploying | 2 | 4410 | 2.43 | 2.12 | 2.51 | 8.14 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/28/2016 21:28 | 303.8948495 | Winding down 2058 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:29 | 303.8951389 | Deploying | 2 | 4440 | 2.51 | 2.2 | 2.52 | 8.14 | 1951 | 1378 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 21:29 | 303.8954861 | Deploying | 2 | 4470 | 2.52 | 2.2 | 2.54 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 21:30 | 303.8958333 | Deploying | 2 | 4500 | 2.51 | 2.2 | 2.56 | 8.14 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 21:30 | 303.8961806 | Deploying | 2 | 4530 | 2.52 | 2.2 | 2.57 | 8.14 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 21:30 | 303.8962616 | Winding down 1661 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:31 | 303.8965278 | Deploying | 2 | 4560 | 2.56 | 2.27 | 2.59 | 8.14 | 1818 | 1322 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 21:31 | 303.8968750 | Deploying | 2 | 4590 | 2.6 | 2.27 | 2.61 | 8.13 | 0 | 0 | 0 | 19 | 21 | 19 | 21 |
| 10/28/2016 21:32 | 303.8972222 | Deploying | 2 | 4620 | 2.58 | 2.27 | 2.63 | 8.11 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/28/2016 21:32 | 303.8975000 | Winding down 1427 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:32 | 303.8975694 | Deploying | 2 | 4650 | 2.6 | 2.32 | 2.64 | 8.11 | 1958 | 1388 | 0 | 19 | 20 | 20 | 20 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10/28/2016 21:33 | 303.8979167 | Deploying | 2 | 4680 | 2.64 | 2.32 | 2.66 | 8.14 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/28/2016 21:33 | 303.8982639 | Deploying | 2 | 4710 | 2.64 | 2.32 | 2.68 | 8.13 | 0 | 0 | 0 | 18 | 21 | 19 | 21 |
| 10/28/2016 21:34 | 303.8986111 | Deploying | 2 | 4740 | 2.65 | 2.32 | 2.69 | 8.17 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:34 | 303.8989583 | Deploying | 2 | 4770 | 2.65 | 2.32 | 2.71 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:34 | 303.8990741 | Winding down 1879 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:35 | 303.8993056 | Deploying | 2 | 4800 | 2.68 | 2.39 | 2.73 | 8.14 | 1904 | 1394 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:35 | 303.8996528 | Deploying | 2 | 4830 | 2.72 | 2.39 | 2.74 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 21:36 | 303.9000000 | Deploying | 2 | 4860 | 2.71 | 2.39 | 2.76 | 8.14 | 0 | 0 | 0 | 17 | 20 | 19 | 20 |
| 10/28/2016 21:36 | 303.9002315 | Winding down 1395 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:36 | 303.9003472 | Deploying | 2 | 4890 | 2.73 | 2.44 | 2.78 | 8.13 | 1905 | 1361 | 0 | 22 | 20 | 19 | 20 |
| 10/28/2016 21:37 | 303.9006944 | Deploying | 2 | 4920 | 2.77 | 2.44 | 2.8 | 8.11 | 0 | 0 | 0 | 18 | 18 | 19 | 18 |
| 10/28/2016 21:37 | 303.9010417 | Deploying | 2 | 4950 | 2.77 | 2.44 | 2.81 | 8.11 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 21:37 | 303.9013079 | Winding down 1613 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:38 | 303.9013889 | Deploying | 2 | 4980 | 2.77 | 2.5 | 2.83 | 8.14 | 2171 | 1416 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:38 | 303.9017361 | Deploying | 2 | 5010 | 2.83 | 2.5 | 2.85 | 8.14 | 0 | 0 | 0 | 20 | 20 | 19 | 20 |
| 10/28/2016 21:39 | 303.9020833 | Deploying | 2 | 5040 | 2.83 | 2.5 | 2.86 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 21:39 | 303.9024306 | Deploying | 2 | 5070 | 2.83 | 2.5 | 2.88 | 8.13 | 0 | 0 | 0 | 17 | 20 | 19 | 20 |
| 10/28/2016 21:39 | 303.9026620 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:40 | 303.9027778 | Deploying | 2 | 5100 | 2.85 | 2.56 | 2.9 | 8.14 | 2004 | 1418 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:40 | 303.9031250 | Deploying | 2 | 5130 | 2.88 | 2.56 | 2.91 | 8.13 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/28/2016 21:41 | 303.9034722 | Deploying | 2 | 5160 | 2.88 | 2.56 | 2.93 | 8.14 | 0 | 0 | 0 | 17 | 20 | 19 | 20 |
| 10/28/2016 21:41 | 303.9035301 | Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:41 | 303.9038194 | Deploying | 2 | 5190 | 2.93 | 2.62 | 2.95 | 8.1 | 1896 | 1434 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:42 | 303.9041667 | Deploying | 2 | 5220 | 2.95 | 2.62 | 2.97 | 8.11 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 21:42 | 303.9045139 | Deploying | 2 | 5250 | 2.95 | 2.62 | 2.98 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:43 | 303.9048611 | Deploying | 2 | 5280 | 2.95 | 2.62 | 3 | 8.11 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:43 | 303.9051042 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:43 | 303.9052083 | Deploying | 2 | 5310 | 2.97 | 2.68 | 3.02 | 8.11 | 1867 | 1380 | 0 | 18 | 21 | 19 | 21 |
| 10/28/2016 21:44 | 303.9055556 | Deploying | 2 | 5340 | 3.01 | 2.68 | 3.03 | 8.14 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:44 | 303.9059028 | Deploying | 2 | 5370 | 3 | 2.68 | 3.05 | 8.11 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:44 | 303.9062269 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:45 | 303.9062500 | Deploying | 2 | 5400 | 3.01 | 2.74 | 3.07 | 8.08 | 1946 | 1418 | 0 | 20 | 20 | 19 | 20 |
| 10/28/2016 21:45 | 303.9065972 | Deploying | 2 | 5430 | 3.06 | 2.74 | 3.08 | 8.1 | 0 | 0 | 0 | 19 | 18 | 19 | 18 |
| 10/28/2016 21:46 | 303.9069444 | Deploying | 2 | 5460 | 3.06 | 2.74 | 3.1 | 8.13 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 21:46 | 303.9072917 | Deploying | 2 | 5490 | 3.06 | 2.74 | 3.12 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 21:46 | 303.9074653 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:47 | 303.9076389 | Deploying | 2 | 5520 | 3.09 | 2.8 | 3.14 | 8.13 | 1871 | 1398 | 0 | 19 | 19 | 20 | 19 |
| 10/28/2016 21:47 | 303.9079861 | Deploying | 2 | 5550 | 3.12 | 2.8 | 3.15 | 8.11 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 21:48 | 303.9083333 | Deploying | 2 | 5580 | 3.13 | 2.8 | 3.17 | 8.13 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:48 | 303.9086806 | Deploying | 2 | 5610 | 3.13 | 2.8 | 3.19 | 8.13 | 0 | 0 | 0 | 17 | 18 | 19 | 18 |
| 10/28/2016 21:48 | 303.9087269 | Winding down 1594 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:49 | 303.9090278 | Deploying | 2 | 5640 | 3.17 | 2.86 | 3.2 | 8.11 | 1863 | 1413 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:49 | 303.9093750 | Deploying | 2 | 5670 | 3.19 | 2.86 | 3.22 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:50 | 303.9097222 | Deploying | 2 | 5700 | 3.18 | 2.86 | 3.24 | 8.11 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 21:50 | 303.9099306 | Winding down 1517 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:50 | 303.9100694 | Deploying | 2 | 5730 | 3.22 | 2.92 | 3.25 | 8.13 | 1969 | 1423 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:51 | 303.9104167 | Deploying | 2 | 5760 | 3.24 | 2.92 | 3.27 | 8.11 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:51 | 303.9107639 | Deploying | 2 | 5790 | 3.24 | 2.92 | 3.29 | 8.11 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/28/2016 21:52 | 303.9111111 | Deploying | 2 | 5820 | 3.25 | 2.92 | 3.31 | 8.11 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |

| Date | Value | Status | | | | | | | | | | | | |
|------|-------|--------|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 21:52 | 303.9112500 | Winding down 1857 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 21:52 | 303.9114583 | Deploying | 2 | 5850 | 3.28 | 2.99 | 3.32 | 8.14 | 1926 | 1401 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 21:53 | 303.9118056 | Deploying | 2 | 5880 | 3.3 | 2.99 | 3.34 | 8.1 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 21:53 | 303.9121528 | Deploying | 2 | 5910 | 3.3 | 2.99 | 3.36 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 21:53 | 303.9122569 | Winding down 1465 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 21:54 | 303.9125000 | Deploying | 2 | 5940 | 3.35 | 3.05 | 3.37 | 8.11 | 2000 | 1392 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 21:54 | 303.9128472 | Deploying | 2 | 5970 | 3.37 | 3.05 | 3.39 | 8.1 | 0 | 0 | 0 | 19 | 18 | 19 | 18 |
| 10/28/2016 21:55 | 303.9131944 | Deploying | 2 | 6000 | 3.37 | 3.05 | 3.41 | 8.14 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:55 | 303.9135417 | Deploying | 2 | 6030 | 3.37 | 3.05 | 3.42 | 8.1 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:55 | 303.9135995 | Winding down 1408 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 21:56 | 303.9138889 | Deploying | 2 | 6060 | 3.41 | 3.1 | 3.44 | 8.1 | 1881 | 1401 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 21:56 | 303.9142361 | Deploying | 2 | 6090 | 3.43 | 3.1 | 3.46 | 8.13 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:57 | 303.9145833 | Deploying | 2 | 6120 | 3.43 | 3.1 | 3.48 | 8.13 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:57 | 303.9148843 | Winding down 1805 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 21:57 | 303.9149306 | Deploying | 2 | 6150 | 3.43 | 3.17 | 3.49 | 8.11 | 1907 | 1404 | 0 | 21 | 19 | 19 | 19 |
| 10/28/2016 21:58 | 303.9152778 | Deploying | 2 | 6180 | 3.49 | 3.17 | 3.51 | 8.11 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 21:58 | 303.9156250 | Deploying | 2 | 6210 | 3.48 | 3.17 | 3.53 | 8.08 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 21:59 | 303.9159722 | Deploying | 2 | 6240 | 3.49 | 3.17 | 3.54 | 8.11 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 21:59 | 303.9161690 | Winding down 1678 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 21:59 | 303.9163194 | Deploying | 2 | 6270 | 3.52 | 3.23 | 3.56 | 8.13 | 1908 | 1397 | 0 | 18 | 17 | 19 | 17 |
| 10/28/2016 22:00 | 303.9166667 | Deploying | 2 | 6300 | 3.56 | 3.23 | 3.58 | 8.1 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 22:00 | 303.9170139 | Deploying | 2 | 6330 | 3.56 | 3.23 | 3.59 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 22:01 | 303.9173611 | Deploying | 2 | 6360 | 3.55 | 3.23 | 3.61 | 8.11 | 0 | 0 | 0 | 18 | 18 | 19 | 18 |
| 10/28/2016 22:01 | 303.9175347 | Winding down 1700 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 22:01 | 303.9177083 | Deploying | 2 | 6390 | 3.59 | 3.3 | 3.63 | 8.1 | 1962 | 1391 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 22:02 | 303.9180556 | Deploying | 2 | 6420 | 3.61 | 3.3 | 3.65 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 22:02 | 303.9184028 | Deploying | 2 | 6450 | 3.62 | 3.3 | 3.66 | 8.11 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 22:03 | 303.9187500 | Deploying | 2 | 6480 | 3.62 | 3.3 | 3.68 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 22:03 | 303.9187500 | Winding down 1612 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 22:03 | 303.9190972 | Deploying | 2 | 6510 | 3.68 | 3.36 | 3.7 | 8.11 | 1829 | 1326 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 22:04 | 303.9194444 | Deploying | 2 | 6540 | 3.68 | 3.36 | 3.71 | 8.11 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 22:04 | 303.9197917 | Deploying | 2 | 6570 | 3.68 | 3.36 | 3.73 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 22:04 | 303.9200231 | Winding down 1545 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 22:05 | 303.9201389 | Deploying | 2 | 6600 | 3.7 | 3.42 | 3.75 | 8.11 | 1876 | 1374 | 0 | 20 | 19 | 18 | 19 |
| 10/28/2016 22:05 | 303.9204861 | Deploying | 2 | 6630 | 3.75 | 3.42 | 3.76 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 22:06 | 303.9208333 | Deploying | 2 | 6660 | 3.74 | 3.42 | 3.78 | 8.11 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 22:06 | 303.9211806 | Deploying | 2 | 6690 | 3.74 | 3.42 | 3.8 | 8.13 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 22:06 | 303.9213426 | Winding down 1760 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 22:07 | 303.9215278 | Deploying | 2 | 6720 | 3.77 | 3.48 | 3.82 | 8.1 | 1873 | 1384 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 22:07 | 303.9218750 | Deploying | 2 | 6750 | 3.81 | 3.48 | 3.83 | 8.14 | 0 | 0 | 0 | 19 | 18 | 19 | 18 |
| 10/28/2016 22:08 | 303.9222222 | Deploying | 2 | 6780 | 3.81 | 3.48 | 3.85 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 22:08 | 303.9225694 | Deploying | 2 | 6810 | 3.81 | 3.48 | 3.87 | 8.13 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 22:08 | 303.9226157 | Winding down 1519 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 22:09 | 303.9229167 | Deploying | 2 | 6840 | 3.85 | 3.54 | 3.88 | 8.13 | 1881 | 1367 | 0 | 18 | 20 | 18 | 20 |
| 10/28/2016 22:09 | 303.9232639 | Deploying | 2 | 6870 | 3.86 | 3.54 | 3.9 | 8.13 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 22:10 | 303.9236111 | Deploying | 2 | 6900 | 3.86 | 3.54 | 3.92 | 8.11 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 22:10 | 303.9237384 | Winding down 1543 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 22:10 | 303.9239583 | Deploying | 2 | 6930 | 3.9 | 3.6 | 3.93 | 8.1 | 1937 | 1384 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 22:11 | 303.9243056 | Deploying | 2 | 6960 | 3.92 | 3.6 | 3.95 | 8.13 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:11 | 303.9246528 Deploying | 2 | 6990 | 3.91 | 3.6 | 3.97 | 8.13 | 0 | 0 | 0 | 19 | 19 | 18 | 19 |
| 10/28/2016 22:11 | 303.9247569 Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:12 | 303.9250000 Deploying | 2 | 7020 | 3.97 | 3.65 | 3.99 | 8.1 | 1859 | 1378 | 0 | 17 | 19 | 19 | 19 |
| 10/28/2016 22:12 | 303.9253472 Deploying | 2 | 7050 | 3.97 | 3.65 | 4 | 8.1 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 22:13 | 303.9256944 Deploying | 2 | 7080 | 3.97 | 3.65 | 4.02 | 8.1 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 22:13 | 303.9259722 Winding down 1777 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:13 | 303.9260417 Deploying | 2 | 7110 | 3.97 | 3.72 | 4.04 | 8.13 | 1962 | 1401 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 22:14 | 303.9263889 Deploying | 2 | 7140 | 4.04 | 3.72 | 4.05 | 8.1 | 0 | 0 | 0 | 20 | 19 | 18 | 19 |
| 10/28/2016 22:14 | 303.9267361 Deploying | 2 | 7170 | 4.05 | 3.72 | 4.07 | 8.08 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 22:15 | 303.9270833 Deploying | 2 | 7200 | 4.05 | 3.72 | 4.09 | 8.1 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 22:15 | 303.9274306 Deploying | 2 | 7230 | 4.05 | 3.72 | 4.1 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 22:15 | 303.9274421 Winding down 1526 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:16 | 303.9277778 Deploying | 2 | 7260 | 4.09 | 3.78 | 4.12 | 8.1 | 1877 | 1390 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 22:16 | 303.9281250 Deploying | 2 | 7290 | 4.1 | 3.78 | 4.14 | 8.1 | 0 | 0 | 0 | 17 | 20 | 18 | 20 |
| 10/28/2016 22:17 | 303.9284722 Deploying | 2 | 7320 | 4.1 | 3.78 | 4.16 | 8.13 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 22:17 | 303.9284838 Winding down 1551 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:17 | 303.9288194 Deploying | 2 | 7350 | 4.15 | 3.84 | 4.17 | 8.08 | 2042 | 1359 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 22:18 | 303.9291667 Deploying | 2 | 7380 | 4.16 | 3.84 | 4.19 | 8.1 | 0 | 0 | 0 | 17 | 19 | 19 | 19 |
| 10/28/2016 22:18 | 303.9295139 Deploying | 2 | 7410 | 4.16 | 3.84 | 4.21 | 8.11 | 0 | 0 | 0 | 17 | 19 | 19 | 19 |
| 10/28/2016 22:18 | 303.9298380 Winding down 1959 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:19 | 303.9298611 Deploying | 2 | 7440 | 4.15 | 3.91 | 4.22 | 8.1 | 1949 | 1413 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 22:19 | 303.9302083 Deploying | 2 | 7470 | 4.24 | 3.91 | 4.24 | 8.06 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 22:20 | 303.9305556 Deploying | 2 | 7500 | 4.23 | 3.91 | 4.26 | 8.1 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 22:20 | 303.9309028 Deploying | 2 | 7530 | 4.24 | 3.91 | 4.27 | 8.11 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 22:21 | 303.9312500 Deploying | 2 | 7560 | 4.24 | 3.91 | 4.29 | 8.1 | 0 | 0 | 0 | 19 | 18 | 19 | 18 |
| 10/28/2016 22:21 | 303.9313194 Winding down 1697 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:21 | 303.9315972 Deploying | 2 | 7590 | 4.27 | 3.98 | 4.31 | 8.11 | 1970 | 1400 | 0 | 17 | 18 | 18 | 18 |
| 10/28/2016 22:22 | 303.9319444 Deploying | 2 | 7620 | 4.3 | 3.98 | 4.33 | 8.08 | 0 | 0 | 0 | 18 | 20 | 18 | 20 |
| 10/28/2016 22:22 | 303.9322917 Deploying | 2 | 7650 | 4.29 | 3.98 | 4.34 | 8.1 | 0 | 0 | 0 | 20 | 19 | 18 | 19 |
| 10/28/2016 22:22 | 303.9324653 Winding down 1325 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:23 | 303.9326389 Deploying | 2 | 7680 | 4.32 | 4.03 | 4.36 | 8.1 | 1903 | 1382 | 0 | 17 | 19 | 19 | 19 |
| 10/28/2016 22:23 | 303.9329861 Deploying | 2 | 7710 | 4.34 | 4.03 | 4.38 | 8.1 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 22:24 | 303.9333333 Deploying | 2 | 7740 | 4.35 | 4.03 | 4.39 | 8.08 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 22:24 | 303.9336806 Deploying | 2 | 7770 | 4.34 | 4.03 | 4.41 | 8.11 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 22:24 | 303.9337847 Winding down 1915 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:25 | 303.9340278 Deploying | 2 | 7800 | 4.4 | 4.1 | 4.43 | 8.11 | 1998 | 1392 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 22:25 | 303.9343750 Deploying | 2 | 7830 | 4.43 | 4.1 | 4.44 | 8.08 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 22:26 | 303.9347222 Deploying | 2 | 7860 | 4.41 | 4.1 | 4.46 | 8.1 | 0 | 0 | 0 | 19 | 19 | 18 | 19 |
| 10/28/2016 22:26 | 303.9350694 Deploying | 2 | 7890 | 4.41 | 4.1 | 4.48 | 8.11 | 0 | 0 | 0 | 17 | 20 | 18 | 20 |
| 10/28/2016 22:26 | 303.9350926 Winding down 1815 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:27 | 303.9354167 Deploying | 2 | 7920 | 4.49 | 4.17 | 4.5 | 8.13 | 1942 | 1395 | 0 | 18 | 17 | 18 | 17 |
| 10/28/2016 22:27 | 303.9357639 Deploying | 2 | 7950 | 4.48 | 4.17 | 4.51 | 8.11 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 22:28 | 303.9361111 Deploying | 2 | 7980 | 4.48 | 4.17 | 4.53 | 8.1 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 22:28 | 303.9364468 Winding down 1473 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:28 | 303.9364583 Deploying | 2 | 8010 | 4.49 | 4.22 | 4.55 | 8.1 | 1943 | 1362 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 22:29 | 303.9368056 Deploying | 2 | 8040 | 4.54 | 4.22 | 4.56 | 8.08 | 1943 | 21 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 22:29 | 303.9371528 Deploying | 2 | 8070 | 4.54 | 4.22 | 4.58 | 8.1 | 0 | 0 | 0 | 17 | 18 | 18 | 18 |
| 10/28/2016 22:30 | 303.9375000 Deploying | 2 | 8100 | 4.55 | 4.22 | 4.6 | 8.1 | 0 | 0 | 0 | 20 | 19 | 18 | 19 |
| 10/28/2016 22:30 | 303.9377546 Winding down 1724 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | State | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:30 | 303.9378472 | Deploying | 2 | 8130 | 4.56 | 4.29 | 4.61 | 8.1 | 2041 | 1378 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 22:31 | 303.9381944 | Deploying | 2 | 8160 | 4.61 | 4.29 | 4.63 | 8.08 | 0 | 0 | 0 | 18 | 18 | 19 | 18 |
| 10/28/2016 22:31 | 303.9385417 | Deploying | 2 | 8190 | 4.6 | 4.29 | 4.65 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 22:31 | 303.9388542 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:32 | 303.9388889 | Deploying | 2 | 8220 | 4.61 | 4.35 | 4.67 | 8.11 | 1943 | 1404 | 0 | 17 | 18 | 19 | 18 |
| 10/28/2016 22:32 | 303.9392361 | Deploying | 2 | 8250 | 4.65 | 4.35 | 4.68 | 8.08 | 0 | 0 | 3 | 25 | 39 | 35 | 39 |
| 10/28/2016 22:33 | 303.9395833 | Deploying | 2 | 8280 | 4.66 | 4.35 | 4.7 | 8.08 | 0 | 0 | 7 | 33 | 46 | 42 | 46 |
| 10/28/2016 22:33 | 303.9396065 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9396065 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9396296 | Winding up 1350 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9396528 | Winding up 2474 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9396875 | Winding up 4025 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9397454 | Winding up 6175 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9398264 | Winding up 7800 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9399190 | Winding up 7950 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9399306 | Rewinding | 5 | 8282 | 4.27 | 3.21 | 3.98 | 8.1 | 1125 | 816 | | | | | |
| 10/28/2016 22:33 | 303.9400116 | Winding up 6150 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9400926 | Winding up 4100 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9401505 | Winding up 2750 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9401852 | Winding up 1850 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9402083 | Winding up 1250 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9402778 | Rewinding | 5 | 8282 | 3.21 | 2.6 | 3.23 | 8.03 | 1125 | 69 | | | | | |
| 10/28/2016 22:34 | 303.9404398 | Winding up 1350 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9404630 | Winding up 1900 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9404861 | Winding up 2625 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9405208 | Winding up 3500 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9405671 | Winding up 4675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9406250 | Rewinding | 5 | 8282 | 2.69 | 2.07 | 2.48 | 8.02 | 1144 | 824 | | | | | |
| 10/28/2016 22:34 | 303.9406250 | Winding up 5675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9406944 | Winding up 6125 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9407755 | Winding up 5175 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9408449 | Winding up 3475 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9408912 | Winding up 2400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9409259 | Winding up 1650 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9409491 | Winding up 1250 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9409722 | Rewinding | 5 | 8282 | 1.74 | 1.1 | 1.73 | 8.03 | 1134 | 810 | | | | | |
| 10/28/2016 22:35 | 303.9411574 | Winding up 1275 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9411806 | Winding up 1850 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9412037 | Winding up 2350 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9412384 | Winding up 3100 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9412847 | Winding up 4075 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9413194 | Rewinding | 5 | 8282 | 1.16 | 0.62 | 0.98 | 8 | 1103 | 811 | | | | | |
| 10/28/2016 22:35 | 303.9413426 | Winding up 5300 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9414120 | Winding up 5825 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9414815 | Winding up 5375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9415509 | Winding up 4500 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9416088 | Winding up 4650 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:36 | 303.9416667 | Rewinding | 5 | 8282 | 0.43 | -0.35 | 0.23 | 7.3 | 1172 | 1160 | | | | | |
| 10/28/2016 22:36 | 303.9416667 | Winding up 5450 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:36 | 303.9417361 | Winding up 7325 ticks | 3 | | | | | | |
| 10/28/2016 22:36 | 303.9418287 | Winding up 11425 ticks | 3 | | | | | | |
| 10/28/2016 22:36 | 303.9419676 | Winding up 18950 ticks | 3 | | | | | | |
| 10/28/2016 22:36 | 303.9420139 | Rewinding | 5 | 8282 | 0.32 | -1.97 | -0.52 | 7.37 | 1115 | 1112 |
| 10/28/2016 22:36 | 303.9421875 | Winding up 30975 ticks | 3 | | | | | | |
| 10/28/2016 22:37 | 303.9423611 | Rewinding | 5 | 8282 | 0.33 | -3.13 | -1.27 | 7.38 | 979 | 955 |
| 10/28/2016 22:37 | 303.9425579 | Winding up 50975 ticks | 3 | | | | | | |
| 10/28/2016 22:37 | 303.9427083 | Rewinding | 5 | 8282 | 0.33 | -5.04 | -2.02 | 7.38 | 946 | 919 |
| 10/28/2016 22:38 | 303.9430556 | Rewinding | 5 | 8282 | 0.33 | -5.04 | -2.77 | 7.38 | 906 | 873 |
| 10/28/2016 22:38 | 303.9431597 | Winding up 83400 ticks | 3 | | | | | | |
| 10/28/2016 22:38 | 303.9434028 | Rewinding | 5 | 8282 | 0.33 | -8.13 | -3.52 | 7.4 | 966 | 927 |
| 10/28/2016 22:39 | 303.9437500 | Rewinding | 5 | 8282 | 0.32 | -8.13 | -4.27 | 7.37 | 966 | 856 |
| 10/28/2016 22:39 | 303.9440972 | Rewinding | 5 | 8282 | 0.32 | -8.13 | -5.02 | 7.4 | 966 | 843 |
| 10/28/2016 22:39 | 303.9441319 | Winding up 135900 ticks | 3 | | | | | | |
| 10/28/2016 22:40 | 303.9444444 | Rewinding | 5 | 8282 | 0.32 | -13.13 | -5.77 | 7.32 | 966 | 841 |
| 10/28/2016 22:40 | 303.9447917 | Rewinding | 5 | 8282 | 0.32 | -13.13 | -6.52 | 7.33 | 836 | 834 |
| 10/28/2016 22:41 | 303.9451389 | Rewinding | 5 | 8282 | 0.32 | -13.13 | -7.27 | 7.37 | 836 | 821 |
| 10/28/2016 22:41 | 303.9454861 | Rewinding | 5 | 8282 | 0.32 | -13.13 | -8.02 | 7.3 | 836 | 814 |
| 10/28/2016 22:41 | 303.9457060 | Winding up 220800 ticks | 3 | | | | | | |
| 10/28/2016 22:42 | 303.9458333 | Rewinding | 5 | 8282 | 0.32 | -21.14 | -8.77 | 7.32 | 836 | 805 |
| 10/28/2016 22:42 | 303.9461806 | Rewinding | 5 | 8282 | 0.32 | -21.14 | -9.52 | 7.35 | 794 | 784 |
| 10/28/2016 22:43 | 303.9465278 | Rewinding | 5 | 8282 | 0.32 | -21.14 | -10.27 | 7.35 | 794 | 783 |
| 10/28/2016 22:43 | 303.9468750 | Rewinding | 5 | 8282 | 0.32 | -21.14 | -11.02 | 7.37 | 797 | 796 |
| 10/28/2016 22:44 | 303.9472222 | Rewinding | 5 | 8282 | 0.31 | -21.14 | -11.77 | 7.35 | 798 | 796 |
| 10/28/2016 22:44 | 303.9475694 | Rewinding | 5 | 8282 | 0.32 | -21.14 | -12.52 | 7.33 | 798 | 789 |
| 10/28/2016 22:45 | 303.9479167 | Rewinding | 5 | 8282 | 0.32 | -21.14 | -13.27 | 7.3 | 798 | 788 |
| 10/28/2016 22:45 | 303.9482639 | Rewinding | 5 | 8282 | 0.31 | -21.14 | -14.02 | 7.3 | 798 | 784 |
| 10/28/2016 22:45 | 303.9482639 | Winding up 358800 ticks | 3 | | | | | | |
| 10/28/2016 22:46 | 303.9486111 | Rewinding | 5 | 8282 | 0.31 | -33.81 | -14.77 | 7.33 | 874 | 866 |
| 10/28/2016 22:46 | 303.9489583 | Rewinding | 5 | 8282 | 0.31 | -33.81 | -15.52 | 7.29 | 874 | 776 |
| 10/28/2016 22:47 | 303.9493056 | Rewinding | 5 | 8282 | 0.32 | -33.81 | -16.27 | 7.32 | 874 | 771 |
| 10/28/2016 22:47 | 303.9496528 | Rewinding | 5 | 8282 | 0.32 | -33.81 | -17.02 | 7.32 | 874 | 772 |
| 10/28/2016 22:48 | 303.9500000 | Rewinding | 5 | 8282 | 0.31 | -33.81 | -17.77 | 7.3 | 874 | 771 |
| 10/28/2016 22:48 | 303.9503472 | Rewinding | 5 | 8282 | 0.13 | -33.81 | -18.52 | 7.29 | 874 | 761 |
| 10/28/2016 22:49 | 303.9506944 | Rewinding | 5 | 8282 | -0.16 | -33.81 | -19.27 | 7.3 | 874 | 765 |
| 10/28/2016 22:49 | 303.9510417 | Rewinding | 5 | 8282 | -0.17 | -33.81 | -20.02 | 7.27 | 874 | 759 |
| 10/28/2016 22:50 | 303.9513889 | Rewinding | 5 | 8282 | -0.16 | -33.81 | -20.77 | 7.27 | 874 | 757 |
| 10/28/2016 22:50 | 303.9517361 | Rewinding | 5 | 8282 | -0.17 | -33.81 | -21.52 | 7.27 | 874 | 755 |
| 10/28/2016 22:51 | 303.9520833 | Rewinding | 5 | 8282 | -0.17 | -33.81 | -22.27 | 7.25 | 874 | 758 |
| 10/28/2016 22:51 | 303.9524190 | Winding up 571250 ticks | 3 | | | | | | |
| 10/28/2016 22:51 | 303.9524306 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -23.02 | 7.78 | 874 | 761 |
| 10/28/2016 22:52 | 303.9527778 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -23.77 | 7.25 | 826 | 715 |
| 10/28/2016 22:52 | 303.9531250 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -24.52 | 7.25 | 826 | 733 |
| 10/28/2016 22:53 | 303.9534722 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -25.27 | 7.25 | 826 | 730 |
| 10/28/2016 22:53 | 303.9538194 | Rewinding | 5 | 8282 | -0.16 | -53.16 | -26.02 | 7.22 | 826 | 729 |
| 10/28/2016 22:54 | 303.9541667 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -26.77 | 7.24 | 826 | 729 |
| 10/28/2016 22:54 | 303.9545139 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -27.52 | 7.24 | 826 | 729 |
| 10/28/2016 22:55 | 303.9548611 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -28.27 | 7.21 | 826 | 727 |
| 10/28/2016 22:55 | 303.9552083 | Rewinding | 5 | 8282 | -0.16 | -53.16 | -29.02 | 7.24 | 826 | 731 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:56 | 303.9555556 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -29.77 | 7.21 | 826 | 730 |
| 10/28/2016 22:56 | 303.9559028 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -30.52 | 7.19 | 826 | 728 |
| 10/28/2016 22:57 | 303.9562500 | Rewinding | 5 | 8282 | -0.16 | -53.16 | -31.27 | 7.19 | 826 | 724 |
| 10/28/2016 22:57 | 303.9565972 | Rewinding | 5 | 8282 | -0.18 | -53.16 | -32.02 | 7.16 | 826 | 727 |
| 10/28/2016 22:58 | 303.9569444 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -32.77 | 7.17 | 826 | 724 |
| 10/28/2016 22:58 | 303.9572917 | Rewinding | 5 | 8282 | -0.16 | -53.16 | -33.52 | 7.17 | 826 | 723 |
| 10/28/2016 22:59 | 303.9576389 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -34.27 | 7.16 | 826 | 726 |
| 10/28/2016 22:59 | 303.9579861 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -35.02 | 7.14 | 826 | 720 |
| 10/28/2016 23:00 | 303.9583333 | Rewinding | 5 | 8282 | -0.16 | -53.16 | -35.77 | 7.11 | 826 | 726 |
| 10/28/2016 23:00 | 303.9586806 | Rewinding | 5 | 8282 | -0.17 | -53.16 | -36.52 | 7.13 | 826 | 728 |
| 10/28/2016 23:01 | 303.9590278 | Rewinding | 5 | 8282 | -0.16 | -53.16 | -37.27 | 7.11 | 826 | 723 |
| 10/28/2016 23:01 | 303.9590394 | Winding up 928825 ticks | 3 | | | | | | | |
| 10/28/2016 23:01 | 303.9593750 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -38.02 | 7.02 | 838 | 836 |
| 10/28/2016 23:02 | 303.9597222 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -38.77 | 7.06 | 838 | 821 |
| 10/28/2016 23:02 | 303.9600694 | Rewinding | 5 | 8282 | -0.16 | -82.43 | -39.52 | 7.05 | 838 | 722 |
| 10/28/2016 23:03 | 303.9604167 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -40.27 | 7.06 | 838 | 718 |
| 10/28/2016 23:03 | 303.9607639 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -41.02 | 7.05 | 838 | 721 |
| 10/28/2016 23:04 | 303.9611111 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -41.77 | 7.03 | 838 | 716 |
| 10/28/2016 23:04 | 303.9614583 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -42.52 | 7 | 838 | 727 |
| 10/28/2016 23:05 | 303.9618056 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -43.27 | 7.02 | 838 | 711 |
| 10/28/2016 23:05 | 303.9621528 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -44.02 | 6.98 | 838 | 711 |
| 10/28/2016 23:06 | 303.9625000 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -44.77 | 6.95 | 838 | 701 |
| 10/28/2016 23:06 | 303.9628472 | Rewinding | 5 | 8282 | -0.16 | -82.43 | -45.52 | 6.94 | 838 | 705 |
| 10/28/2016 23:07 | 303.9631944 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -46.27 | 6.92 | 838 | 706 |
| 10/28/2016 23:07 | 303.9635417 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -47.02 | 6.87 | 838 | 712 |
| 10/28/2016 23:08 | 303.9638889 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -47.77 | 6.79 | 838 | 712 |
| 10/28/2016 23:08 | 303.9642361 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -48.52 | 6.78 | 838 | 712 |
| 10/28/2016 23:09 | 303.9645833 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -49.27 | 6.51 | 838 | 713 |
| 10/28/2016 23:09 | 303.9649306 | Rewinding | 5 | 8282 | -0.18 | -82.43 | -50.02 | 6.02 | 838 | 692 |
| 10/28/2016 23:10 | 303.9652778 | Rewinding | 5 | 8282 | -0.18 | -82.43 | -50.77 | 5.41 | 838 | 634 |
| 10/28/2016 23:10 | 303.9656250 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -51.52 | 5.22 | 838 | 580 |
| 10/28/2016 23:11 | 303.9659722 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -52.27 | 5.22 | 838 | 377 |
| 10/28/2016 23:11 | 303.9663194 | Rewinding | 5 | 8282 | -0.17 | -82.43 | -53.02 | 5.21 | 838 | 438 |
| 10/28/2016 23:12 | 303.9666667 | Rewinding | 5 | 8282 | -0.18 | -82.43 | -53.77 | 5.21 | 838 | 363 |
| 10/28/2016 23:12 | 303.9670139 | Rewinding | 5 | 8282 | -0.18 | -82.43 | -54.52 | 5.21 | 838 | 310 |
| 10/28/2016 23:12 | 303.9673148 | Manual stop | 5 | | | | | | | |
| 10/28/2016 23:12 | 303.9673148 | State 1 (IDLE) | 5 | | | | | | | |

DPS1-3

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:45 | 303.3645833 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/29/2016 8:45 | 303.3649306 | Deploying | 2 | 30 | 0.3 | 0 | 0.02 | 8.43 | 0 | 0 | 0 | 24 | 24 | 23 | 24 |
| 10/29/2016 8:46 | 303.3652778 | Deploying | 2 | 60 | 0.3 | 0 | 0.04 | 8.41 | 0 | 0 | 0 | 24 | 23 | 23 | 23 |
| 10/29/2016 8:46 | 303.3656250 | Deploying | 2 | 90 | 0.3 | 0 | 0.06 | 8.44 | 0 | 0 | 0 | 21 | 22 | 23 | 22 |
| 10/29/2016 8:47 | 303.3659722 | Deploying | 2 | 120 | 0.29 | 0 | 0.08 | 8.41 | 0 | 0 | 0 | 24 | 23 | 23 | 23 |
| 10/29/2016 8:47 | 303.3663194 | Deploying | 2 | 150 | 0.3 | 0 | 0.09 | 8.41 | 0 | 0 | 0 | 23 | 23 | 23 | 23 |
| 10/29/2016 8:48 | 303.3666667 | Deploying | 2 | 180 | 0.3 | 0 | 0.11 | 8.41 | 0 | 0 | 0 | 22 | 24 | 24 | 24 |
| 10/29/2016 8:48 | 303.3670139 | Deploying | 2 | 210 | 0.31 | 0 | 0.13 | 8.41 | 0 | 0 | 0 | 21 | 24 | 22 | 24 |
| 10/29/2016 8:49 | 303.3673611 | Deploying | 2 | 240 | 0.3 | 0 | 0.14 | 8.41 | 0 | 0 | 0 | 25 | 23 | 23 | 23 |
| 10/29/2016 8:49 | 303.3677083 | Deploying | 2 | 270 | 0.3 | 0 | 0.16 | 8.41 | 0 | 0 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 8:50 | 303.3680556 | Deploying | 2 | 300 | 0.29 | 0 | 0.18 | 8.43 | 0 | 0 | 0 | 23 | 24 | 24 | 24 |
| 10/29/2016 8:50 | 303.3684028 | Deploying | 2 | 330 | 0.3 | 0 | 0.19 | 8.41 | 0 | 0 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 8:51 | 303.3687500 | Deploying | 2 | 360 | 0.3 | 0 | 0.21 | 8.43 | 0 | 0 | 0 | 25 | 24 | 22 | 24 |
| 10/29/2016 8:51 | 303.3690972 | Deploying | 2 | 390 | 0.3 | 0 | 0.23 | 8.43 | 0 | 0 | 0 | 24 | 23 | 23 | 23 |
| 10/29/2016 8:52 | 303.3694444 | Deploying | 2 | 420 | 0.31 | 0 | 0.25 | 8.43 | 0 | 0 | 0 | 23 | 21 | 22 | 21 |
| 10/29/2016 8:52 | 303.3697917 | Deploying | 2 | 450 | 0.3 | 0 | 0.26 | 8.4 | 0 | 0 | 0 | 25 | 24 | 22 | 24 |
| 10/29/2016 8:53 | 303.3701389 | Deploying | 2 | 480 | 0.31 | 0 | 0.28 | 8.43 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 8:53 | 303.3704861 | Deploying | 2 | 510 | 0.3 | 0 | 0.3 | 8.4 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 8:54 | 303.3708333 | Deploying | 2 | 540 | 0.3 | 0 | 0.31 | 8.41 | 0 | 0 | 0 | 22 | 21 | 22 | 21 |
| 10/29/2016 8:54 | 303.3711806 | Deploying | 2 | 570 | 0.3 | 0 | 0.33 | 8.41 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 8:55 | 303.3715278 | Deploying | 2 | 600 | 0.3 | 0 | 0.35 | 8.41 | 0 | 0 | 0 | 22 | 23 | 22 | 23 |
| 10/29/2016 8:55 | 303.3718750 | Deploying | 2 | 630 | 0.3 | 0 | 0.36 | 8.4 | 0 | 0 | 0 | 20 | 23 | 21 | 23 |
| 10/29/2016 8:55 | 303.3719213 | Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:56 | 303.3722222 | Deploying | 2 | 660 | 0.34 | 0.06 | 0.38 | 8.41 | 1799 | 1339 | 0 | 23 | 25 | 24 | 25 |
| 10/29/2016 8:56 | 303.3725694 | Deploying | 2 | 690 | 0.35 | 0.06 | 0.4 | 8.41 | 0 | 0 | 0 | 26 | 25 | 25 | 25 |
| 10/29/2016 8:56 | 303.3726968 | Winding down 1368 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:57 | 303.3729167 | Deploying | 2 | 720 | 0.38 | 0.11 | 0.42 | 8.44 | 1760 | 1326 | 0 | 27 | 27 | 26 | 27 |
| 10/29/2016 8:57 | 303.3732639 | Deploying | 2 | 750 | 0.4 | 0.11 | 0.43 | 8.41 | 0 | 0 | 0 | 27 | 27 | 27 | 27 |
| 10/29/2016 8:58 | 303.3736111 | Deploying | 2 | 780 | 0.39 | 0.11 | 0.45 | 8.4 | 0 | 0 | 0 | 27 | 27 | 26 | 27 |
| 10/29/2016 8:58 | 303.3738426 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:58 | 303.3739583 | Deploying | 2 | 810 | 0.42 | 0.17 | 0.47 | 8.41 | 1830 | 1330 | 0 | 28 | 27 | 26 | 27 |
| 10/29/2016 8:59 | 303.3743056 | Deploying | 2 | 840 | 0.46 | 0.17 | 0.48 | 8.41 | 0 | 0 | 0 | 25 | 26 | 25 | 26 |
| 10/29/2016 8:59 | 303.3746528 | Deploying | 2 | 870 | 0.46 | 0.17 | 0.5 | 8.41 | 0 | 0 | 0 | 26 | 26 | 26 | 26 |
| 10/29/2016 8:59 | 303.3749306 | Winding down 1677 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:00 | 303.3750000 | Deploying | 2 | 900 | 0.46 | 0.24 | 0.52 | 8.4 | 1728 | 1310 | 0 | 25 | 26 | 26 | 26 |
| 10/29/2016 9:00 | 303.3753472 | Deploying | 2 | 930 | 0.52 | 0.24 | 0.53 | 8.4 | 0 | 0 | 0 | 25 | 26 | 25 | 26 |
| 10/29/2016 9:01 | 303.3756944 | Deploying | 2 | 960 | 0.51 | 0.24 | 0.55 | 8.4 | 0 | 0 | 0 | 25 | 26 | 25 | 26 |
| 10/29/2016 9:01 | 303.3760417 | Deploying | 2 | 990 | 0.52 | 0.24 | 0.57 | 8.4 | 0 | 0 | 0 | 25 | 25 | 25 | 25 |
| 10/29/2016 9:01 | 303.3763542 | Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:02 | 303.3763889 | Deploying | 2 | 1020 | 0.53 | 0.3 | 0.59 | 8.41 | 1880 | 1330 | 0 | 25 | 26 | 26 | 26 |
| 10/29/2016 9:02 | 303.3767361 | Deploying | 2 | 1050 | 0.58 | 0.3 | 0.6 | 8.37 | 0 | 0 | 0 | 24 | 26 | 25 | 26 |
| 10/29/2016 9:03 | 303.3770833 | Deploying | 2 | 1080 | 0.57 | 0.3 | 0.62 | 8.38 | 0 | 0 | 0 | 24 | 25 | 25 | 25 |
| 10/29/2016 9:03 | 303.3774306 | Deploying | 2 | 1110 | 0.58 | 0.3 | 0.64 | 8.35 | 0 | 0 | 0 | 25 | 27 | 25 | 27 |
| 10/29/2016 9:03 | 303.3775347 | Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:04 | 303.3777778 | Deploying | 2 | 1140 | 0.62 | 0.36 | 0.65 | 8.4 | 1790 | 1351 | 0 | 25 | 26 | 26 | 26 |
| 10/29/2016 9:04 | 303.3781250 | Deploying | 2 | 1170 | 0.64 | 0.36 | 0.67 | 8.4 | 0 | 0 | 0 | 25 | 26 | 26 | 26 |
| 10/29/2016 9:05 | 303.3784722 | Deploying | 2 | 1200 | 0.64 | 0.36 | 0.69 | 8.41 | 0 | 0 | 0 | 26 | 25 | 25 | 25 |
| 10/29/2016 9:05 | 303.3786458 | Winding down 1425 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:05 | 303.3788194 | Deploying | 2 | 1230 | 0.66 | 0.42 | 0.7 | 8.41 | 1818 | 1317 | 0 | 25 | 25 | 25 | 25 |
| 10/29/2016 9:06 | 303.3791667 | Deploying | 2 | 1260 | 0.68 | 0.42 | 0.72 | 8.4 | 0 | 0 | 0 | 27 | 26 | 25 | 26 |
| 10/29/2016 9:06 | 303.3795139 | Deploying | 2 | 1290 | 0.68 | 0.42 | 0.74 | 8.38 | 0 | 0 | 0 | 26 | 26 | 26 | 26 |
| 10/29/2016 9:06 | 303.3795486 | Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:07 | 303.3798611 | Deploying | 2 | 1320 | 0.75 | 0.47 | 0.76 | 8.38 | 1836 | 1351 | 0 | 25 | 26 | 25 | 26 |
| 10/29/2016 9:07 | 303.3802083 | Deploying | 2 | 1350 | 0.76 | 0.47 | 0.77 | 8.38 | 0 | 0 | 0 | 25 | 26 | 25 | 26 |
| 10/29/2016 9:08 | 303.3805556 | Deploying | 2 | 1380 | 0.74 | 0.47 | 0.79 | 8.4 | 0 | 0 | 0 | 25 | 26 | 25 | 26 |
| 10/29/2016 9:08 | 303.3808449 | Winding down 1391 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:08 | 303.3809028 | Deploying | 2 | 1410 | 0.75 | 0.52 | 0.81 | 8.38 | 1659 | 1294 | 0 | 25 | 25 | 25 | 25 |
| 10/29/2016 9:09 | 303.3812500 | Deploying | 2 | 1440 | 0.8 | 0.52 | 0.82 | 8.4 | 0 | 0 | 0 | 26 | 25 | 25 | 25 |
| 10/29/2016 9:09 | 303.3815972 | Deploying | 2 | 1470 | 0.8 | 0.52 | 0.84 | 8.4 | 0 | 0 | 0 | 26 | 25 | 25 | 25 |
| 10/29/2016 9:09 | 303.3818634 | Winding down 1513 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:10 | 303.3819444 | Deploying | 2 | 1500 | 0.81 | 0.58 | 0.86 | 8.4 | 1846 | 1362 | 0 | 25 | 27 | 25 | 27 |
| 10/29/2016 9:10 | 303.3822917 | Deploying | 2 | 1530 | 0.86 | 0.58 | 0.87 | 8.38 | 0 | 0 | 0 | 25 | 26 | 25 | 26 |
| 10/29/2016 9:11 | 303.3826389 | Deploying | 2 | 1560 | 0.86 | 0.58 | 0.89 | 8.37 | 0 | 0 | 0 | 25 | 25 | 25 | 25 |
| 10/29/2016 9:11 | 303.3829861 | Deploying | 2 | 1590 | 0.86 | 0.58 | 0.91 | 8.38 | 0 | 0 | 0 | 26 | 25 | 25 | 25 |
| 10/29/2016 9:12 | 303.3833333 | Deploying | 2 | 1620 | 0.87 | 0.58 | 0.93 | 8.4 | 0 | 0 | 0 | 25 | 24 | 25 | 24 |
| 10/29/2016 9:12 | 303.3834375 | Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3836806 | Deploying | 2 | 1650 | 0.9 | 0.65 | 0.94 | 8.38 | 1890 | 1373 | 0 | 25 | 25 | 25 | 25 |
| 10/29/2016 9:13 | 303.3840278 | Deploying | 2 | 1680 | 0.93 | 0.65 | 0.96 | 8.38 | 0 | 0 | 0 | 25 | 25 | 25 | 25 |
| 10/29/2016 9:13 | 303.3843750 | Deploying | 2 | 1710 | 0.92 | 0.65 | 0.98 | 8.37 | 0 | 0 | 0 | 24 | 26 | 25 | 26 |
| 10/29/2016 9:13 | 303.3844097 | Winding down 1330 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:14 | 303.3847222 | Deploying | 2 | 1740 | 0.96 | 0.7 | 0.99 | 8.38 | 2026 | 1352 | 0 | 25 | 24 | 24 | 24 |
| 10/29/2016 9:14 | 303.3850694 | Deploying | 2 | 1770 | 0.98 | 0.7 | 1.01 | 8.35 | 0 | 0 | 0 | 24 | 24 | 24 | 24 |
| 10/29/2016 9:15 | 303.3854167 | Deploying | 2 | 1800 | 0.98 | 0.7 | 1.03 | 8.38 | 0 | 0 | 0 | 24 | 24 | 24 | 24 |
| 10/29/2016 9:15 | 303.3857407 | Winding down 1459 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:15 | 303.3857639 | Deploying | 2 | 1830 | 0.99 | 0.75 | 1.04 | 8.32 | 1849 | 1379 | 0 | 24 | 25 | 24 | 25 |
| 10/29/2016 9:16 | 303.3861111 | Deploying | 2 | 1860 | 1.04 | 0.75 | 1.06 | 8.38 | 0 | 0 | 0 | 24 | 24 | 24 | 24 |
| 10/29/2016 9:16 | 303.3864583 | Deploying | 2 | 1890 | 1.03 | 0.75 | 1.08 | 8.37 | 0 | 0 | 0 | 23 | 23 | 23 | 23 |
| 10/29/2016 9:16 | 303.3866782 | Winding down 1481 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:17 | 303.3868056 | Deploying | 2 | 1920 | 1.05 | 0.81 | 1.1 | 8.33 | 1912 | 1395 | 0 | 23 | 23 | 24 | 23 |
| 10/29/2016 9:17 | 303.3871528 | Deploying | 2 | 1950 | 1.08 | 0.81 | 1.11 | 8.38 | 0 | 0 | 0 | 23 | 25 | 24 | 25 |
| 10/29/2016 9:18 | 303.3875000 | Deploying | 2 | 1980 | 1.1 | 0.81 | 1.13 | 8.38 | 0 | 0 | 0 | 24 | 24 | 24 | 24 |
| 10/29/2016 9:18 | 303.3878472 | Deploying | 2 | 2010 | 1.09 | 0.81 | 1.15 | 8.35 | 0 | 0 | 0 | 23 | 25 | 24 | 25 |
| 10/29/2016 9:18 | 303.3880556 | Winding down 1667 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:19 | 303.3881944 | Deploying | 2 | 2040 | 1.12 | 0.87 | 1.16 | 8.38 | 1947 | 1376 | 0 | 25 | 24 | 24 | 24 |
| 10/29/2016 9:19 | 303.3885417 | Deploying | 2 | 2070 | 1.16 | 0.87 | 1.18 | 8.37 | 0 | 0 | 0 | 25 | 25 | 24 | 25 |
| 10/29/2016 9:20 | 303.3888889 | Deploying | 2 | 2100 | 1.15 | 0.87 | 1.2 | 8.38 | 0 | 0 | 0 | 25 | 24 | 24 | 24 |
| 10/29/2016 9:20 | 303.3891667 | Winding down 1627 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:20 | 303.3892361 | Deploying | 2 | 2130 | 1.16 | 0.93 | 1.21 | 8.4 | 1855 | 1348 | 0 | 24 | 25 | 24 | 25 |
| 10/29/2016 9:21 | 303.3895833 | Deploying | 2 | 2160 | 1.21 | 0.93 | 1.23 | 8.37 | 0 | 0 | 0 | 23 | 25 | 24 | 25 |
| 10/29/2016 9:21 | 303.3899306 | Deploying | 2 | 2190 | 1.21 | 0.93 | 1.25 | 8.35 | 0 | 0 | 0 | 23 | 25 | 24 | 25 |
| 10/29/2016 9:22 | 303.3902778 | Deploying | 2 | 2220 | 1.22 | 0.93 | 1.27 | 8.38 | 0 | 0 | 0 | 23 | 23 | 24 | 23 |
| 10/29/2016 9:22 | 303.3906250 | Deploying | 2 | 2250 | 1.22 | 0.93 | 1.28 | 8.35 | 0 | 0 | 0 | 22 | 25 | 24 | 25 |
| 10/29/2016 9:22 | 303.3906481 | Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:23 | 303.3909722 | Deploying | 2 | 2280 | 1.28 | 1 | 1.3 | 8.38 | 1907 | 1357 | 0 | 23 | 22 | 23 | 22 |
| 10/29/2016 9:23 | 303.3913194 | Deploying | 2 | 2310 | 1.27 | 1 | 1.32 | 8.38 | 0 | 0 | 0 | 24 | 24 | 24 | 24 |
| 10/29/2016 9:24 | 303.3916667 | Deploying | 2 | 2340 | 1.28 | 1 | 1.33 | 8.35 | 0 | 0 | 0 | 23 | 24 | 23 | 24 |
| 10/29/2016 9:24 | 303.3917477 | Winding down 1536 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:24 | 303.3920139 | Deploying | 2 | 2370 | 1.32 | 1.06 | 1.35 | 8.37 | 1956 | 1382 | 0 | 23 | 24 | 23 | 24 |
| 10/29/2016 9:25 | 303.3923611 | Deploying | 2 | 2400 | 1.34 | 1.06 | 1.37 | 8.37 | 0 | 0 | 0 | 23 | 24 | 24 | 24 |
| 10/29/2016 9:25 | 303.3927083 | Deploying | 2 | 2430 | 1.34 | 1.06 | 1.38 | 8.33 | 0 | 0 | 0 | 22 | 22 | 23 | 22 |
| 10/29/2016 9:26 | 303.3930556 | Deploying | 2 | 2460 | 1.34 | 1.06 | 1.4 | 8.37 | 0 | 0 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 9:26 | 303.3931134 | Winding down 1433 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:26 | 303.3934028 | Deploying | 2 | 2490 | 1.39 | 1.11 | 1.42 | 8.37 | 1911 | 1394 | 0 | 25 | 24 | 23 | 24 |
| 10/29/2016 9:27 | 303.3937500 | Deploying | 2 | 2520 | 1.4 | 1.11 | 1.44 | 8.38 | 0 | 0 | 0 | 22 | 25 | 24 | 25 |
| 10/29/2016 9:27 | 303.3940972 | Deploying | 2 | 2550 | 1.39 | 1.11 | 1.45 | 8.37 | 0 | 0 | 0 | 22 | 25 | 24 | 25 |
| 10/29/2016 9:27 | 303.3943056 | Winding down 1692 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:28 | 303.3944444 | Deploying | 2 | 2580 | 1.42 | 1.17 | 1.47 | 8.38 | 1793 | 1321 | 0 | 23 | 23 | 24 | 23 |
| 10/29/2016 9:28 | 303.3947917 | Deploying | 2 | 2610 | 1.47 | 1.17 | 1.49 | 8.35 | 0 | 0 | 0 | 23 | 25 | 24 | 25 |
| 10/29/2016 9:29 | 303.3951389 | Deploying | 2 | 2640 | 1.46 | 1.17 | 1.5 | 8.37 | 0 | 0 | 0 | 26 | 24 | 23 | 24 |
| 10/29/2016 9:29 | 303.3954861 | Deploying | 2 | 2670 | 1.48 | 1.17 | 1.52 | 8.35 | 0 | 0 | 0 | 25 | 24 | 23 | 24 |
| 10/29/2016 9:29 | 303.3957176 | Winding down 1895 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:30 | 303.3958333 | Deploying | 2 | 2700 | 1.48 | 1.24 | 1.54 | 8.37 | 1874 | 1373 | 0 | 25 | 24 | 23 | 24 |
| 10/29/2016 9:30 | 303.3961806 | Deploying | 2 | 2730 | 1.54 | 1.24 | 1.55 | 8.37 | 0 | 0 | 0 | 22 | 25 | 23 | 25 |
| 10/29/2016 9:31 | 303.3965278 | Deploying | 2 | 2760 | 1.54 | 1.24 | 1.57 | 8.38 | 0 | 0 | 0 | 25 | 24 | 23 | 24 |
| 10/29/2016 9:31 | 303.3968750 | Deploying | 2 | 2790 | 1.54 | 1.24 | 1.59 | 8.35 | 0 | 0 | 0 | 23 | 25 | 23 | 25 |
| 10/29/2016 9:31 | 303.3971412 | Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:32 | 303.3972222 | Deploying | 2 | 2820 | 1.55 | 1.31 | 1.61 | 8.35 | 1855 | 1388 | 0 | 22 | 26 | 23 | 26 |
| 10/29/2016 9:32 | 303.3975694 | Deploying | 2 | 2850 | 1.6 | 1.31 | 1.62 | 8.38 | 0 | 0 | 0 | 25 | 24 | 23 | 24 |
| 10/29/2016 9:33 | 303.3979167 | Deploying | 2 | 2880 | 1.61 | 1.31 | 1.64 | 8.38 | 0 | 0 | 0 | 24 | 23 | 23 | 23 |
| 10/29/2016 9:33 | 303.3982639 | Deploying | 2 | 2910 | 1.61 | 1.31 | 1.66 | 8.35 | 0 | 0 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 9:33 | 303.3984954 | Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:34 | 303.3986111 | Deploying | 2 | 2940 | 1.63 | 1.37 | 1.67 | 8.37 | 1916 | 1343 | 0 | 23 | 24 | 23 | 24 |
| 10/29/2016 9:34 | 303.3989583 | Deploying | 2 | 2970 | 1.67 | 1.37 | 1.69 | 8.37 | 0 | 0 | 0 | 25 | 23 | 23 | 23 |
| 10/29/2016 9:35 | 303.3993056 | Deploying | 2 | 3000 | 1.67 | 1.37 | 1.71 | 8.4 | 0 | 0 | 0 | 24 | 23 | 23 | 23 |
| 10/29/2016 9:35 | 303.3996528 | Deploying | 2 | 3030 | 1.67 | 1.37 | 1.72 | 8.37 | 0 | 0 | 0 | 23 | 23 | 23 | 23 |
| 10/29/2016 9:35 | 303.3997569 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:36 | 303.4000000 | Deploying | 2 | 3060 | 1.71 | 1.43 | 1.74 | 8.37 | 1833 | 1374 | 0 | 22 | 25 | 23 | 25 |
| 10/29/2016 9:36 | 303.4003472 | Deploying | 2 | 3090 | 1.72 | 1.43 | 1.76 | 8.35 | 0 | 0 | 0 | 23 | 24 | 23 | 24 |
| 10/29/2016 9:37 | 303.4006944 | Deploying | 2 | 3120 | 1.73 | 1.43 | 1.78 | 8.37 | 0 | 0 | 0 | 24 | 23 | 23 | 23 |
| 10/29/2016 9:37 | 303.4008449 | Winding down 1421 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:37 | 303.4010417 | Deploying | 2 | 3150 | 1.76 | 1.48 | 1.79 | 8.38 | 1974 | 1412 | 0 | 23 | 23 | 23 | 23 |
| 10/29/2016 9:38 | 303.4013889 | Deploying | 2 | 3180 | 1.79 | 1.48 | 1.81 | 8.35 | 0 | 0 | 0 | 23 | 23 | 23 | 23 |
| 10/29/2016 9:38 | 303.4017361 | Deploying | 2 | 3210 | 1.77 | 1.48 | 1.83 | 8.37 | 0 | 0 | 0 | 23 | 22 | 23 | 22 |
| 10/29/2016 9:38 | 303.4018981 | Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:39 | 303.4020833 | Deploying | 2 | 3240 | 1.81 | 1.54 | 1.84 | 8.37 | 1948 | 1402 | 0 | 21 | 25 | 23 | 25 |
| 10/29/2016 9:39 | 303.4024306 | Deploying | 2 | 3270 | 1.84 | 1.54 | 1.86 | 8.37 | 0 | 0 | 0 | 21 | 24 | 22 | 24 |
| 10/29/2016 9:40 | 303.4027778 | Deploying | 2 | 3300 | 1.84 | 1.54 | 1.88 | 8.37 | 0 | 0 | 0 | 21 | 24 | 23 | 24 |
| 10/29/2016 9:40 | 303.4031250 | Deploying | 2 | 3330 | 1.84 | 1.54 | 1.89 | 8.38 | 0 | 0 | 0 | 24 | 23 | 23 | 23 |
| 10/29/2016 9:40 | 303.4032755 | Winding down 1721 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:41 | 303.4034722 | Deploying | 2 | 3360 | 1.88 | 1.61 | 1.91 | 8.32 | 1886 | 1340 | 0 | 21 | 25 | 23 | 25 |
| 10/29/2016 9:41 | 303.4038194 | Deploying | 2 | 3390 | 1.9 | 1.61 | 1.93 | 8.35 | 0 | 0 | 0 | 22 | 25 | 23 | 25 |
| 10/29/2016 9:42 | 303.4041667 | Deploying | 2 | 3420 | 1.9 | 1.61 | 1.95 | 8.33 | 0 | 0 | 0 | 22 | 25 | 23 | 25 |
| 10/29/2016 9:42 | 303.4044560 | Winding down 1491 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:42 | 303.4045139 | Deploying | 2 | 3450 | 1.91 | 1.66 | 1.96 | 8.37 | 1806 | 1366 | 0 | 21 | 25 | 23 | 25 |
| 10/29/2016 9:43 | 303.4048611 | Deploying | 2 | 3480 | 1.98 | 1.66 | 1.98 | 8.37 | 0 | 0 | 0 | 22 | 23 | 23 | 23 |
| 10/29/2016 9:43 | 303.4052083 | Deploying | 2 | 3510 | 1.96 | 1.66 | 2 | 8.33 | 0 | 0 | 0 | 24 | 22 | 23 | 22 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:44 | 303.4055556 | Deploying | 2 | 3540 | 1.97 | 1.66 | 2.01 | 8.33 | 0 | 0 | 0 | 23 | 23 | 23 | 23 |
| 10/29/2016 9:44 | 303.4059028 | Deploying | 2 | 3570 | 1.96 | 1.66 | 2.03 | 8.37 | 0 | 0 | 0 | 22 | 22 | 23 | 22 |
| 10/29/2016 9:44 | 303.4059144 | Winding down 1751 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:45 | 303.4062500 | Deploying | 2 | 3600 | 2.02 | 1.73 | 2.05 | 8.37 | 1823 | 1360 | 0 | 23 | 22 | 23 | 22 |
| 10/29/2016 9:45 | 303.4065972 | Deploying | 2 | 3630 | 2.03 | 1.73 | 2.06 | 8.33 | 0 | 0 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 9:46 | 303.4069444 | Deploying | 2 | 3660 | 2.02 | 1.73 | 2.08 | 8.35 | 0 | 0 | 0 | 22 | 23 | 23 | 23 |
| 10/29/2016 9:46 | 303.4070370 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:46 | 303.4072917 | Deploying | 2 | 3690 | 2.07 | 1.79 | 2.1 | 8.35 | 1849 | 1324 | 0 | 23 | 22 | 23 | 22 |
| 10/29/2016 9:47 | 303.4076389 | Deploying | 2 | 3720 | 2.09 | 1.79 | 2.12 | 8.35 | 0 | 0 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 9:47 | 303.4079861 | Deploying | 2 | 3750 | 2.09 | 1.79 | 2.13 | 8.38 | 0 | 0 | 0 | 23 | 23 | 23 | 23 |
| 10/29/2016 9:48 | 303.4083333 | Deploying | 2 | 3780 | 2.09 | 1.79 | 2.15 | 8.33 | 0 | 0 | 0 | 25 | 24 | 23 | 24 |
| 10/29/2016 9:48 | 303.4083449 | Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:48 | 303.4086806 | Deploying | 2 | 3810 | 2.14 | 1.85 | 2.17 | 8.38 | 1977 | 1408 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 9:49 | 303.4090278 | Deploying | 2 | 3840 | 2.16 | 1.85 | 2.18 | 8.32 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 9:49 | 303.4093750 | Deploying | 2 | 3870 | 2.15 | 1.85 | 2.2 | 8.35 | 0 | 0 | 0 | 23 | 26 | 24 | 26 |
| 10/29/2016 9:49 | 303.4095139 | Winding down 1507 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:50 | 303.4097222 | Deploying | 2 | 3900 | 2.17 | 1.91 | 2.22 | 8.37 | 1784 | 1365 | 0 | 23 | 22 | 23 | 22 |
| 10/29/2016 9:50 | 303.4100694 | Deploying | 2 | 3930 | 2.2 | 1.91 | 2.23 | 8.35 | 0 | 0 | 0 | 22 | 25 | 23 | 25 |
| 10/29/2016 9:51 | 303.4104167 | Deploying | 2 | 3960 | 2.21 | 1.91 | 2.25 | 8.33 | 0 | 0 | 0 | 22 | 22 | 23 | 22 |
| 10/29/2016 9:51 | 303.4107639 | Deploying | 2 | 3990 | 2.21 | 1.91 | 2.27 | 8.33 | 0 | 0 | 0 | 21 | 24 | 23 | 24 |
| 10/29/2016 9:51 | 303.4108218 | Winding down 1683 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:52 | 303.4111111 | Deploying | 2 | 4020 | 2.26 | 1.97 | 2.29 | 8.35 | 1821 | 1306 | 0 | 22 | 24 | 22 | 24 |
| 10/29/2016 9:52 | 303.4114583 | Deploying | 2 | 4050 | 2.26 | 1.97 | 2.3 | 8.33 | 0 | 0 | 0 | 24 | 23 | 22 | 23 |
| 10/29/2016 9:53 | 303.4118056 | Deploying | 2 | 4080 | 2.26 | 1.97 | 2.32 | 8.33 | 0 | 0 | 0 | 22 | 24 | 22 | 24 |
| 10/29/2016 9:53 | 303.4118866 | Winding down 1586 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:53 | 303.4121528 | Deploying | 2 | 4110 | 2.32 | 2.03 | 2.34 | 8.33 | 1887 | 1367 | 0 | 24 | 23 | 22 | 23 |
| 10/29/2016 9:54 | 303.4125000 | Deploying | 2 | 4140 | 2.34 | 2.03 | 2.35 | 8.33 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 9:54 | 303.4128472 | Deploying | 2 | 4170 | 2.33 | 2.03 | 2.37 | 8.33 | 0 | 0 | 0 | 21 | 20 | 22 | 20 |
| 10/29/2016 9:55 | 303.4131944 | Deploying | 2 | 4200 | 2.34 | 2.03 | 2.39 | 8.32 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 9:55 | 303.4132986 | Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:55 | 303.4135417 | Deploying | 2 | 4230 | 2.36 | 2.09 | 2.4 | 8.33 | 1839 | 1330 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 9:56 | 303.4138889 | Deploying | 2 | 4260 | 2.4 | 2.09 | 2.42 | 8.35 | 0 | 0 | 0 | 21 | 24 | 22 | 24 |
| 10/29/2016 9:56 | 303.4142361 | Deploying | 2 | 4290 | 2.39 | 2.09 | 2.44 | 8.33 | 0 | 0 | 0 | 21 | 24 | 23 | 24 |
| 10/29/2016 9:57 | 303.4145833 | Deploying | 2 | 4320 | 2.4 | 2.09 | 2.46 | 8.3 | 0 | 0 | 0 | 21 | 21 | 22 | 21 |
| 10/29/2016 9:57 | 303.4145833 | Winding down 1337 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:57 | 303.4149306 | Deploying | 2 | 4350 | 2.45 | 2.14 | 2.47 | 8.32 | 1896 | 1359 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 9:58 | 303.4152778 | Deploying | 2 | 4380 | 2.46 | 2.14 | 2.49 | 8.29 | 0 | 0 | 0 | 22 | 21 | 23 | 21 |
| 10/29/2016 9:58 | 303.4156250 | Deploying | 2 | 4410 | 2.45 | 2.14 | 2.51 | 8.35 | 0 | 0 | 0 | 22 | 23 | 23 | 23 |
| 10/29/2016 9:58 | 303.4158102 | Winding down 1689 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:59 | 303.4159722 | Deploying | 2 | 4440 | 2.48 | 2.21 | 2.52 | 8.32 | 1968 | 1392 | 0 | 22 | 23 | 23 | 23 |
| 10/29/2016 9:59 | 303.4163194 | Deploying | 2 | 4470 | 2.52 | 2.21 | 2.54 | 8.32 | 0 | 0 | 0 | 24 | 23 | 22 | 23 |
| 10/29/2016 10:00 | 303.4166667 | Deploying | 2 | 4500 | 2.52 | 2.21 | 2.56 | 8.32 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:00 | 303.4170139 | Deploying | 2 | 4530 | 2.51 | 2.21 | 2.57 | 8.3 | 0 | 0 | 0 | 22 | 22 | 23 | 22 |
| 10/29/2016 10:00 | 303.4170833 | Winding down 1697 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:01 | 303.4173611 | Deploying | 2 | 4560 | 2.56 | 2.27 | 2.59 | 8.35 | 1893 | 1391 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 10:01 | 303.4177083 | Deploying | 2 | 4590 | 2.58 | 2.27 | 2.61 | 8.32 | 0 | 0 | 0 | 22 | 24 | 22 | 24 |
| 10/29/2016 10:02 | 303.4180556 | Deploying | 2 | 4620 | 2.58 | 2.27 | 2.63 | 8.37 | 0 | 0 | 0 | 24 | 22 | 22 | 22 |
| 10/29/2016 10:02 | 303.4182755 | Winding down 1431 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:02 | 303.4184028 | Deploying | 2 | 4650 | 2.6 | 2.32 | 2.64 | 8.3 | 1843 | 1385 | 0 | 23 | 22 | 22 | 22 |

| Date/Time | Value | Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:03 | 303.4187500 | Deploying | 2 | 4680 | 2.64 | 2.32 | 2.66 | 8.27 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:03 | 303.4190972 | Deploying | 2 | 4710 | 2.64 | 2.32 | 2.68 | 8.32 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:04 | 303.4194444 | Deploying | 2 | 4740 | 2.63 | 2.32 | 2.69 | 8.33 | 0 | 0 | 0 | 24 | 23 | 22 | 23 |
| 10/29/2016 10:04 | 303.4195949 | Winding down 1821 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:04 | 303.4197917 | Deploying | 2 | 4770 | 2.67 | 2.39 | 2.71 | 8.35 | 1874 | 1389 | 0 | 20 | 24 | 22 | 24 |
| 10/29/2016 10:05 | 303.4201389 | Deploying | 2 | 4800 | 2.71 | 2.39 | 2.73 | 8.32 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:05 | 303.4204861 | Deploying | 2 | 4830 | 2.71 | 2.39 | 2.74 | 8.33 | 0 | 0 | 0 | 22 | 23 | 22 | 23 |
| 10/29/2016 10:06 | 303.4208333 | Deploying | 2 | 4860 | 2.71 | 2.39 | 2.76 | 8.3 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:06 | 303.4209954 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:06 | 303.4211806 | Deploying | 2 | 4890 | 2.74 | 2.45 | 2.78 | 8.32 | 1879 | 1350 | 0 | 21 | 24 | 22 | 24 |
| 10/29/2016 10:07 | 303.4215278 | Deploying | 2 | 4920 | 2.77 | 2.45 | 2.8 | 8.29 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:07 | 303.4218750 | Deploying | 2 | 4950 | 2.77 | 2.45 | 2.81 | 8.33 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:07 | 303.4221991 | Winding down 1584 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:08 | 303.4222222 | Deploying | 2 | 4980 | 2.77 | 2.51 | 2.83 | 8.27 | 1900 | 1398 | 0 | 22 | 23 | 22 | 23 |
| 10/29/2016 10:08 | 303.4225694 | Deploying | 2 | 5010 | 2.82 | 2.51 | 2.85 | 8.33 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:09 | 303.4229167 | Deploying | 2 | 5040 | 2.83 | 2.51 | 2.86 | 8.3 | 0 | 0 | 0 | 22 | 23 | 22 | 23 |
| 10/29/2016 10:09 | 303.4232639 | Deploying | 2 | 5070 | 2.82 | 2.51 | 2.88 | 8.32 | 0 | 0 | 0 | 22 | 23 | 22 | 23 |
| 10/29/2016 10:09 | 303.4233565 | Winding down 1750 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:10 | 303.4236111 | Deploying | 2 | 5100 | 2.87 | 2.58 | 2.9 | 8.32 | 1906 | 1373 | 0 | 22 | 21 | 22 | 21 |
| 10/29/2016 10:10 | 303.4239583 | Deploying | 2 | 5130 | 2.89 | 2.58 | 2.91 | 8.32 | 0 | 0 | 0 | 21 | 24 | 22 | 24 |
| 10/29/2016 10:11 | 303.4243056 | Deploying | 2 | 5160 | 2.9 | 2.58 | 2.93 | 8.3 | 0 | 0 | 0 | 21 | 21 | 22 | 21 |
| 10/29/2016 10:11 | 303.4246528 | Deploying | 2 | 5190 | 2.89 | 2.58 | 2.95 | 8.32 | 0 | 0 | 0 | 24 | 23 | 22 | 23 |
| 10/29/2016 10:11 | 303.4247569 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:12 | 303.4250000 | Deploying | 2 | 5220 | 2.93 | 2.64 | 2.97 | 8.3 | 1796 | 1363 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:12 | 303.4253472 | Deploying | 2 | 5250 | 2.95 | 2.64 | 2.98 | 8.29 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:13 | 303.4256944 | Deploying | 2 | 5280 | 2.95 | 2.64 | 3 | 8.32 | 0 | 0 | 0 | 22 | 21 | 22 | 21 |
| 10/29/2016 10:13 | 303.4260417 | Deploying | 2 | 5310 | 2.95 | 2.64 | 3.02 | 8.29 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:13 | 303.4260417 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:14 | 303.4263889 | Deploying | 2 | 5340 | 3.01 | 2.7 | 3.03 | 8.3 | 1759 | 1288 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:14 | 303.4267361 | Deploying | 2 | 5370 | 3.01 | 2.7 | 3.05 | 8.3 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:15 | 303.4270833 | Deploying | 2 | 5400 | 3.01 | 2.7 | 3.07 | 8.3 | 0 | 0 | 0 | 22 | 23 | 22 | 23 |
| 10/29/2016 10:15 | 303.4270949 | Winding down 1501 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:15 | 303.4274306 | Deploying | 2 | 5430 | 3.06 | 2.76 | 3.08 | 8.29 | 1792 | 1290 | 0 | 22 | 23 | 22 | 23 |
| 10/29/2016 10:16 | 303.4277778 | Deploying | 2 | 5460 | 3.07 | 2.76 | 3.1 | 8.29 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:16 | 303.4281250 | Deploying | 2 | 5490 | 3.06 | 2.76 | 3.12 | 8.3 | 0 | 0 | 0 | 20 | 22 | 22 | 22 |
| 10/29/2016 10:16 | 303.4282986 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:17 | 303.4284722 | Deploying | 2 | 5520 | 3.1 | 2.82 | 3.14 | 8.29 | 1877 | 1358 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:17 | 303.4288194 | Deploying | 2 | 5550 | 3.13 | 2.82 | 3.15 | 8.32 | 0 | 0 | 0 | 21 | 21 | 22 | 21 |
| 10/29/2016 10:18 | 303.4291667 | Deploying | 2 | 5580 | 3.13 | 2.82 | 3.17 | 8.27 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:18 | 303.4295139 | Deploying | 2 | 5610 | 3.14 | 2.82 | 3.19 | 8.29 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:18 | 303.4297454 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:19 | 303.4298611 | Deploying | 2 | 5640 | 3.16 | 2.88 | 3.2 | 8.29 | 1902 | 1378 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:19 | 303.4302083 | Deploying | 2 | 5670 | 3.18 | 2.88 | 3.22 | 8.3 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:20 | 303.4305556 | Deploying | 2 | 5700 | 3.18 | 2.88 | 3.24 | 8.29 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:20 | 303.4306944 | Winding down 1707 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:20 | 303.4309028 | Deploying | 2 | 5730 | 3.23 | 2.94 | 3.25 | 8.29 | 1785 | 1324 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:21 | 303.4312500 | Deploying | 2 | 5760 | 3.25 | 2.94 | 3.27 | 8.29 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:21 | 303.4315972 | Deploying | 2 | 5790 | 3.25 | 2.94 | 3.29 | 8.3 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:22 | 303.4319444 | Deploying | 2 | 5820 | 3.26 | 2.94 | 3.31 | 8.32 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:22 | 303.4322222 | Winding down 1552 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:22 | 303.4322917 | Deploying | 2 | 5850 | 3.27 | 3 | 3.32 | 8.33 | 1924 | 1360 | 0 | 22 | 23 | 22 | 23 |
| 10/29/2016 10:23 | 303.4326389 | Deploying | 2 | 5880 | 3.31 | 3 | 3.34 | 8.29 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/29/2016 10:23 | 303.4329861 | Deploying | 2 | 5910 | 3.3 | 3 | 3.36 | 8.32 | 0 | 0 | 0 | 23 | 21 | 21 | 21 |
| 10/29/2016 10:23 | 303.4331019 | Winding down 1479 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:24 | 303.4333333 | Deploying | 2 | 5940 | 3.34 | 3.06 | 3.37 | 8.3 | 1850 | 1376 | 0 | 22 | 22 | 21 | 22 |
| 10/29/2016 10:24 | 303.4336806 | Deploying | 2 | 5970 | 3.36 | 3.06 | 3.39 | 8.27 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:25 | 303.4340278 | Deploying | 2 | 6000 | 3.36 | 3.06 | 3.41 | 8.27 | 0 | 0 | 0 | 21 | 22 | 22 | 22 |
| 10/29/2016 10:25 | 303.4343750 | Deploying | 2 | 6030 | 3.37 | 3.06 | 3.42 | 8.3 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:25 | 303.4344097 | Winding down 1480 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:26 | 303.4347222 | Deploying | 2 | 6060 | 3.41 | 3.11 | 3.44 | 8.27 | 1959 | 1362 | 0 | 21 | 21 | 22 | 21 |
| 10/29/2016 10:26 | 303.4350694 | Deploying | 2 | 6090 | 3.42 | 3.11 | 3.46 | 8.27 | 0 | 0 | 0 | 22 | 21 | 22 | 21 |
| 10/29/2016 10:27 | 303.4354167 | Deploying | 2 | 6120 | 3.43 | 3.11 | 3.48 | 8.27 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:27 | 303.4357407 | Winding down 2009 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:27 | 303.4357639 | Deploying | 2 | 6150 | 3.42 | 3.19 | 3.49 | 8.27 | 2000 | 1333 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 10:28 | 303.4361111 | Deploying | 2 | 6180 | 3.49 | 3.19 | 3.51 | 8.29 | 2000 | 1 | 0 | 22 | 22 | 21 | 22 |
| 10/29/2016 10:28 | 303.4364583 | Deploying | 2 | 6210 | 3.5 | 3.19 | 3.53 | 8.29 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:29 | 303.4368056 | Deploying | 2 | 6240 | 3.5 | 3.19 | 3.54 | 8.29 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:29 | 303.4370370 | Winding down 1395 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4371528 | Deploying | 2 | 6270 | 3.51 | 3.24 | 3.56 | 8.3 | 1834 | 1387 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:30 | 303.4375000 | Deploying | 2 | 6300 | 3.56 | 3.24 | 3.58 | 8.29 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:30 | 303.4378472 | Deploying | 2 | 6330 | 3.55 | 3.24 | 3.59 | 8.3 | 0 | 0 | 0 | 22 | 21 | 22 | 21 |
| 10/29/2016 10:31 | 303.4381944 | Deploying | 2 | 6360 | 3.56 | 3.24 | 3.61 | 8.29 | 0 | 0 | 0 | 21 | 22 | 22 | 22 |
| 10/29/2016 10:31 | 303.4383449 | Winding down 1571 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:31 | 303.4385417 | Deploying | 2 | 6390 | 3.59 | 3.3 | 3.63 | 8.25 | 1972 | 1300 | 0 | 23 | 22 | 21 | 22 |
| 10/29/2016 10:32 | 303.4388889 | Deploying | 2 | 6420 | 3.62 | 3.3 | 3.65 | 8.3 | 0 | 0 | 0 | 21 | 22 | 22 | 22 |
| 10/29/2016 10:32 | 303.4392361 | Deploying | 2 | 6450 | 3.61 | 3.3 | 3.66 | 8.29 | 0 | 0 | 0 | 22 | 23 | 22 | 23 |
| 10/29/2016 10:32 | 303.4394097 | Winding down 1650 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:33 | 303.4395833 | Deploying | 2 | 6480 | 3.64 | 3.36 | 3.68 | 8.29 | 1839 | 1357 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:33 | 303.4399306 | Deploying | 2 | 6510 | 3.67 | 3.36 | 3.7 | 8.29 | 0 | 0 | 0 | 23 | 22 | 21 | 22 |
| 10/29/2016 10:34 | 303.4402778 | Deploying | 2 | 6540 | 3.67 | 3.36 | 3.71 | 8.25 | 0 | 0 | 0 | 23 | 22 | 21 | 22 |
| 10/29/2016 10:34 | 303.4406250 | Deploying | 2 | 6570 | 3.67 | 3.36 | 3.73 | 8.29 | 0 | 0 | 0 | 21 | 21 | 22 | 21 |
| 10/29/2016 10:34 | 303.4407407 | Winding down 1504 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:35 | 303.4409722 | Deploying | 2 | 6600 | 3.72 | 3.42 | 3.75 | 8.29 | 1918 | 1368 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:35 | 303.4413194 | Deploying | 2 | 6630 | 3.74 | 3.42 | 3.76 | 8.29 | 0 | 0 | 0 | 21 | 21 | 22 | 21 |
| 10/29/2016 10:36 | 303.4416667 | Deploying | 2 | 6660 | 3.74 | 3.42 | 3.78 | 8.29 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:36 | 303.4420139 | Deploying | 2 | 6690 | 3.74 | 3.42 | 3.8 | 8.29 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 10:36 | 303.4421412 | Winding down 1718 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:37 | 303.4423611 | Deploying | 2 | 6720 | 3.77 | 3.49 | 3.82 | 8.27 | 1961 | 1396 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 10:37 | 303.4427083 | Deploying | 2 | 6750 | 3.8 | 3.49 | 3.83 | 8.29 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 10:38 | 303.4430556 | Deploying | 2 | 6780 | 3.8 | 3.49 | 3.85 | 8.29 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:38 | 303.4431597 | Winding down 1615 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:38 | 303.4434028 | Deploying | 2 | 6810 | 3.83 | 3.55 | 3.87 | 8.25 | 1953 | 1363 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:39 | 303.4437500 | Deploying | 2 | 6840 | 3.86 | 3.55 | 3.88 | 8.24 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:39 | 303.4440972 | Deploying | 2 | 6870 | 3.87 | 3.55 | 3.9 | 8.27 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 10:40 | 303.4444444 | Deploying | 2 | 6900 | 3.86 | 3.55 | 3.92 | 8.27 | 0 | 0 | 0 | 20 | 23 | 22 | 23 |
| 10/29/2016 10:40 | 303.4445023 | Winding down 1708 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:40 | 303.4447917 | Deploying | 2 | 6930 | 3.91 | 3.61 | 3.93 | 8.25 | 1906 | 1371 | 0 | 21 | 22 | 22 | 22 |
| 10/29/2016 10:41 | 303.4451389 | Deploying | 2 | 6960 | 3.92 | 3.61 | 3.95 | 8.24 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |

| Date/Time | Value | Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:41 | 303.4454861 | Deploying | 2 | 6990 | 3.93 | 3.61 | 3.97 | 8.25 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 10:41 | 303.4458218 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:42 | 303.4458333 | Deploying | 2 | 7020 | 3.93 | 3.67 | 3.99 | 8.25 | 1858 | 1339 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 10:42 | 303.4461806 | Deploying | 2 | 7050 | 3.98 | 3.67 | 4 | 8.27 | 1858 | 29 | 0 | 22 | 21 | 22 | 21 |
| 10/29/2016 10:43 | 303.4465278 | Deploying | 2 | 7080 | 3.98 | 3.67 | 4.02 | 8.25 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 10:43 | 303.4468750 | Deploying | 2 | 7110 | 3.98 | 3.67 | 4.04 | 8.27 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 10:43 | 303.4470255 | Winding down 1796 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:44 | 303.4472222 | Deploying | 2 | 7140 | 4.01 | 3.74 | 4.05 | 8.27 | 1885 | 1372 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:44 | 303.4475694 | Deploying | 2 | 7170 | 4.06 | 3.74 | 4.07 | 8.25 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 10:45 | 303.4479167 | Deploying | 2 | 7200 | 4.06 | 3.74 | 4.09 | 8.25 | 0 | 0 | 0 | 19 | 22 | 21 | 22 |
| 10/29/2016 10:45 | 303.4482639 | Deploying | 2 | 7230 | 4.06 | 3.74 | 4.1 | 8.27 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 10:45 | 303.4485301 | Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:46 | 303.4486111 | Deploying | 2 | 7260 | 4.07 | 3.8 | 4.12 | 8.29 | 1796 | 1400 | 0 | 20 | 23 | 21 | 23 |
| 10/29/2016 10:46 | 303.4489583 | Deploying | 2 | 7290 | 4.12 | 3.8 | 4.14 | 8.25 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 10:47 | 303.4493056 | Deploying | 2 | 7320 | 4.12 | 3.8 | 4.16 | 8.25 | 0 | 0 | 0 | 22 | 22 | 21 | 22 |
| 10/29/2016 10:47 | 303.4496528 | Deploying | 2 | 7350 | 4.12 | 3.8 | 4.17 | 8.24 | 0 | 0 | 0 | 22 | 22 | 21 | 22 |
| 10/29/2016 10:47 | 303.4498611 | Winding down 1692 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:48 | 303.4500000 | Deploying | 2 | 7380 | 4.14 | 3.87 | 4.19 | 8.29 | 1921 | 1343 | 0 | 20 | 20 | 21 | 20 |
| 10/29/2016 10:48 | 303.4503472 | Deploying | 2 | 7410 | 4.18 | 3.87 | 4.21 | 8.25 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 10:49 | 303.4506944 | Deploying | 2 | 7440 | 4.18 | 3.87 | 4.22 | 8.25 | 0 | 0 | 0 | 23 | 22 | 21 | 22 |
| 10/29/2016 10:49 | 303.4510185 | Winding down 1409 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:49 | 303.4510417 | Deploying | 2 | 7470 | 4.19 | 3.92 | 4.24 | 8.19 | 1843 | 1317 | 0 | 20 | 23 | 21 | 23 |
| 10/29/2016 10:50 | 303.4513889 | Deploying | 2 | 7500 | 4.23 | 3.92 | 4.26 | 8.25 | 0 | 0 | 0 | 21 | 23 | 21 | 23 |
| 10/29/2016 10:50 | 303.4517361 | Deploying | 2 | 7530 | 4.23 | 3.92 | 4.27 | 8.25 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 10:51 | 303.4520833 | Deploying | 2 | 7560 | 4.24 | 3.92 | 4.29 | 8.24 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:51 | 303.4520949 | Winding down 1301 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:51 | 303.4524306 | Deploying | 2 | 7590 | 4.29 | 3.97 | 4.31 | 8.24 | 1901 | 1399 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:52 | 303.4527778 | Deploying | 2 | 7620 | 4.29 | 3.97 | 4.33 | 8.25 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:52 | 303.4531250 | Deploying | 2 | 7650 | 4.28 | 3.97 | 4.34 | 8.24 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:52 | 303.4532176 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:53 | 303.4534722 | Deploying | 2 | 7680 | 4.33 | 4.03 | 4.36 | 8.22 | 1846 | 1363 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 10:53 | 303.4538194 | Deploying | 2 | 7710 | 4.35 | 4.03 | 4.38 | 8.24 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 10:54 | 303.4541667 | Deploying | 2 | 7740 | 4.35 | 4.03 | 4.39 | 8.24 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:54 | 303.4545139 | Deploying | 2 | 7770 | 4.35 | 4.03 | 4.41 | 8.22 | 0 | 0 | 0 | 20 | 23 | 21 | 23 |
| 10/29/2016 10:54 | 303.4545255 | Winding down 1676 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:55 | 303.4548611 | Deploying | 2 | 7800 | 4.41 | 4.09 | 4.43 | 8.22 | 2032 | 1376 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 10:55 | 303.4552083 | Deploying | 2 | 7830 | 4.41 | 4.09 | 4.44 | 8.24 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 10:56 | 303.4555556 | Deploying | 2 | 7860 | 4.4 | 4.09 | 4.46 | 8.24 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 10:56 | 303.4555787 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:56 | 303.4559028 | Deploying | 2 | 7890 | 4.47 | 4.16 | 4.48 | 8.25 | 1786 | 1377 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 10:57 | 303.4562500 | Deploying | 2 | 7920 | 4.48 | 4.16 | 4.5 | 8.22 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 10:57 | 303.4565972 | Deploying | 2 | 7950 | 4.46 | 4.16 | 4.51 | 8.24 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 10:57 | 303.4568750 | Winding down 1702 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:58 | 303.4569444 | Deploying | 2 | 7980 | 4.47 | 4.22 | 4.53 | 8.25 | 1828 | 1386 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 10:58 | 303.4572917 | Deploying | 2 | 8010 | 4.54 | 4.22 | 4.55 | 8.22 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 10:59 | 303.4576389 | Deploying | 2 | 8040 | 4.54 | 4.22 | 4.56 | 8.24 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 10:59 | 303.4579861 | Deploying | 2 | 8070 | 4.54 | 4.22 | 4.58 | 8.24 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 11:00 | 303.4583333 | Deploying | 2 | 8100 | 4.54 | 4.22 | 4.6 | 8.25 | 0 | 0 | 0 | 23 | 22 | 21 | 22 |
| 10/29/2016 11:00 | 303.4583333 | Winding down 1487 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 11:00 | 303.4586806 | Deploying | 2 | 8130 | 4.58 | 4.28 | 4.61 | 8.24 | 1830 | 1305 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 11:01 | 303.4590278 | Deploying | 2 | 8160 | 4.59 | 4.28 | 4.63 | 8.22 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 11:01 | 303.4593056 | Winding down 1502 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:01 | 303.4593750 | Deploying | 2 | 8190 | 4.6 | 4.33 | 4.65 | 8.25 | 1874 | 1377 | 0 | 20 | 24 | 21 | 24 |
| 10/29/2016 11:02 | 303.4597222 | Deploying | 2 | 8220 | 4.65 | 4.33 | 4.67 | 8.21 | 0 | 0 | 0 | 22 | 21 | 20 | 21 |
| 10/29/2016 11:02 | 303.4600694 | Deploying | 2 | 8250 | 4.66 | 4.33 | 4.68 | 8.24 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 11:03 | 303.4604167 | Deploying | 2 | 8280 | 4.65 | 4.33 | 4.7 | 8.25 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 11:03 | 303.4606829 | Winding down 1688 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:03 | 303.4607639 | Deploying | 2 | 8310 | 4.66 | 4.4 | 4.72 | 8.21 | 1908 | 1365 | 0 | 20 | 24 | 22 | 24 |
| 10/29/2016 11:04 | 303.4611111 | Deploying | 2 | 8340 | 4.71 | 4.4 | 4.73 | 8.22 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 11:04 | 303.4614583 | Deploying | 2 | 8370 | 4.72 | 4.4 | 4.75 | 8.24 | 0 | 0 | 0 | 22 | 22 | 21 | 22 |
| 10/29/2016 11:05 | 303.4618056 | Deploying | 2 | 8400 | 4.71 | 4.4 | 4.77 | 8.21 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 11:05 | 303.4618866 | Winding down 1661 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:05 | 303.4621528 | Deploying | 2 | 8430 | 4.77 | 4.46 | 4.78 | 8.22 | 1922 | 1374 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 11:06 | 303.4625000 | Deploying | 2 | 8460 | 4.78 | 4.46 | 4.8 | 8.22 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 11:06 | 303.4628472 | Deploying | 2 | 8490 | 4.77 | 4.46 | 4.82 | 8.24 | 0 | 0 | 0 | 21 | 19 | 21 | 19 |
| 10/29/2016 11:07 | 303.4631944 | Deploying | 2 | 8520 | 4.78 | 4.46 | 4.84 | 8.24 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 11:07 | 303.4632292 | Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:07 | 303.4635417 | Deploying | 2 | 8550 | 4.83 | 4.52 | 4.85 | 8.24 | 1954 | 1377 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:08 | 303.4638889 | Deploying | 2 | 8580 | 4.84 | 4.52 | 4.87 | 8.24 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 11:08 | 303.4642361 | Deploying | 2 | 8610 | 4.83 | 4.52 | 4.89 | 8.24 | 0 | 0 | 0 | 19 | 22 | 21 | 22 |
| 10/29/2016 11:08 | 303.4644907 | Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:09 | 303.4645833 | Deploying | 2 | 8640 | 4.85 | 4.58 | 4.9 | 8.24 | 1879 | 1377 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 11:09 | 303.4649306 | Deploying | 2 | 8670 | 4.89 | 4.58 | 4.92 | 8.22 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:10 | 303.4652778 | Deploying | 2 | 8700 | 4.9 | 4.58 | 4.94 | 8.21 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 11:10 | 303.4656134 | Winding down 1698 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:10 | 303.4656250 | Deploying | 2 | 8730 | 4.89 | 4.64 | 4.95 | 8.25 | 1979 | 1398 | 0 | 22 | 20 | 20 | 20 |
| 10/29/2016 11:11 | 303.4659722 | Deploying | 2 | 8760 | 4.96 | 4.64 | 4.97 | 8.22 | 1979 | 45 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 11:11 | 303.4663194 | Deploying | 2 | 8790 | 4.96 | 4.64 | 4.99 | 8.22 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/29/2016 11:12 | 303.4666667 | Deploying | 2 | 8820 | 4.95 | 4.64 | 5.01 | 8.22 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 11:12 | 303.4667940 | Winding down 1518 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:12 | 303.4670139 | Deploying | 2 | 8850 | 4.99 | 4.7 | 5.02 | 8.24 | 1844 | 1377 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 11:13 | 303.4673611 | Deploying | 2 | 8880 | 5 | 4.7 | 5.04 | 8.22 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 11:13 | 303.4677083 | Deploying | 2 | 8910 | 5 | 4.7 | 5.06 | 8.22 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/29/2016 11:13 | 303.4677431 | Winding down 1430 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:14 | 303.4680556 | Deploying | 2 | 8940 | 5.05 | 4.75 | 5.07 | 8.21 | 2104 | 1377 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 11:14 | 303.4684028 | Deploying | 2 | 8970 | 5.06 | 4.75 | 5.09 | 8.22 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 11:15 | 303.4687500 | Deploying | 2 | 9000 | 5.06 | 4.75 | 5.11 | 8.22 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 11:15 | 303.4690741 | Winding down 1934 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:15 | 303.4690972 | Deploying | 2 | 9030 | 5.05 | 4.83 | 5.12 | 8.19 | 1967 | 1378 | 0 | 22 | 20 | 20 | 20 |
| 10/29/2016 11:16 | 303.4694444 | Deploying | 2 | 9060 | 5.13 | 4.83 | 5.14 | 8.22 | 0 | 0 | 0 | 19 | 22 | 20 | 22 |
| 10/29/2016 11:16 | 303.4697917 | Deploying | 2 | 9090 | 5.14 | 4.83 | 5.16 | 8.25 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 11:17 | 303.4701389 | Deploying | 2 | 9120 | 5.13 | 4.83 | 5.18 | 8.19 | 0 | 0 | 0 | 19 | 22 | 20 | 22 |
| 10/29/2016 11:17 | 303.4704630 | Winding down 1484 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:17 | 303.4704861 | Deploying | 2 | 9150 | 5.14 | 4.88 | 5.19 | 8.14 | 1907 | 1375 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:18 | 303.4708333 | Deploying | 2 | 9180 | 5.19 | 4.88 | 5.21 | 8.22 | 0 | 0 | 0 | 19 | 21 | 21 | 21 |
| 10/29/2016 11:18 | 303.4711806 | Deploying | 2 | 9210 | 5.19 | 4.88 | 5.23 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 11:19 | 303.4715278 | Deploying | 2 | 9240 | 5.19 | 4.88 | 5.24 | 8.22 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 11:19 | 303.4717593 | Winding down 1795 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | State | # | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 11:19 | 303.4718750 | Deploying | 2 | 9270 | 5.21 | 4.95 | 5.26 | 8.24 | 1999 | 1404 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 11:20 | 303.4722222 | Deploying | 2 | 9300 | 5.25 | 4.95 | 5.28 | 8.19 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 11:20 | 303.4725694 | Deploying | 2 | 9330 | 5.24 | 4.95 | 5.29 | 8.21 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 11:20 | 303.4727778 | Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:21 | 303.4729167 | Deploying | 2 | 9360 | 5.27 | 5.01 | 5.31 | 8.22 | 1978 | 1399 | 0 | 20 | 19 | 21 | 19 |
| 10/29/2016 11:21 | 303.4732639 | Deploying | 2 | 9390 | 5.31 | 5.01 | 5.33 | 8.21 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 11:22 | 303.4736111 | Deploying | 2 | 9420 | 5.32 | 5.01 | 5.35 | 8.22 | 0 | 0 | 0 | 22 | 21 | 20 | 21 |
| 10/29/2016 11:22 | 303.4739583 | Deploying | 2 | 9450 | 5.33 | 5.01 | 5.36 | 8.19 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 11:23 | 303.4743056 | Deploying | 2 | 9480 | 5.32 | 5.01 | 5.38 | 8.21 | 0 | 0 | 0 | 21 | 19 | 20 | 19 |
| 10/29/2016 11:23 | 303.4744444 | Winding down 1857 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:23 | 303.4746528 | Deploying | 2 | 9510 | 5.36 | 5.08 | 5.4 | 8.21 | 1796 | 1374 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 11:24 | 303.4750000 | Deploying | 2 | 9540 | 5.39 | 5.08 | 5.41 | 8.21 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 11:24 | 303.4753472 | Deploying | 2 | 9570 | 5.38 | 5.08 | 5.43 | 8.21 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 11:24 | 303.4755903 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:25 | 303.4756944 | Deploying | 2 | 9600 | 5.4 | 5.14 | 5.45 | 8.19 | 1925 | 1396 | 0 | 24 | 23 | 24 | 23 |
| 10/29/2016 11:25 | 303.4760417 | Deploying | 2 | 9630 | 5.44 | 5.14 | 5.46 | 8.19 | 0 | 0 | 0 | 21 | 23 | 24 | 23 |
| 10/29/2016 11:26 | 303.4763889 | Deploying | 2 | 9660 | 5.44 | 5.14 | 5.48 | 8.19 | 0 | 0 | 0 | 26 | 24 | 23 | 24 |
| 10/29/2016 11:26 | 303.4767361 | Deploying | 2 | 9690 | 5.46 | 5.14 | 5.5 | 8.19 | 0 | 0 | 0 | 29 | 24 | 23 | 24 |
| 10/29/2016 11:26 | 303.4770486 | Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4770833 | Deploying | 2 | 9720 | 5.45 | 5.21 | 5.52 | 8.25 | 1872 | 1368 | 0 | 22 | 22 | 23 | 22 |
| 10/29/2016 11:27 | 303.4771759 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4771759 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4771991 | Winding up 1450 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4772222 | Winding up 2674 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4772569 | Winding up 4375 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4773148 | Winding up 6675 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4773958 | Winding up 8574 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4774306 | Rewinding | 5 | 9728 | 5.27 | 4.3 | 4.94 | 8.08 | 1114 | 794 | | | | | |
| 10/29/2016 11:27 | 303.4775000 | Winding up 8550 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4776042 | Winding up 6175 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4776852 | Winding up 3974 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:27 | 303.4777431 | Winding up 2600 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4777778 | Rewinding | 5 | 9728 | 4.24 | 3.49 | 4.19 | 8.16 | 1111 | 795 | | | | | |
| 10/29/2016 11:28 | 303.4777778 | Winding up 1824 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4779861 | Winding up 1399 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4780093 | Winding up 1899 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4780324 | Winding up 2500 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4780671 | Winding up 3175 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4781134 | Winding up 4125 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4781250 | Rewinding | 5 | 9728 | 3.59 | 2.92 | 3.44 | 8.17 | 1119 | 799 | | | | | |
| 10/29/2016 11:28 | 303.4781713 | Winding up 5124 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4782407 | Winding up 5550 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4783102 | Winding up 5225 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4783796 | Winding up 3775 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4784259 | Winding up 2850 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4784606 | Winding up 2250 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:29 | 303.4784722 | Rewinding | 5 | 9728 | 2.74 | 1.99 | 2.69 | 8.17 | 1133 | 805 | | | | | |
| 10/29/2016 11:29 | 303.4784954 | Winding up 1525 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:29 | 303.4786921 | Winding up 1250 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Event | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 11:29 | 303.4787153 | Winding up 1775 ticks | 3 | | | | | | | |
| 10/29/2016 11:29 | 303.4787384 | Winding up 2175 ticks | 3 | | | | | | | |
| 10/29/2016 11:29 | 303.4787731 | Winding up 2950 ticks | 3 | | | | | | | |
| 10/29/2016 11:29 | 303.4788079 | Winding up 3675 ticks | 3 | | | | | | | |
| 10/29/2016 11:29 | 303.4788194 | Rewinding | 5 | 9728 | 2.07 | 1.48 | 1.94 | 8.17 | 1121 | 801 |
| 10/29/2016 11:29 | 303.4788542 | Winding up 4650 ticks | 3 | | | | | | | |
| 10/29/2016 11:29 | 303.4789120 | Winding up 5325 ticks | 3 | | | | | | | |
| 10/29/2016 11:29 | 303.4789815 | Winding up 5150 ticks | 3 | | | | | | | |
| 10/29/2016 11:29 | 303.4790509 | Winding up 3850 ticks | 3 | | | | | | | |
| 10/29/2016 11:29 | 303.4790972 | Winding up 2749 ticks | 3 | | | | | | | |
| 10/29/2016 11:29 | 303.4791319 | Winding up 1850 ticks | 3 | | | | | | | |
| 10/29/2016 11:30 | 303.4791667 | Rewinding | 5 | 9728 | 1.2 | 0.59 | 1.19 | 8.19 | 1123 | 806 |
| 10/29/2016 11:30 | 303.4793634 | Winding up 1500 ticks | 3 | | | | | | | |
| 10/29/2016 11:30 | 303.4793866 | Winding up 2100 ticks | 3 | | | | | | | |
| 10/29/2016 11:30 | 303.4794213 | Winding up 2925 ticks | 3 | | | | | | | |
| 10/29/2016 11:30 | 303.4794560 | Winding up 3750 ticks | 3 | | | | | | | |
| 10/29/2016 11:30 | 303.4795023 | Winding up 4975 ticks | 3 | | | | | | | |
| 10/29/2016 11:30 | 303.4795139 | Rewinding | 5 | 9728 | 0.63 | 0.01 | 0.44 | 8.17 | 1163 | 1115 |
| 10/29/2016 11:30 | 303.4795718 | Winding up 6725 ticks | 3 | | | | | | | |
| 10/29/2016 11:30 | 303.4796528 | Winding up 8675 ticks | 3 | | | | | | | |
| 10/29/2016 11:30 | 303.4797569 | Winding up 11700 ticks | 3 | | | | | | | |
| 10/29/2016 11:31 | 303.4798611 | Rewinding | 5 | 9728 | 0.33 | -1.01 | -0.31 | 7.37 | 1176 | 1130 |
| 10/29/2016 11:31 | 303.4798958 | Winding up 18425 ticks | 3 | | | | | | | |
| 10/29/2016 11:31 | 303.4801157 | Winding up 30375 ticks | 3 | | | | | | | |
| 10/29/2016 11:31 | 303.4802083 | Rewinding | 5 | 9728 | 0.33 | -2.84 | -1.06 | 7.38 | 1018 | 990 |
| 10/29/2016 11:31 | 303.4804745 | Winding up 49575 ticks | 3 | | | | | | | |
| 10/29/2016 11:32 | 303.4805556 | Rewinding | 5 | 9728 | 0.32 | -4.69 | -1.81 | 7.38 | 943 | 929 |
| 10/29/2016 11:32 | 303.4809028 | Rewinding | 5 | 9728 | 0.33 | -4.69 | -2.56 | 7.37 | 907 | 886 |
| 10/29/2016 11:32 | 303.4810532 | Winding up 80924 ticks | 3 | | | | | | | |
| 10/29/2016 11:33 | 303.4812500 | Rewinding | 5 | 9728 | 0.33 | -7.7 | -3.31 | 7.37 | 968 | 938 |
| 10/29/2016 11:33 | 303.4815972 | Rewinding | 5 | 9728 | 0.33 | -7.7 | -4.06 | 7.37 | 968 | 876 |
| 10/29/2016 11:34 | 303.4819444 | Rewinding | 5 | 9728 | 0.32 | -7.7 | -4.81 | 7.33 | 968 | 856 |
| 10/29/2016 11:34 | 303.4819907 | Winding up 131250 ticks | 3 | | | | | | | |
| 10/29/2016 11:34 | 303.4822917 | Rewinding | 5 | 9728 | 0.33 | -12.54 | -5.56 | 7.35 | 968 | 837 |
| 10/29/2016 11:35 | 303.4826389 | Rewinding | 5 | 9728 | 0.32 | -12.54 | -6.31 | 7.32 | 846 | 823 |
| 10/29/2016 11:35 | 303.4829861 | Rewinding | 5 | 9728 | 0.32 | -12.54 | -7.06 | 7.33 | 846 | 818 |
| 10/29/2016 11:36 | 303.4833333 | Rewinding | 5 | 9728 | 0.32 | -12.54 | -7.81 | 7.32 | 846 | 808 |
| 10/29/2016 11:36 | 303.4835185 | Winding up 214025 ticks | 3 | | | | | | | |
| 10/29/2016 11:36 | 303.4836806 | Rewinding | 5 | 9728 | 0.32 | -20.31 | -8.56 | 7.32 | 903 | 884 |
| 10/29/2016 11:37 | 303.4840278 | Rewinding | 5 | 9728 | 0.31 | -20.31 | -9.31 | 7.33 | 903 | 796 |
| 10/29/2016 11:37 | 303.4843750 | Rewinding | 5 | 9728 | 0.32 | -20.31 | -10.06 | 7.3 | 903 | 793 |
| 10/29/2016 11:38 | 303.4847222 | Rewinding | 5 | 9728 | 0.32 | -20.31 | -10.81 | 7.27 | 903 | 787 |
| 10/29/2016 11:38 | 303.4850694 | Rewinding | 5 | 9728 | 0.32 | -20.31 | -11.56 | 7.29 | 903 | 789 |
| 10/29/2016 11:39 | 303.4854167 | Rewinding | 5 | 9728 | 0.31 | -20.31 | -12.31 | 7.3 | 903 | 780 |
| 10/29/2016 11:39 | 303.4857639 | Rewinding | 5 | 9728 | 0.33 | -20.31 | -13.06 | 7.27 | 903 | 774 |
| 10/29/2016 11:39 | 303.4860069 | Winding up 348250 ticks | 3 | | | | | | | |
| 10/29/2016 11:40 | 303.4861111 | Rewinding | 5 | 9728 | 0.31 | -32.64 | -13.81 | 7.24 | 903 | 765 |
| 10/29/2016 11:40 | 303.4864583 | Rewinding | 5 | 9728 | 0.31 | -32.64 | -14.56 | 7.25 | 840 | 803 |
| 10/29/2016 11:41 | 303.4868056 | Rewinding | 5 | 9728 | 0.31 | -32.64 | -15.31 | 7.25 | 840 | 805 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 11:41 | 303.4871528 | Rewinding | | 5 | 9728 | 0.31 | -32.64 | -16.06 | 7.21 | 840 | 792 |
| 10/29/2016 11:42 | 303.4875000 | Rewinding | | 5 | 9728 | 0.32 | -32.64 | -16.81 | 7.24 | 840 | 798 |
| 10/29/2016 11:42 | 303.4878472 | Rewinding | | 5 | 9728 | 0.32 | -32.64 | -17.56 | 7.24 | 840 | 802 |
| 10/29/2016 11:43 | 303.4881944 | Rewinding | | 5 | 9728 | 0.31 | -32.64 | -18.31 | 7.27 | 840 | 745 |
| 10/29/2016 11:43 | 303.4885417 | Rewinding | | 5 | 9728 | 0.31 | -32.64 | -19.06 | 7.22 | 840 | 747 |
| 10/29/2016 11:44 | 303.4888889 | Rewinding | | 5 | 9728 | 0.31 | -32.64 | -19.81 | 7.24 | 840 | 746 |
| 10/29/2016 11:44 | 303.4892361 | Rewinding | | 5 | 9728 | 0.31 | -32.64 | -20.56 | 7.25 | 840 | 746 |
| 10/29/2016 11:45 | 303.4895833 | Rewinding | | 5 | 9728 | 0.31 | -32.64 | -21.31 | 7.25 | 840 | 745 |
| 10/29/2016 11:45 | 303.4899306 | Rewinding | | 5 | 9728 | 0.31 | -32.64 | -22.06 | 7.24 | 840 | 741 |
| 10/29/2016 11:45 | 303.4900463 | Winding up 566100 ticks | | 3 | | | | | | | |
| 10/29/2016 11:46 | 303.4902778 | Rewinding | | 5 | 9728 | 0.32 | -51.88 | -22.81 | 7.22 | 840 | 751 |
| 10/29/2016 11:46 | 303.4906250 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -23.56 | 7.27 | 787 | 746 |
| 10/29/2016 11:47 | 303.4909722 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -24.31 | 7.29 | 787 | 735 |
| 10/29/2016 11:47 | 303.4913194 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -25.06 | 7.24 | 787 | 723 |
| 10/29/2016 11:48 | 303.4916667 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -25.81 | 7.25 | 787 | 746 |
| 10/29/2016 11:48 | 303.4920139 | Rewinding | | 5 | 9728 | 0.3 | -51.88 | -26.56 | 7.24 | 787 | 747 |
| 10/29/2016 11:49 | 303.4923611 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -27.31 | 7.21 | 787 | 748 |
| 10/29/2016 11:49 | 303.4927083 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -28.06 | 7.25 | 787 | 744 |
| 10/29/2016 11:50 | 303.4930556 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -28.81 | 7.22 | 787 | 730 |
| 10/29/2016 11:50 | 303.4934028 | Rewinding | | 5 | 9728 | 0.32 | -51.88 | -29.56 | 7.22 | 787 | 737 |
| 10/29/2016 11:51 | 303.4937500 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -30.31 | 7.21 | 787 | 729 |
| 10/29/2016 11:51 | 303.4940972 | Rewinding | | 5 | 9728 | 0.32 | -51.88 | -31.06 | 7.22 | 787 | 720 |
| 10/29/2016 11:52 | 303.4944444 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -31.81 | 7.24 | 787 | 727 |
| 10/29/2016 11:52 | 303.4947917 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -32.56 | 7.22 | 787 | 721 |
| 10/29/2016 11:53 | 303.4951389 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -33.31 | 7.24 | 787 | 715 |
| 10/29/2016 11:53 | 303.4954861 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -34.06 | 7.27 | 787 | 730 |
| 10/29/2016 11:54 | 303.4958333 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -34.81 | 7.24 | 787 | 706 |
| 10/29/2016 11:54 | 303.4961806 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -35.56 | 7.21 | 787 | 723 |
| 10/29/2016 11:55 | 303.4965278 | Rewinding | | 5 | 9728 | 0.31 | -51.88 | -36.31 | 7.22 | 787 | 726 |
| 10/29/2016 11:55 | 303.4966088 | Winding up 920475 ticks | | 3 | | | | | | | |
| 10/29/2016 11:55 | 303.4968750 | Rewinding | | 5 | 9728 | 0.31 | -81.01 | -37.06 | 7.24 | 798 | 794 |
| 10/29/2016 11:56 | 303.4972222 | Rewinding | | 5 | 9728 | 0.31 | -81.01 | -37.81 | 7.25 | 798 | 711 |
| 10/29/2016 11:56 | 303.4975694 | Rewinding | | 5 | 9728 | 0.22 | -81.01 | -38.56 | 7.24 | 798 | 721 |
| 10/29/2016 11:57 | 303.4979167 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -39.31 | 7.22 | 798 | 712 |
| 10/29/2016 11:57 | 303.4982639 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -40.06 | 7.21 | 814 | 806 |
| 10/29/2016 11:58 | 303.4986111 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -40.81 | 7.21 | 814 | 727 |
| 10/29/2016 11:58 | 303.4989583 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -41.56 | 7.24 | 814 | 728 |
| 10/29/2016 11:59 | 303.4993056 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -42.31 | 7.21 | 814 | 718 |
| 10/29/2016 11:59 | 303.4996528 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -43.06 | 7.22 | 814 | 733 |
| 10/29/2016 12:00 | 303.5000000 | Rewinding | | 5 | 9728 | -0.18 | -81.01 | -43.81 | 7.25 | 814 | 730 |
| 10/29/2016 12:00 | 303.5003472 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -44.56 | 7.24 | 814 | 731 |
| 10/29/2016 12:01 | 303.5006944 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -45.31 | 7.24 | 814 | 729 |
| 10/29/2016 12:01 | 303.5010417 | Rewinding | | 5 | 9728 | -0.18 | -81.01 | -46.06 | 7.24 | 814 | 724 |
| 10/29/2016 12:02 | 303.5013889 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -46.81 | 7.27 | 814 | 712 |
| 10/29/2016 12:02 | 303.5017361 | Rewinding | | 5 | 9728 | -0.17 | -81.01 | -47.56 | 7.24 | 814 | 716 |
| 10/29/2016 12:03 | 303.5020833 | Rewinding | | 5 | 9728 | -0.18 | -81.01 | -48.31 | 7.24 | 814 | 721 |
| 10/29/2016 12:03 | 303.5024306 | Rewinding | | 5 | 9728 | -0.18 | -81.01 | -49.06 | 7.25 | 814 | 721 |
| 10/29/2016 12:04 | 303.5027778 | Rewinding | | 5 | 9728 | -0.18 | -81.01 | -49.81 | 7.24 | 814 | 717 |
| 10/29/2016 12:04 | 303.5031250 | Rewinding | | 5 | 9728 | -0.18 | -81.01 | -50.56 | 7.25 | 814 | 710 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 12:05 | 303.5034722 | Rewinding | 5 | 9728 | -0.18 | -81.01 | -51.31 | 7.24 | 814 | 712 |
| 10/29/2016 12:05 | 303.5038194 | Rewinding | 5 | 9728 | -0.18 | -81.01 | -52.06 | 7.27 | 814 | 707 |
| 10/29/2016 12:06 | 303.5041667 | Rewinding | 5 | 9728 | -0.17 | -81.01 | -52.81 | 7.3 | 814 | 708 |
| 10/29/2016 12:06 | 303.5045139 | Rewinding | 5 | 9728 | -0.18 | -81.01 | -53.56 | 7.27 | 814 | 687 |
| 10/29/2016 12:07 | 303.5048611 | Rewinding | 5 | 9728 | -0.18 | -81.01 | -54.31 | 7.27 | 814 | 693 |
| 10/29/2016 12:07 | 303.5051505 | Manual stop | 5 | | | | | | | |
| 10/29/2016 12:07 | 303.5051505 | State 1 (IDLE) | 5 | | | | | | | |

DPS2-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 10:15 | 303.4270833 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/28/2016 10:15 | 303.4274306 | Deploying | 2 | 30 | 0.34 | 0 | 0.02 | 8.16 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 10/28/2016 10:16 | 303.4277778 | Deploying | 2 | 60 | 0.35 | 0 | 0.04 | 8.22 | 0 | 0 | 0 | -12 | -7 | -9 | -7 |
| 10/28/2016 10:16 | 303.4281250 | Deploying | 2 | 90 | 0.35 | 0 | 0.06 | 8.25 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 10:17 | 303.4284722 | Deploying | 2 | 120 | 0.34 | 0 | 0.08 | 8.24 | 0 | 0 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 10:17 | 303.4288194 | Deploying | 2 | 150 | 0.34 | 0 | 0.09 | 8.22 | 0 | 0 | 0 | -6 | -7 | -5 | -7 |
| 10/28/2016 10:18 | 303.4291667 | Deploying | 2 | 180 | 0.35 | 0 | 0.11 | 8.22 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 10:18 | 303.4295139 | Deploying | 2 | 210 | 0.34 | 0 | 0.13 | 8.22 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 10:19 | 303.4298611 | Deploying | 2 | 240 | 0.34 | 0 | 0.14 | 8.25 | 0 | 0 | 0 | -7 | -10 | -7 | -10 |
| 10/28/2016 10:19 | 303.4302083 | Deploying | 2 | 270 | 0.34 | 0 | 0.16 | 8.24 | 0 | 0 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 10:20 | 303.4305556 | Deploying | 2 | 300 | 0.35 | 0 | 0.18 | 8.24 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 10:20 | 303.4309028 | Deploying | 2 | 330 | 0.34 | 0 | 0.19 | 8.22 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 10:21 | 303.4312500 | Deploying | 2 | 360 | 0.34 | 0 | 0.21 | 8.25 | 0 | 0 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 10:21 | 303.4315972 | Deploying | 2 | 390 | 0.34 | 0 | 0.23 | 8.24 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 10:22 | 303.4319444 | Deploying | 2 | 420 | 0.34 | 0 | 0.25 | 8.24 | 0 | 0 | 0 | -4 | -6 | -5 | -6 |
| 10/28/2016 10:22 | 303.4322917 | Deploying | 2 | 450 | 0.34 | 0 | 0.26 | 8.22 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 10:23 | 303.4326389 | Deploying | 2 | 480 | 0.34 | 0 | 0.28 | 8.22 | 0 | 0 | 0 | -11 | -7 | -9 | -7 |
| 10/28/2016 10:23 | 303.4329861 | Deploying | 2 | 510 | 0.33 | 0 | 0.3 | 8.22 | 0 | 0 | 0 | -12 | -9 | -8 | -9 |
| 10/28/2016 10:24 | 303.4333333 | Deploying | 2 | 540 | 0.34 | 0 | 0.31 | 8.24 | 0 | 0 | 0 | -14 | -13 | -9 | -13 |
| 10/28/2016 10:24 | 303.4336806 | Deploying | 2 | 570 | 0.34 | 0 | 0.33 | 8.22 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 10:25 | 303.4340278 | Deploying | 2 | 600 | 0.34 | 0 | 0.35 | 8.22 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 10:25 | 303.4343750 | Deploying | 2 | 630 | 0.34 | 0 | 0.36 | 8.22 | 0 | 0 | 0 | -10 | -10 | -8 | -10 |
| 10/28/2016 10:26 | 303.4347222 | Deploying | 2 | 660 | 0.35 | 0 | 0.38 | 8.22 | 0 | 0 | 0 | -15 | -11 | -11 | -11 |
| 10/28/2016 10:26 | 303.4350694 | Deploying | 2 | 690 | 0.34 | 0 | 0.4 | 8.25 | 0 | 0 | 0 | -8 | -10 | -11 | -10 |
| 10/28/2016 10:26 | 303.4352778 | Winding down 1667 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:27 | 303.4354167 | Deploying | 2 | 720 | 0.36 | 0.06 | 0.42 | 8.24 | 2033 | 1436 | 0 | -10 | -17 | -10 | -17 |
| 10/28/2016 10:27 | 303.4357639 | Deploying | 2 | 750 | 0.39 | 0.06 | 0.43 | 8.25 | 0 | 0 | 0 | -10 | -7 | -8 | -7 |
| 10/28/2016 10:27 | 303.4360301 | Winding down 1488 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:28 | 303.4361111 | Deploying | 2 | 780 | 0.4 | 0.12 | 0.45 | 8.24 | 1943 | 1435 | 0 | -13 | -6 | -9 | -6 |
| 10/28/2016 10:28 | 303.4364583 | Deploying | 2 | 810 | 0.43 | 0.12 | 0.47 | 8.22 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 10:29 | 303.4368056 | Deploying | 2 | 840 | 0.44 | 0.12 | 0.48 | 8.21 | 0 | 0 | 0 | -9 | -8 | -5 | -8 |
| 10/28/2016 10:29 | 303.4371528 | Deploying | 2 | 870 | 0.43 | 0.12 | 0.5 | 8.22 | 0 | 0 | 0 | 3 | 2 | -4 | 2 |
| 10/28/2016 10:29 | 303.4371759 | Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:30 | 303.4375000 | Deploying | 2 | 900 | 0.49 | 0.18 | 0.52 | 8.24 | 2069 | 1498 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 10:30 | 303.4378472 | Deploying | 2 | 930 | 0.48 | 0.18 | 0.53 | 8.24 | 0 | 0 | 0 | -5 | -7 | -5 | -7 |
| 10/28/2016 10:30 | 303.4380324 | Winding down 1389 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:31 | 303.4381944 | Deploying | 2 | 960 | 0.52 | 0.23 | 0.55 | 8.22 | 2165 | 1483 | 0 | -7 | -3 | -5 | -3 |
| 10/28/2016 10:31 | 303.4385417 | Deploying | 2 | 990 | 0.55 | 0.23 | 0.57 | 8.25 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 10:32 | 303.4388889 | Deploying | 2 | 1020 | 0.56 | 0.23 | 0.59 | 8.21 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |
| 10/28/2016 10:32 | 303.4392361 | Deploying | 2 | 1050 | 0.54 | 0.23 | 0.6 | 8.21 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 10:32 | 303.4393171 | Winding down 1561 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:33 | 303.4395833 | Deploying | 2 | 1080 | 0.6 | 0.29 | 0.62 | 8.25 | 2122 | 1486 | 0 | -9 | -7 | -7 | -7 |
| 10/28/2016 10:33 | 303.4399306 | Deploying | 2 | 1110 | 0.62 | 0.29 | 0.64 | 8.22 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 10:34 | 303.4402778 | Deploying | 2 | 1140 | 0.62 | 0.29 | 0.65 | 8.25 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 10:34 | 303.4406250 | Deploying | 2 | 1170 | 0.62 | 0.29 | 0.67 | 8.24 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 10:34 | 303.4408333 | Winding down 1492 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:35 | 303.4409722 | Deploying | 2 | 1200 | 0.64 | 0.35 | 0.69 | 8.22 | 2122 | 1479 | 0 | -8 | -3 | -5 | -3 |
| 10/28/2016 10:35 | 303.4413194 | Deploying | 2 | 1230 | 0.68 | 0.35 | 0.7 | 8.21 | 0 | 0 | 0 | -8 | -5 | -5 | -5 |
| 10/28/2016 10:36 | 303.4416667 | Deploying | 2 | 1260 | 0.67 | 0.35 | 0.72 | 8.19 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 10:36 | 303.4418519 | Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:36 | 303.4420139 | Deploying | 2 | 1290 | 0.71 | 0.41 | 0.74 | 8.22 | 1881 | 1477 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 10:37 | 303.4423611 | Deploying | 2 | 1320 | 0.74 | 0.41 | 0.76 | 8.24 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 10:37 | 303.4427083 | Deploying | 2 | 1350 | 0.75 | 0.41 | 0.77 | 8.25 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 10:38 | 303.4430556 Deploying | 2 | 1380 | 0.75 | 0.41 | 0.79 | 8.22 | 0 | 0 | 0 | -6 | -5 | -4 | -5 |
| 10/28/2016 10:38 | 303.4434028 Deploying | 2 | 1410 | 0.76 | 0.41 | 0.81 | 8.22 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 10:38 | 303.4436806 Winding down 2027 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:39 | 303.4437500 Deploying | 2 | 1440 | 0.75 | 0.48 | 0.82 | 8.22 | 1894 | 1470 | 0 | -5 | -5 | -5 | -5 |
| 10/28/2016 10:39 | 303.4440972 Deploying | 2 | 1470 | 0.83 | 0.48 | 0.84 | 8.24 | 0 | 0 | 0 | -4 | -6 | -5 | -6 |
| 10/28/2016 10:40 | 303.4444444 Deploying | 2 | 1500 | 0.83 | 0.48 | 0.86 | 8.22 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 10:40 | 303.4447917 Deploying | 2 | 1530 | 0.83 | 0.48 | 0.87 | 8.24 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 10:41 | 303.4451389 Deploying | 2 | 1560 | 0.84 | 0.48 | 0.89 | 8.25 | 0 | 0 | 0 | -3 | -4 | -5 | -4 |
| 10/28/2016 10:41 | 303.4451620 Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:41 | 303.4454861 Deploying | 2 | 1590 | 0.86 | 0.54 | 0.91 | 8.22 | 1955 | 1460 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 10:42 | 303.4458333 Deploying | 2 | 1620 | 0.88 | 0.54 | 0.93 | 8.24 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 10:42 | 303.4460185 Winding down 1339 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:42 | 303.4461806 Deploying | 2 | 1650 | 0.91 | 0.59 | 0.94 | 8.22 | 1954 | 1475 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 10:43 | 303.4465278 Deploying | 2 | 1680 | 0.94 | 0.59 | 0.96 | 8.21 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 10:43 | 303.4468750 Deploying | 2 | 1710 | 0.94 | 0.59 | 0.98 | 8.22 | 0 | 0 | 0 | -5 | -7 | -6 | -7 |
| 10/28/2016 10:44 | 303.4472222 Deploying | 2 | 1740 | 0.93 | 0.59 | 0.99 | 8.22 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 10:44 | 303.4474537 Winding down 1445 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:44 | 303.4475694 Deploying | 2 | 1770 | 0.96 | 0.64 | 1.01 | 8.21 | 1936 | 1489 | 0 | -7 | -4 | -5 | -4 |
| 10/28/2016 10:45 | 303.4479167 Deploying | 2 | 1800 | 1.02 | 0.64 | 1.03 | 8.22 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 10:45 | 303.4482639 Deploying | 2 | 1830 | 1.01 | 0.64 | 1.04 | 8.22 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 10:46 | 303.4486111 Deploying | 2 | 1860 | 1 | 0.64 | 1.06 | 8.22 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 10:46 | 303.4487384 Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:46 | 303.4489583 Deploying | 2 | 1890 | 1.04 | 0.7 | 1.08 | 8.21 | 1939 | 1473 | 0 | -7 | -4 | -5 | -4 |
| 10/28/2016 10:47 | 303.4493056 Deploying | 2 | 1920 | 1.07 | 0.7 | 1.1 | 8.19 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 10:47 | 303.4496528 Deploying | 2 | 1950 | 1.06 | 0.7 | 1.11 | 8.24 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 10:47 | 303.4499190 Winding down 1763 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:48 | 303.4500000 Deploying | 2 | 1980 | 1.07 | 0.77 | 1.13 | 8.21 | 1940 | 1479 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 10:48 | 303.4503472 Deploying | 2 | 2010 | 1.14 | 0.77 | 1.15 | 8.21 | 0 | 0 | 0 | -7 | -3 | -4 | -3 |
| 10/28/2016 10:49 | 303.4506944 Deploying | 2 | 2040 | 1.13 | 0.77 | 1.16 | 8.22 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 10:49 | 303.4510417 Deploying | 2 | 2070 | 1.15 | 0.77 | 1.18 | 8.24 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 10:50 | 303.4513889 Deploying | 2 | 2100 | 1.14 | 0.77 | 1.2 | 8.22 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 10:50 | 303.4515162 Winding down 1793 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:50 | 303.4517361 Deploying | 2 | 2130 | 1.19 | 0.84 | 1.21 | 8.19 | 1938 | 1468 | 0 | -6 | -5 | -6 | -5 |
| 10/28/2016 10:51 | 303.4520833 Deploying | 2 | 2160 | 1.21 | 0.84 | 1.23 | 8.24 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 10:51 | 303.4524306 Deploying | 2 | 2190 | 1.21 | 0.84 | 1.25 | 8.22 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 10:52 | 303.4527778 Deploying | 2 | 2220 | 1.23 | 0.84 | 1.27 | 8.21 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 10:52 | 303.4530556 Winding down 1752 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:52 | 303.4531250 Deploying | 2 | 2250 | 1.22 | 0.9 | 1.28 | 8.22 | 2158 | 1496 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 10:53 | 303.4534722 Deploying | 2 | 2280 | 1.28 | 0.9 | 1.3 | 8.24 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 10:53 | 303.4538194 Deploying | 2 | 2310 | 1.29 | 0.9 | 1.32 | 8.19 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 10:54 | 303.4541667 Deploying | 2 | 2340 | 1.28 | 0.9 | 1.33 | 8.21 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 10:54 | 303.4541782 Winding down 1351 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:54 | 303.4545139 Deploying | 2 | 2370 | 1.34 | 0.95 | 1.35 | 8.19 | 1957 | 1485 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 10:55 | 303.4548611 Deploying | 2 | 2400 | 1.34 | 0.95 | 1.37 | 8.21 | 0 | 0 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 10:55 | 303.4552083 Deploying | 2 | 2430 | 1.34 | 0.95 | 1.38 | 8.21 | 0 | 0 | 0 | -9 | -5 | -6 | -5 |
| 10/28/2016 10:56 | 303.4555556 Deploying | 2 | 2460 | 1.36 | 0.95 | 1.4 | 8.22 | 0 | 0 | 0 | -4 | -6 | -6 | -6 |
| 10/28/2016 10:56 | 303.4559028 Deploying | 2 | 2490 | 1.36 | 0.95 | 1.42 | 8.21 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 10:56 | 303.4560648 Winding down 2135 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:57 | 303.4562500 Deploying | 2 | 2520 | 1.36 | 1.03 | 1.44 | 8.21 | 1933 | 1483 | 0 | -6 | -7 | -5 | -7 |
| 10/28/2016 10:57 | 303.4565972 Deploying | 2 | 2550 | 1.45 | 1.03 | 1.45 | 8.21 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 10:58 | 303.4569444 Deploying | 2 | 2580 | 1.44 | 1.03 | 1.47 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 10:58 | 303.4572917 Deploying | 2 | 2610 | 1.44 | 1.03 | 1.49 | 8.19 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 10:58 | 303.4573958 Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 10:59 | 303.4576389 Deploying | 2 | 2640 | 1.47 | 1.09 | 1.5 | 8.19 | 1945 | 1506 | 0 | -8 | -6 | -6 | -6 |

| Date/Time | Value | Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 10:59 | 303.4579861 | Deploying | 2 | 2670 | 1.48 | 1.09 | 1.52 | 8.17 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 11:00 | 303.4583333 | Deploying | 2 | 2700 | 1.5 | 1.09 | 1.54 | 8.19 | 0 | 0 | 0 | -10 | -7 | -7 | -7 |
| 10/28/2016 11:00 | 303.4586806 | Deploying | 2 | 2730 | 1.5 | 1.09 | 1.55 | 8.21 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 11:00 | 303.4588657 | Winding down 1789 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:01 | 303.4590278 | Deploying | 2 | 2760 | 1.52 | 1.15 | 1.57 | 8.19 | 2042 | 1486 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:01 | 303.4593750 | Deploying | 2 | 2790 | 1.58 | 1.15 | 1.59 | 8.19 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 11:02 | 303.4597222 | Deploying | 2 | 2820 | 1.57 | 1.15 | 1.61 | 8.21 | 0 | 0 | 0 | -8 | -4 | -6 | -4 |
| 10/28/2016 11:02 | 303.4600694 | Deploying | 2 | 2850 | 1.58 | 1.15 | 1.62 | 8.19 | 0 | 0 | 0 | -4 | -5 | -6 | -5 |
| 10/28/2016 11:02 | 303.4603588 | Winding down 1716 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:03 | 303.4604167 | Deploying | 2 | 2880 | 1.58 | 1.22 | 1.64 | 8.21 | 1928 | 1483 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 11:03 | 303.4607639 | Deploying | 2 | 2910 | 1.63 | 1.22 | 1.66 | 8.16 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 11:04 | 303.4611111 | Deploying | 2 | 2940 | 1.62 | 1.22 | 1.67 | 8.21 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 11:04 | 303.4612153 | Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:04 | 303.4614583 | Deploying | 2 | 2970 | 1.67 | 1.28 | 1.69 | 8.21 | 1935 | 1495 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 11:05 | 303.4618056 | Deploying | 2 | 3000 | 1.69 | 1.28 | 1.71 | 8.21 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 11:05 | 303.4621528 | Deploying | 2 | 3030 | 1.69 | 1.28 | 1.72 | 8.19 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 11:06 | 303.4625000 | Deploying | 2 | 3060 | 1.69 | 1.28 | 1.74 | 8.19 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:06 | 303.4627431 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:06 | 303.4628472 | Deploying | 2 | 3090 | 1.7 | 1.33 | 1.76 | 8.19 | 2109 | 1509 | 0 | -6 | -7 | -7 | -7 |
| 10/28/2016 11:07 | 303.4631944 | Deploying | 2 | 3120 | 1.76 | 1.33 | 1.78 | 8.16 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 11:07 | 303.4635417 | Deploying | 2 | 3150 | 1.76 | 1.33 | 1.79 | 8.19 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 11:08 | 303.4638889 | Deploying | 2 | 3180 | 1.76 | 1.33 | 1.81 | 8.21 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 11:08 | 303.4640394 | Winding down 1296 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:08 | 303.4642361 | Deploying | 2 | 3210 | 1.78 | 1.38 | 1.83 | 8.19 | 2037 | 1487 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 11:09 | 303.4645833 | Deploying | 2 | 3240 | 1.8 | 1.38 | 1.84 | 8.19 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 11:09 | 303.4649306 | Deploying | 2 | 3270 | 1.81 | 1.38 | 1.86 | 8.19 | 0 | 0 | 0 | -9 | -9 | -7 | -9 |
| 10/28/2016 11:09 | 303.4651968 | Winding down 1838 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:10 | 303.4652778 | Deploying | 2 | 3300 | 1.82 | 1.45 | 1.88 | 8.19 | 1928 | 1493 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:10 | 303.4656250 | Deploying | 2 | 3330 | 1.89 | 1.45 | 1.89 | 8.17 | 0 | 0 | 0 | -5 | -7 | -7 | -7 |
| 10/28/2016 11:11 | 303.4659722 | Deploying | 2 | 3360 | 1.89 | 1.45 | 1.91 | 8.19 | 0 | 0 | 0 | -10 | -10 | -7 | -10 |
| 10/28/2016 11:11 | 303.4663194 | Deploying | 2 | 3390 | 1.89 | 1.45 | 1.93 | 8.17 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 11:11 | 303.4666435 | Winding down 1759 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:12 | 303.4666667 | Deploying | 2 | 3420 | 1.88 | 1.52 | 1.95 | 8.08 | 1886 | 1476 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 11:12 | 303.4670139 | Deploying | 2 | 3450 | 1.95 | 1.52 | 1.96 | 8.17 | 0 | 0 | 0 | -9 | -8 | -6 | -8 |
| 10/28/2016 11:13 | 303.4673611 | Deploying | 2 | 3480 | 1.95 | 1.52 | 1.98 | 8.22 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 11:13 | 303.4677083 | Deploying | 2 | 3510 | 1.96 | 1.52 | 2 | 8.16 | 0 | 0 | 0 | -10 | -5 | -7 | -5 |
| 10/28/2016 11:14 | 303.4680556 | Deploying | 2 | 3540 | 1.96 | 1.52 | 2.01 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 11:14 | 303.4683333 | Winding down 1752 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:14 | 303.4684028 | Deploying | 2 | 3570 | 1.98 | 1.59 | 2.03 | 8.16 | 1933 | 1469 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 11:15 | 303.4687500 | Deploying | 2 | 3600 | 2.02 | 1.59 | 2.05 | 8.16 | 0 | 0 | 0 | -10 | -9 | -7 | -9 |
| 10/28/2016 11:15 | 303.4690972 | Deploying | 2 | 3630 | 2.03 | 1.59 | 2.06 | 8.21 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 11:16 | 303.4694444 | Deploying | 2 | 3660 | 2.03 | 1.59 | 2.08 | 8.16 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 11:16 | 303.4694792 | Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:16 | 303.4697917 | Deploying | 2 | 3690 | 2.06 | 1.64 | 2.1 | 8.17 | 2137 | 1512 | 0 | -5 | -5 | -6 | -5 |
| 10/28/2016 11:17 | 303.4701389 | Deploying | 2 | 3720 | 2.08 | 1.64 | 2.12 | 8.17 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 11:17 | 303.4704861 | Deploying | 2 | 3750 | 2.07 | 1.64 | 2.13 | 8.19 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 11:17 | 303.4704861 | Winding down 1487 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:18 | 303.4708333 | Deploying | 2 | 3780 | 2.15 | 1.7 | 2.15 | 8.21 | 1956 | 1486 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 11:18 | 303.4711806 | Deploying | 2 | 3810 | 2.15 | 1.7 | 2.17 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 11:19 | 303.4715278 | Deploying | 2 | 3840 | 2.15 | 1.7 | 2.18 | 8.16 | 0 | 0 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 11:19 | 303.4718750 | Deploying | 2 | 3870 | 2.15 | 1.7 | 2.2 | 8.17 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |
| 10/28/2016 11:19 | 303.4720833 | Winding down 1867 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:20 | 303.4722222 | Deploying | 2 | 3900 | 2.16 | 1.77 | 2.22 | 8.17 | 1947 | 1490 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 11:20 | 303.4725694 | Deploying | 2 | 3930 | 2.22 | 1.77 | 2.23 | 8.19 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |

| Date/Time | Value | Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 11:21 | 303.4729167 | Deploying | 2 | 3960 | 2.22 | 1.77 | 2.25 | 8.14 | 0 | 0 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 11:21 | 303.4732639 | Deploying | 2 | 3990 | 2.21 | 1.77 | 2.27 | 8.19 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 11:21 | 303.4733449 | Winding down 1711 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:22 | 303.4736111 | Deploying | 2 | 4020 | 2.27 | 1.83 | 2.29 | 8.16 | 2031 | 1481 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 11:22 | 303.4739583 | Deploying | 2 | 4050 | 2.3 | 1.83 | 2.3 | 8.17 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 11:23 | 303.4743056 | Deploying | 2 | 4080 | 2.29 | 1.83 | 2.32 | 8.17 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:23 | 303.4746528 | Deploying | 2 | 4110 | 2.29 | 1.83 | 2.34 | 8.16 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 11:23 | 303.4749769 | Winding down 1684 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:24 | 303.4750000 | Deploying | 2 | 4140 | 2.29 | 1.9 | 2.35 | 8.02 | 1934 | 1480 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 11:24 | 303.4753472 | Deploying | 2 | 4170 | 2.36 | 1.9 | 2.37 | 8.16 | 0 | 0 | 0 | -4 | -6 | -6 | -6 |
| 10/28/2016 11:25 | 303.4756944 | Deploying | 2 | 4200 | 2.35 | 1.9 | 2.39 | 8.21 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 11:25 | 303.4760417 | Deploying | 2 | 4230 | 2.36 | 1.9 | 2.4 | 8.17 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 11:26 | 303.4763889 | Deploying | 2 | 4260 | 2.35 | 1.9 | 2.42 | 8.14 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 11:26 | 303.4764699 | Winding down 1811 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:26 | 303.4767361 | Deploying | 2 | 4290 | 2.42 | 1.97 | 2.44 | 8.14 | 1943 | 1490 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 11:27 | 303.4770833 | Deploying | 2 | 4320 | 2.43 | 1.97 | 2.46 | 8.16 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 11:27 | 303.4774306 | Deploying | 2 | 4350 | 2.41 | 1.97 | 2.47 | 8.16 | 0 | 0 | 0 | -10 | -8 | -6 | -8 |
| 10/28/2016 11:27 | 303.4775579 | Winding down 1343 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:28 | 303.4777778 | Deploying | 2 | 4380 | 2.47 | 2.02 | 2.49 | 8.17 | 1951 | 1474 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 11:28 | 303.4781250 | Deploying | 2 | 4410 | 2.49 | 2.02 | 2.51 | 8.16 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 11:29 | 303.4784722 | Deploying | 2 | 4440 | 2.47 | 2.02 | 2.52 | 8.19 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 11:29 | 303.4788194 | Deploying | 2 | 4470 | 2.47 | 2.02 | 2.54 | 8.16 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 11:29 | 303.4788194 | Winding down 1687 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:30 | 303.4791667 | Deploying | 2 | 4500 | 2.55 | 2.08 | 2.56 | 8.16 | 2039 | 1478 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:30 | 303.4795139 | Deploying | 2 | 4530 | 2.54 | 2.08 | 2.57 | 8.17 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 11:31 | 303.4798611 | Deploying | 2 | 4560 | 2.54 | 2.08 | 2.59 | 8.17 | 0 | 0 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 11:31 | 303.4802083 | Deploying | 2 | 4590 | 2.56 | 2.08 | 2.61 | 8.19 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 11:31 | 303.4803009 | Winding down 1375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:32 | 303.4805556 | Deploying | 2 | 4620 | 2.6 | 2.13 | 2.63 | 8.24 | 2141 | 1516 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 11:32 | 303.4809028 | Deploying | 2 | 4650 | 2.61 | 2.13 | 2.64 | 8.16 | 0 | 0 | 0 | -5 | -6 | -7 | -6 |
| 10/28/2016 11:33 | 303.4812500 | Deploying | 2 | 4680 | 2.61 | 2.13 | 2.66 | 8.16 | 0 | 0 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 11:33 | 303.4814815 | Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:33 | 303.4815972 | Deploying | 2 | 4710 | 2.63 | 2.19 | 2.68 | 8.16 | 1944 | 1476 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 11:34 | 303.4819444 | Deploying | 2 | 4740 | 2.66 | 2.19 | 2.69 | 8.16 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:34 | 303.4822917 | Deploying | 2 | 4770 | 2.66 | 2.19 | 2.71 | 8.13 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 11:35 | 303.4826389 | Deploying | 2 | 4800 | 2.66 | 2.19 | 2.73 | 8.16 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 11:35 | 303.4826620 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:35 | 303.4829861 | Deploying | 2 | 4830 | 2.73 | 2.26 | 2.74 | 8.14 | 1975 | 1487 | 0 | -8 | -9 | -7 | -9 |
| 10/28/2016 11:36 | 303.4833333 | Deploying | 2 | 4860 | 2.74 | 2.26 | 2.76 | 8.13 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 11:36 | 303.4836806 | Deploying | 2 | 4890 | 2.74 | 2.26 | 2.78 | 8.16 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 11:37 | 303.4840278 | Deploying | 2 | 4920 | 2.74 | 2.26 | 2.8 | 8.14 | 0 | 0 | 0 | -10 | -8 | -6 | -8 |
| 10/28/2016 11:37 | 303.4840509 | Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:37 | 303.4843750 | Deploying | 2 | 4950 | 2.77 | 2.31 | 2.81 | 8.14 | 1944 | 1472 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 11:38 | 303.4847222 | Deploying | 2 | 4980 | 2.78 | 2.31 | 2.83 | 8.14 | 0 | 0 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 11:38 | 303.4848727 | Winding down 1346 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:38 | 303.4850694 | Deploying | 2 | 5010 | 2.82 | 2.36 | 2.85 | 8.14 | 1948 | 1489 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 11:39 | 303.4854167 | Deploying | 2 | 5040 | 2.84 | 2.36 | 2.86 | 8.14 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 11:39 | 303.4857639 | Deploying | 2 | 5070 | 2.84 | 2.36 | 2.88 | 8.16 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 11:40 | 303.4861111 | Deploying | 2 | 5100 | 2.84 | 2.36 | 2.9 | 8.14 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 11:40 | 303.4863079 | Winding down 1528 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:40 | 303.4864583 | Deploying | 2 | 5130 | 2.87 | 2.42 | 2.91 | 8.14 | 1912 | 1471 | 0 | -6 | -8 | -7 | -8 |
| 10/28/2016 11:41 | 303.4868056 | Deploying | 2 | 5160 | 2.9 | 2.42 | 2.93 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 11:41 | 303.4871528 | Deploying | 2 | 5190 | 2.9 | 2.42 | 2.95 | 8.13 | 0 | 0 | 0 | -8 | -3 | -5 | -3 |
| 10/28/2016 11:41 | 303.4873727 | Winding down 1581 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 11:42 | 303.4875000 Deploying | 2 | 5220 | 2.92 | 2.48 | 2.97 | 8.14 | 1933 | 1479 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:42 | 303.4878472 Deploying | 2 | 5250 | 2.97 | 2.48 | 2.98 | 8.14 | 0 | 0 | 0 | -8 | -4 | -6 | -4 |
| 10/28/2016 11:43 | 303.4881944 Deploying | 2 | 5280 | 2.96 | 2.48 | 3 | 8.14 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 11:43 | 303.4885417 Deploying | 2 | 5310 | 2.97 | 2.48 | 3.02 | 8.17 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 11:43 | 303.4887037 Winding down 1285 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:44 | 303.4888889 Deploying | 2 | 5340 | 3 | 2.53 | 3.03 | 8.16 | 1951 | 1496 | 0 | -5 | -7 | -6 | -7 |
| 10/28/2016 11:44 | 303.4892361 Deploying | 2 | 5370 | 3.02 | 2.53 | 3.05 | 8.17 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 11:45 | 303.4895833 Deploying | 2 | 5400 | 3.01 | 2.53 | 3.07 | 8.17 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 11:45 | 303.4896412 Winding down 1358 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:45 | 303.4899306 Deploying | 2 | 5430 | 3.06 | 2.58 | 3.08 | 8.13 | 1901 | 1456 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 11:46 | 303.4902778 Deploying | 2 | 5460 | 3.08 | 2.58 | 3.1 | 8.16 | 0 | 0 | 0 | -7 | -4 | -6 | -4 |
| 10/28/2016 11:46 | 303.4906250 Deploying | 2 | 5490 | 3.09 | 2.58 | 3.12 | 8.14 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 11:47 | 303.4909722 Deploying | 2 | 5520 | 3.08 | 2.58 | 3.14 | 8.14 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 11:47 | 303.4912037 Winding down 1895 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:47 | 303.4913194 Deploying | 2 | 5550 | 3.09 | 2.65 | 3.15 | 8.13 | 2087 | 1499 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:48 | 303.4916667 Deploying | 2 | 5580 | 3.15 | 2.65 | 3.17 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 11:48 | 303.4920139 Deploying | 2 | 5610 | 3.16 | 2.65 | 3.19 | 8.13 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:49 | 303.4923611 Deploying | 2 | 5640 | 3.16 | 2.65 | 3.2 | 8.13 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 11:49 | 303.4926273 Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:49 | 303.4927083 Deploying | 2 | 5670 | 3.17 | 2.72 | 3.22 | 8.11 | 1956 | 1492 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 11:50 | 303.4930556 Deploying | 2 | 5700 | 3.23 | 2.72 | 3.24 | 8.14 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 11:50 | 303.4934028 Deploying | 2 | 5730 | 3.22 | 2.72 | 3.25 | 8.13 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 11:51 | 303.4937500 Deploying | 2 | 5760 | 3.22 | 2.72 | 3.27 | 8.13 | 0 | 0 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 11:51 | 303.4938426 Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:51 | 303.4940972 Deploying | 2 | 5790 | 3.26 | 2.78 | 3.29 | 8.13 | 1903 | 1488 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 11:52 | 303.4944444 Deploying | 2 | 5820 | 3.29 | 2.78 | 3.31 | 8.14 | 0 | 0 | 0 | -8 | -8 | -5 | -8 |
| 10/28/2016 11:52 | 303.4947917 Deploying | 2 | 5850 | 3.28 | 2.78 | 3.32 | 8.13 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 11:53 | 303.4951389 Deploying | 2 | 5880 | 3.29 | 2.78 | 3.34 | 8.16 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 11:53 | 303.4952315 Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:53 | 303.4954861 Deploying | 2 | 5910 | 3.34 | 2.84 | 3.36 | 8.16 | 1890 | 1481 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 11:54 | 303.4958333 Deploying | 2 | 5940 | 3.35 | 2.84 | 3.37 | 8.13 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 11:54 | 303.4961806 Deploying | 2 | 5970 | 3.35 | 2.84 | 3.39 | 8.14 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 11:55 | 303.4965278 Deploying | 2 | 6000 | 3.35 | 2.84 | 3.41 | 8.11 | 0 | 0 | 0 | -9 | -5 | -6 | -5 |
| 10/28/2016 11:55 | 303.4966898 Winding down 1860 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:55 | 303.4968750 Deploying | 2 | 6030 | 3.38 | 2.91 | 3.42 | 8.13 | 1897 | 1466 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 11:56 | 303.4972222 Deploying | 2 | 6060 | 3.42 | 2.91 | 3.44 | 8.14 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 11:56 | 303.4975694 Deploying | 2 | 6090 | 3.44 | 2.91 | 3.46 | 8.13 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 11:57 | 303.4979167 Deploying | 2 | 6120 | 3.42 | 2.91 | 3.48 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 11:57 | 303.4979630 Winding down 1369 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:57 | 303.4982639 Deploying | 2 | 6150 | 3.48 | 2.96 | 3.49 | 8.11 | 2071 | 1489 | 0 | -6 | -6 | -7 | -6 |
| 10/28/2016 11:58 | 303.4986111 Deploying | 2 | 6180 | 3.48 | 2.96 | 3.51 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 11:58 | 303.4989583 Deploying | 2 | 6210 | 3.48 | 2.96 | 3.53 | 8.11 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 11:58 | 303.4992940 Winding down 1723 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:59 | 303.4993056 Deploying | 2 | 6240 | 3.48 | 3.02 | 3.54 | 8.08 | 1932 | 1461 | 0 | -4 | -6 | -6 | -6 |
| 10/28/2016 11:59 | 303.4996528 Deploying | 2 | 6270 | 3.55 | 3.02 | 3.56 | 8.13 | 1932 | 158 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 12:00 | 303.5000000 Deploying | 2 | 6300 | 3.55 | 3.02 | 3.58 | 8.13 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 12:00 | 303.5003472 Deploying | 2 | 6330 | 3.55 | 3.02 | 3.59 | 8.13 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:01 | 303.5006944 Deploying | 2 | 6360 | 3.56 | 3.02 | 3.61 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:01 | 303.5008681 Winding down 1425 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:01 | 303.5010417 Deploying | 2 | 6390 | 3.59 | 3.08 | 3.63 | 8.13 | 1937 | 1463 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 12:02 | 303.5013889 Deploying | 2 | 6420 | 3.62 | 3.08 | 3.65 | 8.11 | 0 | 0 | 0 | -4 | -6 | -6 | -6 |
| 10/28/2016 12:02 | 303.5017361 Deploying | 2 | 6450 | 3.6 | 3.08 | 3.66 | 8.13 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 12:02 | 303.5018519 Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:03 | 303.5020833 Deploying | 2 | 6480 | 3.65 | 3.14 | 3.68 | 8.13 | 1914 | 1484 | 0 | -7 | -7 | -5 | -7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 12:03 | 303.5024306 | Deploying | 2 | 6510 | 3.67 | 3.14 | 3.7 | 8.1 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 12:04 | 303.5027778 | Deploying | 2 | 6540 | 3.67 | 3.14 | 3.71 | 8.1 | 0 | 0 | 0 | -4 | -5 | -6 | -5 |
| 10/28/2016 12:04 | 303.5031019 | Winding down 1434 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:04 | 303.5031250 | Deploying | 2 | 6570 | 3.67 | 3.19 | 3.73 | 8.05 | 1896 | 1486 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 12:05 | 303.5034722 | Deploying | 2 | 6600 | 3.74 | 3.19 | 3.75 | 8.11 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 12:05 | 303.5038194 | Deploying | 2 | 6630 | 3.73 | 3.19 | 3.76 | 8.13 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 12:06 | 303.5041667 | Deploying | 2 | 6660 | 3.73 | 3.19 | 3.78 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:06 | 303.5043981 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:06 | 303.5045139 | Deploying | 2 | 6690 | 3.74 | 3.25 | 3.8 | 8.11 | 2084 | 1507 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 12:07 | 303.5048611 | Deploying | 2 | 6720 | 3.8 | 3.25 | 3.82 | 8.13 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 10/28/2016 12:07 | 303.5052083 | Deploying | 2 | 6750 | 3.8 | 3.25 | 3.83 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:08 | 303.5055556 | Deploying | 2 | 6780 | 3.8 | 3.25 | 3.85 | 8.11 | 0 | 0 | 0 | -9 | -5 | -7 | -5 |
| 10/28/2016 12:08 | 303.5058218 | Winding down 1613 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:08 | 303.5059028 | Deploying | 2 | 6810 | 3.81 | 3.31 | 3.87 | 8.13 | 2100 | 1498 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 12:09 | 303.5062500 | Deploying | 2 | 6840 | 3.87 | 3.31 | 3.88 | 8.11 | 0 | 0 | 0 | -5 | -6 | -7 | -6 |
| 10/28/2016 12:09 | 303.5065972 | Deploying | 2 | 6870 | 3.86 | 3.31 | 3.9 | 8.13 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 12:10 | 303.5069444 | Deploying | 2 | 6900 | 3.86 | 3.31 | 3.92 | 8.13 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:10 | 303.5070139 | Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:10 | 303.5072917 | Deploying | 2 | 6930 | 3.91 | 3.37 | 3.93 | 8.1 | 1953 | 1493 | 0 | -8 | -6 | -7 | -6 |
| 10/28/2016 12:11 | 303.5076389 | Deploying | 2 | 6960 | 3.93 | 3.37 | 3.95 | 8.13 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 12:11 | 303.5079861 | Deploying | 2 | 6990 | 3.92 | 3.37 | 3.97 | 8.14 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:11 | 303.5081481 | Winding down 1410 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:12 | 303.5083333 | Deploying | 2 | 7020 | 3.95 | 3.42 | 3.99 | 8.13 | 2083 | 1482 | 0 | -5 | -5 | -6 | -5 |
| 10/28/2016 12:12 | 303.5086806 | Deploying | 2 | 7050 | 3.97 | 3.42 | 4 | 8.13 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 12:13 | 303.5090278 | Deploying | 2 | 7080 | 3.96 | 3.42 | 4.02 | 8.1 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:13 | 303.5092708 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:13 | 303.5093750 | Deploying | 2 | 7110 | 3.98 | 3.49 | 4.04 | 8.1 | 2075 | 1501 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 12:14 | 303.5097222 | Deploying | 2 | 7140 | 4.03 | 3.49 | 4.05 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:14 | 303.5100694 | Deploying | 2 | 7170 | 4.03 | 3.49 | 4.07 | 8.13 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 12:15 | 303.5104167 | Deploying | 2 | 7200 | 4.04 | 3.49 | 4.09 | 8.1 | 0 | 0 | 0 | -7 | -8 | -5 | -8 |
| 10/28/2016 12:15 | 303.5104514 | Winding down 1280 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:15 | 303.5107639 | Deploying | 2 | 7230 | 4.08 | 3.53 | 4.1 | 8.08 | 1914 | 1472 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:16 | 303.5111111 | Deploying | 2 | 7260 | 4.1 | 3.53 | 4.12 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:16 | 303.5114583 | Deploying | 2 | 7290 | 4.08 | 3.53 | 4.14 | 8.11 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 12:16 | 303.5117130 | Winding down 1724 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:17 | 303.5118056 | Deploying | 2 | 7320 | 4.1 | 3.6 | 4.16 | 8.08 | 1927 | 1470 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 12:17 | 303.5121528 | Deploying | 2 | 7350 | 4.15 | 3.6 | 4.17 | 8.11 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 12:18 | 303.5125000 | Deploying | 2 | 7380 | 4.15 | 3.6 | 4.19 | 8.05 | 0 | 0 | 0 | -9 | -10 | -7 | -10 |
| 10/28/2016 12:18 | 303.5128472 | Deploying | 2 | 7410 | 4.16 | 3.6 | 4.21 | 8.11 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:18 | 303.5131597 | Winding down 1745 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:19 | 303.5131944 | Deploying | 2 | 7440 | 4.16 | 3.67 | 4.22 | 8.08 | 1953 | 1452 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:19 | 303.5135417 | Deploying | 2 | 7470 | 4.22 | 3.67 | 4.24 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:20 | 303.5138889 | Deploying | 2 | 7500 | 4.2 | 3.67 | 4.26 | 8.11 | 0 | 0 | 0 | -8 | -5 | -5 | -5 |
| 10/28/2016 12:20 | 303.5139468 | Winding down 1358 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:20 | 303.5142361 | Deploying | 2 | 7530 | 4.26 | 3.72 | 4.27 | 8.08 | 1930 | 1482 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:21 | 303.5145833 | Deploying | 2 | 7560 | 4.28 | 3.72 | 4.29 | 8.06 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 12:21 | 303.5149306 | Deploying | 2 | 7590 | 4.27 | 3.72 | 4.31 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:22 | 303.5152778 | Deploying | 2 | 7620 | 4.27 | 3.72 | 4.33 | 8.08 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 12:22 | 303.5154514 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:22 | 303.5156250 | Deploying | 2 | 7650 | 4.3 | 3.78 | 4.34 | 8.1 | 1945 | 1491 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 12:23 | 303.5159722 | Deploying | 2 | 7680 | 4.33 | 3.78 | 4.36 | 8.06 | 0 | 0 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 12:23 | 303.5163194 | Deploying | 2 | 7710 | 4.35 | 3.78 | 4.38 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:24 | 303.5166667 | Deploying | 2 | 7740 | 4.34 | 3.78 | 4.39 | 8.08 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 12:24 | 303.5168171 | Winding down 1546 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 12:24 | 303.5170139 | Deploying | 2 | 7770 | 4.38 | 3.84 | 4.41 | 8.1 | 2150 | 1512 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 12:25 | 303.5173611 | Deploying | 2 | 7800 | 4.4 | 3.84 | 4.43 | 8.1 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:25 | 303.5177083 | Deploying | 2 | 7830 | 4.38 | 3.84 | 4.44 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:25 | 303.5177662 | Winding down 1583 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:26 | 303.5180556 | Deploying | 2 | 7860 | 4.46 | 3.9 | 4.46 | 8.1 | 1955 | 1475 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:26 | 303.5184028 | Deploying | 2 | 7890 | 4.46 | 3.9 | 4.48 | 8.08 | 0 | 0 | 0 | -9 | -8 | -6 | -8 |
| 10/28/2016 12:27 | 303.5187500 | Deploying | 2 | 7920 | 4.46 | 3.9 | 4.5 | 8.11 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 12:27 | 303.5190972 | Deploying | 2 | 7950 | 4.45 | 3.9 | 4.51 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:27 | 303.5193287 | Winding down 1945 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:28 | 303.5194444 | Deploying | 2 | 7980 | 4.48 | 3.97 | 4.53 | 8.06 | 2091 | 1489 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 12:28 | 303.5197917 | Deploying | 2 | 8010 | 4.54 | 3.97 | 4.55 | 8.1 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:29 | 303.5201389 | Deploying | 2 | 8040 | 4.54 | 3.97 | 4.56 | 8.1 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 12:29 | 303.5204861 | Deploying | 2 | 8070 | 4.53 | 3.97 | 4.58 | 8.08 | 0 | 0 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 12:29 | 303.5207176 | Winding down 1320 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:30 | 303.5208333 | Deploying | 2 | 8100 | 4.56 | 4.02 | 4.6 | 8.11 | 2099 | 1522 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:30 | 303.5211806 | Deploying | 2 | 8130 | 4.57 | 4.02 | 4.61 | 8.1 | 0 | 0 | 0 | -9 | -5 | -6 | -5 |
| 10/28/2016 12:31 | 303.5215278 | Deploying | 2 | 8160 | 4.6 | 4.02 | 4.63 | 8.1 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 12:31 | 303.5218750 | Deploying | 2 | 8190 | 4.6 | 4.02 | 4.65 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:31 | 303.5220370 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:32 | 303.5222222 | Deploying | 2 | 8220 | 4.63 | 4.08 | 4.67 | 8.1 | 1944 | 1478 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:32 | 303.5225694 | Deploying | 2 | 8250 | 4.66 | 4.08 | 4.68 | 8.08 | 0 | 0 | 0 | -4 | -5 | -6 | -5 |
| 10/28/2016 12:33 | 303.5229167 | Deploying | 2 | 8280 | 4.66 | 4.08 | 4.7 | 8.06 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:33 | 303.5232639 | Deploying | 2 | 8310 | 4.66 | 4.08 | 4.72 | 8.1 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 12:33 | 303.5233102 | Winding down 1694 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:34 | 303.5236111 | Deploying | 2 | 8340 | 4.69 | 4.14 | 4.73 | 8.1 | 1937 | 1479 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 12:34 | 303.5239583 | Deploying | 2 | 8370 | 4.72 | 4.14 | 4.75 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:35 | 303.5243056 | Deploying | 2 | 8400 | 4.72 | 4.14 | 4.77 | 8.11 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 12:35 | 303.5243171 | Winding down 1326 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:35 | 303.5246528 | Deploying | 2 | 8430 | 4.76 | 4.19 | 4.78 | 8.11 | 1899 | 1461 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:36 | 303.5250000 | Deploying | 2 | 8460 | 4.77 | 4.19 | 4.8 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:36 | 303.5253472 | Deploying | 2 | 8490 | 4.77 | 4.19 | 4.82 | 8.08 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 12:36 | 303.5256713 | Winding down 1634 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:37 | 303.5256944 | Deploying | 2 | 8520 | 4.77 | 4.26 | 4.84 | 7.97 | 1908 | 1468 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 12:37 | 303.5260417 | Deploying | 2 | 8550 | 4.83 | 4.26 | 4.85 | 8.06 | 0 | 0 | 0 | -8 | -5 | -7 | -5 |
| 10/28/2016 12:38 | 303.5263889 | Deploying | 2 | 8580 | 4.85 | 4.26 | 4.87 | 8.1 | 0 | 0 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 12:38 | 303.5267361 | Deploying | 2 | 8610 | 4.84 | 4.26 | 4.89 | 8.08 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:39 | 303.5270833 | Deploying | 2 | 8640 | 4.85 | 4.26 | 4.9 | 8.06 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 12:39 | 303.5272338 | Winding down 1796 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:39 | 303.5274306 | Deploying | 2 | 8670 | 4.87 | 4.33 | 4.92 | 8.08 | 1920 | 1468 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:40 | 303.5277778 | Deploying | 2 | 8700 | 4.91 | 4.33 | 4.94 | 8.1 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:40 | 303.5281250 | Deploying | 2 | 8730 | 4.91 | 4.33 | 4.95 | 8.08 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 12:41 | 303.5284722 | Deploying | 2 | 8760 | 4.9 | 4.33 | 4.97 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:41 | 303.5285069 | Winding down 1880 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:41 | 303.5288194 | Deploying | 2 | 8790 | 4.98 | 4.4 | 4.99 | 8.1 | 2146 | 1495 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:42 | 303.5291667 | Deploying | 2 | 8820 | 4.98 | 4.4 | 5.01 | 8.08 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 10/28/2016 12:42 | 303.5295139 | Deploying | 2 | 8850 | 4.99 | 4.4 | 5.02 | 8.08 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:43 | 303.5298611 | Deploying | 2 | 8880 | 4.99 | 4.4 | 5.04 | 8.11 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:43 | 303.5300579 | Winding down 1478 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:43 | 303.5302083 | Deploying | 2 | 8910 | 5 | 4.45 | 5.06 | 8.08 | 2046 | 1510 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:44 | 303.5305556 | Deploying | 2 | 8940 | 5.04 | 4.45 | 5.07 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:44 | 303.5307755 | Winding down 1431 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:44 | 303.5309028 | Deploying | 2 | 8970 | 5.05 | 4.51 | 5.09 | 8.1 | 1923 | 1466 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:45 | 303.5312500 | Deploying | 2 | 9000 | 5.11 | 4.51 | 5.11 | 8.1 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:45 | 303.5315972 | Deploying | 2 | 9030 | 5.11 | 4.51 | 5.12 | 8.1 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 12:46 | 303.5319444 | Deploying | 2 | 9060 | 5.1 | 4.51 | 5.14 | 8.1 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 12:46 | 303.5322917 | Deploying | 2 | 9090 | 5.11 | 4.51 | 5.16 | 8.08 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 10/28/2016 12:46 | 303.5325579 | Winding down 1763 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:47 | 303.5326389 | Deploying | 2 | 9120 | 5.11 | 4.57 | 5.18 | 8.08 | 1944 | 1479 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:47 | 303.5329861 | Deploying | 2 | 9150 | 5.17 | 4.57 | 5.19 | 8.06 | 0 | 0 | 0 | -5 | -6 | -7 | -6 |
| 10/28/2016 12:48 | 303.5333333 | Deploying | 2 | 9180 | 5.18 | 4.57 | 5.21 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:48 | 303.5336806 | Deploying | 2 | 9210 | 5.18 | 4.57 | 5.23 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:48 | 303.5338657 | Winding down 1764 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:49 | 303.5340278 | Deploying | 2 | 9240 | 5.19 | 4.64 | 5.24 | 8.06 | 2084 | 1498 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:49 | 303.5343750 | Deploying | 2 | 9270 | 5.24 | 4.64 | 5.26 | 8.06 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 10/28/2016 12:50 | 303.5347222 | Deploying | 2 | 9300 | 5.24 | 4.64 | 5.28 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:50 | 303.5350694 | Deploying | 2 | 9330 | 5.25 | 4.64 | 5.29 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:50 | 303.5353819 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:51 | 303.5354167 | Deploying | 2 | 9360 | 5.24 | 4.71 | 5.31 | 8.08 | 2010 | 1494 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 12:51 | 303.5357639 | Deploying | 2 | 9390 | 5.32 | 4.71 | 5.33 | 8.1 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 12:52 | 303.5361111 | Deploying | 2 | 9420 | 5.31 | 4.71 | 5.35 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 10/28/2016 12:52 | 303.5364583 | Deploying | 2 | 9450 | 5.31 | 4.71 | 5.36 | 8.08 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 12:52 | 303.5365509 | Winding down 1375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:53 | 303.5368056 | Deploying | 2 | 9480 | 5.35 | 4.76 | 5.38 | 8.08 | 1933 | 1472 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 12:53 | 303.5371528 | Deploying | 2 | 9510 | 5.37 | 4.76 | 5.4 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 12:54 | 303.5375000 | Deploying | 2 | 9540 | 5.36 | 4.76 | 5.41 | 8.06 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 12:54 | 303.5376042 | Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:54 | 303.5378472 | Deploying | 2 | 9570 | 5.41 | 4.82 | 5.43 | 8.1 | 1888 | 1469 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 12:55 | 303.5381944 | Deploying | 2 | 9600 | 5.44 | 4.82 | 5.45 | 8.08 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 12:55 | 303.5385417 | Deploying | 2 | 9630 | 5.43 | 4.82 | 5.46 | 8.06 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 12:56 | 303.5388889 | Deploying | 2 | 9660 | 5.43 | 4.82 | 5.48 | 8.06 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 10/28/2016 12:56 | 303.5391551 | Winding down 1638 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:56 | 303.5392361 | Deploying | 2 | 9690 | 5.45 | 4.88 | 5.5 | 8.08 | 2117 | 1498 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 12:57 | 303.5395833 | Deploying | 2 | 9720 | 5.49 | 4.88 | 5.52 | 8.06 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 12:57 | 303.5399306 | Deploying | 2 | 9750 | 5.49 | 4.88 | 5.53 | 8.08 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 12:57 | 303.5402546 | Winding down 1709 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:58 | 303.5402778 | Deploying | 2 | 9780 | 5.48 | 4.95 | 5.55 | 8 | 2148 | 1512 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 12:58 | 303.5406250 | Deploying | 2 | 9810 | 5.56 | 4.95 | 5.57 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 12:59 | 303.5409722 | Deploying | 2 | 9840 | 5.53 | 4.95 | 5.58 | 8.05 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 12:59 | 303.5411921 | Winding down 1431 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:59 | 303.5413194 | Deploying | 2 | 9870 | 5.55 | 5 | 5.6 | 8.08 | 2080 | 1522 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:00 | 303.5416667 | Deploying | 2 | 9900 | 5.6 | 5 | 5.62 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 13:00 | 303.5420139 | Deploying | 2 | 9930 | 5.61 | 5 | 5.63 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:01 | 303.5423611 | Deploying | 2 | 9960 | 5.61 | 5 | 5.65 | 8.05 | 0 | 0 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 13:01 | 303.5427083 | Deploying | 2 | 9990 | 5.62 | 5 | 5.67 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 13:01 | 303.5428588 | Winding down 1621 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:02 | 303.5430556 | Deploying | 2 | 10020 | 5.64 | 5.06 | 5.69 | 8.08 | 1970 | 1474 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:02 | 303.5434028 | Deploying | 2 | 10050 | 5.66 | 5.06 | 5.7 | 8.08 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 13:02 | 303.5435995 | Winding down 1778 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:03 | 303.5437500 | Deploying | 2 | 10080 | 5.69 | 5.13 | 5.72 | 8.1 | 2141 | 1527 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 13:03 | 303.5440972 | Deploying | 2 | 10110 | 5.72 | 5.13 | 5.74 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:04 | 303.5444444 | Deploying | 2 | 10140 | 5.72 | 5.13 | 5.75 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 13:04 | 303.5447917 | Deploying | 2 | 10170 | 5.73 | 5.13 | 5.77 | 8.06 | 0 | 0 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 13:05 | 303.5451389 | Deploying | 2 | 10200 | 5.73 | 5.13 | 5.79 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:05 | 303.5452778 | Winding down 1832 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:05 | 303.5454861 | Deploying | 2 | 10230 | 5.77 | 5.2 | 5.8 | 8.11 | 2077 | 1515 | 0 | -6 | -7 | -7 | -7 |
| 10/28/2016 13:06 | 303.5458333 | Deploying | 2 | 10260 | 5.79 | 5.2 | 5.82 | 8.06 | 0 | 0 | 0 | -7 | -8 | -5 | -8 |
| 10/28/2016 13:06 | 303.5461806 | Deploying | 2 | 10290 | 5.81 | 5.2 | 5.84 | 8.05 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 13:07 | 303.5465278 | Deploying | 2 | 10320 | 5.79 | 5.2 | 5.86 | 8.06 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |

| Date/Time | Value | Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:07 | 303.5466667 | Winding down 1732 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:07 | 303.5468750 | Deploying | 2 | 10350 | 5.86 | 5.27 | 5.87 | 8.08 | 1969 | 1497 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 13:08 | 303.5472222 | Deploying | 2 | 10380 | 5.86 | 5.27 | 5.89 | 8.08 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 13:08 | 303.5475694 | Deploying | 2 | 10410 | 5.86 | 5.27 | 5.91 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:09 | 303.5479167 | Deploying | 2 | 10440 | 5.88 | 5.27 | 5.92 | 8.08 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:09 | 303.5481829 | Winding down 1488 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:09 | 303.5482639 | Deploying | 2 | 10470 | 5.88 | 5.33 | 5.94 | 8.08 | 1929 | 1473 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 13:10 | 303.5486111 | Deploying | 2 | 10500 | 5.93 | 5.33 | 5.96 | 8.03 | 0 | 0 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 13:10 | 303.5489583 | Deploying | 2 | 10530 | 5.93 | 5.33 | 5.97 | 8.1 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 13:10 | 303.5492245 | Winding down 1663 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:11 | 303.5493056 | Deploying | 2 | 10560 | 5.94 | 5.39 | 5.99 | 8.06 | 1921 | 1468 | 0 | -5 | -4 | -3 | -4 |
| 10/28/2016 13:11 | 303.5496528 | Deploying | 2 | 10590 | 5.98 | 5.39 | 6.01 | 8.06 | 0 | 0 | 0 | -6 | -7 | -5 | -7 |
| 10/28/2016 13:12 | 303.5500000 | Deploying | 2 | 10620 | 5.99 | 5.39 | 6.03 | 8.06 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 10/28/2016 13:12 | 303.5503472 | Deploying | 2 | 10650 | 5.97 | 5.39 | 6.04 | 8.06 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:12 | 303.5503472 | Winding down 1762 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:13 | 303.5506944 | Deploying | 2 | 10680 | 6.05 | 5.46 | 6.06 | 8.08 | 2091 | 1525 | 0 | -6 | -8 | -6 | -8 |
| 10/28/2016 13:13 | 303.5510417 | Deploying | 2 | 10710 | 6.07 | 5.46 | 6.08 | 8.08 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 13:14 | 303.5513889 | Deploying | 2 | 10740 | 6.06 | 5.46 | 6.09 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 13:14 | 303.5517361 | Deploying | 2 | 10770 | 6.06 | 5.46 | 6.11 | 8.06 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 13:15 | 303.5520833 | Deploying | 2 | 10800 | 6.08 | 5.46 | 6.13 | 8.1 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 10/28/2016 13:15 | 303.5520949 | Winding down 1276 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:15 | 303.5524306 | Deploying | 2 | 10830 | 6.09 | 5.5 | 6.14 | 8.1 | 2073 | 1476 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:15 | 303.5527546 | Winding down 1484 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:16 | 303.5527778 | Deploying | 2 | 10860 | 6.11 | 5.56 | 6.16 | 8.02 | 2015 | 1487 | 0 | -4 | -5 | -5 | -5 |
| 10/28/2016 13:16 | 303.5531250 | Deploying | 2 | 10890 | 6.19 | 5.56 | 6.18 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 13:17 | 303.5534722 | Deploying | 2 | 10920 | 6.18 | 5.56 | 6.2 | 8.08 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 13:17 | 303.5538194 | Deploying | 2 | 10950 | 6.19 | 5.56 | 6.21 | 8.1 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 13:18 | 303.5541667 | Deploying | 2 | 10980 | 6.16 | 5.56 | 6.23 | 8.08 | 0 | 0 | 0 | -9 | -4 | -5 | -4 |
| 10/28/2016 13:18 | 303.5543981 | Winding down 1970 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:18 | 303.5545139 | Deploying | 2 | 11010 | 6.19 | 5.64 | 6.25 | 8.08 | 1940 | 1492 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 13:19 | 303.5548611 | Deploying | 2 | 11040 | 6.21 | 5.64 | 6.26 | 8.08 | 0 | 0 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 13:19 | 303.5551736 | Winding down 1270 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:19 | 303.5552083 | Deploying | 2 | 11070 | 6.24 | 5.68 | 6.28 | 8.11 | 1904 | 1480 | 0 | -7 | -4 | -4 | -4 |
| 10/28/2016 13:20 | 303.5555556 | Deploying | 2 | 11100 | 6.31 | 5.68 | 6.3 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:20 | 303.5559028 | Deploying | 2 | 11130 | 6.3 | 5.68 | 6.31 | 8.1 | 0 | 0 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 13:21 | 303.5562500 | Deploying | 2 | 11160 | 6.31 | 5.68 | 6.33 | 8.1 | 0 | 0 | 0 | -6 | -4 | -5 | -4 |
| 10/28/2016 13:21 | 303.5565972 | Deploying | 2 | 11190 | 6.32 | 5.68 | 6.35 | 8.1 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 13:22 | 303.5569444 | Deploying | 2 | 11220 | 6.29 | 5.68 | 6.37 | 8.1 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 13:22 | 303.5570718 | Winding down 2293 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:22 | 303.5572917 | Deploying | 2 | 11250 | 6.34 | 5.77 | 6.38 | 8.1 | 1924 | 1465 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:23 | 303.5576389 | Deploying | 2 | 11280 | 6.36 | 5.77 | 6.4 | 8.08 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 10/28/2016 13:23 | 303.5579861 | Deploying | 2 | 11310 | 6.41 | 5.77 | 6.42 | 8.1 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 13:24 | 303.5583333 | Deploying | 2 | 11340 | 6.39 | 5.77 | 6.43 | 8.1 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 13:24 | 303.5586227 | Winding down 1516 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:24 | 303.5586806 | Deploying | 2 | 11370 | 6.4 | 5.83 | 6.45 | 8.08 | 1934 | 1444 | 0 | -7 | -4 | -5 | -4 |
| 10/28/2016 13:25 | 303.5590278 | Deploying | 2 | 11400 | 6.49 | 5.83 | 6.47 | 8.08 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:25 | 303.5593750 | Deploying | 2 | 11430 | 6.47 | 5.83 | 6.48 | 8.08 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 13:26 | 303.5597222 | Deploying | 2 | 11460 | 6.47 | 5.83 | 6.5 | 8.1 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 10/28/2016 13:26 | 303.5600694 | Deploying | 2 | 11490 | 6.49 | 5.83 | 6.52 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:27 | 303.5604167 | Deploying | 2 | 11520 | 6.46 | 5.83 | 6.54 | 8.08 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:27 | 303.5604398 | Winding down 1815 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:27 | 303.5607639 | Deploying | 2 | 11550 | 6.55 | 5.9 | 6.55 | 8.1 | 1903 | 1464 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 13:28 | 303.5611111 | Deploying | 2 | 11580 | 6.55 | 5.9 | 6.57 | 8.06 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 13:28 | 303.5614583 | Deploying | 2 | 11610 | 6.55 | 5.9 | 6.59 | 8.08 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |

| Date/Time | Value | Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:29 | 303.5618056 | Deploying | 2 | 11640 | 6.51 | 5.9 | 6.6 | 8.08 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:29 | 303.5618750 | Winding down 2197 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:29 | 303.5621528 | Deploying | 2 | 11670 | 6.61 | 5.98 | 6.62 | 8.06 | 2083 | 1492 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 13:30 | 303.5625000 | Deploying | 2 | 11700 | 6.65 | 5.98 | 6.64 | 8.11 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 13:30 | 303.5628472 | Deploying | 2 | 11730 | 6.67 | 5.98 | 6.65 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 13:31 | 303.5631944 | Deploying | 2 | 11760 | 6.65 | 5.98 | 6.67 | 8.1 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:31 | 303.5635417 | Deploying | 2 | 11790 | 6.64 | 5.98 | 6.69 | 8.08 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 13:31 | 303.5637731 | Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:32 | 303.5638889 | Deploying | 2 | 11820 | 6.66 | 6.05 | 6.71 | 8.08 | 2056 | 1479 | 0 | -6 | -6 | -4 | -6 |
| 10/28/2016 13:32 | 303.5642361 | Deploying | 2 | 11850 | 6.7 | 6.05 | 6.72 | 8.1 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:33 | 303.5645833 | Deploying | 2 | 11880 | 6.68 | 6.05 | 6.74 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 13:33 | 303.5648148 | Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:33 | 303.5649306 | Deploying | 2 | 11910 | 6.72 | 6.11 | 6.76 | 8.08 | 2091 | 1480 | 0 | -4 | -5 | -5 | -5 |
| 10/28/2016 13:34 | 303.5652778 | Deploying | 2 | 11940 | 6.77 | 6.11 | 6.77 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 13:34 | 303.5656250 | Deploying | 2 | 11970 | 6.79 | 6.11 | 6.79 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 13:35 | 303.5659722 | Deploying | 2 | 12000 | 6.79 | 6.11 | 6.81 | 8.1 | 0 | 0 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 13:35 | 303.5663194 | Deploying | 2 | 12030 | 6.8 | 6.11 | 6.82 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 10/28/2016 13:36 | 303.5666667 | Deploying | 2 | 12060 | 6.8 | 6.11 | 6.84 | 8.1 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |
| 10/28/2016 13:36 | 303.5670139 | Deploying | 2 | 12090 | 6.81 | 6.11 | 6.86 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 13:36 | 303.5673148 | Winding down 1855 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:37 | 303.5673611 | Deploying | 2 | 12120 | 6.81 | 6.18 | 6.88 | 8.1 | 1957 | 1452 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 13:37 | 303.5677083 | Deploying | 2 | 12150 | 6.87 | 6.18 | 6.89 | 8.08 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 13:38 | 303.5680556 | Deploying | 2 | 12180 | 6.88 | 6.18 | 6.91 | 8.13 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 13:38 | 303.5684028 | Deploying | 2 | 12210 | 6.84 | 6.18 | 6.93 | 8.1 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 13:38 | 303.5684375 | Winding down 2155 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:39 | 303.5687500 | Deploying | 2 | 12240 | 6.92 | 6.26 | 6.94 | 8.1 | 1910 | 1475 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:39 | 303.5690972 | Deploying | 2 | 12270 | 6.96 | 6.26 | 6.96 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 10/28/2016 13:40 | 303.5694444 | Deploying | 2 | 12300 | 6.96 | 6.26 | 6.98 | 8.08 | 0 | 0 | 0 | -8 | -6 | -5 | -6 |
| 10/28/2016 13:40 | 303.5697917 | Deploying | 2 | 12330 | 6.95 | 6.26 | 6.99 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:41 | 303.5701389 | Deploying | 2 | 12360 | 6.94 | 6.26 | 7.01 | 8.05 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 13:41 | 303.5702199 | Winding down 1811 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:41 | 303.5704861 | Deploying | 2 | 12390 | 7.03 | 6.33 | 7.03 | 8.11 | 1941 | 1460 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 13:42 | 303.5708333 | Deploying | 2 | 12420 | 7.03 | 6.33 | 7.05 | 8.11 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:42 | 303.5711806 | Deploying | 2 | 12450 | 7.02 | 6.33 | 7.06 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:42 | 303.5714815 | Winding down 2030 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:43 | 303.5715278 | Deploying | 2 | 12480 | 7.01 | 6.41 | 7.08 | 8.06 | 1905 | 1461 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 13:43 | 303.5718750 | Deploying | 2 | 12510 | 7.1 | 6.41 | 7.1 | 8.08 | 0 | 0 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 13:44 | 303.5722222 | Deploying | 2 | 12540 | 7.12 | 6.41 | 7.11 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:44 | 303.5725694 | Deploying | 2 | 12570 | 7.12 | 6.41 | 7.13 | 8.1 | 0 | 0 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 13:45 | 303.5729167 | Deploying | 2 | 12600 | 7.07 | 6.41 | 7.15 | 8.05 | 0 | 0 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 13:45 | 303.5729861 | Winding down 1922 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:45 | 303.5732639 | Deploying | 2 | 12630 | 7.13 | 6.48 | 7.16 | 8.06 | 1956 | 1454 | 0 | -8 | -5 | -5 | -5 |
| 10/28/2016 13:46 | 303.5736111 | Deploying | 2 | 12660 | 7.15 | 6.48 | 7.18 | 8.1 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 13:46 | 303.5739236 | Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:46 | 303.5739583 | Deploying | 2 | 12690 | 7.16 | 6.54 | 7.2 | 8.08 | 1944 | 1471 | 0 | -8 | -5 | -5 | -5 |
| 10/28/2016 13:47 | 303.5743056 | Deploying | 2 | 12720 | 7.23 | 6.54 | 7.22 | 8.1 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:47 | 303.5746528 | Deploying | 2 | 12750 | 7.24 | 6.54 | 7.23 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:48 | 303.5750000 | Deploying | 2 | 12780 | 7.25 | 6.54 | 7.25 | 8.1 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 13:48 | 303.5753472 | Deploying | 2 | 12810 | 7.25 | 6.54 | 7.27 | 8.08 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 10/28/2016 13:49 | 303.5756944 | Deploying | 2 | 12840 | 7.24 | 6.54 | 7.28 | 8.08 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:49 | 303.5760417 | Deploying | 2 | 12870 | 7.24 | 6.54 | 7.3 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 13:49 | 303.5760995 | Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:50 | 303.5763889 | Deploying | 2 | 12900 | 7.27 | 6.6 | 7.32 | 8.1 | 1894 | 1457 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 13:50 | 303.5767361 | Deploying | 2 | 12930 | 7.29 | 6.6 | 7.33 | 8.08 | 0 | 0 | 0 | -6 | -7 | -5 | -7 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:50 | 303.5768056 Winding down 1572 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:51 | 303.5770833 Deploying | 2 | 12960 | 7.33 | 6.66 | 7.35 | 8.1 | 2165 | 1504 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 13:51 | 303.5774306 Deploying | 2 | 12990 | 7.35 | 6.66 | 7.37 | 8.06 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 10/28/2016 13:52 | 303.5777778 Deploying | 2 | 13020 | 7.35 | 6.66 | 7.39 | 8.1 | 0 | 0 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 13:52 | 303.5781250 Deploying | 2 | 13050 | 7.32 | 6.66 | 7.4 | 8.06 | 0 | 0 | 0 | -6 | -4 | -5 | -4 |
| 10/28/2016 13:52 | 303.5782176 Winding down 1925 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:53 | 303.5784722 Deploying | 2 | 13080 | 7.39 | 6.73 | 7.42 | 8.08 | 1930 | 1504 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 13:53 | 303.5788194 Deploying | 2 | 13110 | 7.43 | 6.73 | 7.44 | 8.08 | 0 | 0 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 13:54 | 303.5791667 Deploying | 2 | 13140 | 7.43 | 6.73 | 7.45 | 8.1 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 13:54 | 303.5795139 Deploying | 2 | 13170 | 7.44 | 6.73 | 7.47 | 8.08 | 0 | 0 | 0 | -4 | -5 | -6 | -5 |
| 10/28/2016 13:55 | 303.5798611 Deploying | 2 | 13200 | 7.43 | 6.73 | 7.49 | 8.11 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:55 | 303.5798727 Winding down 1426 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:55 | 303.5802083 Deploying | 2 | 13230 | 7.5 | 6.78 | 7.5 | 8.08 | 1980 | 1482 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 13:56 | 303.5805556 Deploying | 2 | 13260 | 7.52 | 6.78 | 7.52 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:56 | 303.5809028 Deploying | 2 | 13290 | 7.47 | 6.78 | 7.54 | 8.08 | 0 | 0 | 0 | -7 | -4 | -5 | -4 |
| 10/28/2016 13:56 | 303.5811921 Winding down 1391 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:57 | 303.5812500 Deploying | 2 | 13320 | 7.5 | 6.84 | 7.56 | 8.1 | 2058 | 1464 | 0 | -8 | -5 | -6 | -5 |
| 10/28/2016 13:57 | 303.5815972 Deploying | 2 | 13350 | 7.54 | 6.84 | 7.57 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 13:58 | 303.5819444 Deploying | 2 | 13380 | 7.56 | 6.84 | 7.59 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 13:58 | 303.5822917 Deploying | 2 | 13410 | 7.54 | 6.84 | 7.61 | 8.1 | 0 | 0 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 13:58 | 303.5824421 Winding down 1496 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 13:59 | 303.5826389 Deploying | 2 | 13440 | 7.59 | 6.9 | 7.62 | 8.06 | 2089 | 1475 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 13:59 | 303.5829861 Deploying | 2 | 13470 | 7.62 | 6.9 | 7.64 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:00 | 303.5833333 Deploying | 2 | 13500 | 7.61 | 6.9 | 7.66 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:00 | 303.5836111 Winding down 1377 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 14:00 | 303.5836806 Deploying | 2 | 13530 | 7.62 | 6.95 | 7.67 | 8.06 | 2014 | 1480 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:01 | 303.5840278 Deploying | 2 | 13560 | 7.68 | 6.95 | 7.69 | 8.08 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 14:01 | 303.5843750 Deploying | 2 | 13590 | 7.66 | 6.95 | 7.71 | 8.03 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:01 | 303.5845949 Winding down 1731 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 14:02 | 303.5847222 Deploying | 2 | 13620 | 7.68 | 7.01 | 7.73 | 8.05 | 1959 | 1473 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 14:02 | 303.5850694 Deploying | 2 | 13650 | 7.78 | 7.01 | 7.74 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:03 | 303.5854167 Deploying | 2 | 13680 | 7.74 | 7.01 | 7.76 | 8.11 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 14:03 | 303.5857639 Deploying | 2 | 13710 | 7.75 | 7.01 | 7.78 | 8.08 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 14:04 | 303.5861111 Deploying | 2 | 13740 | 7.77 | 7.01 | 7.79 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:04 | 303.5864583 Deploying | 2 | 13770 | 7.74 | 7.01 | 7.81 | 8.06 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 14:04 | 303.5865509 Winding down 1950 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 14:05 | 303.5868056 Deploying | 2 | 13800 | 7.79 | 7.09 | 7.83 | 8.08 | 1936 | 1499 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:05 | 303.5871528 Deploying | 2 | 13830 | 7.83 | 7.09 | 7.84 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:06 | 303.5875000 Deploying | 2 | 13860 | 7.83 | 7.09 | 7.86 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:06 | 303.5878472 Deploying | 2 | 13890 | 7.83 | 7.09 | 7.88 | 8.08 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 14:06 | 303.5881134 Winding down 1263 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 14:07 | 303.5881944 Deploying | 2 | 13920 | 7.85 | 7.14 | 7.9 | 8.1 | 1890 | 1466 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 14:07 | 303.5885417 Deploying | 2 | 13950 | 7.89 | 7.14 | 7.91 | 8.1 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 14:08 | 303.5888889 Deploying | 2 | 13980 | 7.87 | 7.14 | 7.93 | 8.06 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 14:08 | 303.5892361 Deploying | 2 | 14010 | 7.9 | 7.14 | 7.95 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:08 | 303.5893171 Winding down 1386 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 14:09 | 303.5895833 Deploying | 2 | 14040 | 7.93 | 7.19 | 7.96 | 8.08 | 2078 | 1476 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:09 | 303.5899306 Deploying | 2 | 14070 | 7.97 | 7.19 | 7.98 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:10 | 303.5902778 Deploying | 2 | 14100 | 7.98 | 7.19 | 8 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:10 | 303.5906250 Deploying | 2 | 14130 | 7.99 | 7.19 | 8.01 | 8.06 | 0 | 0 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 14:11 | 303.5909722 Deploying | 2 | 14160 | 7.96 | 7.19 | 8.03 | 8.03 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 10/28/2016 14:11 | 303.5911111 Winding down 2257 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 14:11 | 303.5913194 Deploying | 2 | 14190 | 8.02 | 7.28 | 8.05 | 8.06 | 1926 | 1473 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:12 | 303.5916667 Deploying | 2 | 14220 | 8.07 | 7.28 | 8.07 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| Date/Time | Value | State | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:12 | 303.5920139 | Deploying | | 2 | 14250 | 8.07 | 7.28 | 8.08 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:13 | 303.5923611 | Deploying | | 2 | 14280 | 8.07 | 7.28 | 8.1 | 8.06 | 0 | 0 | 0 | -6 | -8 | -6 | -8 |
| 10/28/2016 14:13 | 303.5926620 | Winding down 1280 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:13 | 303.5927083 | Deploying | | 2 | 14310 | 8.06 | 7.33 | 8.12 | 8.05 | 2101 | 1458 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:14 | 303.5930556 | Deploying | | 2 | 14340 | 8.12 | 7.33 | 8.13 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 10/28/2016 14:14 | 303.5934028 | Deploying | | 2 | 14370 | 8.11 | 7.33 | 8.15 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:15 | 303.5937500 | Deploying | | 2 | 14400 | 8.12 | 7.33 | 8.17 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:15 | 303.5939931 | Winding down 1410 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:15 | 303.5940972 | Deploying | | 2 | 14430 | 8.14 | 7.38 | 8.18 | 8.08 | 1932 | 1453 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 14:16 | 303.5944444 | Deploying | | 2 | 14460 | 8.18 | 7.38 | 8.2 | 8.06 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 14:16 | 303.5947917 | Deploying | | 2 | 14490 | 8.16 | 7.38 | 8.22 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:16 | 303.5949884 | Winding down 1403 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:17 | 303.5951389 | Deploying | | 2 | 14520 | 8.2 | 7.43 | 8.24 | 8.06 | 1907 | 1463 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:17 | 303.5954861 | Deploying | | 2 | 14550 | 8.22 | 7.43 | 8.25 | 8.06 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 14:18 | 303.5958333 | Deploying | | 2 | 14580 | 8.22 | 7.43 | 8.27 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:18 | 303.5961806 | Deploying | | 2 | 14610 | 8.24 | 7.43 | 8.29 | 8.05 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 10/28/2016 14:18 | 303.5962384 | Winding down 1308 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:19 | 303.5965278 | Deploying | | 2 | 14640 | 8.28 | 7.48 | 8.3 | 8.06 | 1941 | 1461 | 0 | -7 | -7 | -7 | -7 |
| 10/28/2016 14:19 | 303.5968750 | Deploying | | 2 | 14670 | 8.26 | 7.48 | 8.32 | 8.1 | 0 | 0 | 0 | -6 | -7 | -5 | -7 |
| 10/28/2016 14:19 | 303.5971181 | Winding down 1610 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:20 | 303.5972222 | Deploying | | 2 | 14700 | 8.29 | 7.55 | 8.34 | 8.06 | 1928 | 1449 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 14:20 | 303.5975694 | Deploying | | 2 | 14730 | 8.32 | 7.55 | 8.35 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:21 | 303.5979167 | Deploying | | 2 | 14760 | 8.34 | 7.55 | 8.37 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:21 | 303.5982639 | Deploying | | 2 | 14790 | 8.32 | 7.55 | 8.39 | 8.06 | 0 | 0 | 0 | -8 | -5 | -5 | -5 |
| 10/28/2016 14:21 | 303.5983565 | Winding down 1900 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:22 | 303.5986111 | Deploying | | 2 | 14820 | 8.41 | 7.62 | 8.41 | 8.08 | 1920 | 1465 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:22 | 303.5989583 | Deploying | | 2 | 14850 | 8.43 | 7.62 | 8.42 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:23 | 303.5993056 | Deploying | | 2 | 14880 | 8.42 | 7.62 | 8.44 | 8.1 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:23 | 303.5996528 | Deploying | | 2 | 14910 | 8.43 | 7.62 | 8.46 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:24 | 303.6000000 | Deploying | | 2 | 14940 | 8.43 | 7.62 | 8.47 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:24 | 303.6003472 | Deploying | | 2 | 14970 | 8.43 | 7.62 | 8.49 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:24 | 303.6004167 | Winding down 1922 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6006944 | Deploying | | 2 | 15000 | 8.47 | 7.69 | 8.51 | 8.06 | 1895 | 1475 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 14:25 | 303.6010417 | Deploying | | 2 | 15030 | 8.49 | 7.69 | 8.52 | 8.06 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 14:26 | 303.6013889 | Deploying | | 2 | 15060 | 8.5 | 7.69 | 8.54 | 8.06 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 14:26 | 303.6017361 | Deploying | | 2 | 15090 | 8.51 | 7.69 | 8.56 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:26 | 303.6018634 | Winding down 1468 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:27 | 303.6020833 | Deploying | | 2 | 15120 | 8.53 | 7.75 | 8.58 | 8.08 | 1931 | 1468 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:27 | 303.6024306 | Deploying | | 2 | 15150 | 8.57 | 7.75 | 8.59 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:27 | 303.6027546 | Winding down 1659 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:28 | 303.6027778 | Deploying | | 2 | 15180 | 8.55 | 7.81 | 8.61 | 7.97 | 1923 | 1455 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:28 | 303.6031250 | Deploying | | 2 | 15210 | 8.62 | 7.81 | 8.63 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:29 | 303.6034722 | Deploying | | 2 | 15240 | 8.61 | 7.81 | 8.64 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:29 | 303.6038194 | Deploying | | 2 | 15270 | 8.62 | 7.81 | 8.66 | 8.08 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 14:30 | 303.6041667 | Deploying | | 2 | 15300 | 8.61 | 7.81 | 8.68 | 8.08 | 0 | 0 | 0 | -4 | -5 | -6 | -5 |
| 10/28/2016 14:30 | 303.6043403 | Winding down 1900 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:30 | 303.6045139 | Deploying | | 2 | 15330 | 8.65 | 7.88 | 8.69 | 8.08 | 1923 | 1452 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:31 | 303.6048611 | Deploying | | 2 | 15360 | 8.7 | 7.88 | 8.71 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:31 | 303.6052083 | Deploying | | 2 | 15390 | 8.7 | 7.88 | 8.73 | 8.1 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:32 | 303.6055556 | Deploying | | 2 | 15420 | 8.69 | 7.88 | 8.75 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:32 | 303.6057176 | Winding down 1435 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:32 | 303.6059028 | Deploying | | 2 | 15450 | 8.72 | 7.94 | 8.76 | 8.08 | 1928 | 1490 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 14:33 | 303.6062500 | Deploying | | 2 | 15480 | 8.74 | 7.94 | 8.78 | 8.06 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 14:33 | 303.6065972 | Deploying | | 2 | 15510 | 8.74 | 7.94 | 8.8 | 8.05 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |

| Date/Time | Value | Status | Mode | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:33 | 303.6066898 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:34 | 303.6069444 | Deploying | 2 | 15540 | 8.79 | 8 | 8.81 | 8.05 | 1975 | 1464 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:34 | 303.6072917 | Deploying | 2 | 15570 | 8.82 | 8 | 8.83 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:35 | 303.6076389 | Deploying | 2 | 15600 | 8.81 | 8 | 8.85 | 8.06 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:35 | 303.6079861 | Deploying | 2 | 15630 | 8.82 | 8 | 8.86 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:36 | 303.6083333 | Deploying | 2 | 15660 | 8.82 | 8 | 8.88 | 8.06 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 14:36 | 303.6083565 | Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:36 | 303.6086806 | Deploying | 2 | 15690 | 8.88 | 8.06 | 8.9 | 8.1 | 1855 | 1428 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:37 | 303.6090278 | Deploying | 2 | 15720 | 8.89 | 8.06 | 8.92 | 8.08 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |
| 10/28/2016 14:37 | 303.6093750 | Deploying | 2 | 15750 | 8.87 | 8.06 | 8.93 | 8.06 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 14:37 | 303.6094676 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:38 | 303.6097222 | Deploying | 2 | 15780 | 8.93 | 8.12 | 8.95 | 8.05 | 2079 | 1485 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:38 | 303.6100694 | Deploying | 2 | 15810 | 8.96 | 8.12 | 8.97 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:39 | 303.6104167 | Deploying | 2 | 15840 | 8.97 | 8.12 | 8.98 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:39 | 303.6107639 | Deploying | 2 | 15870 | 8.97 | 8.12 | 9 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:40 | 303.6111111 | Deploying | 2 | 15900 | 8.97 | 8.12 | 9.02 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:40 | 303.6113542 | Winding down 1410 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:40 | 303.6114583 | Deploying | 2 | 15930 | 8.98 | 8.17 | 9.03 | 8.06 | 1988 | 1456 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 14:41 | 303.6118056 | Deploying | 2 | 15960 | 9.02 | 8.17 | 9.05 | 8.03 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 14:41 | 303.6121528 | Deploying | 2 | 15990 | 9.02 | 8.17 | 9.07 | 8.06 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 14:41 | 303.6122338 | Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:42 | 303.6125000 | Deploying | 2 | 16020 | 9.06 | 8.23 | 9.09 | 8.06 | 1987 | 1488 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:42 | 303.6128472 | Deploying | 2 | 16050 | 9.09 | 8.23 | 9.1 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:43 | 303.6131944 | Deploying | 2 | 16080 | 9.09 | 8.23 | 9.12 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:43 | 303.6135417 | Deploying | 2 | 16110 | 9.08 | 8.23 | 9.14 | 8.05 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 14:43 | 303.6136921 | Winding down 1646 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:44 | 303.6138889 | Deploying | 2 | 16140 | 9.11 | 8.29 | 9.15 | 8.06 | 1942 | 1468 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 14:44 | 303.6142361 | Deploying | 2 | 16170 | 9.14 | 8.29 | 9.17 | 8.06 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 14:45 | 303.6145833 | Deploying | 2 | 16200 | 9.16 | 8.29 | 9.19 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:45 | 303.6149306 | Deploying | 2 | 16230 | 9.14 | 8.29 | 9.2 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:45 | 303.6150000 | Winding down 1572 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:46 | 303.6152778 | Deploying | 2 | 16260 | 9.19 | 8.35 | 9.22 | 8.08 | 1914 | 1458 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:46 | 303.6156250 | Deploying | 2 | 16290 | 9.19 | 8.35 | 9.24 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:46 | 303.6159375 | Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:47 | 303.6159722 | Deploying | 2 | 16320 | 9.2 | 8.41 | 9.26 | 8.06 | 1874 | 1461 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:47 | 303.6163194 | Deploying | 2 | 16350 | 9.26 | 8.41 | 9.27 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:48 | 303.6166667 | Deploying | 2 | 16380 | 9.26 | 8.41 | 9.29 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:48 | 303.6170139 | Deploying | 2 | 16410 | 9.24 | 8.41 | 9.31 | 8.06 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 10/28/2016 14:48 | 303.6171528 | Winding down 1907 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:49 | 303.6173611 | Deploying | 2 | 16440 | 9.29 | 8.48 | 9.32 | 8.05 | 1924 | 1471 | 0 | -4 | -5 | -6 | -5 |
| 10/28/2016 14:49 | 303.6177083 | Deploying | 2 | 16470 | 9.32 | 8.48 | 9.34 | 8.06 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 14:50 | 303.6180556 | Deploying | 2 | 16500 | 9.34 | 8.48 | 9.36 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:50 | 303.6184028 | Deploying | 2 | 16530 | 9.33 | 8.48 | 9.37 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:50 | 303.6186690 | Winding down 2038 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:51 | 303.6187500 | Deploying | 2 | 16560 | 9.33 | 8.56 | 9.39 | 8.03 | 2159 | 1536 | 0 | -6 | -5 | -4 | -5 |
| 10/28/2016 14:51 | 303.6190972 | Deploying | 2 | 16590 | 9.39 | 8.56 | 9.41 | 8.1 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 14:52 | 303.6194444 | Deploying | 2 | 16620 | 9.42 | 8.56 | 9.43 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:52 | 303.6197917 | Deploying | 2 | 16650 | 9.41 | 8.56 | 9.44 | 8 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 14:53 | 303.6201389 | Deploying | 2 | 16680 | 9.4 | 8.56 | 9.46 | 8.05 | 0 | 0 | 0 | -7 | -5 | -6 | -5 |
| 10/28/2016 14:53 | 303.6201505 | Winding down 1551 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:53 | 303.6204861 | Deploying | 2 | 16710 | 9.44 | 8.62 | 9.48 | 8.06 | 1924 | 1485 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:54 | 303.6208333 | Deploying | 2 | 16740 | 9.44 | 8.62 | 9.49 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:54 | 303.6208681 | Winding down 1355 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:54 | 303.6211806 | Deploying | 2 | 16770 | 9.48 | 8.67 | 9.51 | 8.05 | 2081 | 1470 | 0 | -7 | -6 | -6 | -6 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:55 | 303.6215278 | Deploying | 2 | 16800 | 9.5 | 8.67 | 9.53 | 8.08 | 0 | 0 | 0 | -5 | -5 | -5 | -5 |
| 10/28/2016 14:55 | 303.6218750 | Deploying | 2 | 16830 | 9.49 | 8.67 | 9.54 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:55 | 303.6221644 | Winding down 1841 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:56 | 303.6222222 | Deploying | 2 | 16860 | 9.49 | 8.74 | 9.56 | 8.06 | 1991 | 1462 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:56 | 303.6225694 | Deploying | 2 | 16890 | 9.58 | 8.74 | 9.58 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:57 | 303.6229167 | Deploying | 2 | 16920 | 9.58 | 8.74 | 9.6 | 8.08 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 14:57 | 303.6232639 | Deploying | 2 | 16950 | 9.55 | 8.74 | 9.61 | 8.03 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 14:57 | 303.6233449 | Winding down 1961 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:58 | 303.6236111 | Deploying | 2 | 16980 | 9.6 | 8.82 | 9.63 | 8.05 | 2161 | 1520 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 14:58 | 303.6239583 | Deploying | 2 | 17010 | 9.64 | 8.82 | 9.65 | 8.08 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 14:59 | 303.6243056 | Deploying | 2 | 17040 | 9.65 | 8.82 | 9.66 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 14:59 | 303.6246412 | Winding down 1298 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:59 | 303.6246528 | Deploying | 2 | 17070 | 9.63 | 8.87 | 9.68 | 8.03 | 2110 | 1491 | 0 | -8 | -4 | -5 | -4 |
| 10/28/2016 15:00 | 303.6250000 | Deploying | 2 | 17100 | 9.69 | 8.87 | 9.7 | 8.06 | 2110 | 81 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 15:00 | 303.6253472 | Deploying | 2 | 17130 | 9.72 | 8.87 | 9.71 | 8.08 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 15:01 | 303.6256944 | Deploying | 2 | 17160 | 9.69 | 8.87 | 9.73 | 8.06 | 0 | 0 | 0 | -8 | -6 | -5 | -6 |
| 10/28/2016 15:01 | 303.6260417 | Deploying | 2 | 17190 | 9.72 | 8.87 | 9.75 | 8.06 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 15:02 | 303.6263889 | Deploying | 2 | 17220 | 9.72 | 8.87 | 9.77 | 8.05 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 15:02 | 303.6267245 | Winding down 2148 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:02 | 303.6267361 | Deploying | 2 | 17250 | 9.7 | 8.95 | 9.78 | 8.02 | 2099 | 1504 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 15:03 | 303.6270833 | Deploying | 2 | 17280 | 9.81 | 8.95 | 9.8 | 8.05 | 2099 | 46 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 15:03 | 303.6274306 | Deploying | 2 | 17310 | 9.78 | 8.95 | 9.82 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:04 | 303.6277778 | Deploying | 2 | 17340 | 9.8 | 8.95 | 9.83 | 8.08 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 15:04 | 303.6281250 | Deploying | 2 | 17370 | 9.78 | 8.95 | 9.85 | 8.03 | 0 | 0 | 0 | -4 | -5 | -5 | -5 |
| 10/28/2016 15:04 | 303.6281366 | Winding down 1726 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:05 | 303.6284722 | Deploying | 2 | 17400 | 9.85 | 9.02 | 9.87 | 8.06 | 1872 | 1462 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 15:05 | 303.6288194 | Deploying | 2 | 17430 | 9.81 | 9.02 | 9.88 | 8.05 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 15:05 | 303.6289699 | Winding down 2246 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:06 | 303.6291667 | Deploying | 2 | 17460 | 9.86 | 9.11 | 9.9 | 8.06 | 1965 | 1468 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 15:06 | 303.6295139 | Deploying | 2 | 17490 | 9.95 | 9.11 | 9.92 | 8.05 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 15:07 | 303.6298611 | Deploying | 2 | 17520 | 9.94 | 9.11 | 9.94 | 8.03 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 15:07 | 303.6302083 | Deploying | 2 | 17550 | 9.96 | 9.11 | 9.95 | 8.05 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 15:08 | 303.6305556 | Deploying | 2 | 17580 | 9.97 | 9.11 | 9.97 | 8.05 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 15:08 | 303.6309028 | Deploying | 2 | 17610 | 9.98 | 9.11 | 9.99 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:09 | 303.6312500 | Deploying | 2 | 17640 | 9.95 | 9.11 | 10 | 8.05 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 10/28/2016 15:09 | 303.6314468 | Winding down 2553 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:09 | 303.6315972 | Deploying | 2 | 17670 | 9.95 | 9.2 | 10.02 | 8.08 | 1907 | 1445 | 0 | -6 | -4 | -3 | -4 |
| 10/28/2016 15:10 | 303.6319444 | Deploying | 2 | 17700 | 10.02 | 9.2 | 10.04 | 8.05 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 10/28/2016 15:10 | 303.6322917 | Deploying | 2 | 17730 | 10.06 | 9.2 | 10.05 | 8.06 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 10/28/2016 15:11 | 303.6326389 | Deploying | 2 | 17760 | 10.04 | 9.2 | 10.07 | 8.06 | 0 | 0 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 15:11 | 303.6328588 | Winding down 1481 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:11 | 303.6329861 | Deploying | 2 | 17790 | 10.06 | 9.26 | 10.09 | 8.05 | 2157 | 1511 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 15:12 | 303.6333333 | Deploying | 2 | 17820 | 10.13 | 9.26 | 10.11 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:12 | 303.6336806 | Deploying | 2 | 17850 | 10.13 | 9.26 | 10.12 | 8.05 | 0 | 0 | 0 | -8 | -8 | -5 | -8 |
| 10/28/2016 15:13 | 303.6340278 | Deploying | 2 | 17880 | 10.11 | 9.26 | 10.14 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:13 | 303.6343750 | Deploying | 2 | 17910 | 10.17 | 9.26 | 10.16 | 8.08 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:14 | 303.6347222 | Deploying | 2 | 17940 | 10.13 | 9.26 | 10.17 | 8.05 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 15:14 | 303.6350694 | Deploying | 2 | 17970 | 10.14 | 9.26 | 10.19 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 15:14 | 303.6353009 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:15 | 303.6354167 | Deploying | 2 | 18000 | 10.15 | 9.32 | 10.21 | 8.06 | 2113 | 1471 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:15 | 303.6357639 | Deploying | 2 | 18030 | 10.19 | 9.32 | 10.22 | 8.05 | 0 | 0 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 15:16 | 303.6361111 | Deploying | 2 | 18060 | 10.2 | 9.32 | 10.24 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:16 | 303.6364583 | Deploying | 2 | 18090 | 10.19 | 9.32 | 10.26 | 8.05 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 15:16 | 303.6364583 | Winding down 1662 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:17 | 303.6368056 Deploying | 2 | 18120 | 10.25 | 9.38 | 10.28 | 8.03 | 1915 | 1449 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 15:17 | 303.6370949 Winding down 1541 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:17 | 303.6371528 Deploying | 2 | 18150 | 10.24 | 9.44 | 10.29 | 8.06 | 1886 | 1475 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:18 | 303.6375000 Deploying | 2 | 18180 | 10.31 | 9.44 | 10.31 | 8.03 | 0 | 0 | 0 | -6 | -5 | -5 | -5 |
| 10/28/2016 15:18 | 303.6378472 Deploying | 2 | 18210 | 10.31 | 9.44 | 10.33 | 7.98 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:19 | 303.6381944 Deploying | 2 | 18240 | 10.28 | 9.44 | 10.34 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:19 | 303.6385417 Deploying | 2 | 18270 | 10.33 | 9.44 | 10.36 | 8.02 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 15:19 | 303.6388426 Winding down 1430 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:20 | 303.6388889 Deploying | 2 | 18300 | 10.32 | 9.5 | 10.38 | 8.03 | 2042 | 1465 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 15:20 | 303.6392361 Deploying | 2 | 18330 | 10.36 | 9.5 | 10.39 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:21 | 303.6395833 Deploying | 2 | 18360 | 10.4 | 9.5 | 10.41 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:21 | 303.6399306 Deploying | 2 | 18390 | 10.4 | 9.5 | 10.43 | 8.03 | 0 | 0 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 15:21 | 303.6401505 Winding down 1381 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:22 | 303.6402778 Deploying | 2 | 18420 | 10.4 | 9.55 | 10.45 | 8.1 | 1917 | 1455 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 15:22 | 303.6406250 Deploying | 2 | 18450 | 10.44 | 9.55 | 10.46 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:23 | 303.6409722 Deploying | 2 | 18480 | 10.43 | 9.55 | 10.48 | 8.05 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 10/28/2016 15:23 | 303.6413194 Deploying | 2 | 18510 | 10.46 | 9.55 | 10.5 | 8.02 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:24 | 303.6416667 Deploying | 2 | 18540 | 10.46 | 9.55 | 10.51 | 8.05 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 15:24 | 303.6418287 Winding down 1335 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:24 | 303.6420139 Deploying | 2 | 18570 | 10.49 | 9.6 | 10.53 | 8.03 | 1899 | 1472 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:25 | 303.6423611 Deploying | 2 | 18600 | 10.5 | 9.6 | 10.55 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:25 | 303.6427083 Deploying | 2 | 18630 | 10.51 | 9.6 | 10.56 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:25 | 303.6427894 Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:26 | 303.6430556 Deploying | 2 | 18660 | 10.56 | 9.66 | 10.58 | 8.05 | 2018 | 1488 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 15:26 | 303.6434028 Deploying | 2 | 18690 | 10.58 | 9.66 | 10.6 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:27 | 303.6437500 Deploying | 2 | 18720 | 10.58 | 9.66 | 10.62 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:27 | 303.6440972 Deploying | 2 | 18750 | 10.58 | 9.66 | 10.63 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:27 | 303.6443171 Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:28 | 303.6444444 Deploying | 2 | 18780 | 10.61 | 9.73 | 10.65 | 8.02 | 1916 | 1459 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 15:28 | 303.6447917 Deploying | 2 | 18810 | 10.65 | 9.73 | 10.67 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:29 | 303.6451389 Deploying | 2 | 18840 | 10.65 | 9.73 | 10.68 | 8.05 | 0 | 0 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 15:29 | 303.6454861 Deploying | 2 | 18870 | 10.65 | 9.73 | 10.7 | 8.02 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:29 | 303.6457639 Winding down 1402 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:30 | 303.6458333 Deploying | 2 | 18900 | 10.67 | 9.78 | 10.72 | 8.05 | 1903 | 1454 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:30 | 303.6461806 Deploying | 2 | 18930 | 10.7 | 9.78 | 10.73 | 8.05 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 15:31 | 303.6465278 Deploying | 2 | 18960 | 10.7 | 9.78 | 10.75 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:31 | 303.6465856 Winding down 1408 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:31 | 303.6468750 Deploying | 2 | 18990 | 10.74 | 9.84 | 10.77 | 8.05 | 1869 | 1457 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 15:32 | 303.6472222 Deploying | 2 | 19020 | 10.75 | 9.84 | 10.79 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 15:32 | 303.6475694 Deploying | 2 | 19050 | 10.76 | 9.84 | 10.8 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:33 | 303.6479167 Deploying | 2 | 19080 | 10.77 | 9.84 | 10.82 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:33 | 303.6479514 Winding down 1430 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:33 | 303.6482639 Deploying | 2 | 19110 | 10.79 | 9.89 | 10.84 | 8.05 | 1886 | 1446 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 15:34 | 303.6486111 Deploying | 2 | 19140 | 10.79 | 9.89 | 10.85 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:34 | 303.6486343 Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:34 | 303.6489583 Deploying | 2 | 19170 | 10.86 | 9.95 | 10.87 | 8.03 | 2113 | 1495 | 0 | -8 | -8 | -6 | -8 |
| 10/28/2016 15:35 | 303.6493056 Deploying | 2 | 19200 | 10.85 | 9.95 | 10.89 | 8.05 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 15:35 | 303.6496528 Deploying | 2 | 19230 | 10.85 | 9.95 | 10.9 | 8.05 | 0 | 0 | 0 | -8 | -5 | -5 | -5 |
| 10/28/2016 15:36 | 303.6500000 Deploying | 2 | 19260 | 10.88 | 9.95 | 10.92 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:36 | 303.6501620 Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:36 | 303.6503472 Deploying | 2 | 19290 | 10.9 | 10.01 | 10.94 | 8.06 | 1896 | 1470 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 15:37 | 303.6506944 Deploying | 2 | 19320 | 10.93 | 10.01 | 10.96 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:37 | 303.6510417 Deploying | 2 | 19350 | 10.94 | 10.01 | 10.97 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:38 | 303.6513889 Deploying | 2 | 19380 | 10.95 | 10.01 | 10.99 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |

| Date/Time | Value | Status | State | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:38 | 303.6516782 | Winding down 2066 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:38 | 303.6517361 | Deploying | 2 | 19410 | 10.93 | 10.09 | 11.01 | 8.05 | 1898 | 1464 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 15:39 | 303.6520833 | Deploying | 2 | 19440 | 11 | 10.09 | 11.02 | 8.05 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 15:39 | 303.6524306 | Deploying | 2 | 19470 | 10.99 | 10.09 | 11.04 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:39 | 303.6525926 | Winding down 1410 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:40 | 303.6527778 | Deploying | 2 | 19500 | 11.05 | 10.14 | 11.06 | 8.06 | 1975 | 1474 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:40 | 303.6531250 | Deploying | 2 | 19530 | 11.08 | 10.14 | 11.07 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:41 | 303.6534722 | Deploying | 2 | 19560 | 11.08 | 10.14 | 11.09 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:41 | 303.6538194 | Deploying | 2 | 19590 | 11.07 | 10.14 | 11.11 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:42 | 303.6541667 | Deploying | 2 | 19620 | 11.08 | 10.14 | 11.13 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:42 | 303.6545139 | Deploying | 2 | 19650 | 11.07 | 10.14 | 11.14 | 8.06 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:42 | 303.6546296 | Winding down 1954 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:43 | 303.6548611 | Deploying | 2 | 19680 | 11.09 | 10.22 | 11.16 | 8.08 | 1902 | 1429 | 0 | -8 | -7 | -5 | -7 |
| 10/28/2016 15:43 | 303.6552083 | Deploying | 2 | 19710 | 11.16 | 10.22 | 11.18 | 8.05 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 15:43 | 303.6554167 | Winding down 1367 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:44 | 303.6555556 | Deploying | 2 | 19740 | 11.15 | 10.27 | 11.19 | 8.05 | 1902 | 1443 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 15:44 | 303.6559028 | Deploying | 2 | 19770 | 11.2 | 10.27 | 11.21 | 8.05 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 15:45 | 303.6562500 | Deploying | 2 | 19800 | 11.17 | 10.27 | 11.23 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:45 | 303.6565972 | Deploying | 2 | 19830 | 11.19 | 10.27 | 11.24 | 8.06 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:45 | 303.6566551 | Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:46 | 303.6569444 | Deploying | 2 | 19860 | 11.23 | 10.34 | 11.26 | 8.05 | 2139 | 1537 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 15:46 | 303.6572917 | Deploying | 2 | 19890 | 11.27 | 10.34 | 11.28 | 8.03 | 0 | 0 | 0 | -5 | -6 | -6 | -6 |
| 10/28/2016 15:47 | 303.6576389 | Deploying | 2 | 19920 | 11.27 | 10.34 | 11.3 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 15:47 | 303.6579861 | Deploying | 2 | 19950 | 11.28 | 10.34 | 11.31 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:47 | 303.6582176 | Winding down 2245 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:48 | 303.6583333 | Deploying | 2 | 19980 | 11.26 | 10.42 | 11.33 | 8 | 1915 | 1463 | 0 | -7 | -6 | -5 | -6 |
| 10/28/2016 15:48 | 303.6586806 | Deploying | 2 | 20010 | 11.34 | 10.42 | 11.35 | 8.05 | 0 | 0 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 15:49 | 303.6590278 | Deploying | 2 | 20040 | 11.33 | 10.42 | 11.36 | 8.03 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 15:49 | 303.6592940 | Winding down 1463 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:49 | 303.6593750 | Deploying | 2 | 20070 | 11.34 | 10.48 | 11.38 | 8.05 | 1906 | 1448 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 15:50 | 303.6597222 | Deploying | 2 | 20100 | 11.41 | 10.48 | 11.4 | 8.03 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:50 | 303.6600694 | Deploying | 2 | 20130 | 11.43 | 10.48 | 11.41 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:51 | 303.6604167 | Deploying | 2 | 20160 | 11.39 | 10.48 | 11.43 | 8.05 | 0 | 0 | 0 | -6 | -7 | -5 | -7 |
| 10/28/2016 15:51 | 303.6607639 | Deploying | 2 | 20190 | 11.42 | 10.48 | 11.45 | 8.05 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 15:52 | 303.6611111 | Deploying | 2 | 20220 | 11.43 | 10.48 | 11.47 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:52 | 303.6614583 | Deploying | 2 | 20250 | 11.42 | 10.48 | 11.48 | 8.05 | 0 | 0 | 0 | -6 | -6 | -6 | -6 |
| 10/28/2016 15:52 | 303.6615278 | Winding down 1697 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:53 | 303.6618056 | Deploying | 2 | 20280 | 11.49 | 10.54 | 11.5 | 8.06 | 1906 | 1443 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:53 | 303.6621528 | Deploying | 2 | 20310 | 11.5 | 10.54 | 11.52 | 8.03 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:54 | 303.6625000 | Deploying | 2 | 20340 | 11.51 | 10.54 | 11.53 | 8.05 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 15:54 | 303.6628472 | Deploying | 2 | 20370 | 11.49 | 10.54 | 11.55 | 8.05 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 15:54 | 303.6629051 | Winding down 1333 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:55 | 303.6631944 | Deploying | 2 | 20400 | 11.56 | 10.6 | 11.57 | 8.05 | 1917 | 1461 | 0 | -6 | -8 | -12 | -8 |
| 10/28/2016 15:55 | 303.6635417 | Deploying | 2 | 20430 | 11.54 | 10.6 | 11.58 | 8.03 | 0 | 0 | 0 | -11 | -15 | -13 | -15 |
| 10/28/2016 15:56 | 303.6638889 | Deploying | 2 | 20460 | 11.56 | 10.6 | 11.6 | 8.05 | 0 | 0 | 0 | -19 | -20 | -22 | -20 |
| 10/28/2016 15:56 | 303.6642361 | Deploying | 2 | 20490 | 11.56 | 10.6 | 11.62 | 8.02 | 0 | 0 | 0 | -27 | -27 | -22 | -27 |
| 10/28/2016 15:56 | 303.6644560 | Winding down 2056 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:57 | 303.6645833 | Deploying | 2 | 20520 | 11.57 | 10.67 | 11.64 | 8.05 | 1954 | 1461 | 8 | -13 | -15 | -25 | -15 |
| 10/28/2016 15:57 | 303.6645833 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/28/2016 15:57 | 303.6645833 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/28/2016 15:57 | 303.6646065 | Winding up 1449 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:57 | 303.6646296 | Winding up 2824 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:57 | 303.6646644 | Winding up 4774 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:57 | 303.6647222 | Winding up 7299 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:57 | 303.6648148 Winding up 9749 ticks | 3 | | | | | | | | |
| 10/28/2016 15:57 | 303.6649306 Rewinding | 5 | 20520 | 11.21 | 9.67 | 10.84 | 7.86 | 1110 | 827 |
| 10/28/2016 15:57 | 303.6649306 Winding up 9824 ticks | 3 | | | | | | | | |
| 10/28/2016 15:57 | 303.6650463 Winding up 7675 ticks | 3 | | | | | | | | |
| 10/28/2016 15:57 | 303.6651389 Winding up 5674 ticks | 3 | | | | | | | | |
| 10/28/2016 15:57 | 303.6652083 Winding up 4100 ticks | 3 | | | | | | | | |
| 10/28/2016 15:57 | 303.6652662 Winding up 2850 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6652778 Rewinding | 5 | 20520 | 10.17 | 8.51 | 10.09 | 7.98 | 1128 | 843 |
| 10/28/2016 15:58 | 303.6653009 Winding up 2075 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6653356 Winding up 1274 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6655208 Winding up 1425 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6655440 Winding up 1874 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6655671 Winding up 2224 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6656019 Winding up 2874 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6656250 Rewinding | 5 | 20520 | 9.45 | 8.06 | 9.34 | 7.59 | 1128 | 861 |
| 10/28/2016 15:58 | 303.6656366 Winding up 3524 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6656829 Winding up 4524 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6657407 Winding up 5474 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6658102 Winding up 5700 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6658796 Winding up 4824 ticks | 3 | | | | | | | | |
| 10/28/2016 15:58 | 303.6659375 Winding up 3924 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6659722 Rewinding | 5 | 20520 | 8.7 | 6.99 | 8.59 | 7.71 | 1127 | 836 |
| 10/28/2016 15:59 | 303.6659838 Winding up 3050 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6660301 Winding up 2174 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6660648 Winding up 1600 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6662269 Winding up 1274 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6662500 Winding up 1574 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6662731 Winding up 1875 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6662963 Winding up 2275 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6663194 Rewinding | 5 | 20520 | 7.93 | 6.46 | 7.84 | 7.71 | 1123 | 95 |
| 10/28/2016 15:59 | 303.6663310 Winding up 2875 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6663657 Winding up 3400 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6664120 Winding up 4050 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6664699 Winding up 4550 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6665278 Winding up 4324 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6665856 Winding up 3649 ticks | 3 | | | | | | | | |
| 10/28/2016 15:59 | 303.6666319 Winding up 3174 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6666667 Rewinding | 5 | 20520 | 7.17 | 5.47 | 7.09 | 7.84 | 1130 | 860 |
| 10/28/2016 16:00 | 303.6666782 Winding up 2474 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6667130 Winding up 1850 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6667361 Winding up 1499 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6668866 Winding up 1250 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6669097 Winding up 1500 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6669329 Winding up 1925 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6669560 Winding up 2200 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6669907 Winding up 2725 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6670139 Rewinding | 5 | 20520 | 6.45 | 4.88 | 6.34 | 7.81 | 1119 | 97 |
| 10/28/2016 16:00 | 303.6670255 Winding up 3425 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6670718 Winding up 4275 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6671296 Winding up 4950 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6671875 Winding up 5175 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6672569 Winding up 4350 ticks | 3 | | | | | | | | |
| 10/28/2016 16:00 | 303.6673148 Winding up 3400 ticks | 3 | | | | | | | | |
| 10/28/2016 16:01 | 303.6673611 Rewinding | 5 | 20520 | 5.67 | 3.9 | 5.59 | 7.78 | 1119 | 831 |

| Date/Time | Value | Event | Code | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:01 | 303.6673611 | Winding up 2475 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6673958 | Winding up 1875 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6674190 | Winding up 1525 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6676042 | Winding up 1375 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6676273 | Winding up 1750 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6676505 | Winding up 2125 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6676852 | Winding up 2650 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6677083 | Rewinding | 5 | 20520 | 4.95 | 3.38 | 4.84 | 7.62 | 1120 | 833 |
| 10/28/2016 16:01 | 303.6677199 | Winding up 3375 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6677662 | Winding up 4300 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6678241 | Winding up 5350 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6678935 | Winding up 5550 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6679630 | Winding up 4925 ticks | 3 | | | | | | | |
| 10/28/2016 16:01 | 303.6680208 | Winding up 3875 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | 303.6680556 | Rewinding | 5 | 20520 | 4.19 | 2.34 | 4.09 | 7.75 | 1123 | 867 |
| 10/28/2016 16:02 | 303.6680671 | Winding up 2750 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | 303.6681019 | Winding up 2025 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | 303.6681366 | Winding up 1425 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | 303.6683449 | Winding up 1300 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | 303.6683681 | Winding up 1975 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | 303.6684028 | Rewinding | 5 | 20520 | 3.44 | 1.98 | 3.34 | 7.79 | 1123 | 96 |
| 10/28/2016 16:02 | 303.6684028 | Winding up 2999 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | 303.6684491 | Winding up 4225 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | 303.6685069 | Winding up 5750 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | 303.6685764 | Winding up 6999 ticks | 3 | | | | | | | |
| 10/28/2016 16:02 | | Winding up 6875 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Rewinding | | 20520 | 2.8 | 0.97 | 2.59 | 7.7 | 1121 | 830 |
| 10/28/2016 16:03 | | Winding up 5799 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 4550 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 3300 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 2200 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 1450 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Rewinding | | 20520 | 1.84 | 0.31 | 1.84 | 7.94 | 1105 | 819 |
| 10/28/2016 16:03 | | Winding up 1325 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 1775 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 2325 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 3125 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 4175 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 5400 ticks | | | | | | | | |
| 10/28/2016 16:03 | | Winding up 6175 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Rewinding | | 20520 | 1.32 | -0.6 | 1.09 | 7.73 | 1121 | 816 |
| 10/28/2016 16:04 | | Winding up 5650 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 4275 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 3100 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 2775 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 2600 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 2475 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 2375 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 2300 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 2200 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 2125 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 2150 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Winding up 2200 ticks | | | | | | | | |
| 10/28/2016 16:04 | | Overcurrent (motor jam) condition detected | | | | | | | | |

| | |
|---|---|
| 10/28/2016 16:04 | State 5 (FINISHED) |
| 10/28/2016 16:51 | Manual stop |
| 10/28/2016 16:51 | State 1 (IDLE) |

DPS2-3

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:45 | 303.9479167 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/28/2016 22:45 | 303.9482639 | Deploying | 2 | 30 | 0.34 | 0 | 0.02 | 8.44 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/28/2016 22:46 | 303.9486111 | Deploying | 2 | 60 | 0.34 | 0 | 0.04 | 8.41 | 0 | 0 | 0 | 8 | 8 | 7 | 8 |
| 10/28/2016 22:46 | 303.9489583 | Deploying | 2 | 90 | 0.35 | 0 | 0.06 | 8.43 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 22:47 | 303.9493056 | Deploying | 2 | 120 | 0.34 | 0 | 0.08 | 8.44 | 0 | 0 | 0 | 6 | 7 | 8 | 7 |
| 10/28/2016 22:47 | 303.9496528 | Deploying | 2 | 150 | 0.34 | 0 | 0.09 | 8.46 | 0 | 0 | 0 | 8 | 8 | 7 | 8 |
| 10/28/2016 22:48 | 303.9500000 | Deploying | 2 | 180 | 0.34 | 0 | 0.11 | 8.44 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 22:48 | 303.9503472 | Deploying | 2 | 210 | 0.34 | 0 | 0.13 | 8.43 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 22:49 | 303.9506944 | Deploying | 2 | 240 | 0.34 | 0 | 0.14 | 8.41 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/28/2016 22:49 | 303.9510417 | Deploying | 2 | 270 | 0.34 | 0 | 0.16 | 8.41 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/28/2016 22:50 | 303.9513889 | Deploying | 2 | 300 | 0.34 | 0 | 0.18 | 8.46 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/28/2016 22:50 | 303.9517361 | Deploying | 2 | 330 | 0.34 | 0 | 0.19 | 8.44 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 22:51 | 303.9520833 | Deploying | 2 | 360 | 0.34 | 0 | 0.21 | 8.44 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/28/2016 22:51 | 303.9524306 | Deploying | 2 | 390 | 0.35 | 0 | 0.23 | 8.43 | 0 | 0 | 0 | 5 | 7 | 7 | 7 |
| 10/28/2016 22:52 | 303.9527778 | Deploying | 2 | 420 | 0.34 | 0 | 0.25 | 8.43 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 10/28/2016 22:52 | 303.9531250 | Deploying | 2 | 450 | 0.34 | 0 | 0.26 | 8.43 | 0 | 0 | 0 | 4 | 8 | 6 | 8 |
| 10/28/2016 22:53 | 303.9534722 | Deploying | 2 | 480 | 0.35 | 0 | 0.28 | 8.43 | 0 | 0 | 0 | 4 | 7 | 6 | 7 |
| 10/28/2016 22:53 | 303.9538194 | Deploying | 2 | 510 | 0.34 | 0 | 0.3 | 8.44 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/28/2016 22:54 | 303.9541667 | Deploying | 2 | 540 | 0.34 | 0 | 0.31 | 8.48 | 0 | 0 | 0 | 6 | 8 | 6 | 8 |
| 10/28/2016 22:54 | 303.9545139 | Deploying | 2 | 570 | 0.34 | 0 | 0.33 | 8.46 | 0 | 0 | 0 | 6 | 9 | 8 | 9 |
| 10/28/2016 22:55 | 303.9548611 | Deploying | 2 | 600 | 0.34 | 0 | 0.35 | 8.43 | 0 | 0 | 0 | 8 | 6 | 7 | 6 |
| 10/28/2016 22:55 | 303.9552083 | Deploying | 2 | 630 | 0.34 | 0 | 0.36 | 8.44 | 0 | 0 | 0 | 4 | 8 | 6 | 8 |
| 10/28/2016 22:56 | 303.9555556 | Deploying | 2 | 660 | 0.35 | 0 | 0.38 | 8.44 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/28/2016 22:56 | 303.9559028 | Deploying | 2 | 690 | 0.34 | 0 | 0.4 | 8.43 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/28/2016 22:56 | 303.9561111 | Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:57 | 303.9562500 | Deploying | 2 | 720 | 0.36 | 0.06 | 0.42 | 8.43 | 2002 | 1507 | 0 | 7 | 9 | 7 | 9 |
| 10/28/2016 22:57 | 303.9565972 | Deploying | 2 | 750 | 0.38 | 0.06 | 0.43 | 8.44 | 0 | 0 | 0 | 4 | 6 | 6 | 6 |
| 10/28/2016 22:57 | 303.9566667 | Winding down 1347 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:58 | 303.9569444 | Deploying | 2 | 780 | 0.42 | 0.11 | 0.45 | 8.48 | 2025 | 1495 | 0 | 5 | 8 | 6 | 8 |
| 10/28/2016 22:58 | 303.9572917 | Deploying | 2 | 810 | 0.43 | 0.11 | 0.47 | 8.46 | 0 | 0 | 0 | 5 | 6 | 7 | 6 |
| 10/28/2016 22:59 | 303.9576389 | Deploying | 2 | 840 | 0.43 | 0.11 | 0.48 | 8.43 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 22:59 | 303.9579051 | Winding down 1763 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:59 | 303.9579861 | Deploying | 2 | 870 | 0.44 | 0.17 | 0.5 | 8.43 | 2098 | 1502 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 23:00 | 303.9583333 | Deploying | 2 | 900 | 0.49 | 0.17 | 0.52 | 8.44 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 23:00 | 303.9586806 | Deploying | 2 | 930 | 0.49 | 0.17 | 0.53 | 8.44 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/28/2016 23:00 | 303.9588657 | Winding down 1314 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:01 | 303.9590278 | Deploying | 2 | 960 | 0.52 | 0.22 | 0.55 | 8.44 | 2001 | 1474 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:01 | 303.9593750 | Deploying | 2 | 990 | 0.54 | 0.22 | 0.57 | 8.44 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:02 | 303.9597222 | Deploying | 2 | 1020 | 0.55 | 0.22 | 0.59 | 8.46 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 23:02 | 303.9600694 | Deploying | 2 | 1050 | 0.55 | 0.22 | 0.6 | 8.41 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/28/2016 23:02 | 303.9602546 | Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:03 | 303.9604167 | Deploying | 2 | 1080 | 0.57 | 0.28 | 0.62 | 8.44 | 1986 | 1481 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 23:03 | 303.9607639 | Deploying | 2 | 1110 | 0.62 | 0.28 | 0.64 | 8.44 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 23:04 | 303.9611111 | Deploying | 2 | 1140 | 0.61 | 0.28 | 0.65 | 8.41 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:04 | 303.9614583 | Deploying | 2 | 1170 | 0.62 | 0.28 | 0.67 | 8.41 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 23:04 | 303.9616782 | Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:05 | 303.9618056 | Deploying | 2 | 1200 | 0.64 | 0.34 | 0.69 | 8.44 | 2052 | 1482 | 0 | 8 | 7 | 7 | 7 |
| 10/28/2016 23:05 | 303.9621528 | Deploying | 2 | 1230 | 0.67 | 0.34 | 0.7 | 8.44 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:06 | 303.9625000 | Deploying | 2 | 1260 | 0.68 | 0.34 | 0.72 | 8.44 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/28/2016 23:06 | 303.9627662 | Winding down 1463 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:06 | 303.9628472 | Deploying | 2 | 1290 | 0.69 | 0.4 | 0.74 | 8.4 | 1978 | 1463 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 23:07 | 303.9631944 | Deploying | 2 | 1320 | 0.73 | 0.4 | 0.76 | 8.4 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/28/2016 23:07 | 303.9635417 | Deploying | 2 | 1350 | 0.75 | 0.4 | 0.77 | 8.41 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 23:08 | 303.9638889 | Deploying | 2 | 1380 | 0.74 | 0.4 | 0.79 | 8.4 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:08 | 303.9641551 | Winding down 1613 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:08 | 303.9642361 | Deploying | 2 | 1410 | 0.75 | 0.46 | 0.81 | 8.41 | 1916 | 1472 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:09 | 303.9645833 | Deploying | 2 | 1440 | 0.8 | 0.46 | 0.82 | 8.43 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 23:09 | 303.9649306 | Deploying | 2 | 1470 | 0.81 | 0.46 | 0.84 | 8.4 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 23:10 | 303.9652778 | Deploying | 2 | 1500 | 0.8 | 0.46 | 0.86 | 8.44 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/28/2016 23:10 | 303.9653819 | Winding down 1740 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:10 | 303.9656250 | Deploying | 2 | 1530 | 0.8 | 0.52 | 0.87 | 8.4 | 1 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:10 | 303.9657523 | Winding down 1918 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:11 | 303.9659722 | Deploying | 2 | 1560 | 0.85 | 0.6 | 0.89 | 8.44 | 1946 | 1487 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:11 | 303.9663194 | Deploying | 2 | 1590 | 0.87 | 0.6 | 0.91 | 8.41 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 23:12 | 303.9666667 | Deploying | 2 | 1620 | 0.88 | 0.6 | 0.93 | 8.43 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 23:12 | 303.9668750 | Winding down 1517 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:12 | 303.9670139 | Deploying | 2 | 1650 | 0.9 | 0.65 | 0.94 | 8.43 | 2029 | 1458 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:13 | 303.9673611 | Deploying | 2 | 1680 | 0.94 | 0.65 | 0.96 | 8.43 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:13 | 303.9677083 | Deploying | 2 | 1710 | 0.94 | 0.65 | 0.98 | 8.41 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/28/2016 23:14 | 303.9680556 | Deploying | 2 | 1740 | 0.94 | 0.65 | 0.99 | 8.43 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/28/2016 23:14 | 303.9682523 | Winding down 1678 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:14 | 303.9684028 | Deploying | 2 | 1770 | 0.96 | 0.72 | 1.01 | 8.43 | 1926 | 1465 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:15 | 303.9687500 | Deploying | 2 | 1800 | 1 | 0.72 | 1.03 | 8.38 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:15 | 303.9690972 | Deploying | 2 | 1830 | 1 | 0.72 | 1.04 | 8.4 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 23:15 | 303.9693403 | Winding down 1660 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:16 | 303.9694444 | Deploying | 2 | 1860 | 1.02 | 0.78 | 1.06 | 8.41 | 1977 | 1492 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 23:16 | 303.9697917 | Deploying | 2 | 1890 | 1.07 | 0.78 | 1.08 | 8.41 | 0 | 0 | 0 | 10 | 9 | 8 | 9 |
| 10/28/2016 23:17 | 303.9701389 | Deploying | 2 | 1920 | 1.07 | 0.78 | 1.1 | 8.41 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/28/2016 23:17 | 303.9704861 | Deploying | 2 | 1950 | 1.07 | 0.78 | 1.11 | 8.43 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:18 | 303.9708333 | Deploying | 2 | 1980 | 1.07 | 0.78 | 1.13 | 8.41 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/28/2016 23:18 | 303.9709722 | Winding down 1807 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:18 | 303.9711806 | Deploying | 2 | 2010 | 1.12 | 0.85 | 1.15 | 8.4 | 1942 | 1455 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:19 | 303.9715278 | Deploying | 2 | 2040 | 1.13 | 0.85 | 1.16 | 8.4 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/28/2016 23:19 | 303.9718750 | Deploying | 2 | 2070 | 1.15 | 0.85 | 1.18 | 8.41 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/28/2016 23:20 | 303.9722222 | Deploying | 2 | 2100 | 1.14 | 0.85 | 1.2 | 8.38 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/28/2016 23:20 | 303.9723148 | Winding down 1675 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:20 | 303.9725694 | Deploying | 2 | 2130 | 1.18 | 0.91 | 1.21 | 8.38 | 2049 | 1470 | 0 | 6 | 7 | 7 | 7 |
| 10/28/2016 23:21 | 303.9729167 | Deploying | 2 | 2160 | 1.2 | 0.91 | 1.23 | 8.38 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 23:21 | 303.9732639 | Deploying | 2 | 2190 | 1.2 | 0.91 | 1.25 | 8.4 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/28/2016 23:21 | 303.9733333 | Winding down 1422 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:22 | 303.9736111 | Deploying | 2 | 2220 | 1.26 | 0.96 | 1.27 | 8.38 | 1977 | 1483 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:22 | 303.9739583 | Deploying | 2 | 2250 | 1.25 | 0.96 | 1.28 | 8.37 | 0 | 0 | 0 | 9 | 7 | 8 | 7 |
| 10/28/2016 23:23 | 303.9743056 | Deploying | 2 | 2280 | 1.26 | 0.96 | 1.3 | 8.4 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/28/2016 23:23 | 303.9746528 | Deploying | 2 | 2310 | 1.26 | 0.96 | 1.32 | 8.4 | 0 | 0 | 0 | 8 | 8 | 7 | 8 |
| 10/28/2016 23:23 | 303.9747106 | Winding down 1483 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:24 | 303.9750000 | Deploying | 2 | 2340 | 1.31 | 1.02 | 1.33 | 8.37 | 2080 | 1481 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:24 | 303.9753472 | Deploying | 2 | 2370 | 1.32 | 1.02 | 1.35 | 8.38 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/28/2016 23:25 | 303.9756944 | Deploying | 2 | 2400 | 1.32 | 1.02 | 1.37 | 8.4 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:25 | 303.9760417 | Deploying | 2 | 2430 | 1.32 | 1.02 | 1.38 | 8.4 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:25 | 303.9760417 | Winding down 1737 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:26 | 303.9763889 | Deploying | 2 | 2460 | 1.39 | 1.09 | 1.4 | 8.38 | 1944 | 1479 | 0 | 7 | 9 | 7 | 9 |
| 10/28/2016 23:26 | 303.9767361 | Deploying | 2 | 2490 | 1.39 | 1.09 | 1.42 | 8.4 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/28/2016 23:27 | 303.9770833 | Deploying | 2 | 2520 | 1.38 | 1.09 | 1.44 | 8.4 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/28/2016 23:27 | 303.9771759 | Winding down 1325 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:27 | 303.9774306 | Deploying | 2 | 2550 | 1.43 | 1.14 | 1.45 | 8.43 | 1926 | 1452 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:28 | 303.9777778 | Deploying | 2 | 2580 | 1.44 | 1.14 | 1.47 | 8.43 | 0 | 0 | 0 | 6 | 9 | 7 | 9 |
| 10/28/2016 23:28 | 303.9781250 | Deploying | 2 | 2610 | 1.44 | 1.14 | 1.49 | 8.4 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 23:28 | 303.9784491 | Winding down 1634 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:29 | 303.9784722 | Deploying | 2 | 2640 | 1.44 | 1.2 | 1.5 | 8.3 | 1918 | 1462 | 0 | 6 | 8 | 7 | 8 |
| 10/28/2016 23:29 | 303.9788194 | Deploying | 2 | 2670 | 1.5 | 1.2 | 1.52 | 8.4 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:30 | 303.9791667 | Deploying | 2 | 2700 | 1.5 | 1.2 | 1.54 | 8.4 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/28/2016 23:30 | 303.9794907 | Winding down 1584 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:30 | 303.9795139 | Deploying | 2 | 2730 | 1.49 | 1.26 | 1.55 | 8.32 | 2133 | 1528 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:31 | 303.9798611 | Deploying | 2 | 2760 | 1.56 | 1.26 | 1.57 | 8.38 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/28/2016 23:31 | 303.9802083 | Deploying | 2 | 2790 | 1.57 | 1.26 | 1.59 | 8.38 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:32 | 303.9805556 | Deploying | 2 | 2820 | 1.57 | 1.26 | 1.61 | 8.37 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:32 | 303.9809028 | Deploying | 2 | 2850 | 1.57 | 1.26 | 1.62 | 8.38 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:32 | 303.9811343 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:33 | 303.9812500 | Deploying | 2 | 2880 | 1.58 | 1.32 | 1.64 | 8.38 | 1901 | 1469 | 0 | 9 | 8 | 8 | 8 |
| 10/28/2016 23:33 | 303.9815972 | Deploying | 2 | 2910 | 1.63 | 1.32 | 1.66 | 8.38 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:34 | 303.9819444 | Deploying | 2 | 2940 | 1.64 | 1.32 | 1.67 | 8.38 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/28/2016 23:34 | 303.9822917 | Deploying | 2 | 2970 | 1.64 | 1.32 | 1.69 | 8.38 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:34 | 303.9824421 | Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:35 | 303.9826389 | Deploying | 2 | 3000 | 1.66 | 1.38 | 1.71 | 8.4 | 1958 | 1481 | 0 | 6 | 6 | 8 | 6 |
| 10/28/2016 23:35 | 303.9829861 | Deploying | 2 | 3030 | 1.69 | 1.38 | 1.72 | 8.38 | 0 | 0 | 0 | 6 | 11 | 8 | 11 |
| 10/28/2016 23:35 | 303.9832407 | Winding down 1374 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:36 | 303.9833333 | Deploying | 2 | 3060 | 1.7 | 1.43 | 1.74 | 8.41 | 1918 | 1468 | 0 | 7 | 10 | 8 | 10 |
| 10/28/2016 23:36 | 303.9836806 | Deploying | 2 | 3090 | 1.75 | 1.43 | 1.76 | 8.38 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:37 | 303.9840278 | Deploying | 2 | 3120 | 1.76 | 1.43 | 1.78 | 8.35 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:37 | 303.9843750 | Deploying | 2 | 3150 | 1.75 | 1.43 | 1.79 | 8.37 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/28/2016 23:38 | 303.9847222 | Deploying | 2 | 3180 | 1.76 | 1.43 | 1.81 | 8.38 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:38 | 303.9847569 | Winding down 1330 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:38 | 303.9850694 | Deploying | 2 | 3210 | 1.8 | 1.48 | 1.83 | 8.4 | 1959 | 1469 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:39 | 303.9854167 | Deploying | 2 | 3240 | 1.79 | 1.48 | 1.84 | 8.38 | 0 | 0 | 0 | 6 | 6 | 7 | 6 |
| 10/28/2016 23:39 | 303.9857523 | Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:39 | 303.9857639 | Deploying | 2 | 3270 | 1.79 | 1.54 | 1.86 | 8.38 | 1931 | 1458 | 0 | 6 | 9 | 7 | 9 |
| 10/28/2016 23:40 | 303.9861111 | Deploying | 2 | 3300 | 1.86 | 1.54 | 1.88 | 8.38 | 1931 | 141 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:40 | 303.9864583 | Deploying | 2 | 3330 | 1.86 | 1.54 | 1.89 | 8.38 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/28/2016 23:41 | 303.9868056 | Deploying | 2 | 3360 | 1.86 | 1.54 | 1.91 | 8.35 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/28/2016 23:41 | 303.9869444 | Winding down 1657 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:41 | 303.9871528 | Deploying | 2 | 3390 | 1.91 | 1.61 | 1.93 | 8.38 | 2086 | 1505 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:42 | 303.9875000 | Deploying | 2 | 3420 | 1.93 | 1.61 | 1.95 | 8.4 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/28/2016 23:42 | 303.9878472 | Deploying | 2 | 3450 | 1.93 | 1.61 | 1.96 | 8.38 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/28/2016 23:43 | 303.9881944 | Deploying | 2 | 3480 | 1.93 | 1.61 | 1.98 | 8.4 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:43 | 303.9885185 | Winding down 1634 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9885417 | Deploying | 2 | 3510 | 1.93 | 1.67 | 2 | 8.3 | 1943 | 1469 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:44 | 303.9888889 | Deploying | 2 | 3540 | 1.98 | 1.67 | 2.01 | 8.4 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/28/2016 23:44 | 303.9892361 | Deploying | 2 | 3570 | 1.99 | 1.67 | 2.03 | 8.38 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/28/2016 23:45 | 303.9895833 | Deploying | 2 | 3600 | 2 | 1.67 | 2.05 | 8.38 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:45 | 303.9896991 | Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:45 | 303.9899306 | Deploying | 2 | 3630 | 2.03 | 1.72 | 2.06 | 8.4 | 1947 | 1454 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:46 | 303.9902778 | Deploying | 2 | 3660 | 2.05 | 1.72 | 2.08 | 8.38 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/28/2016 23:46 | 303.9906250 | Deploying | 2 | 3690 | 2.06 | 1.72 | 2.1 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/28/2016 23:47 | 303.9909722 | Deploying | 2 | 3720 | 2.06 | 1.72 | 2.12 | 8.35 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:47 | 303.9911343 | Winding down 1835 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:47 | 303.9913194 | Deploying | 2 | 3750 | 2.09 | 1.79 | 2.13 | 8.38 | 1923 | 1488 | 0 | 5 | 8 | 7 | 8 |
| 10/28/2016 23:48 | 303.9916667 | Deploying | 2 | 3780 | 2.13 | 1.79 | 2.15 | 8.4 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/28/2016 23:48 | 303.9920139 | Deploying | 2 | 3810 | 2.13 | 1.79 | 2.17 | 8.4 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:49 | 303.9923611 | Deploying | 2 | 3840 | 2.13 | 1.79 | 2.18 | 8.35 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 10/28/2016 23:49 | 303.9923958 | Winding down 1430 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:49 | 303.9927083 | Deploying | 2 | 3870 | 2.19 | 1.85 | 2.2 | 8.35 | 1950 | 1477 | 0 | 6 | 8 | 7 | 8 |

| Date/Time | Value | Status | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 23:50 | 303.9930556 | Deploying | 2 | 3900 | 2.18 | 1.85 | 2.22 | 8.37 | 0 | 0 | 0 | 5 | 8 | 7 | 8 |
| 10/28/2016 23:50 | 303.9934028 | Deploying | 2 | 3930 | 2.18 | 1.85 | 2.23 | 8.35 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/28/2016 23:50 | 303.9936806 | Winding down 1427 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:51 | 303.9937500 | Deploying | 2 | 3960 | 2.21 | 1.9 | 2.25 | 8.4 | 1998 | 1450 | 0 | 6 | 8 | 6 | 8 |
| 10/28/2016 23:51 | 303.9940972 | Deploying | 2 | 3990 | 2.24 | 1.9 | 2.27 | 8.4 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:52 | 303.9944444 | Deploying | 2 | 4020 | 2.24 | 1.9 | 2.29 | 8.37 | 0 | 0 | 0 | 6 | 9 | 7 | 9 |
| 10/28/2016 23:52 | 303.9947917 | Deploying | 2 | 4050 | 2.24 | 1.9 | 2.3 | 8.4 | 0 | 0 | 0 | 6 | 8 | 6 | 8 |
| 10/28/2016 23:52 | 303.9948495 | Winding down 1508 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:53 | 303.9951389 | Deploying | 2 | 4080 | 2.29 | 1.96 | 2.32 | 8.4 | 1944 | 1471 | 0 | 6 | 8 | 6 | 8 |
| 10/28/2016 23:53 | 303.9954861 | Deploying | 2 | 4110 | 2.3 | 1.96 | 2.34 | 8.38 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/28/2016 23:54 | 303.9958333 | Deploying | 2 | 4140 | 2.3 | 1.96 | 2.35 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/28/2016 23:54 | 303.9960069 | Winding down 1600 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:54 | 303.9961806 | Deploying | 2 | 4170 | 2.34 | 2.02 | 2.37 | 8.38 | 1901 | 1442 | 0 | 8 | 7 | 6 | 7 |
| 10/28/2016 23:55 | 303.9965278 | Deploying | 2 | 4200 | 2.37 | 2.02 | 2.39 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/28/2016 23:55 | 303.9968750 | Deploying | 2 | 4230 | 2.37 | 2.02 | 2.4 | 8.37 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:56 | 303.9972222 | Deploying | 2 | 4260 | 2.37 | 2.02 | 2.42 | 8.38 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/28/2016 23:56 | 303.9973611 | Winding down 1507 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:56 | 303.9975694 | Deploying | 2 | 4290 | 2.4 | 2.08 | 2.44 | 8.38 | 2090 | 1502 | 0 | 5 | 8 | 6 | 8 |
| 10/28/2016 23:57 | 303.9979167 | Deploying | 2 | 4320 | 2.43 | 2.08 | 2.46 | 8.38 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/28/2016 23:57 | 303.9982639 | Deploying | 2 | 4350 | 2.43 | 2.08 | 2.47 | 8.37 | 0 | 0 | 0 | 8 | 6 | 6 | 6 |
| 10/28/2016 23:58 | 303.9986111 | Deploying | 2 | 4380 | 2.43 | 2.08 | 2.49 | 8.37 | 0 | 0 | 0 | 6 | 8 | 6 | 8 |
| 10/28/2016 23:58 | 303.9986921 | Winding down 1686 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:58 | 303.9989583 | Deploying | 2 | 4410 | 2.48 | 2.14 | 2.51 | 8.41 | 1897 | 1427 | 0 | 6 | 6 | 6 | 6 |
| 10/28/2016 23:59 | 303.9993056 | Deploying | 2 | 4440 | 2.49 | 2.14 | 2.52 | 8.37 | 0 | 0 | 0 | 6 | 5 | 7 | 5 |
| 10/28/2016 23:59 | 303.9996528 | Deploying | 2 | 4470 | 2.49 | 2.14 | 2.54 | 8.4 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/28/2016 23:59 | 303.9996644 | Winding down 1376 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:00 | 304.0000000 | Deploying | 2 | 4500 | 2.55 | 2.19 | 2.56 | 8.4 | 1932 | 1441 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:00 | 304.0003472 | Deploying | 2 | 4530 | 2.55 | 2.19 | 2.57 | 8.4 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:01 | 304.0006944 | Deploying | 2 | 4560 | 2.54 | 2.19 | 2.59 | 8.37 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:01 | 304.0010417 | Deploying | 2 | 4590 | 2.55 | 2.19 | 2.61 | 8.38 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:01 | 304.0010880 | Winding down 1694 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:02 | 304.0013889 | Deploying | 2 | 4620 | 2.6 | 2.26 | 2.63 | 8.4 | 1932 | 1433 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 0:02 | 304.0017361 | Deploying | 2 | 4650 | 2.62 | 2.26 | 2.64 | 8.38 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:03 | 304.0020833 | Deploying | 2 | 4680 | 2.61 | 2.26 | 2.66 | 8.41 | 0 | 0 | 0 | 7 | 5 | 6 | 5 |
| 10/29/2016 0:03 | 304.0024306 | Deploying | 2 | 4710 | 2.62 | 2.26 | 2.68 | 8.35 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:03 | 304.0024884 | Winding down 1658 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:04 | 304.0027778 | Deploying | 2 | 4740 | 2.67 | 2.32 | 2.69 | 8.4 | 1908 | 1451 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:04 | 304.0031250 | Deploying | 2 | 4770 | 2.68 | 2.32 | 2.71 | 8.37 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 0:05 | 304.0034722 | Deploying | 2 | 4800 | 2.68 | 2.32 | 2.73 | 8.37 | 0 | 0 | 0 | 6 | 9 | 7 | 9 |
| 10/29/2016 0:05 | 304.0037731 | Winding down 1780 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:05 | 304.0038194 | Deploying | 2 | 4830 | 2.67 | 2.39 | 2.74 | 8.37 | 2077 | 1474 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:06 | 304.0041667 | Deploying | 2 | 4860 | 2.75 | 2.39 | 2.76 | 8.38 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:06 | 304.0045139 | Deploying | 2 | 4890 | 2.75 | 2.39 | 2.78 | 8.37 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 0:07 | 304.0048611 | Deploying | 2 | 4920 | 2.75 | 2.39 | 2.8 | 8.37 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 0:07 | 304.0050463 | Winding down 1489 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:07 | 304.0052083 | Deploying | 2 | 4950 | 2.77 | 2.44 | 2.81 | 8.35 | 2156 | 1490 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:08 | 304.0055556 | Deploying | 2 | 4980 | 2.8 | 2.44 | 2.83 | 8.37 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:08 | 304.0059028 | Deploying | 2 | 5010 | 2.79 | 2.44 | 2.85 | 8.37 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:08 | 304.0061111 | Winding down 1517 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:09 | 304.0062500 | Deploying | 2 | 5040 | 2.82 | 2.5 | 2.86 | 8.38 | 2166 | 1501 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 0:09 | 304.0065972 | Deploying | 2 | 5070 | 2.85 | 2.5 | 2.88 | 8.38 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:10 | 304.0069444 | Deploying | 2 | 5100 | 2.85 | 2.5 | 2.9 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:10 | 304.0072917 | Deploying | 2 | 5130 | 2.86 | 2.5 | 2.91 | 8.35 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 0:10 | 304.0073843 | Winding down 1550 ticks | 3 | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 0:11 | 304.0076389 | Deploying | 2 | 5160 | 2.9 | 2.56 | 2.93 | 8.38 | 1960 | 1454 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:11 | 304.0079861 | Deploying | 2 | 5190 | 2.92 | 2.56 | 2.95 | 8.35 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 0:12 | 304.0083333 | Deploying | 2 | 5220 | 2.91 | 2.56 | 2.97 | 8.37 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:12 | 304.0083912 | Winding down 1358 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:12 | 304.0086806 | Deploying | 2 | 5250 | 2.96 | 2.61 | 2.98 | 8.35 | 1908 | 1446 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:13 | 304.0090278 | Deploying | 2 | 5280 | 2.96 | 2.61 | 3 | 8.35 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:13 | 304.0093750 | Deploying | 2 | 5310 | 2.97 | 2.61 | 3.02 | 8.35 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 0:14 | 304.0097222 | Deploying | 2 | 5340 | 2.97 | 2.61 | 3.03 | 8.37 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:14 | 304.0097801 | Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:14 | 304.0100694 | Deploying | 2 | 5370 | 3.02 | 2.67 | 3.05 | 8.33 | 1934 | 1463 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:15 | 304.0104167 | Deploying | 2 | 5400 | 3.03 | 2.67 | 3.07 | 8.37 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:15 | 304.0107639 | Deploying | 2 | 5430 | 3.04 | 2.67 | 3.08 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:16 | 304.0111111 | Deploying | 2 | 5460 | 3.04 | 2.67 | 3.1 | 8.37 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 0:16 | 304.0111921 | Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:16 | 304.0114583 | Deploying | 2 | 5490 | 3.09 | 2.74 | 3.12 | 8.35 | 2080 | 1493 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:17 | 304.0118056 | Deploying | 2 | 5520 | 3.1 | 2.74 | 3.14 | 8.35 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:17 | 304.0121528 | Deploying | 2 | 5550 | 3.1 | 2.74 | 3.15 | 8.33 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:17 | 304.0123611 | Winding down 1367 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:18 | 304.0125000 | Deploying | 2 | 5580 | 3.13 | 2.79 | 3.17 | 8.38 | 1907 | 1435 | 0 | 7 | 5 | 6 | 5 |
| 10/29/2016 0:18 | 304.0128472 | Deploying | 2 | 5610 | 3.15 | 2.79 | 3.19 | 8.35 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:19 | 304.0131944 | Deploying | 2 | 5640 | 3.16 | 2.79 | 3.2 | 8.38 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:19 | 304.0135417 | Deploying | 2 | 5670 | 3.15 | 2.79 | 3.22 | 8.33 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:19 | 304.0135417 | Winding down 1812 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:20 | 304.0138889 | Deploying | 2 | 5700 | 3.23 | 2.86 | 3.24 | 8.4 | 1906 | 1443 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:20 | 304.0142361 | Deploying | 2 | 5730 | 3.23 | 2.86 | 3.25 | 8.35 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:21 | 304.0145833 | Deploying | 2 | 5760 | 3.22 | 2.86 | 3.27 | 8.35 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:21 | 304.0149306 | Deploying | 2 | 5790 | 3.23 | 2.86 | 3.29 | 8.38 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:21 | 304.0149653 | Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:22 | 304.0152778 | Deploying | 2 | 5820 | 3.28 | 2.91 | 3.31 | 8.35 | 2129 | 1499 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:22 | 304.0156250 | Deploying | 2 | 5850 | 3.29 | 2.91 | 3.32 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:23 | 304.0159722 | Deploying | 2 | 5880 | 3.29 | 2.91 | 3.34 | 8.37 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 0:23 | 304.0162731 | Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:23 | 304.0163194 | Deploying | 2 | 5910 | 3.3 | 2.97 | 3.36 | 8.35 | 1957 | 1485 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 0:24 | 304.0166667 | Deploying | 2 | 5940 | 3.35 | 2.97 | 3.37 | 8.35 | 0 | 0 | 0 | 4 | 8 | 6 | 8 |
| 10/29/2016 0:24 | 304.0170139 | Deploying | 2 | 5970 | 3.35 | 2.97 | 3.39 | 8.37 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:25 | 304.0173611 | Deploying | 2 | 6000 | 3.35 | 2.97 | 3.41 | 8.38 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:25 | 304.0175116 | Winding down 1646 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:25 | 304.0177083 | Deploying | 2 | 6030 | 3.38 | 3.04 | 3.42 | 8.37 | 1967 | 1431 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:26 | 304.0180556 | Deploying | 2 | 6060 | 3.42 | 3.04 | 3.44 | 8.35 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:26 | 304.0184028 | Deploying | 2 | 6090 | 3.42 | 3.04 | 3.46 | 8.41 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:27 | 304.0187500 | Deploying | 2 | 6120 | 3.41 | 3.04 | 3.48 | 8.37 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 0:27 | 304.0188426 | Winding down 1950 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:27 | 304.0190972 | Deploying | 2 | 6150 | 3.46 | 3.11 | 3.49 | 8.38 | 1955 | 1439 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:28 | 304.0194444 | Deploying | 2 | 6180 | 3.48 | 3.11 | 3.51 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 0:28 | 304.0197917 | Deploying | 2 | 6210 | 3.48 | 3.11 | 3.53 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 0:28 | 304.0200000 | Winding down 1367 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:29 | 304.0201389 | Deploying | 2 | 6240 | 3.51 | 3.16 | 3.54 | 8.35 | 2112 | 1497 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 0:29 | 304.0204861 | Deploying | 2 | 6270 | 3.54 | 3.16 | 3.56 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 0:30 | 304.0208333 | Deploying | 2 | 6300 | 3.54 | 3.16 | 3.58 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:30 | 304.0211806 | Deploying | 2 | 6330 | 3.54 | 3.16 | 3.59 | 8.37 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 0:30 | 304.0214815 | Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:31 | 304.0215278 | Deploying | 2 | 6360 | 3.55 | 3.23 | 3.61 | 8.38 | 2064 | 1446 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 0:31 | 304.0218750 | Deploying | 2 | 6390 | 3.62 | 3.23 | 3.63 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 0:32 | 304.0222222 | Deploying | 2 | 6420 | 3.6 | 3.23 | 3.65 | 8.37 | 0 | 0 | 0 | 4 | 7 | 5 | 7 |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 0:32 | 304.0225694 | Deploying | 2 | 6450 | 3.61 | 3.23 | 3.66 | 8.35 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 0:32 | 304.0227083 | Winding down 1457 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:33 | 304.0229167 | Deploying | 2 | 6480 | 3.64 | 3.28 | 3.68 | 8.37 | 1896 | 1459 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 0:33 | 304.0232639 | Deploying | 2 | 6510 | 3.66 | 3.28 | 3.7 | 8.33 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:34 | 304.0236111 | Deploying | 2 | 6540 | 3.67 | 3.28 | 3.71 | 8.35 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 0:34 | 304.0239583 | Deploying | 2 | 6570 | 3.67 | 3.28 | 3.73 | 8.35 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:34 | 304.0240046 | Winding down 1519 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:35 | 304.0243056 | Deploying | 2 | 6600 | 3.72 | 3.34 | 3.75 | 8.35 | 2114 | 1476 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:35 | 304.0246528 | Deploying | 2 | 6630 | 3.72 | 3.34 | 3.76 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:36 | 304.0250000 | Deploying | 2 | 6660 | 3.72 | 3.34 | 3.78 | 8.35 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:36 | 304.0250579 | Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:36 | 304.0253472 | Deploying | 2 | 6690 | 3.77 | 3.4 | 3.8 | 8.35 | 2147 | 1490 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:37 | 304.0256944 | Deploying | 2 | 6720 | 3.78 | 3.4 | 3.82 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 0:37 | 304.0260417 | Deploying | 2 | 6750 | 3.78 | 3.4 | 3.83 | 8.37 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:37 | 304.0262153 | Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:38 | 304.0263889 | Deploying | 2 | 6780 | 3.82 | 3.46 | 3.85 | 8.33 | 2040 | 1469 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:38 | 304.0267361 | Deploying | 2 | 6810 | 3.87 | 3.46 | 3.87 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 0:39 | 304.0270833 | Deploying | 2 | 6840 | 3.86 | 3.46 | 3.88 | 8.35 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:39 | 304.0274306 | Deploying | 2 | 6870 | 3.86 | 3.46 | 3.9 | 8.35 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 0:40 | 304.0277778 | Deploying | 2 | 6900 | 3.85 | 3.46 | 3.92 | 8.32 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 0:40 | 304.0278819 | Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:40 | 304.0281250 | Deploying | 2 | 6930 | 3.9 | 3.53 | 3.93 | 8.33 | 2083 | 1476 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 0:41 | 304.0284722 | Deploying | 2 | 6960 | 3.91 | 3.53 | 3.95 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 0:41 | 304.0288194 | Deploying | 2 | 6990 | 3.91 | 3.53 | 3.97 | 8.32 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:41 | 304.0288889 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:42 | 304.0291667 | Deploying | 2 | 7020 | 3.97 | 3.59 | 3.99 | 8.35 | 1927 | 1450 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:42 | 304.0295139 | Deploying | 2 | 7050 | 3.99 | 3.59 | 4 | 8.35 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:43 | 304.0298611 | Deploying | 2 | 7080 | 3.99 | 3.59 | 4.02 | 8.35 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 0:43 | 304.0302083 | Deploying | 2 | 7110 | 3.99 | 3.59 | 4.04 | 8.33 | 0 | 0 | 0 | 4 | 5 | 5 | 5 |
| 10/29/2016 0:43 | 304.0303819 | Winding down 1375 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:44 | 304.0305556 | Deploying | 2 | 7140 | 4.02 | 3.64 | 4.05 | 8.35 | 2075 | 1465 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 0:44 | 304.0309028 | Deploying | 2 | 7170 | 4.04 | 3.64 | 4.07 | 8.35 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:45 | 304.0312500 | Deploying | 2 | 7200 | 4.03 | 3.64 | 4.09 | 8.32 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 0:45 | 304.0314236 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:45 | 304.0315972 | Deploying | 2 | 7230 | 4.06 | 3.7 | 4.1 | 8.32 | 2096 | 1467 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:46 | 304.0319444 | Deploying | 2 | 7260 | 4.1 | 3.7 | 4.12 | 8.33 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 0:46 | 304.0322917 | Deploying | 2 | 7290 | 4.09 | 3.7 | 4.14 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:46 | 304.0324769 | Winding down 1414 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:47 | 304.0326389 | Deploying | 2 | 7320 | 4.12 | 3.76 | 4.16 | 8.35 | 2029 | 1465 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 0:47 | 304.0329861 | Deploying | 2 | 7350 | 4.16 | 3.76 | 4.17 | 8.32 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:48 | 304.0333333 | Deploying | 2 | 7380 | 4.15 | 3.76 | 4.19 | 8.38 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:48 | 304.0336806 | Deploying | 2 | 7410 | 4.15 | 3.76 | 4.21 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:48 | 304.0337963 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:49 | 304.0340278 | Deploying | 2 | 7440 | 4.2 | 3.82 | 4.22 | 8.32 | 1973 | 1475 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:49 | 304.0343750 | Deploying | 2 | 7470 | 4.22 | 3.82 | 4.24 | 8.35 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:50 | 304.0347222 | Deploying | 2 | 7500 | 4.21 | 3.82 | 4.26 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 0:50 | 304.0350694 | Deploying | 2 | 7530 | 4.22 | 3.82 | 4.27 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 0:50 | 304.0351968 | Winding down 1643 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:51 | 304.0354167 | Deploying | 2 | 7560 | 4.25 | 3.88 | 4.29 | 8.33 | 2081 | 1498 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:51 | 304.0357639 | Deploying | 2 | 7590 | 4.27 | 3.88 | 4.31 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:52 | 304.0361111 | Deploying | 2 | 7620 | 4.28 | 3.88 | 4.33 | 8.35 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:52 | 304.0363657 | Winding down 1774 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:52 | 304.0364583 | Deploying | 2 | 7650 | 4.29 | 3.95 | 4.34 | 8.32 | 2074 | 1466 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 0:53 | 304.0368056 | Deploying | 2 | 7680 | 4.35 | 3.95 | 4.36 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 0:53 | 304.0371528 | Deploying | 2 | 7710 | 4.36 | 3.95 | 4.38 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 0:54 | 304.0375000 | Deploying | 2 | 7740 | 4.36 | 3.95 | 4.39 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 0:54 | 304.0378472 | Deploying | 2 | 7770 | 4.36 | 3.95 | 4.41 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 0:54 | 304.0380903 | Winding down 1835 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:55 | 304.0381944 | Deploying | 2 | 7800 | 4.37 | 4.02 | 4.43 | 8.3 | 1901 | 1441 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 0:55 | 304.0385417 | Deploying | 2 | 7830 | 4.43 | 4.02 | 4.44 | 8.32 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 0:56 | 304.0388889 | Deploying | 2 | 7860 | 4.43 | 4.02 | 4.46 | 8.32 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 0:56 | 304.0392361 | Deploying | 2 | 7890 | 4.43 | 4.02 | 4.48 | 8.33 | 0 | 0 | 0 | 4 | 7 | 5 | 7 |
| 10/29/2016 0:56 | 304.0394792 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:57 | 304.0395833 | Deploying | 2 | 7920 | 4.44 | 4.08 | 4.5 | 8.33 | 2109 | 1476 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:57 | 304.0399306 | Deploying | 2 | 7950 | 4.49 | 4.08 | 4.51 | 8.3 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 0:58 | 304.0402778 | Deploying | 2 | 7980 | 4.49 | 4.08 | 4.53 | 8.33 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:58 | 304.0406250 | Deploying | 2 | 8010 | 4.48 | 4.08 | 4.55 | 8.32 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:58 | 304.0406366 | Winding down 1701 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:59 | 304.0409722 | Deploying | 2 | 8040 | 4.55 | 4.14 | 4.56 | 8.33 | 2151 | 1507 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:59 | 304.0413194 | Deploying | 2 | 8070 | 4.56 | 4.14 | 4.58 | 8.33 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:00 | 304.0416667 | Deploying | 2 | 8100 | 4.56 | 4.14 | 4.6 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:00 | 304.0420139 | Deploying | 2 | 8130 | 4.57 | 4.14 | 4.61 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:00 | 304.0422801 | Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:01 | 304.0423611 | Deploying | 2 | 8160 | 4.57 | 4.21 | 4.63 | 8.32 | 2048 | 1475 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:01 | 304.0427083 | Deploying | 2 | 8190 | 4.62 | 4.21 | 4.65 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:02 | 304.0430556 | Deploying | 2 | 8220 | 4.63 | 4.21 | 4.67 | 8.32 | 0 | 0 | 0 | 3 | 8 | 5 | 8 |
| 10/29/2016 1:02 | 304.0434028 | Deploying | 2 | 8250 | 4.63 | 4.21 | 4.68 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:02 | 304.0434722 | Winding down 1572 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:03 | 304.0437500 | Deploying | 2 | 8280 | 4.66 | 4.27 | 4.7 | 8.3 | 1944 | 1452 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 1:03 | 304.0440972 | Deploying | 2 | 8310 | 4.7 | 4.27 | 4.72 | 8.3 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 1:04 | 304.0444444 | Deploying | 2 | 8340 | 4.69 | 4.27 | 4.73 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:04 | 304.0447454 | Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:04 | 304.0447917 | Deploying | 2 | 8370 | 4.69 | 4.33 | 4.75 | 8.35 | 1906 | 1448 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:05 | 304.0451389 | Deploying | 2 | 8400 | 4.75 | 4.33 | 4.77 | 8.32 | 0 | 0 | 0 | 7 | 5 | 5 | 5 |
| 10/29/2016 1:05 | 304.0454861 | Deploying | 2 | 8430 | 4.75 | 4.33 | 4.78 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:06 | 304.0458333 | Deploying | 2 | 8460 | 4.75 | 4.33 | 4.8 | 8.32 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 1:06 | 304.0460301 | Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:06 | 304.0461806 | Deploying | 2 | 8490 | 4.77 | 4.39 | 4.82 | 8.32 | 1869 | 1473 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:07 | 304.0465278 | Deploying | 2 | 8520 | 4.81 | 4.39 | 4.84 | 8.32 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:07 | 304.0468750 | Deploying | 2 | 8550 | 4.81 | 4.39 | 4.85 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:08 | 304.0472222 | Deploying | 2 | 8580 | 4.81 | 4.39 | 4.87 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:08 | 304.0473727 | Winding down 1871 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:08 | 304.0475694 | Deploying | 2 | 8610 | 4.85 | 4.47 | 4.89 | 8.32 | 1912 | 1435 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:09 | 304.0479167 | Deploying | 2 | 8640 | 4.88 | 4.47 | 4.9 | 8.3 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:09 | 304.0482639 | Deploying | 2 | 8670 | 4.88 | 4.47 | 4.92 | 8.32 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:10 | 304.0486111 | Deploying | 2 | 8700 | 4.88 | 4.47 | 4.94 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:10 | 304.0487847 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:10 | 304.0489583 | Deploying | 2 | 8730 | 4.91 | 4.53 | 4.95 | 8.32 | 2061 | 1492 | 0 | 7 | 7 | 6 | 7 |
| 10/29/2016 1:11 | 304.0493056 | Deploying | 2 | 8760 | 4.94 | 4.53 | 4.97 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:11 | 304.0496528 | Deploying | 2 | 8790 | 4.94 | 4.53 | 4.99 | 8.33 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 1:11 | 304.0497569 | Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:12 | 304.0500000 | Deploying | 2 | 8820 | 4.97 | 4.58 | 5.01 | 8.3 | 1902 | 1452 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:12 | 304.0503472 | Deploying | 2 | 8850 | 5.01 | 4.58 | 5.02 | 8.3 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:13 | 304.0506944 | Deploying | 2 | 8880 | 5.01 | 4.58 | 5.04 | 8.3 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:13 | 304.0510417 | Deploying | 2 | 8910 | 5 | 4.58 | 5.06 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:13 | 304.0511458 | Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:14 | 304.0513889 | Deploying | 2 | 8940 | 5.03 | 4.65 | 5.07 | 8.3 | 1925 | 1461 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:14 | 304.0517361 | Deploying | 2 | 8970 | 5.06 | 4.65 | 5.09 | 8.3 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 1:15 | 304.0520833 | Deploying | 2 | 9000 | 5.06 | 4.65 | 5.11 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:15 | 304.0524306 | Deploying | 2 | 9030 | 5.07 | 4.65 | 5.12 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:15 | 304.0525810 | Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:16 | 304.0527778 | Deploying | 2 | 9060 | 5.1 | 4.71 | 5.14 | 8.3 | 1925 | 1479 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:16 | 304.0531250 | Deploying | 2 | 9090 | 5.13 | 4.71 | 5.16 | 8.27 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:17 | 304.0534722 | Deploying | 2 | 9120 | 5.12 | 4.71 | 5.18 | 8.33 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:17 | 304.0535880 | Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:17 | 304.0538194 | Deploying | 2 | 9150 | 5.18 | 4.76 | 5.19 | 8.3 | 1926 | 1468 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 1:18 | 304.0541667 | Deploying | 2 | 9180 | 5.2 | 4.76 | 5.21 | 8.32 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 1:18 | 304.0545139 | Deploying | 2 | 9210 | 5.2 | 4.76 | 5.23 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:19 | 304.0548611 | Deploying | 2 | 9240 | 5.19 | 4.76 | 5.24 | 8.29 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 1:19 | 304.0550926 | Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:19 | 304.0552083 | Deploying | 2 | 9270 | 5.21 | 4.82 | 5.26 | 8.29 | 1982 | 1458 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:20 | 304.0555556 | Deploying | 2 | 9300 | 5.26 | 4.82 | 5.28 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:20 | 304.0559028 | Deploying | 2 | 9330 | 5.24 | 4.82 | 5.29 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:20 | 304.0560995 | Winding down 1653 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:21 | 304.0562500 | Deploying | 2 | 9360 | 5.27 | 4.89 | 5.31 | 8.27 | 1906 | 1450 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 1:21 | 304.0565972 | Deploying | 2 | 9390 | 5.32 | 4.89 | 5.33 | 8.27 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 1:22 | 304.0569444 | Deploying | 2 | 9420 | 5.33 | 4.89 | 5.35 | 8.29 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 1:22 | 304.0572917 | Deploying | 2 | 9450 | 5.32 | 4.89 | 5.36 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:23 | 304.0576389 | Deploying | 2 | 9480 | 5.32 | 4.89 | 5.38 | 8.29 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 1:23 | 304.0577546 | Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:23 | 304.0579861 | Deploying | 2 | 9510 | 5.36 | 4.95 | 5.4 | 8.29 | 1882 | 1448 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:24 | 304.0583333 | Deploying | 2 | 9540 | 5.37 | 4.95 | 5.41 | 8.29 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:24 | 304.0586806 | Deploying | 2 | 9570 | 5.39 | 4.95 | 5.43 | 8.29 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:24 | 304.0588542 | Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:25 | 304.0590278 | Deploying | 2 | 9600 | 5.4 | 5.01 | 5.45 | 8.3 | 1915 | 1441 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:25 | 304.0593750 | Deploying | 2 | 9630 | 5.46 | 5.01 | 5.46 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:26 | 304.0597222 | Deploying | 2 | 9660 | 5.45 | 5.01 | 5.48 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:26 | 304.0600694 | Deploying | 2 | 9690 | 5.44 | 5.01 | 5.5 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:26 | 304.0601157 | Winding down 1444 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:27 | 304.0604167 | Deploying | 2 | 9720 | 5.5 | 5.07 | 5.52 | 8.29 | 2080 | 1519 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:27 | 304.0607639 | Deploying | 2 | 9750 | 5.5 | 5.07 | 5.53 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:28 | 304.0611111 | Deploying | 2 | 9780 | 5.51 | 5.07 | 5.55 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:28 | 304.0614583 | Deploying | 2 | 9810 | 5.5 | 5.07 | 5.57 | 8.25 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:28 | 304.0616204 | Winding down 1885 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:29 | 304.0618056 | Deploying | 2 | 9840 | 5.54 | 5.14 | 5.58 | 8.27 | 1911 | 1460 | 0 | 4 | 6 | 6 | 6 |
| 10/29/2016 1:29 | 304.0621528 | Deploying | 2 | 9870 | 5.58 | 5.14 | 5.6 | 8.27 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 1:30 | 304.0625000 | Deploying | 2 | 9900 | 5.58 | 5.14 | 5.62 | 8.27 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:30 | 304.0628472 | Deploying | 2 | 9930 | 5.58 | 5.14 | 5.63 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:30 | 304.0630671 | Winding down 1481 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:31 | 304.0631944 | Deploying | 2 | 9960 | 5.61 | 5.2 | 5.65 | 8.27 | 2096 | 1483 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:31 | 304.0635417 | Deploying | 2 | 9990 | 5.64 | 5.2 | 5.67 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:32 | 304.0638889 | Deploying | 2 | 10020 | 5.64 | 5.2 | 5.69 | 8.27 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 1:32 | 304.0642361 | Deploying | 2 | 10050 | 5.65 | 5.2 | 5.7 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:32 | 304.0643981 | Winding down 1685 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:33 | 304.0645833 | Deploying | 2 | 10080 | 5.68 | 5.26 | 5.72 | 8.27 | 1897 | 1434 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:33 | 304.0649306 | Deploying | 2 | 10110 | 5.7 | 5.26 | 5.74 | 8.25 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:34 | 304.0652778 | Deploying | 2 | 10140 | 5.7 | 5.26 | 5.75 | 8.27 | 0 | 0 | 0 | 4 | 7 | 5 | 7 |
| 10/29/2016 1:34 | 304.0653472 | Winding down 1272 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:34 | 304.0656250 | Deploying | 2 | 10170 | 5.75 | 5.31 | 5.77 | 8.29 | 2082 | 1486 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 1:35 | 304.0659722 | Deploying | 2 | 10200 | 5.75 | 5.31 | 5.79 | 8.3 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:35 | 304.0663194 | Deploying | 2 | 10230 | 5.75 | 5.31 | 5.8 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:35 | 304.0664236 | Winding down 1415 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 1:36 | 304.0666667 | Deploying | 2 | 10260 | 5.78 | 5.36 | 5.82 | 8.29 | 1904 | 1424 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:36 | 304.0670139 | Deploying | 2 | 10290 | 5.81 | 5.36 | 5.84 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:37 | 304.0673611 | Deploying | 2 | 10320 | 5.81 | 5.36 | 5.86 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:37 | 304.0676505 | Winding down 1666 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:37 | 304.0677083 | Deploying | 2 | 10350 | 5.81 | 5.43 | 5.87 | 8.27 | 1930 | 1468 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:38 | 304.0680556 | Deploying | 2 | 10380 | 5.87 | 5.43 | 5.89 | 8.27 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:38 | 304.0684028 | Deploying | 2 | 10410 | 5.88 | 5.43 | 5.91 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:39 | 304.0687500 | Deploying | 2 | 10440 | 5.87 | 5.43 | 5.92 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:39 | 304.0688773 | Winding down 1343 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:39 | 304.0690972 | Deploying | 2 | 10470 | 5.91 | 5.48 | 5.94 | 8.27 | 1910 | 1477 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 1:40 | 304.0694444 | Deploying | 2 | 10500 | 5.93 | 5.48 | 5.96 | 8.25 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:40 | 304.0697917 | Deploying | 2 | 10530 | 5.92 | 5.48 | 5.97 | 8.25 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:40 | 304.0700116 | Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:41 | 304.0701389 | Deploying | 2 | 10560 | 5.94 | 5.54 | 5.99 | 8.25 | 1906 | 1449 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 1:41 | 304.0704861 | Deploying | 2 | 10590 | 5.99 | 5.54 | 6.01 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:42 | 304.0708333 | Deploying | 2 | 10620 | 5.98 | 5.54 | 6.03 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:42 | 304.0711806 | Deploying | 2 | 10650 | 5.98 | 5.54 | 6.04 | 8.29 | 0 | 0 | 0 | 4 | 4 | 5 | 4 |
| 10/29/2016 1:42 | 304.0712847 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:43 | 304.0715278 | Deploying | 2 | 10680 | 6.02 | 5.6 | 6.06 | 8.25 | 2059 | 1445 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 1:43 | 304.0718750 | Deploying | 2 | 10710 | 6.04 | 5.6 | 6.08 | 8.25 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:44 | 304.0722222 | Deploying | 2 | 10740 | 6.05 | 5.6 | 6.09 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:44 | 304.0724190 | Winding down 1528 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:44 | 304.0725694 | Deploying | 2 | 10770 | 6.05 | 5.66 | 6.11 | 8.25 | 1 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:44 | 304.0727894 | Winding down 2006 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:45 | 304.0729167 | Deploying | 2 | 10800 | 6.07 | 5.73 | 6.13 | 8.24 | 1887 | 1441 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:45 | 304.0732639 | Deploying | 2 | 10830 | 6.13 | 5.73 | 6.14 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:46 | 304.0736111 | Deploying | 2 | 10860 | 6.12 | 5.73 | 6.16 | 8.27 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:46 | 304.0739583 | Deploying | 2 | 10890 | 6.12 | 5.73 | 6.18 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:46 | 304.0739699 | Winding down 1501 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:47 | 304.0743056 | Deploying | 2 | 10920 | 6.18 | 5.79 | 6.2 | 8.25 | 2125 | 1515 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:47 | 304.0746528 | Deploying | 2 | 10950 | 6.19 | 5.79 | 6.21 | 8.27 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 1:48 | 304.0750000 | Deploying | 2 | 10980 | 6.2 | 5.79 | 6.23 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:48 | 304.0753472 | Deploying | 2 | 11010 | 6.18 | 5.79 | 6.25 | 8.27 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 1:48 | 304.0754514 | Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:49 | 304.0756944 | Deploying | 2 | 11040 | 6.24 | 5.86 | 6.26 | 8.25 | 1951 | 1471 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:49 | 304.0760417 | Deploying | 2 | 11070 | 6.26 | 5.86 | 6.28 | 8.22 | 0 | 0 | 0 | 4 | 5 | 4 | 5 |
| 10/29/2016 1:50 | 304.0763889 | Deploying | 2 | 11100 | 6.26 | 5.86 | 6.3 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:50 | 304.0767361 | Deploying | 2 | 11130 | 6.26 | 5.86 | 6.31 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:50 | 304.0769097 | Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:51 | 304.0770833 | Deploying | 2 | 11160 | 6.29 | 5.92 | 6.33 | 8.25 | 1933 | 1468 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:51 | 304.0774306 | Deploying | 2 | 11190 | 6.33 | 5.92 | 6.35 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:52 | 304.0777778 | Deploying | 2 | 11220 | 6.33 | 5.92 | 6.37 | 8.25 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 1:52 | 304.0781250 | Deploying | 2 | 11250 | 6.33 | 5.92 | 6.38 | 8.24 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:52 | 304.0782060 | Winding down 1336 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:53 | 304.0784722 | Deploying | 2 | 11280 | 6.37 | 5.97 | 6.4 | 8.25 | 2152 | 1513 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:53 | 304.0788194 | Deploying | 2 | 11310 | 6.38 | 5.97 | 6.42 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:54 | 304.0791667 | Deploying | 2 | 11340 | 6.38 | 5.97 | 6.43 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:54 | 304.0792940 | Winding down 1718 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:54 | 304.0795139 | Deploying | 2 | 11370 | 6.4 | 6.04 | 6.45 | 8.25 | 2010 | 1469 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:55 | 304.0798611 | Deploying | 2 | 11400 | 6.44 | 6.04 | 6.47 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:55 | 304.0802083 | Deploying | 2 | 11430 | 6.45 | 6.04 | 6.48 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:56 | 304.0805556 | Deploying | 2 | 11460 | 6.44 | 6.04 | 6.5 | 8.22 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:56 | 304.0806713 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:56 | 304.0809028 | Deploying | 2 | 11490 | 6.49 | 6.1 | 6.52 | 8.22 | 1925 | 1464 | 0 | 5 | 7 | 6 | 7 |

| Date/Time | ID | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 1:57 | 304.0812500 | Deploying | 2 | 11520 | 6.51 | 6.1 | 6.54 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:57 | 304.0815972 | Deploying | 2 | 11550 | 6.51 | 6.1 | 6.55 | 8.25 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 1:57 | 304.0818519 | Winding down 1449 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:58 | 304.0819444 | Deploying | 2 | 11580 | 6.52 | 6.15 | 6.57 | 8.25 | 2134 | 1493 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:58 | 304.0822917 | Deploying | 2 | 11610 | 6.56 | 6.15 | 6.59 | 8.25 | 0 | 0 | 0 | 4 | 4 | 5 | 4 |
| 10/29/2016 1:59 | 304.0826389 | Deploying | 2 | 11640 | 6.56 | 6.15 | 6.6 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:59 | 304.0829861 | Deploying | 2 | 11670 | 6.56 | 6.15 | 6.62 | 8.24 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 1:59 | 304.0829861 | Winding down 1437 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:00 | 304.0833333 | Deploying | 2 | 11700 | 6.62 | 6.21 | 6.64 | 8.21 | 2123 | 1508 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:00 | 304.0836806 | Deploying | 2 | 11730 | 6.62 | 6.21 | 6.65 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:01 | 304.0840278 | Deploying | 2 | 11760 | 6.62 | 6.21 | 6.67 | 8.22 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:01 | 304.0843403 | Winding down 1820 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:01 | 304.0843750 | Deploying | 2 | 11790 | 6.62 | 6.28 | 6.69 | 8.25 | 1951 | 1481 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:02 | 304.0847222 | Deploying | 2 | 11820 | 6.69 | 6.28 | 6.71 | 8.24 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:02 | 304.0850694 | Deploying | 2 | 11850 | 6.68 | 6.28 | 6.72 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:03 | 304.0854167 | Deploying | 2 | 11880 | 6.69 | 6.28 | 6.74 | 8.24 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:03 | 304.0856944 | Winding down 1402 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:03 | 304.0857639 | Deploying | 2 | 11910 | 6.71 | 6.33 | 6.76 | 8.25 | 1892 | 1439 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:04 | 304.0861111 | Deploying | 2 | 11940 | 6.74 | 6.33 | 6.77 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:04 | 304.0864583 | Deploying | 2 | 11970 | 6.75 | 6.33 | 6.79 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:04 | 304.0867477 | Winding down 1466 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:05 | 304.0868056 | Deploying | 2 | 12000 | 6.75 | 6.39 | 6.81 | 8.22 | 1912 | 1458 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:05 | 304.0871528 | Deploying | 2 | 12030 | 6.8 | 6.39 | 6.82 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:06 | 304.0875000 | Deploying | 2 | 12060 | 6.8 | 6.39 | 6.84 | 8.24 | 0 | 0 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 2:06 | 304.0878356 | Winding down 1598 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:06 | 304.0878472 | Deploying | 2 | 12090 | 6.8 | 6.45 | 6.86 | 8.25 | 2134 | 1513 | 0 | 4 | 5 | 5 | 5 |
| 10/29/2016 2:07 | 304.0881944 | Deploying | 2 | 12120 | 6.86 | 6.45 | 6.88 | 8.24 | 2134 | 141 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:07 | 304.0885417 | Deploying | 2 | 12150 | 6.87 | 6.45 | 6.89 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:08 | 304.0888889 | Deploying | 2 | 12180 | 6.86 | 6.45 | 6.91 | 8.24 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:08 | 304.0892361 | Deploying | 2 | 12210 | 6.86 | 6.45 | 6.93 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:08 | 304.0893056 | Winding down 1722 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:09 | 304.0895833 | Deploying | 2 | 12240 | 6.91 | 6.51 | 6.94 | 8.25 | 1890 | 1453 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 2:09 | 304.0899306 | Deploying | 2 | 12270 | 6.93 | 6.51 | 6.96 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:10 | 304.0902778 | Deploying | 2 | 12300 | 6.94 | 6.51 | 6.98 | 8.24 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:10 | 304.0906134 | Winding down 1823 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:10 | 304.0906250 | Deploying | 2 | 12330 | 6.92 | 6.58 | 6.99 | 8.21 | 2050 | 1472 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:11 | 304.0909722 | Deploying | 2 | 12360 | 7 | 6.58 | 7.01 | 8.24 | 2050 | 178 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 2:11 | 304.0913194 | Deploying | 2 | 12390 | 7 | 6.58 | 7.03 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:12 | 304.0916667 | Deploying | 2 | 12420 | 7 | 6.58 | 7.05 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:12 | 304.0919907 | Winding down 1709 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:12 | 304.0920139 | Deploying | 2 | 12450 | 7 | 6.65 | 7.06 | 8.14 | 1956 | 1480 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:13 | 304.0923611 | Deploying | 2 | 12480 | 7.06 | 6.65 | 7.08 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:13 | 304.0927083 | Deploying | 2 | 12510 | 7.06 | 6.65 | 7.1 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:13 | 304.0930324 | Winding down 1484 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:14 | 304.0930556 | Deploying | 2 | 12540 | 7.06 | 6.71 | 7.11 | 8.13 | 1905 | 1447 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:14 | 304.0934028 | Deploying | 2 | 12570 | 7.12 | 6.71 | 7.13 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:15 | 304.0937500 | Deploying | 2 | 12600 | 7.11 | 6.71 | 7.15 | 8.24 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:15 | 304.0940972 | Deploying | 2 | 12630 | 7.12 | 6.71 | 7.16 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:15 | 304.0944097 | Winding down 1795 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 2:16 | 304.0944444 | Deploying | 2 | 12660 | 7.12 | 6.77 | 7.18 | 8.24 | 1969 | 1466 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:16 | 304.0947917 | Deploying | 2 | 12690 | 7.18 | 6.77 | 7.2 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:17 | 304.0951389 | Deploying | 2 | 12720 | 7.18 | 6.77 | 7.22 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:17 | 304.0954861 | Deploying | 2 | 12750 | 7.19 | 6.77 | 7.23 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:17 | 304.0957639 | Winding down 1652 ticks | 3 | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 2:18 | 304.0958333 | Deploying | 2 | 12780 | 7.19 | 6.84 | 7.25 | 8.22 | 2161 | 1512 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:18 | 304.0961806 | Deploying | 2 | 12810 | 7.24 | 6.84 | 7.27 | 8.17 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:19 | 304.0965278 | Deploying | 2 | 12840 | 7.24 | 6.84 | 7.28 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:19 | 304.0968519 | Winding down 1584 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:19 | 304.0968750 | Deploying | 2 | 12870 | 7.24 | 6.9 | 7.3 | 8.16 | 1989 | 1496 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:20 | 304.0972222 | Deploying | 2 | 12900 | 7.3 | 6.9 | 7.32 | 8.21 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 2:20 | 304.0975694 | Deploying | 2 | 12930 | 7.29 | 6.9 | 7.33 | 8.22 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 2:21 | 304.0979167 | Deploying | 2 | 12960 | 7.3 | 6.9 | 7.35 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:21 | 304.0981250 | Winding down 1542 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:21 | 304.0982639 | Deploying | 2 | 12990 | 7.34 | 6.96 | 7.37 | 8.21 | 2016 | 1439 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:22 | 304.0986111 | Deploying | 2 | 13020 | 7.36 | 6.96 | 7.39 | 8.21 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:22 | 304.0989583 | Deploying | 2 | 13050 | 7.36 | 6.96 | 7.4 | 8.21 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:23 | 304.0993056 | Deploying | 2 | 13080 | 7.36 | 6.96 | 7.42 | 8.22 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:23 | 304.0994097 | Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:23 | 304.0996528 | Deploying | 2 | 13110 | 7.41 | 7.02 | 7.44 | 8.19 | 1927 | 1464 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:24 | 304.1000000 | Deploying | 2 | 13140 | 7.43 | 7.02 | 7.45 | 8.25 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:24 | 304.1003472 | Deploying | 2 | 13170 | 7.43 | 7.02 | 7.47 | 8.24 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:25 | 304.1006944 | Deploying | 2 | 13200 | 7.44 | 7.02 | 7.49 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:25 | 304.1009259 | Winding down 1870 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:25 | 304.1010417 | Deploying | 2 | 13230 | 7.45 | 7.09 | 7.5 | 8.21 | 1913 | 1447 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 2:26 | 304.1013889 | Deploying | 2 | 13260 | 7.51 | 7.09 | 7.52 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:26 | 304.1017361 | Deploying | 2 | 13290 | 7.5 | 7.09 | 7.54 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:27 | 304.1020833 | Deploying | 2 | 13320 | 7.5 | 7.09 | 7.56 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:27 | 304.1022106 | Winding down 1493 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:27 | 304.1024306 | Deploying | 2 | 13350 | 7.54 | 7.14 | 7.57 | 8.24 | 1969 | 1464 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:28 | 304.1027778 | Deploying | 2 | 13380 | 7.57 | 7.14 | 7.59 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:28 | 304.1031250 | Deploying | 2 | 13410 | 7.56 | 7.14 | 7.61 | 8.21 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:29 | 304.1034722 | Deploying | 2 | 13440 | 7.56 | 7.14 | 7.62 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:29 | 304.1034722 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:29 | 304.1038194 | Deploying | 2 | 13470 | 7.64 | 7.2 | 7.64 | 8.24 | 1898 | 1419 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:30 | 304.1041667 | Deploying | 2 | 13500 | 7.62 | 7.2 | 7.66 | 8.24 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:30 | 304.1045139 | Deploying | 2 | 13530 | 7.63 | 7.2 | 7.67 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:31 | 304.1048611 | Deploying | 2 | 13560 | 7.64 | 7.2 | 7.69 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:31 | 304.1049653 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:31 | 304.1052083 | Deploying | 2 | 13590 | 7.66 | 7.27 | 7.71 | 8.22 | 2048 | 1489 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:32 | 304.1055556 | Deploying | 2 | 13620 | 7.69 | 7.27 | 7.73 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:32 | 304.1059028 | Deploying | 2 | 13650 | 7.68 | 7.27 | 7.74 | 8.21 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:32 | 304.1059491 | Winding down 1569 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:33 | 304.1062500 | Deploying | 2 | 13680 | 7.74 | 7.33 | 7.76 | 8.19 | 2067 | 1496 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:33 | 304.1065972 | Deploying | 2 | 13710 | 7.74 | 7.33 | 7.78 | 8.21 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:34 | 304.1069444 | Deploying | 2 | 13740 | 7.74 | 7.33 | 7.79 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:34 | 304.1072106 | Winding down 1788 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:34 | 304.1072917 | Deploying | 2 | 13770 | 7.75 | 7.39 | 7.81 | 8.22 | 1879 | 1467 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 2:35 | 304.1076389 | Deploying | 2 | 13800 | 7.81 | 7.39 | 7.83 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:35 | 304.1079861 | Deploying | 2 | 13830 | 7.81 | 7.39 | 7.84 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:36 | 304.1083333 | Deploying | 2 | 13860 | 7.81 | 7.39 | 7.86 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:36 | 304.1085417 | Winding down 1317 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:36 | 304.1086806 | Deploying | 2 | 13890 | 7.84 | 7.44 | 7.88 | 8.24 | 2091 | 1488 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 2:37 | 304.1090278 | Deploying | 2 | 13920 | 7.86 | 7.44 | 7.9 | 8.21 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 2:37 | 304.1093750 | Deploying | 2 | 13950 | 7.86 | 7.44 | 7.91 | 8.24 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:37 | 304.1096065 | Winding down 1870 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:38 | 304.1097222 | Deploying | 2 | 13980 | 7.87 | 7.52 | 7.93 | 8.22 | 2084 | 1468 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:38 | 304.1100694 | Deploying | 2 | 14010 | 7.94 | 7.52 | 7.95 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:39 | 304.1104167 | Deploying | 2 | 14040 | 7.94 | 7.52 | 7.96 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 2:39 | 304.1107639 Deploying | 2 | 14070 | 7.94 | 7.52 | 7.98 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:40 | 304.1111111 Deploying | 2 | 14100 | 7.94 | 7.52 | 8 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:40 | 304.1111458 Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:40 | 304.1114583 Deploying | 2 | 14130 | 8 | 7.57 | 8.01 | 8.19 | 2116 | 1481 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:41 | 304.1118056 Deploying | 2 | 14160 | 8 | 7.57 | 8.03 | 8.22 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:41 | 304.1121528 Deploying | 2 | 14190 | 7.99 | 7.57 | 8.05 | 8.22 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:41 | 304.1123148 Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:42 | 304.1125000 Deploying | 2 | 14220 | 8.03 | 7.63 | 8.07 | 8.22 | 1966 | 1480 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:42 | 304.1128472 Deploying | 2 | 14250 | 8.05 | 7.63 | 8.08 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:43 | 304.1131944 Deploying | 2 | 14280 | 8.05 | 7.63 | 8.1 | 8.22 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:43 | 304.1134606 Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:43 | 304.1135417 Deploying | 2 | 14310 | 8.06 | 7.7 | 8.12 | 8.21 | 1898 | 1462 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:44 | 304.1138889 Deploying | 2 | 14340 | 8.12 | 7.7 | 8.13 | 8.21 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:44 | 304.1142361 Deploying | 2 | 14370 | 8.12 | 7.7 | 8.15 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:45 | 304.1145833 Deploying | 2 | 14400 | 8.12 | 7.7 | 8.17 | 8.21 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 2:45 | 304.1148148 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:45 | 304.1149306 Deploying | 2 | 14430 | 8.14 | 7.76 | 8.18 | 8.22 | 1986 | 1497 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 2:46 | 304.1152778 Deploying | 2 | 14460 | 8.19 | 7.76 | 8.2 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:46 | 304.1156250 Deploying | 2 | 14490 | 8.19 | 7.76 | 8.22 | 8.22 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:47 | 304.1159722 Deploying | 2 | 14520 | 8.19 | 7.76 | 8.24 | 8.22 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:47 | 304.1163194 Deploying | 2 | 14550 | 8.2 | 7.76 | 8.25 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:47 | 304.1165394 Winding down 1756 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:48 | 304.1166667 Deploying | 2 | 14580 | 8.21 | 7.83 | 8.27 | 8.22 | 1883 | 1431 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 2:48 | 304.1170139 Deploying | 2 | 14610 | 8.25 | 7.83 | 8.29 | 8.24 | 0 | 0 | 0 | 4 | 5 | 5 | 5 |
| 10/29/2016 2:49 | 304.1173611 Deploying | 2 | 14640 | 8.27 | 7.83 | 8.3 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:49 | 304.1176852 Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:49 | 304.1177083 Deploying | 2 | 14670 | 8.26 | 7.89 | 8.32 | 8.13 | 1908 | 1449 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:50 | 304.1180556 Deploying | 2 | 14700 | 8.32 | 7.89 | 8.34 | 8.24 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:50 | 304.1184028 Deploying | 2 | 14730 | 8.32 | 7.89 | 8.35 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:51 | 304.1187500 Deploying | 2 | 14760 | 8.32 | 7.89 | 8.37 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:51 | 304.1189468 Winding down 1603 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:51 | 304.1190972 Deploying | 2 | 14790 | 8.34 | 7.95 | 8.39 | 8.22 | 1941 | 1473 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:52 | 304.1194444 Deploying | 2 | 14820 | 8.38 | 7.95 | 8.41 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:52 | 304.1197917 Deploying | 2 | 14850 | 8.38 | 7.95 | 8.42 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:53 | 304.1201389 Deploying | 2 | 14880 | 8.38 | 7.95 | 8.44 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:53 | 304.1201968 Winding down 1483 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:53 | 304.1204861 Deploying | 2 | 14910 | 8.44 | 8.01 | 8.46 | 8.21 | 1911 | 1461 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:54 | 304.1208333 Deploying | 2 | 14940 | 8.45 | 8.01 | 8.47 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:54 | 304.1211806 Deploying | 2 | 14970 | 8.45 | 8.01 | 8.49 | 8.22 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:55 | 304.1215278 Deploying | 2 | 15000 | 8.44 | 8.01 | 8.51 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:55 | 304.1215741 Winding down 1794 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:55 | 304.1218750 Deploying | 2 | 15030 | 8.5 | 8.07 | 8.52 | 8.22 | 2050 | 1469 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:56 | 304.1222222 Deploying | 2 | 15060 | 8.52 | 8.07 | 8.54 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:56 | 304.1225694 Deploying | 2 | 15090 | 8.52 | 8.07 | 8.56 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:57 | 304.1229167 Deploying | 2 | 15120 | 8.51 | 8.07 | 8.58 | 8.25 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 2:57 | 304.1230671 Winding down 1821 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:57 | 304.1232639 Deploying | 2 | 15150 | 8.56 | 8.14 | 8.59 | 8.21 | 1916 | 1453 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:58 | 304.1236111 Deploying | 2 | 15180 | 8.58 | 8.14 | 8.61 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:58 | 304.1239583 Deploying | 2 | 15210 | 8.59 | 8.14 | 8.63 | 8.24 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 2:59 | 304.1243056 Deploying | 2 | 15240 | 8.59 | 8.14 | 8.64 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:59 | 304.1244676 Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:59 | 304.1246528 Deploying | 2 | 15270 | 8.62 | 8.2 | 8.66 | 8.22 | 2039 | 1465 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:00 | 304.1250000 Deploying | 2 | 15300 | 8.66 | 8.2 | 8.68 | 8.24 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:00 | 304.1253472 Deploying | 2 | 15330 | 8.66 | 8.2 | 8.69 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:01 | 304.1256944 | Deploying | 2 | 15360 | 8.66 | 8.2 | 8.71 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:01 | 304.1258218 | Winding down 1718 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:01 | 304.1260417 | Deploying | 2 | 15390 | 8.69 | 8.27 | 8.73 | 8.21 | 1975 | 1465 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:02 | 304.1263889 | Deploying | 2 | 15420 | 8.71 | 8.27 | 8.75 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:02 | 304.1267361 | Deploying | 2 | 15450 | 8.72 | 8.27 | 8.76 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:03 | 304.1270833 | Deploying | 2 | 15480 | 8.71 | 8.27 | 8.78 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:03 | 304.1270949 | Winding down 1676 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:03 | 304.1274306 | Deploying | 2 | 15510 | 8.78 | 8.33 | 8.8 | 8.25 | 2095 | 1441 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:04 | 304.1277778 | Deploying | 2 | 15540 | 8.79 | 8.33 | 8.81 | 8.24 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:04 | 304.1281250 | Deploying | 2 | 15570 | 8.79 | 8.33 | 8.83 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:05 | 304.1284722 | Deploying | 2 | 15600 | 8.79 | 8.33 | 8.85 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:05 | 304.1285648 | Winding down 1600 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:05 | 304.1288194 | Deploying | 2 | 15630 | 8.83 | 8.4 | 8.86 | 8.25 | 2092 | 1479 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:06 | 304.1291667 | Deploying | 2 | 15660 | 8.85 | 8.4 | 8.88 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:06 | 304.1295139 | Deploying | 2 | 15690 | 8.84 | 8.4 | 8.9 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:06 | 304.1296181 | Winding down 1615 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:07 | 304.1298611 | Deploying | 2 | 15720 | 8.88 | 8.46 | 8.92 | 8.21 | 2077 | 1490 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:07 | 304.1302083 | Deploying | 2 | 15750 | 8.91 | 8.46 | 8.93 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:08 | 304.1305556 | Deploying | 2 | 15780 | 8.9 | 8.46 | 8.95 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:08 | 304.1308912 | Winding down 1598 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:08 | 304.1309028 | Deploying | 2 | 15810 | 8.9 | 8.52 | 8.97 | 8.17 | 2132 | 1478 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:09 | 304.1312500 | Deploying | 2 | 15840 | 8.96 | 8.52 | 8.98 | 8.21 | 2132 | 33 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:09 | 304.1315972 | Deploying | 2 | 15870 | 8.97 | 8.52 | 9 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:10 | 304.1319444 | Deploying | 2 | 15900 | 8.96 | 8.52 | 9.02 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:10 | 304.1321181 | Winding down 1700 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:10 | 304.1322917 | Deploying | 2 | 15930 | 9 | 8.58 | 9.03 | 8.21 | 1920 | 1445 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 3:11 | 304.1326389 | Deploying | 2 | 15960 | 9.03 | 8.58 | 9.05 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:11 | 304.1329861 | Deploying | 2 | 15990 | 9.03 | 8.58 | 9.07 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:12 | 304.1333333 | Deploying | 2 | 16020 | 9.03 | 8.58 | 9.09 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:12 | 304.1334491 | Winding down 1629 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:12 | 304.1336806 | Deploying | 2 | 16050 | 9.07 | 8.65 | 9.1 | 8.22 | 1897 | 1440 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:13 | 304.1340278 | Deploying | 2 | 16080 | 9.09 | 8.65 | 9.12 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:13 | 304.1343750 | Deploying | 2 | 16110 | 9.1 | 8.65 | 9.14 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:14 | 304.1347222 | Deploying | 2 | 16140 | 9.1 | 8.65 | 9.15 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:14 | 304.1348843 | Winding down 1485 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:14 | 304.1350694 | Deploying | 2 | 16170 | 9.13 | 8.7 | 9.17 | 8.21 | 1971 | 1463 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:15 | 304.1354167 | Deploying | 2 | 16200 | 9.15 | 8.7 | 9.19 | 8.24 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:15 | 304.1357639 | Deploying | 2 | 16230 | 9.16 | 8.7 | 9.2 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:16 | 304.1361111 | Deploying | 2 | 16260 | 9.15 | 8.7 | 9.22 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:16 | 304.1361343 | Winding down 1940 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:16 | 304.1364583 | Deploying | 2 | 16290 | 9.22 | 8.78 | 9.24 | 8.22 | 1937 | 1458 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:17 | 304.1368056 | Deploying | 2 | 16320 | 9.24 | 8.78 | 9.26 | 8.24 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:17 | 304.1371528 | Deploying | 2 | 16350 | 9.23 | 8.78 | 9.27 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:17 | 304.1374653 | Winding down 1520 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:18 | 304.1375000 | Deploying | 2 | 16380 | 9.23 | 8.84 | 9.29 | 8.21 | 1925 | 1463 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:18 | 304.1378472 | Deploying | 2 | 16410 | 9.29 | 8.84 | 9.31 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:19 | 304.1381944 | Deploying | 2 | 16440 | 9.29 | 8.84 | 9.32 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:19 | 304.1385417 | Deploying | 2 | 16470 | 9.29 | 8.84 | 9.34 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:19 | 304.1386806 | Winding down 1532 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:20 | 304.1388889 | Deploying | 2 | 16500 | 9.32 | 8.9 | 9.36 | 8.21 | 1925 | 1453 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:20 | 304.1392361 | Deploying | 2 | 16530 | 9.34 | 8.9 | 9.37 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:21 | 304.1395833 | Deploying | 2 | 16560 | 9.35 | 8.9 | 9.39 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:21 | 304.1398958 | Winding down 1570 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 3:21 | 304.1399306 | Deploying | 2 | 16590 | 9.35 | 8.96 | 9.41 | 8.21 | 1945 | 1461 | 0 | 6 | 6 | 6 | 6 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:22 | 304.1402778 | Deploying | 2 | 16620 | 9.41 | 8.96 | 9.43 | 8.19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:22 | 304.1406250 | Deploying | 2 | 16650 | 9.41 | 8.96 | 9.44 | 8.19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:23 | 304.1409722 | Deploying | 2 | 16680 | 9.41 | 8.96 | 9.46 | 8.22 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:23 | 304.1411921 | Winding down 1606 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:23 | 304.1413194 | Deploying | 2 | 16710 | 9.43 | 9.02 | 9.48 | 8.19 | 1898 | 1445 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:24 | 304.1416667 | Deploying | 2 | 16740 | 9.48 | 9.02 | 9.49 | 8.21 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:24 | 304.1420139 | Deploying | 2 | 16770 | 9.46 | 9.02 | 9.51 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:24 | 304.1423148 | Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:25 | 304.1423611 | Deploying | 2 | 16800 | 9.48 | 9.07 | 9.53 | 8.19 | 1918 | 1414 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:25 | 304.1427083 | Deploying | 2 | 16830 | 9.52 | 9.07 | 9.54 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:26 | 304.1430556 | Deploying | 2 | 16860 | 9.52 | 9.07 | 9.56 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:26 | 304.1434028 | Deploying | 2 | 16890 | 9.52 | 9.07 | 9.58 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:26 | 304.1435301 | Winding down 1718 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:27 | 304.1437500 | Deploying | 2 | 16920 | 9.56 | 9.14 | 9.6 | 8.19 | 2049 | 1449 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:27 | 304.1440972 | Deploying | 2 | 16950 | 9.58 | 9.14 | 9.61 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:28 | 304.1444444 | Deploying | 2 | 16980 | 9.59 | 9.14 | 9.63 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:28 | 304.1447222 | Winding down 1452 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:28 | 304.1447917 | Deploying | 2 | 17010 | 9.59 | 9.19 | 9.65 | 8.19 | 1871 | 1438 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:29 | 304.1451389 | Deploying | 2 | 17040 | 9.64 | 9.19 | 9.66 | 8.22 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:29 | 304.1454861 | Deploying | 2 | 17070 | 9.65 | 9.19 | 9.68 | 8.22 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:30 | 304.1458333 | Deploying | 2 | 17100 | 9.64 | 9.19 | 9.7 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:30 | 304.1459144 | Winding down 1336 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:30 | 304.1461806 | Deploying | 2 | 17130 | 9.69 | 9.25 | 9.71 | 8.19 | 2110 | 1496 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 3:31 | 304.1465278 | Deploying | 2 | 17160 | 9.69 | 9.25 | 9.73 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:31 | 304.1468750 | Deploying | 2 | 17190 | 9.69 | 9.25 | 9.75 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:31 | 304.1469097 | Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:32 | 304.1472222 | Deploying | 2 | 17220 | 9.75 | 9.3 | 9.77 | 8.21 | 1906 | 1458 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:32 | 304.1475694 | Deploying | 2 | 17250 | 9.76 | 9.3 | 9.78 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:33 | 304.1479167 | Deploying | 2 | 17280 | 9.76 | 9.3 | 9.8 | 8.19 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:33 | 304.1482639 | Deploying | 2 | 17310 | 9.76 | 9.3 | 9.82 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:33 | 304.1484259 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:34 | 304.1486111 | Deploying | 2 | 17340 | 9.79 | 9.36 | 9.83 | 8.22 | 1898 | 1451 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:34 | 304.1489583 | Deploying | 2 | 17370 | 9.82 | 9.36 | 9.85 | 8.17 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:35 | 304.1493056 | Deploying | 2 | 17400 | 9.81 | 9.36 | 9.87 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:35 | 304.1494676 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:35 | 304.1496528 | Deploying | 2 | 17430 | 9.84 | 9.42 | 9.88 | 8.21 | 2114 | 1486 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:36 | 304.1500000 | Deploying | 2 | 17460 | 9.87 | 9.42 | 9.9 | 8.17 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:36 | 304.1503472 | Deploying | 2 | 17490 | 9.89 | 9.42 | 9.92 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:37 | 304.1506944 | Deploying | 2 | 17520 | 9.88 | 9.42 | 9.94 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:37 | 304.1508102 | Winding down 1604 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:37 | 304.1510417 | Deploying | 2 | 17550 | 9.92 | 9.49 | 9.95 | 8.21 | 1960 | 1460 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:38 | 304.1513889 | Deploying | 2 | 17580 | 9.95 | 9.49 | 9.97 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:38 | 304.1517361 | Deploying | 2 | 17610 | 9.95 | 9.49 | 9.99 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:39 | 304.1520833 | Deploying | 2 | 17640 | 9.95 | 9.49 | 10 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:39 | 304.1522338 | Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:39 | 304.1524306 | Deploying | 2 | 17670 | 9.98 | 9.55 | 10.02 | 8.19 | 1956 | 1440 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:40 | 304.1527778 | Deploying | 2 | 17700 | 10 | 9.55 | 10.04 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:40 | 304.1531250 | Deploying | 2 | 17730 | 10 | 9.55 | 10.05 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:40 | 304.1532407 | Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:41 | 304.1534722 | Deploying | 2 | 17760 | 10.03 | 9.61 | 10.07 | 8.19 | 1902 | 1445 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:41 | 304.1538194 | Deploying | 2 | 17790 | 10.04 | 9.61 | 10.09 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:42 | 304.1541667 | Deploying | 2 | 17820 | 10.06 | 9.61 | 10.11 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:42 | 304.1542593 | Winding down 1275 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:42 | 304.1545139 | Deploying | 2 | 17850 | 10.09 | 9.65 | 10.12 | 8.17 | 1843 | 1462 | 0 | 6 | 6 | 6 | 6 |

| 10/29/2016 3:43 | 304.1548611 Deploying | 2 | 17880 | 10.11 | 9.65 | 10.14 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:43 | 304.1552083 Deploying | 2 | 17910 | 10.11 | 9.65 | 10.16 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:43 | 304.1555208 Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:44 | 304.1555556 Deploying | 2 | 17940 | 10.12 | 9.71 | 10.17 | 8.21 | 1859 | 1457 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:44 | 304.1559028 Deploying | 2 | 17970 | 10.17 | 9.71 | 10.19 | 8.19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:45 | 304.1562500 Deploying | 2 | 18000 | 10.17 | 9.71 | 10.21 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:45 | 304.1565972 Deploying | 2 | 18030 | 10.17 | 9.71 | 10.22 | 8.19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:45 | 304.1567477 Winding down 1346 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:46 | 304.1569444 Deploying | 2 | 18060 | 10.2 | 9.77 | 10.24 | 8.17 | 1915 | 1448 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 3:46 | 304.1572917 Deploying | 2 | 18090 | 10.22 | 9.77 | 10.26 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:47 | 304.1576389 Deploying | 2 | 18120 | 10.22 | 9.77 | 10.28 | 8.17 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:47 | 304.1577315 Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:47 | 304.1579861 Deploying | 2 | 18150 | 10.27 | 9.82 | 10.29 | 8.19 | 2072 | 1475 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:48 | 304.1583333 Deploying | 2 | 18180 | 10.29 | 9.82 | 10.31 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:48 | 304.1586806 Deploying | 2 | 18210 | 10.29 | 9.82 | 10.33 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:49 | 304.1590278 Deploying | 2 | 18240 | 10.29 | 9.82 | 10.34 | 8.17 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:49 | 304.1592593 Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:49 | 304.1593750 Deploying | 2 | 18270 | 10.3 | 9.89 | 10.36 | 8.17 | 2025 | 1427 | 0 | 9 | 10 | 9 | 10 |
| 10/29/2016 3:50 | 304.1597222 Deploying | 2 | 18300 | 10.34 | 9.89 | 10.38 | 8.19 | 0 | 0 | 0 | 4 | 3 | 1 | 3 |
| 10/29/2016 3:50 | 304.1600694 Deploying | 2 | 18330 | 10.34 | 9.89 | 10.39 | 8.17 | 0 | 0 | 0 | -7 | -2 | -4 | -2 |
| 10/29/2016 3:50 | 304.1600694 Winding down 1437 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:50 | 304.1601852 Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/29/2016 3:50 | 304.1601852 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/29/2016 3:50 | 304.1602083 Winding up 1425 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:50 | 304.1602315 Winding up 2725 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:50 | 304.1602662 Winding up 4500 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:50 | 304.1603241 Winding up 6900 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:50 | 304.1604051 Winding up 9050 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 304.1604167 Rewinding | 5 | 18340 | 10.22 | 8.99 | 9.87 | 8.16 | 1126 | 860 | | | | | |
| 10/29/2016 3:51 | 304.1605208 Winding up 9125 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 304.1606366 Winding up 6599 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 304.1607176 Winding up 4874 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 304.1607639 Rewinding | 5 | 18340 | 9.25 | 8.2 | 9.12 | 8.02 | 1126 | 125 | | | | | |
| 10/29/2016 3:51 | 304.1607755 Winding up 3475 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 304.1608218 Winding up 2499 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 304.1608565 Winding up 1824 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 304.1608796 Winding up 1449 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 304.1610764 Winding up 1349 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 304.1610995 Winding up 1900 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1611111 Rewinding | 5 | 18340 | 8.44 | 7.72 | 8.37 | 8.16 | 1125 | 846 | | | | | |
| 10/29/2016 3:52 | 304.1611227 Winding up 2474 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1611574 Winding up 3250 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1612037 Winding up 4299 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1612616 Winding up 5524 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1613310 Winding up 6275 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1614120 Winding up 5775 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1614583 Rewinding | 5 | 18340 | 7.8 | 6.67 | 7.62 | 8.03 | 1124 | 835 | | | | | |
| 10/29/2016 3:52 | 304.1614815 Winding up 4649 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1615394 Winding up 3649 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1615856 Winding up 2825 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1616204 Winding up 2150 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:52 | 304.1616551 Winding up 1475 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:53 | 304.1618056 Rewinding | 5 | 18340 | 6.88 | 6.1 | 6.87 | 8.13 | 1125 | 850 | | | | | |
| 10/29/2016 3:53 | 304.1618403 Winding up 1325 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:53 | 304.1618634 | Winding up 1750 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1618866 | Winding up 2149 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1619213 | Winding up 2750 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1619560 | Winding up 3425 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1620023 | Winding up 4350 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1620602 | Winding up 5225 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1621296 | Winding up 6025 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1621528 | Rewinding | 5 | 18340 | 6.35 | 5.07 | 6.12 | 7.94 | 1122 | 832 |
| 10/29/2016 3:53 | 304.1622106 | Winding up 6299 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1622917 | Winding up 6274 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1623727 | Winding up 6150 ticks | 3 | | | | | | |
| 10/29/2016 3:53 | 304.1624537 | Winding up 5650 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1625000 | Rewinding | 5 | 18340 | 5.54 | 4.14 | 5.37 | 7.97 | 1125 | 832 |
| 10/29/2016 3:54 | 304.1625231 | Winding up 4425 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1625810 | Winding up 3425 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1626273 | Winding up 2600 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1626620 | Winding up 1875 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1626852 | Winding up 1475 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1628472 | Rewinding | 5 | 18340 | 4.64 | 3.62 | 4.62 | 8.11 | 1125 | 845 |
| 10/29/2016 3:54 | 304.1628588 | Winding up 1300 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1628819 | Winding up 1650 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1629051 | Winding up 2050 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1629398 | Winding up 2600 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1629745 | Winding up 3150 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1630208 | Winding up 3975 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1630787 | Winding up 4975 ticks | 3 | | | | | | |
| 10/29/2016 3:54 | 304.1631481 | Winding up 5425 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1631944 | Rewinding | 5 | 18340 | 4.05 | 2.67 | 3.87 | 7.94 | 1127 | 828 |
| 10/29/2016 3:55 | 304.1632176 | Winding up 4750 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1632755 | Winding up 3975 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1633333 | Winding up 3150 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1633796 | Winding up 2450 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1634144 | Winding up 1925 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1634375 | Winding up 1525 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1635417 | Rewinding | 5 | 18340 | 3.13 | 1.99 | 3.12 | 8.06 | 1121 | 838 |
| 10/29/2016 3:55 | 304.1636111 | Winding up 1325 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1636343 | Winding up 1750 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1636574 | Winding up 2125 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1636921 | Winding up 2700 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1637269 | Winding up 3350 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1637731 | Winding up 4100 ticks | 3 | | | | | | |
| 10/29/2016 3:55 | 304.1638310 | Winding up 5100 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1638889 | Rewinding | 5 | 18340 | 2.56 | 1.22 | 2.37 | 7.95 | 1120 | 833 |
| 10/29/2016 3:56 | 304.1639005 | Winding up 5300 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1639699 | Winding up 4725 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1640278 | Winding up 3874 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1640741 | Winding up 3100 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1641204 | Winding up 2224 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1641551 | Winding up 1575 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1642361 | Rewinding | 5 | 18340 | 1.62 | 0.43 | 1.62 | 8.06 | 1119 | 141 |
| 10/29/2016 3:56 | 304.1643519 | Winding up 1349 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1643750 | Winding up 1850 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1643981 | Winding up 2325 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1644329 | Winding up 3050 ticks | 3 | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:56 | 304.1644792 | Winding up 3975 ticks | 3 | | | | | | |
| 10/29/2016 3:56 | 304.1645370 | Winding up 5200 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1645833 | Rewinding | 5 | 18340 | 1.08 | -0.24 | 0.87 | 7.97 | 1125 | 845 |
| 10/29/2016 3:57 | 304.1646065 | Winding up 5950 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1646759 | Winding up 5550 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1647106 | Winding up 4975 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1647222 | Winding up 4850 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1647338 | Winding up 4725 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1647454 | Winding up 4600 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1647569 | Winding up 4525 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1647685 | Winding up 4525 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1647801 | Winding up 4475 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1647917 | Winding up 4450 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1648032 | Winding up 4475 ticks | 3 | | | | | | |
| 10/29/2016 3:57 | 304.1648148 | Overcurrent (motor jam) condition detected | 5 | | | | | | |
| 10/29/2016 3:57 | 304.1648148 | State 5 (FINISHED) | 5 | | | | | | |
| 10/29/2016 5:27 | 304.2272222 | Manual stop | 5 | | | | | | |
| 10/29/2016 5:27 | 304.2272222 | State 1 (IDLE) | 5 | | | | | | |

DPS3-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deplo | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 11:30 | 303.4791667 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/28/2016 11:30 | 303.4795139 | Deploying | 2 | 30 | 0.29 | 0 | 0.02 | 7.94 | 0 | 0 | 0 | -5 | -6 | -5 | -6 |
| 10/28/2016 11:31 | 303.4798611 | Deploying | 2 | 60 | 0.28 | 0 | 0.04 | 7.89 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/28/2016 11:31 | 303.4802083 | Deploying | 2 | 90 | 0.29 | 0 | 0.06 | 7.9 | 0 | 0 | 0 | -7 | -8 | -5 | -8 |
| 10/28/2016 11:32 | 303.4805556 | Deploying | 2 | 120 | 0.29 | 0 | 0.08 | 7.9 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 10/28/2016 11:32 | 303.4809028 | Deploying | 2 | 150 | 0.3 | 0 | 0.09 | 7.89 | 0 | 0 | 0 | -8 | -9 | -9 | -9 |
| 10/28/2016 11:33 | 303.4812500 | Deploying | 2 | 180 | 0.29 | 0 | 0.11 | 7.9 | 0 | 0 | 0 | -6 | -1 | -3 | -1 |
| 10/28/2016 11:33 | 303.4815972 | Deploying | 2 | 210 | 0.28 | 0 | 0.13 | 7.9 | 0 | 0 | 0 | 0 | -3 | -4 | -3 |
| 10/28/2016 11:34 | 303.4819444 | Deploying | 2 | 240 | 0.29 | 0 | 0.14 | 7.9 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 11:34 | 303.4822917 | Deploying | 2 | 270 | 0.3 | 0 | 0.16 | 7.94 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 10/28/2016 11:35 | 303.4826389 | Deploying | 2 | 300 | 0.3 | 0 | 0.18 | 7.9 | 0 | 0 | 0 | -6 | -5 | -4 | -5 |
| 10/28/2016 11:35 | 303.4829861 | Deploying | 2 | 330 | 0.3 | 0 | 0.19 | 7.95 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 11:36 | 303.4833333 | Deploying | 2 | 360 | 0.29 | 0 | 0.21 | 7.92 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 11:36 | 303.4836806 | Deploying | 2 | 390 | 0.29 | 0 | 0.23 | 7.92 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 11:37 | 303.4840278 | Deploying | 2 | 420 | 0.29 | 0 | 0.25 | 7.94 | 0 | 0 | 0 | -8 | -8 | -5 | -8 |
| 10/28/2016 11:37 | 303.4843750 | Deploying | 2 | 450 | 0.3 | 0 | 0.26 | 7.92 | 0 | 0 | 0 | -7 | -3 | -4 | -3 |
| 10/28/2016 11:38 | 303.4847222 | Deploying | 2 | 480 | 0.29 | 0 | 0.28 | 7.95 | 0 | 0 | 0 | -7 | -5 | -5 | -5 |
| 10/28/2016 11:38 | 303.4850694 | Deploying | 2 | 510 | 0.3 | 0 | 0.3 | 7.94 | 0 | 0 | 0 | -7 | -7 | -5 | -7 |
| 10/28/2016 11:39 | 303.4854167 | Deploying | 2 | 540 | 0.29 | 0 | 0.31 | 7.95 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 11:39 | 303.4857639 | Deploying | 2 | 570 | 0.3 | 0 | 0.33 | 7.94 | 0 | 0 | 0 | -10 | -7 | -8 | -7 |
| 10/28/2016 11:40 | 303.4861111 | Deploying | 2 | 600 | 0.29 | 0 | 0.35 | 7.92 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |
| 10/28/2016 11:40 | 303.4863657 | Winding down 1474 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:40 | 303.4864583 | Deploying | 2 | 630 | 0.3 | 0.06 | 0.36 | 7.92 | 2038 | 1491 | 0 | -9 | -5 | -5 | -5 |
| 10/28/2016 11:40 | 303.4867593 | Winding down 1255 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:41 | 303.4868056 | Deploying | 2 | 660 | 0.34 | 0.1 | 0.38 | 7.92 | 2153 | 1496 | 0 | -9 | -9 | -6 | -9 |
| 10/28/2016 11:41 | 303.4871528 | Deploying | 2 | 690 | 0.36 | 0.1 | 0.4 | 7.94 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 11:42 | 303.4875000 | Deploying | 2 | 720 | 0.34 | 0.1 | 0.42 | 7.9 | 0 | 0 | 0 | -2 | 1 | 0 | 1 |
| 10/28/2016 11:42 | 303.4876157 | Winding down 1904 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:42 | 303.4878472 | Deploying | 2 | 750 | 0.39 | 0.17 | 0.43 | 7.9 | 2033 | 1475 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 11:43 | 303.4881944 | Deploying | 2 | 780 | 0.43 | 0.17 | 0.45 | 7.94 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 11:43 | 303.4885417 | Deploying | 2 | 810 | 0.43 | 0.17 | 0.47 | 7.92 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 11:44 | 303.4888889 | Deploying | 2 | 840 | 0.43 | 0.17 | 0.48 | 7.95 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 11:44 | 303.4890741 | Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:44 | 303.4892361 | Deploying | 2 | 870 | 0.46 | 0.23 | 0.5 | 7.92 | 2161 | 1516 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 11:45 | 303.4895833 | Deploying | 2 | 900 | 0.48 | 0.23 | 0.52 | 7.92 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 11:45 | 303.4899306 | Deploying | 2 | 930 | 0.49 | 0.23 | 0.53 | 7.94 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 11:46 | 303.4902778 | Deploying | 2 | 960 | 0.5 | 0.23 | 0.55 | 7.9 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/28/2016 11:46 | 303.4903356 | Winding down 1358 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:46 | 303.4906250 | Deploying | 2 | 990 | 0.54 | 0.28 | 0.57 | 7.95 | 2112 | 1504 | 0 | -3 | -3 | -3 | -3 |
| 10/28/2016 11:47 | 303.4909722 | Deploying | 2 | 1020 | 0.56 | 0.28 | 0.59 | 7.89 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/28/2016 11:47 | 303.4913194 | Deploying | 2 | 1050 | 0.54 | 0.28 | 0.6 | 7.89 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 11:47 | 303.4914931 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:48 | 303.4916667 | Deploying | 2 | 1080 | 0.58 | 0.35 | 0.62 | 7.86 | 1929 | 1511 | 0 | -5 | -4 | -3 | -4 |
| 10/28/2016 11:48 | 303.4920139 | Deploying | 2 | 1110 | 0.62 | 0.35 | 0.64 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 11:49 | 303.4923611 | Deploying | 2 | 1140 | 0.6 | 0.35 | 0.65 | 7.92 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 11:49 | 303.4926042 | Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:49 | 303.4927083 | Deploying | 2 | 1170 | 0.63 | 0.41 | 0.67 | 7.87 | 2032 | 1496 | 0 | -3 | 1 | 0 | 1 |
| 10/28/2016 11:50 | 303.4930556 | Deploying | 2 | 1200 | 0.68 | 0.41 | 0.69 | 7.94 | 0 | 0 | 0 | -5 | -2 | -3 | -2 |
| 10/28/2016 11:50 | 303.4934028 | Deploying | 2 | 1230 | 0.68 | 0.41 | 0.7 | 7.92 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/28/2016 11:51 | 303.4937500 | Deploying | 2 | 1260 | 0.68 | 0.41 | 0.72 | 7.92 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 11:51 | 303.4940972 | Deploying | 2 | 1290 | 0.67 | 0.41 | 0.74 | 7.92 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 11:51 | 303.4941319 | Winding down 1780 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:52 | 303.4944444 | Deploying | 2 | 1320 | 0.72 | 0.47 | 0.76 | 7.9 | 1966 | 1478 | 0 | -4 | -1 | -3 | -1 |
| 10/28/2016 11:52 | 303.4947917 | Deploying | 2 | 1350 | 0.74 | 0.47 | 0.77 | 7.89 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |

| Date/Time | Value Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 11:53 | 303.4951389 Deploying | 2 | 1380 | 0.75 | 0.47 | 0.79 | 7.94 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/28/2016 11:53 | 303.4953588 Winding down 1431 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:53 | 303.4954861 Deploying | 2 | 1410 | 0.76 | 0.53 | 0.81 | 7.92 | 2158 | 1509 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 11:54 | 303.4958333 Deploying | 2 | 1440 | 0.81 | 0.53 | 0.82 | 7.92 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 11:54 | 303.4961806 Deploying | 2 | 1470 | 0.79 | 0.53 | 0.84 | 7.9 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/28/2016 11:54 | 303.4964583 Winding down 1502 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:55 | 303.4965278 Deploying | 2 | 1500 | 0.81 | 0.58 | 0.86 | 7.92 | 2095 | 1503 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 11:55 | 303.4968750 Deploying | 2 | 1530 | 0.85 | 0.58 | 0.87 | 7.92 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/28/2016 11:56 | 303.4972222 Deploying | 2 | 1560 | 0.86 | 0.58 | 0.89 | 7.9 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 11:56 | 303.4975694 Deploying | 2 | 1590 | 0.87 | 0.58 | 0.91 | 7.9 | 0 | 0 | 0 | -4 | -6 | -3 | -6 |
| 10/28/2016 11:57 | 303.4979167 Deploying | 2 | 1620 | 0.86 | 0.58 | 0.93 | 7.92 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 10/28/2016 11:57 | 303.4980440 Winding down 1793 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:57 | 303.4982639 Deploying | 2 | 1650 | 0.9 | 0.65 | 0.94 | 7.9 | 2140 | 1528 | 0 | -6 | -4 | -4 | -4 |
| 10/28/2016 11:58 | 303.4986111 Deploying | 2 | 1680 | 0.92 | 0.65 | 0.96 | 7.89 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 11:58 | 303.4989583 Deploying | 2 | 1710 | 0.93 | 0.65 | 0.98 | 7.86 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/28/2016 11:59 | 303.4993056 Deploying | 2 | 1740 | 0.94 | 0.65 | 0.99 | 7.89 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 11:59 | 303.4994213 Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 11:59 | 303.4996528 Deploying | 2 | 1770 | 0.97 | 0.71 | 1.01 | 7.86 | 2042 | 1487 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:00 | 303.5000000 Deploying | 2 | 1800 | 1 | 0.71 | 1.03 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:00 | 303.5003472 Deploying | 2 | 1830 | 1 | 0.71 | 1.04 | 7.92 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 12:00 | 303.5006829 Winding down 1748 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:01 | 303.5006944 Deploying | 2 | 1860 | 0.99 | 0.78 | 1.06 | 7.89 | 2076 | 1497 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:01 | 303.5010417 Deploying | 2 | 1890 | 1.06 | 0.78 | 1.08 | 7.86 | 2076 | 166 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 12:02 | 303.5013889 Deploying | 2 | 1920 | 1.08 | 0.78 | 1.1 | 7.86 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:02 | 303.5017361 Deploying | 2 | 1950 | 1.07 | 0.78 | 1.11 | 7.89 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 12:03 | 303.5020833 Deploying | 2 | 1980 | 1.08 | 0.78 | 1.13 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 12:03 | 303.5023148 Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:03 | 303.5024306 Deploying | 2 | 2010 | 1.09 | 0.84 | 1.15 | 7.87 | 2136 | 1517 | 0 | -4 | 0 | -2 | 0 |
| 10/28/2016 12:04 | 303.5027778 Deploying | 2 | 2040 | 1.13 | 0.84 | 1.16 | 7.86 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:04 | 303.5031250 Deploying | 2 | 2070 | 1.15 | 0.84 | 1.18 | 7.92 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 12:04 | 303.5034606 Winding down 1498 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:05 | 303.5034722 Deploying | 2 | 2100 | 1.14 | 0.89 | 1.2 | 7.87 | 1904 | 1464 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 12:05 | 303.5038194 Deploying | 2 | 2130 | 1.2 | 0.89 | 1.21 | 7.9 | 1904 | 134 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:06 | 303.5041667 Deploying | 2 | 2160 | 1.19 | 0.89 | 1.23 | 7.89 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 12:06 | 303.5044676 Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:06 | 303.5045139 Deploying | 2 | 2190 | 1.2 | 0.95 | 1.25 | 7.95 | 1916 | 1469 | 0 | -5 | -3 | -3 | -3 |
| 10/28/2016 12:07 | 303.5048611 Deploying | 2 | 2220 | 1.26 | 0.95 | 1.27 | 7.87 | 0 | 0 | 0 | -5 | -2 | -3 | -2 |
| 10/28/2016 12:07 | 303.5052083 Deploying | 2 | 2250 | 1.25 | 0.95 | 1.28 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:08 | 303.5055556 Deploying | 2 | 2280 | 1.26 | 0.95 | 1.3 | 7.89 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/28/2016 12:08 | 303.5059028 Deploying | 2 | 2310 | 1.27 | 0.95 | 1.32 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 12:08 | 303.5061806 Winding down 1902 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:09 | 303.5062500 Deploying | 2 | 2340 | 1.27 | 1.02 | 1.33 | 7.92 | 1912 | 1472 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:09 | 303.5065972 Deploying | 2 | 2370 | 1.35 | 1.02 | 1.35 | 7.87 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 12:10 | 303.5069444 Deploying | 2 | 2400 | 1.33 | 1.02 | 1.37 | 7.87 | 0 | 0 | 0 | -4 | -2 | -1 | -2 |
| 10/28/2016 12:10 | 303.5072917 Deploying | 2 | 2430 | 1.33 | 1.02 | 1.38 | 7.87 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 12:10 | 303.5073264 Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:11 | 303.5076389 Deploying | 2 | 2460 | 1.37 | 1.08 | 1.4 | 7.87 | 2035 | 1492 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 12:11 | 303.5079861 Deploying | 2 | 2490 | 1.4 | 1.08 | 1.42 | 7.87 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 12:12 | 303.5083333 Deploying | 2 | 2520 | 1.4 | 1.08 | 1.44 | 7.87 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 12:12 | 303.5086806 Deploying | 2 | 2550 | 1.39 | 1.08 | 1.45 | 7.87 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 12:12 | 303.5087037 Winding down 1515 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:13 | 303.5090278 Deploying | 2 | 2580 | 1.44 | 1.13 | 1.47 | 7.86 | 1913 | 1477 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 12:13 | 303.5093750 Deploying | 2 | 2610 | 1.45 | 1.13 | 1.49 | 7.86 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 12:14 | 303.5097222 Deploying | 2 | 2640 | 1.45 | 1.13 | 1.5 | 7.87 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| 10/28/2016 12:14 | 303.5098264 Winding down 1465 ticks | 3 | | | | | | | | | | | | |

| Date/Time | ID Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 12:14 | 303.5100694 Deploying | 2 | 2670 | 1.49 | 1.19 | 1.52 | 7.87 | 1999 | 1496 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 12:15 | 303.5104167 Deploying | 2 | 2700 | 1.51 | 1.19 | 1.54 | 7.89 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 12:15 | 303.5107639 Deploying | 2 | 2730 | 1.52 | 1.19 | 1.55 | 7.9 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 12:16 | 303.5111111 Deploying | 2 | 2760 | 1.52 | 1.19 | 1.57 | 7.89 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 12:16 | 303.5113079 Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:16 | 303.5114583 Deploying | 2 | 2790 | 1.54 | 1.25 | 1.59 | 7.9 | 2031 | 1496 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 12:17 | 303.5118056 Deploying | 2 | 2820 | 1.57 | 1.25 | 1.61 | 7.92 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 12:17 | 303.5121528 Deploying | 2 | 2850 | 1.57 | 1.25 | 1.62 | 7.9 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 12:17 | 303.5124306 Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:18 | 303.5125000 Deploying | 2 | 2880 | 1.58 | 1.31 | 1.64 | 7.86 | 2113 | 1506 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:18 | 303.5128472 Deploying | 2 | 2910 | 1.62 | 1.31 | 1.66 | 7.89 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 12:19 | 303.5131944 Deploying | 2 | 2940 | 1.65 | 1.31 | 1.67 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 12:19 | 303.5135417 Deploying | 2 | 2970 | 1.64 | 1.31 | 1.69 | 7.86 | 0 | 0 | 0 | -6 | -4 | -3 | -4 |
| 10/28/2016 12:19 | 303.5136111 Winding down 1297 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:20 | 303.5138889 Deploying | 2 | 3000 | 1.69 | 1.36 | 1.71 | 7.9 | 1910 | 1471 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:20 | 303.5142361 Deploying | 2 | 3030 | 1.69 | 1.36 | 1.72 | 7.86 | 0 | 0 | 0 | -5 | -3 | -2 | -3 |
| 10/28/2016 12:21 | 303.5145833 Deploying | 2 | 3060 | 1.69 | 1.36 | 1.74 | 7.83 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 12:21 | 303.5148495 Winding down 1738 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:21 | 303.5149306 Deploying | 2 | 3090 | 1.71 | 1.42 | 1.76 | 7.86 | 2098 | 1530 | 0 | -5 | -4 | -2 | -4 |
| 10/28/2016 12:22 | 303.5152778 Deploying | 2 | 3120 | 1.76 | 1.42 | 1.78 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:22 | 303.5156250 Deploying | 2 | 3150 | 1.77 | 1.42 | 1.79 | 7.89 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/28/2016 12:23 | 303.5159722 Deploying | 2 | 3180 | 1.76 | 1.42 | 1.81 | 7.92 | 0 | 0 | 0 | -5 | -5 | -3 | -5 |
| 10/28/2016 12:23 | 303.5162963 Winding down 1659 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:23 | 303.5163194 Deploying | 2 | 3210 | 1.76 | 1.49 | 1.83 | 7.81 | 1909 | 1469 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 12:24 | 303.5166667 Deploying | 2 | 3240 | 1.82 | 1.49 | 1.84 | 7.86 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 12:24 | 303.5170139 Deploying | 2 | 3270 | 1.85 | 1.49 | 1.86 | 7.89 | 0 | 0 | 0 | -3 | -5 | -4 | -5 |
| 10/28/2016 12:25 | 303.5173611 Deploying | 2 | 3300 | 1.84 | 1.49 | 1.88 | 7.87 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 12:25 | 303.5177083 Deploying | 2 | 3330 | 1.84 | 1.49 | 1.89 | 7.86 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 12:25 | 303.5178009 Winding down 1275 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:26 | 303.5180556 Deploying | 2 | 3360 | 1.86 | 1.54 | 1.91 | 7.84 | 2106 | 1507 | 0 | -5 | -5 | -1 | -5 |
| 10/28/2016 12:26 | 303.5184028 Deploying | 2 | 3390 | 1.89 | 1.54 | 1.93 | 7.89 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 12:26 | 303.5185532 Winding down 1396 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:27 | 303.5187500 Deploying | 2 | 3420 | 1.91 | 1.59 | 1.95 | 7.86 | 2024 | 1496 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:27 | 303.5190972 Deploying | 2 | 3450 | 1.94 | 1.59 | 1.96 | 7.89 | 0 | 0 | 0 | -3 | -5 | -3 | -5 |
| 10/28/2016 12:28 | 303.5194444 Deploying | 2 | 3480 | 1.94 | 1.59 | 1.98 | 7.84 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 12:28 | 303.5197917 Deploying | 2 | 3510 | 1.96 | 1.59 | 2 | 7.87 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:29 | 303.5201389 Deploying | 2 | 3540 | 1.96 | 1.59 | 2.01 | 7.84 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 12:29 | 303.5203704 Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:29 | 303.5204861 Deploying | 2 | 3570 | 1.98 | 1.65 | 2.03 | 7.83 | 2032 | 1490 | 0 | -4 | 1 | -1 | 1 |
| 10/28/2016 12:30 | 303.5208333 Deploying | 2 | 3600 | 2.02 | 1.65 | 2.05 | 7.9 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 12:30 | 303.5211806 Deploying | 2 | 3630 | 2.04 | 1.65 | 2.06 | 7.86 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 12:31 | 303.5215278 Deploying | 2 | 3660 | 2.03 | 1.65 | 2.08 | 7.86 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/28/2016 12:31 | 303.5217361 Winding down 1492 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:31 | 303.5218750 Deploying | 2 | 3690 | 2.05 | 1.71 | 2.1 | 7.89 | 1926 | 1488 | 0 | -1 | -2 | -3 | -2 |
| 10/28/2016 12:32 | 303.5222222 Deploying | 2 | 3720 | 2.08 | 1.71 | 2.12 | 7.86 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/28/2016 12:32 | 303.5225694 Deploying | 2 | 3750 | 2.08 | 1.71 | 2.13 | 7.84 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 12:32 | 303.5226505 Winding down 1436 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:33 | 303.5229167 Deploying | 2 | 3780 | 2.13 | 1.76 | 2.15 | 7.86 | 1900 | 1485 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 12:33 | 303.5232639 Deploying | 2 | 3810 | 2.15 | 1.76 | 2.17 | 7.9 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 12:34 | 303.5236111 Deploying | 2 | 3840 | 2.14 | 1.76 | 2.18 | 7.87 | 0 | 0 | 0 | -5 | -3 | -2 | -3 |
| 10/28/2016 12:34 | 303.5239583 Deploying | 2 | 3870 | 2.16 | 1.76 | 2.2 | 7.86 | 0 | 0 | 0 | -6 | -2 | -4 | -2 |
| 10/28/2016 12:35 | 303.5243056 Deploying | 2 | 3900 | 2.16 | 1.76 | 2.22 | 7.86 | 0 | 0 | 0 | -5 | -6 | -4 | -6 |
| 10/28/2016 12:35 | 303.5244213 Winding down 1454 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:35 | 303.5246528 Deploying | 2 | 3930 | 2.2 | 1.82 | 2.23 | 7.87 | 2149 | 1504 | 0 | -6 | -2 | -3 | -2 |
| 10/28/2016 12:36 | 303.5250000 Deploying | 2 | 3960 | 2.21 | 1.82 | 2.25 | 7.86 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |

| Date | Value | Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10/28/2016 12:36 | 303.5252199 | Winding down 1481 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:36 | 303.5253472 | Deploying | 2 | 3990 | 2.23 | 1.87 | 2.27 | 7.89 | 2040 | 1486 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 12:37 | 303.5256944 | Deploying | 2 | 4020 | 2.27 | 1.87 | 2.29 | 7.86 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:37 | 303.5260417 | Deploying | 2 | 4050 | 2.29 | 1.87 | 2.3 | 7.86 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:38 | 303.5263889 | Deploying | 2 | 4080 | 2.28 | 1.87 | 2.32 | 7.89 | 0 | 0 | 0 | -2 | -4 | -3 | -4 |
| 10/28/2016 12:38 | 303.5267361 | Deploying | 2 | 4110 | 2.27 | 1.87 | 2.34 | 7.83 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:38 | 303.5267361 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:39 | 303.5270833 | Deploying | 2 | 4140 | 2.34 | 1.93 | 2.35 | 7.86 | 1908 | 1466 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 12:39 | 303.5274306 | Deploying | 2 | 4170 | 2.34 | 1.93 | 2.37 | 7.87 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 12:40 | 303.5277778 | Deploying | 2 | 4200 | 2.32 | 1.93 | 2.39 | 7.87 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 12:40 | 303.5279282 | Winding down 1546 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:40 | 303.5281250 | Deploying | 2 | 4230 | 2.37 | 1.99 | 2.4 | 7.86 | 2145 | 1535 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 12:41 | 303.5284722 | Deploying | 2 | 4260 | 2.4 | 1.99 | 2.42 | 7.87 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 12:41 | 303.5288194 | Deploying | 2 | 4290 | 2.4 | 1.99 | 2.44 | 7.84 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 12:41 | 303.5291319 | Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:42 | 303.5291667 | Deploying | 2 | 4320 | 2.4 | 2.06 | 2.46 | 7.92 | 1882 | 1469 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:42 | 303.5295139 | Deploying | 2 | 4350 | 2.48 | 2.06 | 2.47 | 7.86 | 0 | 0 | 0 | -4 | -1 | -1 | -1 |
| 10/28/2016 12:43 | 303.5298611 | Deploying | 2 | 4380 | 2.47 | 2.06 | 2.49 | 7.86 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 12:43 | 303.5302083 | Deploying | 2 | 4410 | 2.48 | 2.06 | 2.51 | 7.86 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/28/2016 12:44 | 303.5305556 | Deploying | 2 | 4440 | 2.48 | 2.06 | 2.52 | 7.81 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 12:44 | 303.5308796 | Winding down 1584 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:44 | 303.5309028 | Deploying | 2 | 4470 | 2.48 | 2.12 | 2.54 | 7.71 | 2113 | 1515 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 12:45 | 303.5312500 | Deploying | 2 | 4500 | 2.54 | 2.12 | 2.56 | 7.86 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/28/2016 12:45 | 303.5315972 | Deploying | 2 | 4530 | 2.53 | 2.12 | 2.57 | 7.84 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/28/2016 12:46 | 303.5319444 | Deploying | 2 | 4560 | 2.54 | 2.12 | 2.59 | 7.84 | 0 | 0 | 0 | -5 | -4 | -3 | -4 |
| 10/28/2016 12:46 | 303.5322569 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:46 | 303.5322917 | Deploying | 2 | 4590 | 2.55 | 2.17 | 2.61 | 7.89 | 1952 | 1487 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 12:47 | 303.5326389 | Deploying | 2 | 4620 | 2.6 | 2.17 | 2.63 | 7.83 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 12:47 | 303.5329861 | Deploying | 2 | 4650 | 2.6 | 2.17 | 2.64 | 7.9 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:47 | 303.5332060 | Winding down 1306 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:48 | 303.5333333 | Deploying | 2 | 4680 | 2.62 | 2.22 | 2.66 | 7.83 | 1918 | 1493 | 0 | -1 | -2 | -3 | -2 |
| 10/28/2016 12:48 | 303.5336806 | Deploying | 2 | 4710 | 2.65 | 2.22 | 2.68 | 7.89 | 0 | 0 | 0 | -4 | -5 | -2 | -5 |
| 10/28/2016 12:49 | 303.5340278 | Deploying | 2 | 4740 | 2.65 | 2.22 | 2.69 | 7.86 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 12:49 | 303.5343750 | Deploying | 2 | 4770 | 2.65 | 2.22 | 2.71 | 7.83 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 12:49 | 303.5346296 | Winding down 1824 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:50 | 303.5347222 | Deploying | 2 | 4800 | 2.68 | 2.29 | 2.73 | 7.84 | 2082 | 1495 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 12:50 | 303.5350694 | Deploying | 2 | 4830 | 2.73 | 2.29 | 2.74 | 7.84 | 0 | 0 | 0 | -4 | -5 | -3 | -5 |
| 10/28/2016 12:51 | 303.5354167 | Deploying | 2 | 4860 | 2.74 | 2.29 | 2.76 | 7.86 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 12:51 | 303.5357639 | Deploying | 2 | 4890 | 2.74 | 2.29 | 2.78 | 7.87 | 0 | 0 | 0 | -5 | -4 | -2 | -4 |
| 10/28/2016 12:52 | 303.5361111 | Deploying | 2 | 4920 | 2.73 | 2.29 | 2.8 | 7.87 | 0 | 0 | 0 | -2 | -4 | -3 | -4 |
| 10/28/2016 12:52 | 303.5361343 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:52 | 303.5364583 | Deploying | 2 | 4950 | 2.8 | 2.35 | 2.81 | 7.87 | 2147 | 1538 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:53 | 303.5368056 | Deploying | 2 | 4980 | 2.79 | 2.35 | 2.83 | 7.86 | 0 | 0 | 0 | -5 | -2 | -3 | -2 |
| 10/28/2016 12:53 | 303.5371528 | Deploying | 2 | 5010 | 2.8 | 2.35 | 2.85 | 7.87 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:53 | 303.5374653 | Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:54 | 303.5375000 | Deploying | 2 | 5040 | 2.81 | 2.4 | 2.86 | 7.84 | 1914 | 1491 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 12:54 | 303.5378472 | Deploying | 2 | 5070 | 2.86 | 2.4 | 2.88 | 7.86 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/28/2016 12:55 | 303.5381944 | Deploying | 2 | 5100 | 2.86 | 2.4 | 2.9 | 7.86 | 0 | 0 | 0 | -5 | -2 | -3 | -2 |
| 10/28/2016 12:55 | 303.5385417 | Deploying | 2 | 5130 | 2.85 | 2.4 | 2.91 | 7.84 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 12:55 | 303.5386806 | Winding down 1907 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:56 | 303.5388889 | Deploying | 2 | 5160 | 2.91 | 2.47 | 2.93 | 7.83 | 1977 | 1467 | 0 | -6 | -4 | -3 | -4 |
| 10/28/2016 12:56 | 303.5392361 | Deploying | 2 | 5190 | 2.93 | 2.47 | 2.95 | 7.87 | 0 | 0 | 0 | -6 | -3 | -3 | -3 |
| 10/28/2016 12:57 | 303.5395833 | Deploying | 2 | 5220 | 2.94 | 2.47 | 2.97 | 7.83 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 12:57 | 303.5399306 | Deploying | 2 | 5250 | 2.93 | 2.47 | 2.98 | 7.84 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 12:58 | 303.5402778 | Deploying | 2 | 5280 | 2.93 | 2.47 | 3 | 7.79 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |

| Date/Time | Code Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10/28/2016 12:58 | 303.5402894 Winding down 1876 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:58 | 303.5406250 Deploying | 2 | 5310 | 3 | 2.54 | 3.02 | 7.84 | 1899 | 1492 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 12:59 | 303.5409722 Deploying | 2 | 5340 | 2.99 | 2.54 | 3.03 | 7.89 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 12:59 | 303.5413194 Deploying | 2 | 5370 | 3.01 | 2.54 | 3.05 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 13:00 | 303.5416667 Deploying | 2 | 5400 | 3.01 | 2.54 | 3.07 | 7.83 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| 10/28/2016 13:00 | 303.5416898 Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:00 | 303.5420139 Deploying | 2 | 5430 | 3.07 | 2.6 | 3.08 | 7.86 | 2196 | 1521 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 13:01 | 303.5423611 Deploying | 2 | 5460 | 3.08 | 2.6 | 3.1 | 7.84 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/28/2016 13:01 | 303.5427083 Deploying | 2 | 5490 | 3.07 | 2.6 | 3.12 | 7.84 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 13:02 | 303.5430556 Deploying | 2 | 5520 | 3.08 | 2.6 | 3.14 | 7.81 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 13:02 | 303.5431481 Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:02 | 303.5434028 Deploying | 2 | 5550 | 3.12 | 2.67 | 3.15 | 7.84 | 2020 | 1485 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 13:03 | 303.5437500 Deploying | 2 | 5580 | 3.14 | 2.67 | 3.17 | 7.86 | 0 | 0 | 0 | -1 | -2 | -3 | -2 |
| 10/28/2016 13:03 | 303.5440972 Deploying | 2 | 5610 | 3.14 | 2.67 | 3.19 | 7.79 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/28/2016 13:04 | 303.5444444 Deploying | 2 | 5640 | 3.15 | 2.67 | 3.2 | 7.83 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 13:04 | 303.5444676 Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:04 | 303.5447917 Deploying | 2 | 5670 | 3.2 | 2.72 | 3.22 | 7.86 | 2029 | 1503 | 0 | -5 | -2 | -3 | -2 |
| 10/28/2016 13:05 | 303.5451389 Deploying | 2 | 5700 | 3.22 | 2.72 | 3.24 | 7.87 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 13:05 | 303.5454861 Deploying | 2 | 5730 | 3.2 | 2.72 | 3.25 | 7.81 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 13:05 | 303.5456481 Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:06 | 303.5458333 Deploying | 2 | 5760 | 3.24 | 2.78 | 3.27 | 7.83 | 2019 | 1499 | 0 | -6 | -4 | -4 | -4 |
| 10/28/2016 13:06 | 303.5461806 Deploying | 2 | 5790 | 3.27 | 2.78 | 3.29 | 7.81 | 0 | 0 | 0 | -1 | -4 | -2 | -4 |
| 10/28/2016 13:07 | 303.5465278 Deploying | 2 | 5820 | 3.26 | 2.78 | 3.31 | 7.79 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 13:07 | 303.5468750 Deploying | 2 | 5850 | 3.27 | 2.78 | 3.32 | 7.81 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 13:07 | 303.5471065 Winding down 1895 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:08 | 303.5472222 Deploying | 2 | 5880 | 3.29 | 2.85 | 3.34 | 7.81 | 2111 | 1521 | 0 | -3 | 2 | -1 | 2 |
| 10/28/2016 13:08 | 303.5475694 Deploying | 2 | 5910 | 3.35 | 2.85 | 3.36 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 13:09 | 303.5479167 Deploying | 2 | 5940 | 3.36 | 2.85 | 3.37 | 7.81 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 13:09 | 303.5482639 Deploying | 2 | 5970 | 3.33 | 2.85 | 3.39 | 7.79 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 13:09 | 303.5483796 Winding down 1479 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:10 | 303.5486111 Deploying | 2 | 6000 | 3.39 | 2.91 | 3.41 | 7.81 | 2061 | 1520 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 13:10 | 303.5489583 Deploying | 2 | 6030 | 3.4 | 2.91 | 3.42 | 7.84 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 13:11 | 303.5493056 Deploying | 2 | 6060 | 3.41 | 2.91 | 3.44 | 7.87 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 13:11 | 303.5496528 Deploying | 2 | 6090 | 3.41 | 2.91 | 3.46 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 13:12 | 303.5500000 Deploying | 2 | 6120 | 3.42 | 2.91 | 3.48 | 7.84 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 10/28/2016 13:12 | 303.5501389 Winding down 1732 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:12 | 303.5503472 Deploying | 2 | 6150 | 3.44 | 2.98 | 3.49 | 7.83 | 2097 | 1507 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 13:13 | 303.5506944 Deploying | 2 | 6180 | 3.46 | 2.98 | 3.51 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 13:13 | 303.5507176 Winding down 1365 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:13 | 303.5510417 Deploying | 2 | 6210 | 3.53 | 3.03 | 3.53 | 7.83 | 1875 | 1467 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 13:14 | 303.5513889 Deploying | 2 | 6240 | 3.53 | 3.03 | 3.54 | 7.83 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 13:14 | 303.5517361 Deploying | 2 | 6270 | 3.53 | 3.03 | 3.56 | 7.83 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 13:15 | 303.5520833 Deploying | 2 | 6300 | 3.53 | 3.03 | 3.58 | 7.86 | 0 | 0 | 0 | -1 | -3 | -3 | -3 |
| 10/28/2016 13:15 | 303.5523727 Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:15 | 303.5524306 Deploying | 2 | 6330 | 3.55 | 3.09 | 3.59 | 7.84 | 1901 | 1486 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 13:16 | 303.5527778 Deploying | 2 | 6360 | 3.59 | 3.09 | 3.61 | 7.79 | 0 | 0 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 13:16 | 303.5531250 Deploying | 2 | 6390 | 3.6 | 3.09 | 3.63 | 7.81 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/28/2016 13:17 | 303.5534722 Deploying | 2 | 6420 | 3.61 | 3.09 | 3.65 | 7.86 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 13:17 | 303.5538194 Deploying | 2 | 6450 | 3.59 | 3.09 | 3.66 | 7.84 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 13:17 | 303.5538426 Winding down 1940 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:18 | 303.5541667 Deploying | 2 | 6480 | 3.66 | 3.16 | 3.68 | 7.81 | 2232 | 1555 | 0 | -5 | -2 | -1 | -2 |
| 10/28/2016 13:18 | 303.5545139 Deploying | 2 | 6510 | 3.66 | 3.16 | 3.7 | 7.81 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/28/2016 13:19 | 303.5548611 Deploying | 2 | 6540 | 3.68 | 3.16 | 3.71 | 7.79 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 10/28/2016 13:19 | 303.5552083 Deploying | 2 | 6570 | 3.66 | 3.16 | 3.73 | 7.86 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 13:19 | 303.5553009 Winding down 2000 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:20 | 303.5555556 Deploying | 2 | 6600 | 3.72 | 3.24 | 3.75 | 7.86 | 2097 | 1524 | 0 | -1 | -2 | -1 | -2 |
| 10/28/2016 13:20 | 303.5559028 Deploying | 2 | 6630 | 3.75 | 3.24 | 3.76 | 7.79 | 0 | 0 | 0 | -4 | -1 | -1 | -1 |
| 10/28/2016 13:21 | 303.5562500 Deploying | 2 | 6660 | 3.78 | 3.24 | 3.78 | 7.84 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 13:21 | 303.5565972 Deploying | 2 | 6690 | 3.77 | 3.24 | 3.8 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 13:22 | 303.5569444 Deploying | 2 | 6720 | 3.76 | 3.24 | 3.82 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 13:22 | 303.5570486 Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:22 | 303.5572917 Deploying | 2 | 6750 | 3.79 | 3.29 | 3.83 | 7.81 | 1811 | 1451 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 13:23 | 303.5576389 Deploying | 2 | 6780 | 3.82 | 3.29 | 3.85 | 7.83 | 0 | 0 | 0 | -4 | -4 | -1 | -4 |
| 10/28/2016 13:23 | 303.5579861 Deploying | 2 | 6810 | 3.81 | 3.29 | 3.87 | 7.83 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 13:23 | 303.5581481 Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:24 | 303.5583333 Deploying | 2 | 6840 | 3.85 | 3.36 | 3.88 | 7.81 | 1962 | 1452 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 13:24 | 303.5586806 Deploying | 2 | 6870 | 3.9 | 3.36 | 3.9 | 7.84 | 0 | 0 | 0 | -5 | -3 | -2 | -3 |
| 10/28/2016 13:25 | 303.5590278 Deploying | 2 | 6900 | 3.89 | 3.36 | 3.92 | 7.84 | 0 | 0 | 0 | -2 | -4 | -3 | -4 |
| 10/28/2016 13:25 | 303.5593750 Deploying | 2 | 6930 | 3.88 | 3.36 | 3.93 | 7.79 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 13:25 | 303.5596528 Winding down 1552 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:26 | 303.5597222 Deploying | 2 | 6960 | 3.9 | 3.41 | 3.95 | 7.83 | 1928 | 1461 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 13:26 | 303.5600694 Deploying | 2 | 6990 | 3.96 | 3.41 | 3.97 | 7.79 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 13:27 | 303.5604167 Deploying | 2 | 7020 | 3.93 | 3.41 | 3.99 | 7.84 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 13:27 | 303.5607292 Winding down 1445 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:27 | 303.5607639 Deploying | 2 | 7050 | 3.95 | 3.47 | 4 | 7.84 | 1929 | 1481 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 13:28 | 303.5611111 Deploying | 2 | 7080 | 4.02 | 3.47 | 4.02 | 7.81 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 13:28 | 303.5614583 Deploying | 2 | 7110 | 4.01 | 3.47 | 4.04 | 7.81 | 0 | 0 | 0 | -4 | -5 | -2 | -5 |
| 10/28/2016 13:29 | 303.5618056 Deploying | 2 | 7140 | 4.02 | 3.47 | 4.05 | 7.79 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 13:29 | 303.5621528 Deploying | 2 | 7170 | 4.02 | 3.47 | 4.07 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 13:29 | 303.5624074 Winding down 1774 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:30 | 303.5625000 Deploying | 2 | 7200 | 4.03 | 3.54 | 4.09 | 7.76 | 2215 | 1556 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 13:30 | 303.5628472 Deploying | 2 | 7230 | 4.08 | 3.54 | 4.1 | 7.81 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 13:31 | 303.5631944 Deploying | 2 | 7260 | 4.08 | 3.54 | 4.12 | 7.81 | 0 | 0 | 0 | -4 | 1 | -1 | 1 |
| 10/28/2016 13:31 | 303.5635417 Deploying | 2 | 7290 | 4.08 | 3.54 | 4.14 | 7.84 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 13:31 | 303.5636806 Winding down 1382 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:32 | 303.5638889 Deploying | 2 | 7320 | 4.12 | 3.59 | 4.16 | 7.84 | 1957 | 1501 | 0 | 0 | -2 | -1 | -2 |
| 10/28/2016 13:32 | 303.5642361 Deploying | 2 | 7350 | 4.14 | 3.59 | 4.17 | 7.83 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 13:33 | 303.5645833 Deploying | 2 | 7380 | 4.14 | 3.59 | 4.19 | 7.76 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 13:33 | 303.5649306 Deploying | 2 | 7410 | 4.15 | 3.59 | 4.21 | 7.86 | 0 | 0 | 0 | -4 | -3 | -1 | -3 |
| 10/28/2016 13:33 | 303.5650810 Winding down 1896 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:34 | 303.5652778 Deploying | 2 | 7440 | 4.18 | 3.66 | 4.22 | 7.79 | 2026 | 1500 | 0 | -1 | -2 | -1 | -2 |
| 10/28/2016 13:34 | 303.5656250 Deploying | 2 | 7470 | 4.21 | 3.66 | 4.24 | 7.78 | 0 | 0 | 0 | 0 | -2 | -2 | -2 |
| 10/28/2016 13:35 | 303.5659722 Deploying | 2 | 7500 | 4.22 | 3.66 | 4.26 | 7.79 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 13:35 | 303.5663194 Deploying | 2 | 7530 | 4.22 | 3.66 | 4.27 | 7.81 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 13:35 | 303.5664352 Winding down 1254 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:36 | 303.5666667 Deploying | 2 | 7560 | 4.25 | 3.71 | 4.29 | 7.81 | 1936 | 1501 | 0 | -1 | -3 | -2 | -3 |
| 10/28/2016 13:36 | 303.5670139 Deploying | 2 | 7590 | 4.27 | 3.71 | 4.31 | 7.78 | 0 | 0 | 0 | -2 | -5 | -1 | -5 |
| 10/28/2016 13:37 | 303.5673611 Deploying | 2 | 7620 | 4.26 | 3.71 | 4.33 | 7.79 | 0 | 0 | 0 | 1 | 0 | -2 | 0 |
| 10/28/2016 13:37 | 303.5674306 Winding down 1872 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:37 | 303.5677083 Deploying | 2 | 7650 | 4.28 | 3.78 | 4.34 | 7.81 | 1945 | 1491 | 0 | -2 | -3 | 0 | -3 |
| 10/28/2016 13:37 | 303.5678704 Winding down 1285 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:38 | 303.5680556 Deploying | 2 | 7680 | 4.35 | 3.83 | 4.36 | 7.84 | 1929 | 1503 | 0 | -5 | -3 | -2 | -3 |
| 10/28/2016 13:38 | 303.5684028 Deploying | 2 | 7710 | 4.4 | 3.83 | 4.38 | 7.86 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 13:39 | 303.5687500 Deploying | 2 | 7740 | 4.38 | 3.83 | 4.39 | 7.81 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 13:39 | 303.5690972 Deploying | 2 | 7770 | 4.38 | 3.83 | 4.41 | 7.79 | 0 | 0 | 0 | -4 | -2 | -1 | -2 |
| 10/28/2016 13:40 | 303.5694444 Deploying | 2 | 7800 | 4.39 | 3.83 | 4.43 | 7.78 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 13:40 | 303.5697917 Deploying | 2 | 7830 | 4.42 | 3.83 | 4.44 | 7.83 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 13:41 | 303.5701389 Deploying | 2 | 7860 | 4.41 | 3.83 | 4.46 | 7.78 | 0 | 0 | 0 | -1 | -2 | -3 | -2 |
| 10/28/2016 13:41 | 303.5703125 Winding down 1350 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:41 | 303.5704861 Deploying | 2 | 7890 | 4.44 | 3.88 | 4.48 | 7.78 | 2056 | 1511 | 0 | -3 | -3 | -3 | -3 |

| Date | Time | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:42 | 303.5708333 Deploying | 2 | 7920 | 4.47 | 3.88 | 4.5 | 7.83 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/28/2016 13:42 | 303.5711806 Deploying | 2 | 7950 | 4.46 | 3.88 | 4.51 | 7.79 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 13:42 | 303.5715162 Winding down 1698 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:43 | 303.5715278 Deploying | 2 | 7980 | 4.46 | 3.94 | 4.53 | 7.81 | 2162 | 1520 | 0 | -1 | -4 | -2 | -4 |
| 10/28/2016 13:43 | 303.5718750 Deploying | 2 | 8010 | 4.54 | 3.94 | 4.55 | 7.83 | 2162 | 116 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 13:44 | 303.5722222 Deploying | 2 | 8040 | 4.52 | 3.94 | 4.56 | 7.79 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 13:44 | 303.5725694 Deploying | 2 | 8070 | 4.54 | 3.94 | 4.58 | 7.81 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 13:45 | 303.5729167 Deploying | 2 | 8100 | 4.53 | 3.94 | 4.6 | 7.83 | 0 | 0 | 0 | 0 | -2 | -1 | -2 |
| 10/28/2016 13:45 | 303.5729282 Winding down 1901 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:45 | 303.5732639 Deploying | 2 | 8130 | 4.59 | 4.02 | 4.61 | 7.81 | 2162 | 1512 | 0 | -4 | -3 | -1 | -3 |
| 10/28/2016 13:46 | 303.5736111 Deploying | 2 | 8160 | 4.59 | 4.02 | 4.63 | 7.76 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 13:46 | 303.5739583 Deploying | 2 | 8190 | 4.59 | 4.02 | 4.65 | 7.81 | 0 | 0 | 0 | -3 | 0 | -1 | 0 |
| 10/28/2016 13:46 | 303.5740046 Winding down 1544 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:47 | 303.5743056 Deploying | 2 | 8220 | 4.66 | 4.08 | 4.67 | 7.76 | 1878 | 1471 | 0 | -2 | -3 | -1 | -3 |
| 10/28/2016 13:47 | 303.5746528 Deploying | 2 | 8250 | 4.66 | 4.08 | 4.68 | 7.76 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 13:48 | 303.5750000 Deploying | 2 | 8280 | 4.66 | 4.08 | 4.7 | 7.84 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/28/2016 13:48 | 303.5753472 Deploying | 2 | 8310 | 4.66 | 4.08 | 4.72 | 7.81 | 0 | 0 | 0 | -4 | -5 | -1 | -5 |
| 10/28/2016 13:48 | 303.5755324 Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:49 | 303.5756944 Deploying | 2 | 8340 | 4.7 | 4.14 | 4.73 | 7.86 | 2066 | 1526 | 0 | -2 | -3 | -1 | -3 |
| 10/28/2016 13:49 | 303.5760417 Deploying | 2 | 8370 | 4.72 | 4.14 | 4.75 | 7.83 | 0 | 0 | 0 | -5 | -4 | -1 | -4 |
| 10/28/2016 13:50 | 303.5763889 Deploying | 2 | 8400 | 4.73 | 4.14 | 4.77 | 7.81 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 13:50 | 303.5767361 Deploying | 2 | 8430 | 4.73 | 4.14 | 4.78 | 7.81 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 13:50 | 303.5769097 Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:51 | 303.5770833 Deploying | 2 | 8460 | 4.77 | 4.2 | 4.8 | 7.84 | 1845 | 1453 | 0 | -1 | -2 | -1 | -2 |
| 10/28/2016 13:51 | 303.5774306 Deploying | 2 | 8490 | 4.79 | 4.2 | 4.82 | 7.78 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 13:52 | 303.5777778 Deploying | 2 | 8520 | 4.79 | 4.2 | 4.84 | 7.79 | 0 | 0 | 0 | -3 | -1 | 0 | -1 |
| 10/28/2016 13:52 | 303.5780903 Winding down 1770 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:52 | 303.5781250 Deploying | 2 | 8550 | 4.79 | 4.27 | 4.85 | 7.81 | 2130 | 1473 | 0 | -1 | -1 | -1 | -1 |
| 10/28/2016 13:53 | 303.5784722 Deploying | 2 | 8580 | 4.87 | 4.27 | 4.87 | 7.81 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 13:53 | 303.5788194 Deploying | 2 | 8610 | 4.85 | 4.27 | 4.89 | 7.79 | 0 | 0 | 0 | -3 | -1 | 0 | -1 |
| 10/28/2016 13:54 | 303.5791667 Deploying | 2 | 8640 | 4.85 | 4.27 | 4.9 | 7.83 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 13:54 | 303.5795139 Deploying | 2 | 8670 | 4.89 | 4.27 | 4.92 | 7.81 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/28/2016 13:54 | 303.5798148 Winding down 1905 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:55 | 303.5798611 Deploying | 2 | 8700 | 4.86 | 4.34 | 4.94 | 7.81 | 1919 | 1503 | 0 | -4 | 1 | -1 | 1 |
| 10/28/2016 13:55 | 303.5802083 Deploying | 2 | 8730 | 4.93 | 4.34 | 4.95 | 7.81 | 0 | 0 | 0 | -5 | -3 | -2 | -3 |
| 10/28/2016 13:56 | 303.5805556 Deploying | 2 | 8760 | 4.96 | 4.34 | 4.97 | 7.78 | 0 | 0 | 0 | -3 | 0 | -1 | 0 |
| 10/28/2016 13:56 | 303.5809028 Deploying | 2 | 8790 | 4.95 | 4.34 | 4.99 | 7.81 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 13:57 | 303.5812500 Deploying | 2 | 8820 | 4.95 | 4.34 | 5.01 | 7.79 | 0 | 0 | 0 | -3 | 0 | -1 | 0 |
| 10/28/2016 13:57 | 303.5812963 Winding down 1469 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:57 | 303.5815972 Deploying | 2 | 8850 | 4.99 | 4.4 | 5.02 | 7.78 | 2159 | 1500 | 0 | 0 | -2 | -1 | -2 |
| 10/28/2016 13:58 | 303.5819444 Deploying | 2 | 8880 | 5.02 | 4.4 | 5.04 | 7.84 | 0 | 0 | 0 | -2 | 0 | -1 | 0 |
| 10/28/2016 13:58 | 303.5822917 Deploying | 2 | 8910 | 5 | 4.4 | 5.06 | 7.78 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/28/2016 13:59 | 303.5826389 Deploying | 2 | 8940 | 5.03 | 4.4 | 5.07 | 7.76 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 13:59 | 303.5828125 Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:59 | 303.5829861 Deploying | 2 | 8970 | 5.05 | 4.46 | 5.09 | 7.79 | 1926 | 1493 | 0 | -1 | -2 | -1 | -2 |
| 10/28/2016 14:00 | 303.5833333 Deploying | 2 | 9000 | 5.09 | 4.46 | 5.11 | 7.81 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 14:00 | 303.5836806 Deploying | 2 | 9030 | 5.07 | 4.46 | 5.12 | 7.79 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 14:00 | 303.5838657 Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:01 | 303.5840278 Deploying | 2 | 9060 | 5.09 | 4.52 | 5.14 | 7.83 | 1867 | 1468 | 0 | 0 | -4 | -2 | -4 |
| 10/28/2016 14:01 | 303.5843750 Deploying | 2 | 9090 | 5.16 | 4.52 | 5.16 | 7.76 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 14:02 | 303.5847222 Deploying | 2 | 9120 | 5.13 | 4.52 | 5.18 | 7.79 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 14:02 | 303.5850694 Deploying | 2 | 9150 | 5.17 | 4.52 | 5.19 | 7.83 | 0 | 0 | 0 | -6 | -3 | -3 | -3 |
| 10/28/2016 14:03 | 303.5854167 Deploying | 2 | 9180 | 5.16 | 4.52 | 5.21 | 7.78 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 14:03 | 303.5855440 Winding down 1768 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:03 | 303.5857639 Deploying | 2 | 9210 | 5.19 | 4.59 | 5.23 | 7.83 | 2110 | 1506 | 0 | -3 | -1 | -1 | -1 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:04 | 303.5861111 Deploying | 2 | 9240 | 5.22 | 4.59 | 5.24 | 7.78 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 14:04 | 303.5864583 Deploying | 2 | 9270 | 5.22 | 4.59 | 5.26 | 7.79 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 14:05 | 303.5868056 Deploying | 2 | 9300 | 5.22 | 4.59 | 5.28 | 7.76 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 14:05 | 303.5868287 Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:05 | 303.5871528 Deploying | 2 | 9330 | 5.27 | 4.65 | 5.29 | 7.79 | 2083 | 1492 | 0 | -5 | -3 | -2 | -3 |
| 10/28/2016 14:06 | 303.5875000 Deploying | 2 | 9360 | 5.29 | 4.65 | 5.31 | 7.78 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 14:06 | 303.5878472 Deploying | 2 | 9390 | 5.29 | 4.65 | 5.33 | 7.76 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 14:07 | 303.5881944 Deploying | 2 | 9420 | 5.3 | 4.65 | 5.35 | 7.81 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 14:07 | 303.5884606 Winding down 2163 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:07 | 303.5885417 Deploying | 2 | 9450 | 5.29 | 4.73 | 5.36 | 7.79 | 2170 | 1524 | 0 | -3 | -1 | 0 | -1 |
| 10/28/2016 14:08 | 303.5888889 Deploying | 2 | 9480 | 5.36 | 4.73 | 5.38 | 7.79 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 14:08 | 303.5892361 Deploying | 2 | 9510 | 5.36 | 4.73 | 5.4 | 7.78 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 14:09 | 303.5895833 Deploying | 2 | 9540 | 5.36 | 4.73 | 5.41 | 7.81 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/28/2016 14:09 | 303.5897106 Winding down 1418 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:09 | 303.5899306 Deploying | 2 | 9570 | 5.42 | 4.79 | 5.43 | 7.84 | 1915 | 1464 | 0 | -5 | -2 | -3 | -2 |
| 10/28/2016 14:10 | 303.5902778 Deploying | 2 | 9600 | 5.44 | 4.79 | 5.45 | 7.79 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 14:10 | 303.5906250 Deploying | 2 | 9630 | 5.43 | 4.79 | 5.46 | 7.76 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 14:11 | 303.5909722 Deploying | 2 | 9660 | 5.45 | 4.79 | 5.48 | 7.78 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 14:11 | 303.5913194 Deploying | 2 | 9690 | 5.42 | 4.79 | 5.5 | 7.83 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 14:11 | 303.5914005 Winding down 2086 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:12 | 303.5916667 Deploying | 2 | 9720 | 5.5 | 4.87 | 5.52 | 7.78 | 1905 | 1487 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 14:12 | 303.5920139 Deploying | 2 | 9750 | 5.52 | 4.87 | 5.53 | 7.81 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 14:13 | 303.5923611 Deploying | 2 | 9780 | 5.5 | 4.87 | 5.55 | 7.75 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 14:13 | 303.5926736 Winding down 1895 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:13 | 303.5927083 Deploying | 2 | 9810 | 5.5 | 4.94 | 5.57 | 7.79 | 1924 | 1472 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 14:14 | 303.5930556 Deploying | 2 | 9840 | 5.59 | 4.94 | 5.58 | 7.76 | 0 | 0 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 14:14 | 303.5934028 Deploying | 2 | 9870 | 5.57 | 4.94 | 5.6 | 7.79 | 0 | 0 | 0 | -4 | -3 | -1 | -3 |
| 10/28/2016 14:15 | 303.5937500 Deploying | 2 | 9900 | 5.58 | 4.94 | 5.62 | 7.78 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 10/28/2016 14:15 | 303.5940972 Deploying | 2 | 9930 | 5.61 | 4.94 | 5.63 | 7.76 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 14:16 | 303.5944444 Deploying | 2 | 9960 | 5.58 | 4.94 | 5.65 | 7.79 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 10/28/2016 14:16 | 303.5945718 Winding down 1893 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:16 | 303.5947917 Deploying | 2 | 9990 | 5.63 | 5.01 | 5.67 | 7.75 | 2125 | 1494 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 14:17 | 303.5951389 Deploying | 2 | 10020 | 5.66 | 5.01 | 5.69 | 7.78 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 14:17 | 303.5954861 Deploying | 2 | 10050 | 5.66 | 5.01 | 5.7 | 7.79 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 14:18 | 303.5958333 Deploying | 2 | 10080 | 5.66 | 5.01 | 5.72 | 7.76 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 14:18 | 303.5959259 Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:18 | 303.5961806 Deploying | 2 | 10110 | 5.71 | 5.07 | 5.74 | 7.81 | 2173 | 1543 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 14:19 | 303.5965278 Deploying | 2 | 10140 | 5.73 | 5.07 | 5.75 | 7.79 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 14:19 | 303.5968750 Deploying | 2 | 10170 | 5.73 | 5.07 | 5.77 | 7.78 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 14:20 | 303.5972222 Deploying | 2 | 10200 | 5.74 | 5.07 | 5.79 | 7.76 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 14:20 | 303.5974190 Winding down 2028 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:20 | 303.5975694 Deploying | 2 | 10230 | 5.74 | 5.15 | 5.8 | 7.79 | 1935 | 1491 | 0 | 2 | -1 | 0 | -1 |
| 10/28/2016 14:21 | 303.5979167 Deploying | 2 | 10260 | 5.81 | 5.15 | 5.82 | 7.78 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 14:21 | 303.5982639 Deploying | 2 | 10290 | 5.81 | 5.15 | 5.84 | 7.78 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 14:22 | 303.5986111 Deploying | 2 | 10320 | 5.81 | 5.15 | 5.86 | 7.83 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| 10/28/2016 14:22 | 303.5989583 Deploying | 2 | 10350 | 5.83 | 5.15 | 5.87 | 7.78 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 14:22 | 303.5990856 Winding down 1743 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:23 | 303.5993056 Deploying | 2 | 10380 | 5.83 | 5.22 | 5.89 | 7.79 | 1871 | 1462 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 14:23 | 303.5996528 Deploying | 2 | 10410 | 5.87 | 5.22 | 5.91 | 7.79 | 0 | 0 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 14:24 | 303.6000000 Deploying | 2 | 10440 | 5.89 | 5.22 | 5.92 | 7.79 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 14:24 | 303.6003241 Winding down 1459 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:24 | 303.6003472 Deploying | 2 | 10470 | 5.88 | 5.27 | 5.94 | 7.73 | 2032 | 1483 | 0 | -3 | -3 | -1 | -3 |
| 10/28/2016 14:25 | 303.6006944 Deploying | 2 | 10500 | 5.94 | 5.27 | 5.96 | 7.79 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 14:25 | 303.6010417 Deploying | 2 | 10530 | 5.94 | 5.27 | 5.97 | 7.76 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 14:26 | 303.6013889 Deploying | 2 | 10560 | 5.92 | 5.27 | 5.99 | 7.83 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |

| Date/Time | Value | Status | N | c1 | c2 | c3 | c4 | c5 | c6 | c7 | c8 | c9 | c10 | c11 | c12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:26 | 303.6015162 | Winding down 1818 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:26 | 303.6017361 | Deploying | 2 | 10590 | 5.99 | 5.34 | 6.01 | 7.78 | 1959 | 1457 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 14:27 | 303.6020833 | Deploying | 2 | 10620 | 6.01 | 5.34 | 6.03 | 7.78 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 14:27 | 303.6024306 | Deploying | 2 | 10650 | 5.99 | 5.34 | 6.04 | 7.81 | 0 | 0 | 0 | 0 | -2 | -2 | -2 |
| 10/28/2016 14:27 | 303.6025231 | Winding down 1275 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:28 | 303.6027778 | Deploying | 2 | 10680 | 6.05 | 5.39 | 6.06 | 7.75 | 2098 | 1483 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 14:28 | 303.6031250 | Deploying | 2 | 10710 | 6.04 | 5.39 | 6.08 | 7.76 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 14:29 | 303.6034722 | Deploying | 2 | 10740 | 6.06 | 5.39 | 6.09 | 7.81 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 14:29 | 303.6038194 | Deploying | 2 | 10770 | 6.03 | 5.39 | 6.11 | 7.71 | 0 | 0 | 0 | -4 | -2 | -1 | -2 |
| 10/28/2016 14:29 | 303.6039468 | Winding down 2268 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:30 | 303.6041667 | Deploying | 2 | 10800 | 6.09 | 5.48 | 6.13 | 7.76 | 1926 | 1488 | 0 | -4 | -2 | -1 | -2 |
| 10/28/2016 14:30 | 303.6045139 | Deploying | 2 | 10830 | 6.15 | 5.48 | 6.14 | 7.76 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 10/28/2016 14:31 | 303.6048611 | Deploying | 2 | 10860 | 6.14 | 5.48 | 6.16 | 7.76 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 14:31 | 303.6052083 | Deploying | 2 | 10890 | 6.13 | 5.48 | 6.18 | 7.75 | 0 | 0 | 0 | -3 | -4 | -1 | -4 |
| 10/28/2016 14:32 | 303.6055556 | Deploying | 2 | 10920 | 6.14 | 5.48 | 6.2 | 7.75 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 14:32 | 303.6056481 | Winding down 1475 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:32 | 303.6059028 | Deploying | 2 | 10950 | 6.19 | 5.54 | 6.21 | 7.76 | 2131 | 1518 | 0 | -2 | -5 | -1 | -5 |
| 10/28/2016 14:33 | 303.6062500 | Deploying | 2 | 10980 | 6.19 | 5.54 | 6.23 | 7.75 | 0 | 0 | 0 | 1 | 0 | -1 | 0 |
| 10/28/2016 14:33 | 303.6065972 | Deploying | 2 | 11010 | 6.21 | 5.54 | 6.25 | 7.79 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 10/28/2016 14:34 | 303.6069444 | Deploying | 2 | 11040 | 6.18 | 5.54 | 6.26 | 7.75 | 0 | 0 | 0 | 1 | -1 | 0 | -1 |
| 10/28/2016 14:34 | 303.6069560 | Winding down 2151 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:34 | 303.6072917 | Deploying | 2 | 11070 | 6.28 | 5.62 | 6.28 | 7.76 | 2137 | 1514 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 14:35 | 303.6076389 | Deploying | 2 | 11100 | 6.26 | 5.62 | 6.3 | 7.76 | 0 | 0 | 0 | -1 | -3 | -1 | -3 |
| 10/28/2016 14:35 | 303.6079861 | Deploying | 2 | 11130 | 6.29 | 5.62 | 6.31 | 7.75 | 0 | 0 | 0 | -3 | 1 | -1 | 1 |
| 10/28/2016 14:36 | 303.6083333 | Deploying | 2 | 11160 | 6.29 | 5.62 | 6.33 | 7.75 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 14:36 | 303.6085995 | Winding down 1513 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:36 | 303.6086806 | Deploying | 2 | 11190 | 6.3 | 5.67 | 6.35 | 7.83 | 2013 | 1482 | 0 | -4 | -2 | -1 | -2 |
| 10/28/2016 14:37 | 303.6090278 | Deploying | 2 | 11220 | 6.36 | 5.67 | 6.37 | 7.78 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 14:37 | 303.6093750 | Deploying | 2 | 11250 | 6.37 | 5.67 | 6.38 | 7.75 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 14:38 | 303.6097222 | Deploying | 2 | 11280 | 6.36 | 5.67 | 6.4 | 7.81 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 14:38 | 303.6100694 | Deploying | 2 | 11310 | 6.36 | 5.67 | 6.42 | 7.76 | 0 | 0 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 14:38 | 303.6100810 | Winding down 1451 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:39 | 303.6104167 | Deploying | 2 | 11340 | 6.42 | 5.73 | 6.43 | 7.76 | 2205 | 1550 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 14:39 | 303.6107639 | Deploying | 2 | 11370 | 6.42 | 5.73 | 6.45 | 7.78 | 0 | 0 | 0 | -3 | -5 | -2 | -5 |
| 10/28/2016 14:40 | 303.6111111 | Deploying | 2 | 11400 | 6.42 | 5.73 | 6.47 | 7.79 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 14:40 | 303.6114583 | Deploying | 2 | 11430 | 6.43 | 5.73 | 6.48 | 7.76 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 14:40 | 303.6114931 | Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:41 | 303.6118056 | Deploying | 2 | 11460 | 6.47 | 5.79 | 6.5 | 7.71 | 2074 | 1526 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 14:41 | 303.6121528 | Deploying | 2 | 11490 | 6.47 | 5.79 | 6.52 | 7.75 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 14:41 | 303.6123148 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:42 | 303.6125000 | Deploying | 2 | 11520 | 6.49 | 5.85 | 6.54 | 7.79 | 2093 | 1499 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 14:42 | 303.6128472 | Deploying | 2 | 11550 | 6.53 | 5.85 | 6.55 | 7.78 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 14:43 | 303.6131944 | Deploying | 2 | 11580 | 6.55 | 5.85 | 6.57 | 7.75 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 14:43 | 303.6135417 | Deploying | 2 | 11610 | 6.55 | 5.85 | 6.59 | 7.75 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 14:44 | 303.6138889 | Deploying | 2 | 11640 | 6.53 | 5.85 | 6.6 | 7.73 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 10/28/2016 14:44 | 303.6139815 | Winding down 1975 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:44 | 303.6142361 | Deploying | 2 | 11670 | 6.6 | 5.93 | 6.62 | 7.76 | 1876 | 1455 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 14:45 | 303.6145833 | Deploying | 2 | 11700 | 6.62 | 5.93 | 6.64 | 7.76 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 14:45 | 303.6149306 | Deploying | 2 | 11730 | 6.63 | 5.93 | 6.65 | 7.76 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 14:46 | 303.6152778 | Deploying | 2 | 11760 | 6.61 | 5.93 | 6.67 | 7.83 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 14:46 | 303.6153472 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:46 | 303.6156250 | Deploying | 2 | 11790 | 6.65 | 5.99 | 6.69 | 7.75 | 1912 | 1468 | 0 | -1 | -1 | -2 | -1 |
| 10/28/2016 14:47 | 303.6159722 | Deploying | 2 | 11820 | 6.67 | 5.99 | 6.71 | 7.73 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 14:47 | 303.6163194 | Deploying | 2 | 11850 | 6.68 | 5.99 | 6.72 | 7.76 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 14:47 | 303.6166204 | Winding down 1980 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:48 | 303.6166667 | Deploying | 2 | 11880 | 6.66 | 6.07 | 6.74 | 7.75 | 1945 | 1478 | 0 | -3 | -4 | -3 | -4 |
| 10/28/2016 14:48 | 303.6170139 | Deploying | 2 | 11910 | 6.75 | 6.07 | 6.76 | 7.76 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 14:49 | 303.6173611 | Deploying | 2 | 11940 | 6.75 | 6.07 | 6.77 | 7.76 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 10/28/2016 14:49 | 303.6177083 | Deploying | 2 | 11970 | 6.76 | 6.07 | 6.79 | 7.76 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 14:50 | 303.6180556 | Deploying | 2 | 12000 | 6.75 | 6.07 | 6.81 | 7.78 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| 10/28/2016 14:50 | 303.6181366 | Winding down 1686 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:50 | 303.6184028 | Deploying | 2 | 12030 | 6.8 | 6.13 | 6.82 | 7.78 | 1867 | 1478 | 0 | -3 | 0 | -1 | 0 |
| 10/28/2016 14:51 | 303.6187500 | Deploying | 2 | 12060 | 6.81 | 6.13 | 6.84 | 7.75 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 14:51 | 303.6190972 | Deploying | 2 | 12090 | 6.81 | 6.13 | 6.86 | 7.76 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 14:51 | 303.6194097 | Winding down 2170 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:52 | 303.6194444 | Deploying | 2 | 12120 | 6.8 | 6.21 | 6.88 | 7.6 | 1983 | 1477 | 0 | -4 | -1 | -1 | -1 |
| 10/28/2016 14:52 | 303.6197917 | Deploying | 2 | 12150 | 6.89 | 6.21 | 6.89 | 7.76 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 14:53 | 303.6201389 | Deploying | 2 | 12180 | 6.88 | 6.21 | 6.91 | 7.76 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/28/2016 14:53 | 303.6204861 | Deploying | 2 | 12210 | 6.88 | 6.21 | 6.93 | 7.76 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 14:53 | 303.6207870 | Winding down 1430 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:54 | 303.6208333 | Deploying | 2 | 12240 | 6.88 | 6.27 | 6.94 | 7.79 | 2059 | 1488 | 0 | -1 | -1 | -1 | -1 |
| 10/28/2016 14:54 | 303.6211806 | Deploying | 2 | 12270 | 6.97 | 6.27 | 6.96 | 7.76 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 14:55 | 303.6215278 | Deploying | 2 | 12300 | 6.95 | 6.27 | 6.98 | 7.76 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 10/28/2016 14:55 | 303.6218750 | Deploying | 2 | 12330 | 6.96 | 6.27 | 6.99 | 7.78 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/28/2016 14:56 | 303.6222222 | Deploying | 2 | 12360 | 6.94 | 6.27 | 7.01 | 7.76 | 0 | 0 | 0 | -5 | 0 | -2 | 0 |
| 10/28/2016 14:56 | 303.6223727 | Winding down 1921 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:56 | 303.6225694 | Deploying | 2 | 12390 | 6.99 | 6.34 | 7.03 | 7.73 | 2115 | 1497 | 0 | -1 | -2 | -1 | -2 |
| 10/28/2016 14:57 | 303.6229167 | Deploying | 2 | 12420 | 7.02 | 6.34 | 7.05 | 7.75 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 14:57 | 303.6232639 | Deploying | 2 | 12450 | 7 | 6.34 | 7.06 | 7.75 | 0 | 0 | 0 | -6 | 1 | -1 | 1 |
| 10/28/2016 14:57 | 303.6233796 | Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:58 | 303.6236111 | Deploying | 2 | 12480 | 7.02 | 6.4 | 7.08 | 7.76 | 1944 | 1507 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 14:58 | 303.6239583 | Deploying | 2 | 12510 | 7.08 | 6.4 | 7.1 | 7.75 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 14:59 | 303.6243056 | Deploying | 2 | 12540 | 7.09 | 6.4 | 7.11 | 7.75 | 0 | 0 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 14:59 | 303.6245370 | Winding down 1395 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:59 | 303.6246528 | Deploying | 2 | 12570 | 7.09 | 6.45 | 7.13 | 7.75 | 1913 | 1454 | 0 | -5 | 1 | -1 | 1 |
| 10/28/2016 15:00 | 303.6250000 | Deploying | 2 | 12600 | 7.14 | 6.45 | 7.15 | 7.73 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:00 | 303.6253472 | Deploying | 2 | 12630 | 7.15 | 6.45 | 7.16 | 7.78 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 15:01 | 303.6256944 | Deploying | 2 | 12660 | 7.15 | 6.45 | 7.18 | 7.75 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/28/2016 15:01 | 303.6260417 | Deploying | 2 | 12690 | 7.14 | 6.45 | 7.2 | 7.75 | 0 | 0 | 0 | -2 | -4 | -1 | -4 |
| 10/28/2016 15:01 | 303.6262037 | Winding down 1810 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:02 | 303.6263889 | Deploying | 2 | 12720 | 7.18 | 6.52 | 7.22 | 7.75 | 1849 | 1485 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 15:02 | 303.6267361 | Deploying | 2 | 12750 | 7.22 | 6.52 | 7.23 | 7.73 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 15:03 | 303.6270833 | Deploying | 2 | 12780 | 7.22 | 6.52 | 7.25 | 7.76 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| 10/28/2016 15:03 | 303.6274306 | Deploying | 2 | 12810 | 7.22 | 6.52 | 7.27 | 7.76 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 15:03 | 303.6276852 | Winding down 1474 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:04 | 303.6277778 | Deploying | 2 | 12840 | 7.24 | 6.58 | 7.28 | 7.75 | 1952 | 1473 | 0 | -2 | 0 | 0 | 0 |
| 10/28/2016 15:04 | 303.6281250 | Deploying | 2 | 12870 | 7.27 | 6.58 | 7.3 | 7.76 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 15:05 | 303.6284722 | Deploying | 2 | 12900 | 7.28 | 6.58 | 7.32 | 7.76 | 0 | 0 | 0 | -4 | -2 | -1 | -2 |
| 10/28/2016 15:05 | 303.6287384 | Winding down 1813 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:05 | 303.6288194 | Deploying | 2 | 12930 | 7.28 | 6.65 | 7.33 | 7.75 | 1870 | 1452 | 0 | -3 | -4 | 0 | -4 |
| 10/28/2016 15:06 | 303.6291667 | Deploying | 2 | 12960 | 7.34 | 6.65 | 7.35 | 7.73 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 10/28/2016 15:06 | 303.6295139 | Deploying | 2 | 12990 | 7.36 | 6.65 | 7.37 | 7.75 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:07 | 303.6298611 | Deploying | 2 | 13020 | 7.35 | 6.65 | 7.39 | 7.75 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 15:07 | 303.6302083 | Deploying | 2 | 13050 | 7.36 | 6.65 | 7.4 | 7.76 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 15:08 | 303.6305556 | Deploying | 2 | 13080 | 7.36 | 6.65 | 7.42 | 7.76 | 0 | 0 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 15:08 | 303.6307523 | Winding down 2028 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:08 | 303.6309028 | Deploying | 2 | 13110 | 7.38 | 6.72 | 7.44 | 7.75 | 2000 | 1484 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 15:09 | 303.6312500 | Deploying | 2 | 13140 | 7.43 | 6.72 | 7.45 | 7.76 | 0 | 0 | 0 | -4 | -4 | -1 | -4 |
| 10/28/2016 15:09 | 303.6315972 | Deploying | 2 | 13170 | 7.44 | 6.72 | 7.47 | 7.78 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 15:10 | 303.6319444 | Deploying | 2 | 13200 | 7.45 | 6.72 | 7.49 | 7.76 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:10 | 303.6322569 Winding down 1520 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:10 | 303.6322917 Deploying | 2 | 13230 | 7.44 | 6.78 | 7.5 | 7.75 | 2016 | 1492 | 0 | -1 | -2 | -1 | -2 |
| 10/28/2016 15:11 | 303.6326389 Deploying | 2 | 13260 | 7.48 | 6.78 | 7.52 | 7.78 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:11 | 303.6329861 Deploying | 2 | 13290 | 7.52 | 6.78 | 7.54 | 7.76 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:12 | 303.6333333 Deploying | 2 | 13320 | 7.49 | 6.78 | 7.56 | 7.75 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 15:12 | 303.6333912 Winding down 1633 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:12 | 303.6336806 Deploying | 2 | 13350 | 7.56 | 6.85 | 7.57 | 7.75 | 1907 | 1462 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 15:13 | 303.6340278 Deploying | 2 | 13380 | 7.56 | 6.85 | 7.59 | 7.76 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:13 | 303.6343750 Deploying | 2 | 13410 | 7.57 | 6.85 | 7.61 | 7.76 | 0 | 0 | 0 | -4 | 0 | -1 | 0 |
| 10/28/2016 15:14 | 303.6347222 Deploying | 2 | 13440 | 7.57 | 6.85 | 7.62 | 7.73 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 15:14 | 303.6348611 Winding down 1482 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:14 | 303.6350694 Deploying | 2 | 13470 | 7.59 | 6.9 | 7.64 | 7.75 | 2055 | 1520 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 15:15 | 303.6354167 Deploying | 2 | 13500 | 7.62 | 6.9 | 7.66 | 7.73 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/28/2016 15:15 | 303.6357639 Deploying | 2 | 13530 | 7.64 | 6.9 | 7.67 | 7.75 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 15:15 | 303.6360995 Winding down 1273 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:16 | 303.6361111 Deploying | 2 | 13560 | 7.64 | 6.95 | 7.69 | 7.76 | 1818 | 1443 | 0 | 0 | -1 | -2 | -1 |
| 10/28/2016 15:16 | 303.6364583 Deploying | 2 | 13590 | 7.69 | 6.95 | 7.71 | 7.75 | 1818 | 208 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 15:17 | 303.6368056 Deploying | 2 | 13620 | 7.69 | 6.95 | 7.73 | 7.76 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 15:17 | 303.6371528 Deploying | 2 | 13650 | 7.7 | 6.95 | 7.74 | 7.75 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:18 | 303.6375000 Deploying | 2 | 13680 | 7.69 | 6.95 | 7.76 | 7.75 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 15:18 | 303.6375347 Winding down 1755 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:18 | 303.6378472 Deploying | 2 | 13710 | 7.73 | 7.02 | 7.78 | 7.71 | 1886 | 1451 | 0 | -1 | -2 | -1 | -2 |
| 10/28/2016 15:19 | 303.6381944 Deploying | 2 | 13740 | 7.75 | 7.02 | 7.79 | 7.7 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 15:19 | 303.6382639 Winding down 1347 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:19 | 303.6385417 Deploying | 2 | 13770 | 7.8 | 7.07 | 7.81 | 7.76 | 1942 | 1464 | 0 | -4 | -3 | -1 | -3 |
| 10/28/2016 15:20 | 303.6388889 Deploying | 2 | 13800 | 7.82 | 7.07 | 7.83 | 7.75 | 0 | 0 | 0 | -4 | -1 | -1 | -1 |
| 10/28/2016 15:20 | 303.6392361 Deploying | 2 | 13830 | 7.81 | 7.07 | 7.84 | 7.76 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 10/28/2016 15:21 | 303.6395833 Deploying | 2 | 13860 | 7.81 | 7.07 | 7.86 | 7.71 | 0 | 0 | 0 | 0 | -3 | -1 | -3 |
| 10/28/2016 15:21 | 303.6398727 Winding down 1566 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:21 | 303.6399306 Deploying | 2 | 13890 | 7.83 | 7.13 | 7.88 | 7.73 | 2122 | 1517 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 15:22 | 303.6402778 Deploying | 2 | 13920 | 7.87 | 7.13 | 7.9 | 7.73 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 15:22 | 303.6406250 Deploying | 2 | 13950 | 7.9 | 7.13 | 7.91 | 7.75 | 0 | 0 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 15:23 | 303.6409722 Deploying | 2 | 13980 | 7.89 | 7.13 | 7.93 | 7.76 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 15:23 | 303.6413194 Deploying | 2 | 14010 | 7.89 | 7.13 | 7.95 | 7.78 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 15:23 | 303.6415741 Winding down 1874 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:24 | 303.6416667 Deploying | 2 | 14040 | 7.9 | 7.2 | 7.96 | 7.73 | 1835 | 1441 | 0 | -4 | -2 | -1 | -2 |
| 10/28/2016 15:24 | 303.6420139 Deploying | 2 | 14070 | 7.96 | 7.2 | 7.98 | 7.78 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 15:25 | 303.6423611 Deploying | 2 | 14100 | 7.97 | 7.2 | 8 | 7.75 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 15:25 | 303.6427083 Deploying | 2 | 14130 | 7.96 | 7.2 | 8.01 | 7.75 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 15:25 | 303.6428125 Winding down 1490 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:26 | 303.6430556 Deploying | 2 | 14160 | 8.01 | 7.26 | 8.03 | 7.75 | 1964 | 1482 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 15:26 | 303.6434028 Deploying | 2 | 14190 | 8.04 | 7.26 | 8.05 | 7.75 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 15:27 | 303.6437500 Deploying | 2 | 14220 | 8.04 | 7.26 | 8.07 | 7.73 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 15:27 | 303.6440972 Deploying | 2 | 14250 | 8.04 | 7.26 | 8.08 | 7.73 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 15:27 | 303.6444213 Winding down 1734 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:28 | 303.6444444 Deploying | 2 | 14280 | 8.03 | 7.32 | 8.1 | 7.59 | 2124 | 1492 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 15:28 | 303.6447917 Deploying | 2 | 14310 | 8.08 | 7.32 | 8.12 | 7.79 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 15:29 | 303.6451389 Deploying | 2 | 14340 | 8.1 | 7.32 | 8.13 | 7.71 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 15:29 | 303.6454514 Winding down 1445 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:29 | 303.6454861 Deploying | 2 | 14370 | 8.1 | 7.38 | 8.15 | 7.7 | 1941 | 1465 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 15:30 | 303.6458333 Deploying | 2 | 14400 | 8.16 | 7.38 | 8.17 | 7.73 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 15:30 | 303.6461806 Deploying | 2 | 14430 | 8.17 | 7.38 | 8.18 | 7.75 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 15:31 | 303.6465278 Deploying | 2 | 14460 | 8.14 | 7.38 | 8.2 | 7.7 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 15:31 | 303.6467477 Winding down 1806 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:31 | 303.6468750 Deploying | 2 | 14490 | 8.17 | 7.45 | 8.22 | 7.71 | 2043 | 1508 | 0 | -4 | 0 | -2 | 0 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:32 | 303.6472222 Deploying | | 2 | 14520 | 8.22 | 7.45 | 8.24 | 7.71 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 15:32 | 303.6475694 Deploying | | 2 | 14550 | 8.23 | 7.45 | 8.25 | 7.75 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:33 | 303.6479167 Deploying | | 2 | 14580 | 8.22 | 7.45 | 8.27 | 7.75 | 0 | 0 | 0 | -3 | 0 | -1 | 0 |
| 10/28/2016 15:33 | 303.6481481 Winding down 1395 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:33 | 303.6482639 Deploying | | 2 | 14610 | 8.24 | 7.5 | 8.29 | 7.79 | 1961 | 1467 | 0 | -5 | 0 | -2 | 0 |
| 10/28/2016 15:34 | 303.6486111 Deploying | | 2 | 14640 | 8.27 | 7.5 | 8.3 | 7.73 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 15:34 | 303.6489583 Deploying | | 2 | 14670 | 8.27 | 7.5 | 8.32 | 7.78 | 0 | 0 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 15:34 | 303.6491435 Winding down 1739 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:35 | 303.6493056 Deploying | | 2 | 14700 | 8.29 | 7.57 | 8.34 | 7.71 | 1889 | 1470 | 0 | 2 | 0 | 0 | 0 |
| 10/28/2016 15:35 | 303.6496528 Deploying | | 2 | 14730 | 8.33 | 7.57 | 8.35 | 7.71 | 0 | 0 | 0 | -5 | -4 | -2 | -4 |
| 10/28/2016 15:36 | 303.6500000 Deploying | | 2 | 14760 | 8.35 | 7.57 | 8.37 | 7.78 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 15:36 | 303.6503472 Deploying | | 2 | 14790 | 8.36 | 7.57 | 8.39 | 7.7 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 15:37 | 303.6506944 Deploying | | 2 | 14820 | 8.34 | 7.57 | 8.41 | 7.73 | 0 | 0 | 0 | -5 | 0 | -2 | 0 |
| 10/28/2016 15:37 | 303.6507986 Winding down 1640 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:37 | 303.6510417 Deploying | | 2 | 14850 | 8.4 | 7.63 | 8.42 | 7.71 | 2143 | 1526 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 15:38 | 303.6513889 Deploying | | 2 | 14880 | 8.41 | 7.63 | 8.44 | 7.73 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 15:38 | 303.6517361 Deploying | | 2 | 14910 | 8.41 | 7.63 | 8.46 | 7.71 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 15:38 | 303.6519444 Winding down 1617 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:39 | 303.6520833 Deploying | | 2 | 14940 | 8.42 | 7.69 | 8.47 | 7.73 | 2005 | 1456 | 0 | 1 | 0 | -1 | 0 |
| 10/28/2016 15:39 | 303.6524306 Deploying | | 2 | 14970 | 8.48 | 7.69 | 8.49 | 7.75 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 15:40 | 303.6527778 Deploying | | 2 | 15000 | 8.47 | 7.69 | 8.51 | 7.75 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 15:40 | 303.6531250 Deploying | | 2 | 15030 | 8.47 | 7.69 | 8.52 | 7.73 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 15:40 | 303.6532639 Winding down 1407 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:41 | 303.6534722 Deploying | | 2 | 15060 | 8.5 | 7.75 | 8.54 | 7.75 | 2126 | 1468 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 15:41 | 303.6538194 Deploying | | 2 | 15090 | 8.54 | 7.75 | 8.56 | 7.75 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 15:42 | 303.6541667 Deploying | | 2 | 15120 | 8.54 | 7.75 | 8.58 | 7.76 | 0 | 0 | 0 | 0 | -1 | -2 | -1 |
| 10/28/2016 15:42 | 303.6545139 Deploying | | 2 | 15150 | 8.53 | 7.75 | 8.59 | 7.73 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 15:42 | 303.6546644 Winding down 1621 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:43 | 303.6548611 Deploying | | 2 | 15180 | 8.58 | 7.81 | 8.61 | 7.71 | 1935 | 1443 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 15:43 | 303.6552083 Deploying | | 2 | 15210 | 8.6 | 7.81 | 8.63 | 7.75 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 15:44 | 303.6555556 Deploying | | 2 | 15240 | 8.6 | 7.81 | 8.64 | 7.68 | 0 | 0 | 0 | 1 | -1 | -1 | -1 |
| 10/28/2016 15:44 | 303.6557523 Winding down 1428 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:44 | 303.6559028 Deploying | | 2 | 15270 | 8.62 | 7.87 | 8.66 | 7.75 | 2160 | 1487 | 0 | -2 | -2 | -1 | -2 |
| 10/28/2016 15:45 | 303.6562500 Deploying | | 2 | 15300 | 8.66 | 7.87 | 8.68 | 7.76 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 15:45 | 303.6565972 Deploying | | 2 | 15330 | 8.66 | 7.87 | 8.69 | 7.76 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 15:46 | 303.6569444 Deploying | | 2 | 15360 | 8.65 | 7.87 | 8.71 | 7.71 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 15:46 | 303.6570602 Winding down 1779 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:46 | 303.6572917 Deploying | | 2 | 15390 | 8.73 | 7.93 | 8.73 | 7.76 | 2131 | 1478 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 15:47 | 303.6576389 Deploying | | 2 | 15420 | 8.76 | 7.93 | 8.75 | 7.7 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 10/28/2016 15:47 | 303.6579861 Deploying | | 2 | 15450 | 8.74 | 7.93 | 8.76 | 7.73 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 15:48 | 303.6583333 Deploying | | 2 | 15480 | 8.72 | 7.93 | 8.78 | 7.75 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 15:48 | 303.6585880 Winding down 2224 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:48 | 303.6586806 Deploying | | 2 | 15510 | 8.73 | 8.02 | 8.8 | 7.76 | 1846 | 1422 | 0 | -3 | -1 | 0 | -1 |
| 10/28/2016 15:49 | 303.6590278 Deploying | | 2 | 15540 | 8.84 | 8.02 | 8.81 | 7.75 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 15:49 | 303.6593750 Deploying | | 2 | 15570 | 8.86 | 8.02 | 8.83 | 7.73 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:50 | 303.6597222 Deploying | | 2 | 15600 | 8.86 | 8.02 | 8.85 | 7.73 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 15:50 | 303.6600694 Deploying | | 2 | 15630 | 8.84 | 8.02 | 8.86 | 7.75 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:51 | 303.6604167 Deploying | | 2 | 15660 | 8.86 | 8.02 | 8.88 | 7.75 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:51 | 303.6607639 Deploying | | 2 | 15690 | 8.83 | 8.02 | 8.9 | 7.71 | 0 | 0 | 0 | -5 | -2 | -2 | -2 |
| 10/28/2016 15:51 | 303.6607986 Winding down 2055 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 15:52 | 303.6611111 Deploying | | 2 | 15720 | 8.89 | 8.1 | 8.92 | 7.75 | 1864 | 1442 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 15:52 | 303.6614583 Deploying | | 2 | 15750 | 8.93 | 8.1 | 8.93 | 7.75 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:53 | 303.6618056 Deploying | | 2 | 15780 | 8.93 | 8.1 | 8.95 | 7.75 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 15:53 | 303.6621528 Deploying | | 2 | 15810 | 8.93 | 8.1 | 8.97 | 7.76 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:54 | 303.6625000 Deploying | | 2 | 15840 | 8.92 | 8.1 | 8.98 | 7.73 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |

| Date/Time | Value/Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:54 | 303.6625810 Winding down 1411 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:54 | 303.6628472 Deploying | 2 | 15870 | 8.98 | 8.15 | 9 | 7.71 | 1859 | 1453 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 15:55 | 303.6631944 Deploying | 2 | 15900 | 8.98 | 8.15 | 9.02 | 7.73 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 15:55 | 303.6635417 Deploying | 2 | 15930 | 8.96 | 8.15 | 9.03 | 7.71 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 15:55 | 303.6635995 Winding down 1783 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:56 | 303.6638889 Deploying | 2 | 15960 | 9.04 | 8.22 | 9.05 | 7.71 | 2120 | 1521 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 15:56 | 303.6642361 Deploying | 2 | 15990 | 9.07 | 8.22 | 9.07 | 7.71 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 15:57 | 303.6645833 Deploying | 2 | 16020 | 9.08 | 8.22 | 9.09 | 7.7 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 15:57 | 303.6649306 Deploying | 2 | 16050 | 9.06 | 8.22 | 9.1 | 7.73 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 15:58 | 303.6652778 Deploying | 2 | 16080 | 9.05 | 8.22 | 9.12 | 7.75 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 15:58 | 303.6654051 Winding down 1968 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:58 | 303.6656250 Deploying | 2 | 16110 | 9.11 | 8.3 | 9.14 | 7.71 | 1834 | 1427 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 15:59 | 303.6659722 Deploying | 2 | 16140 | 9.14 | 8.3 | 9.15 | 7.71 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/28/2016 15:59 | 303.6663194 Deploying | 2 | 16170 | 9.14 | 8.3 | 9.17 | 7.7 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:00 | 303.6666667 Deploying | 2 | 16200 | 9.16 | 8.3 | 9.19 | 7.73 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:00 | 303.6670139 Deploying | 2 | 16230 | 9.14 | 8.3 | 9.2 | 7.73 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:00 | 303.6670602 Winding down 1694 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:01 | 303.6673611 Deploying | 2 | 16260 | 9.19 | 8.36 | 9.22 | 7.73 | 2041 | 1457 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 16:01 | 303.6677083 Deploying | 2 | 16290 | 9.2 | 8.36 | 9.24 | 7.76 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 16:02 | 303.6680556 Deploying | 2 | 16320 | 9.21 | 8.36 | 9.26 | 7.73 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:02 | 303.6682407 Winding down 1614 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:02 | 303.6684028 Deploying | 2 | 16350 | 9.22 | 8.42 | 9.27 | 7.71 | 2068 | 1486 | 0 | -1 | -3 | -1 | -3 |
| 10/28/2016 16:03 | 303.6687500 Deploying | 2 | 16380 | 9.27 | 8.42 | 9.29 | 7.7 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 16:03 | 303.6690972 Deploying | 2 | 16410 | 9.28 | 8.42 | 9.31 | 7.75 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:04 | 303.6694444 Deploying | 2 | 16440 | 9.28 | 8.42 | 9.32 | 7.71 | 0 | 0 | 0 | -2 | -5 | -2 | -5 |
| 10/28/2016 16:04 | 303.6697685 Winding down 1284 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:04 | 303.6697917 Deploying | 2 | 16470 | 9.29 | 8.47 | 9.34 | 7.62 | 2160 | 1517 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 16:05 | 303.6701389 Deploying | 2 | 16500 | 9.33 | 8.47 | 9.36 | 7.71 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:05 | 303.6704861 Deploying | 2 | 16530 | 9.34 | 8.47 | 9.37 | 7.71 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/28/2016 16:06 | 303.6708333 Deploying | 2 | 16560 | 9.32 | 8.47 | 9.39 | 7.7 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 16:06 | 303.6709144 Winding down 1836 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:06 | 303.6711806 Deploying | 2 | 16590 | 9.39 | 8.54 | 9.41 | 7.75 | 1843 | 1451 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:07 | 303.6715278 Deploying | 2 | 16620 | 9.41 | 8.54 | 9.43 | 7.73 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:07 | 303.6718750 Deploying | 2 | 16650 | 9.38 | 8.54 | 9.44 | 7.68 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 16:07 | 303.6720255 Winding down 1896 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:08 | 303.6722222 Deploying | 2 | 16680 | 9.42 | 8.62 | 9.46 | 7.71 | 1854 | 1409 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 16:08 | 303.6725694 Deploying | 2 | 16710 | 9.47 | 8.62 | 9.48 | 7.75 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 16:09 | 303.6729167 Deploying | 2 | 16740 | 9.48 | 8.62 | 9.49 | 7.76 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 16:09 | 303.6732639 Deploying | 2 | 16770 | 9.46 | 8.62 | 9.51 | 7.73 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 10/28/2016 16:09 | 303.6734838 Winding down 1556 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:10 | 303.6736111 Deploying | 2 | 16800 | 9.49 | 8.68 | 9.53 | 7.71 | 1914 | 1460 | 0 | 1 | 0 | -1 | 0 |
| 10/28/2016 16:10 | 303.6739583 Deploying | 2 | 16830 | 9.54 | 8.68 | 9.54 | 7.73 | 0 | 0 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 16:11 | 303.6743056 Deploying | 2 | 16860 | 9.53 | 8.68 | 9.56 | 7.71 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:11 | 303.6746528 Deploying | 2 | 16890 | 9.54 | 8.68 | 9.58 | 7.75 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:12 | 303.6750000 Deploying | 2 | 16920 | 9.53 | 8.68 | 9.6 | 7.68 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 16:12 | 303.6751389 Winding down 1457 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:12 | 303.6753472 Deploying | 2 | 16950 | 9.58 | 8.73 | 9.61 | 7.7 | 2000 | 1498 | 0 | -4 | -2 | -3 | -2 |
| 10/28/2016 16:13 | 303.6756944 Deploying | 2 | 16980 | 9.61 | 8.73 | 9.63 | 7.71 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:13 | 303.6760417 Deploying | 2 | 17010 | 9.6 | 8.73 | 9.65 | 7.68 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:13 | 303.6763657 Winding down 1934 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:14 | 303.6763889 Deploying | 2 | 17040 | 9.59 | 8.81 | 9.66 | 7.6 | 2054 | 1465 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 16:14 | 303.6767361 Deploying | 2 | 17070 | 9.68 | 8.81 | 9.68 | 7.76 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:15 | 303.6770833 Deploying | 2 | 17100 | 9.67 | 8.81 | 9.7 | 7.7 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:15 | 303.6774306 Deploying | 2 | 17130 | 9.65 | 8.81 | 9.71 | 7.7 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:15 | 303.6775000 Winding down 1622 ticks | 3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:16 | 303.6777778 Deploying | 2 | 17160 | 9.72 | 8.87 | 9.73 | 7.76 | 2191 | 1545 | 0 | -2 | -2 | -2 | -2 |
| 10/28/2016 16:16 | 303.6781250 Deploying | 2 | 17190 | 9.73 | 8.87 | 9.75 | 7.75 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 16:17 | 303.6784722 Deploying | 2 | 17220 | 9.73 | 8.87 | 9.77 | 7.73 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:17 | 303.6788194 Deploying | 2 | 17250 | 9.73 | 8.87 | 9.78 | 7.68 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:17 | 303.6790509 Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:18 | 303.6791667 Deploying | 2 | 17280 | 9.76 | 8.92 | 9.8 | 7.7 | 1924 | 1437 | 0 | -5 | 0 | -2 | 0 |
| 10/28/2016 16:18 | 303.6795139 Deploying | 2 | 17310 | 9.8 | 8.92 | 9.82 | 7.7 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:19 | 303.6798611 Deploying | 2 | 17340 | 9.81 | 8.92 | 9.83 | 7.75 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:19 | 303.6802083 Deploying | 2 | 17370 | 9.79 | 8.92 | 9.85 | 7.7 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 16:19 | 303.6804745 Winding down 1588 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:20 | 303.6805556 Deploying | 2 | 17400 | 9.82 | 8.98 | 9.87 | 7.73 | 1917 | 1432 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:20 | 303.6809028 Deploying | 2 | 17430 | 9.87 | 8.98 | 9.88 | 7.75 | 0 | 0 | 0 | -4 | -5 | -2 | -5 |
| 10/28/2016 16:21 | 303.6812500 Deploying | 2 | 17460 | 9.87 | 8.98 | 9.9 | 7.7 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:21 | 303.6815972 Deploying | 2 | 17490 | 9.86 | 8.98 | 9.92 | 7.73 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 16:21 | 303.6817361 Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:22 | 303.6819444 Deploying | 2 | 17520 | 9.9 | 9.04 | 9.94 | 7.73 | 1898 | 1434 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:22 | 303.6822917 Deploying | 2 | 17550 | 9.92 | 9.04 | 9.95 | 7.71 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:23 | 303.6826389 Deploying | 2 | 17580 | 9.93 | 9.04 | 9.97 | 7.71 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 16:23 | 303.6829861 Deploying | 2 | 17610 | 9.93 | 9.04 | 9.99 | 7.7 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 16:23 | 303.6830324 Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:24 | 303.6833333 Deploying | 2 | 17640 | 9.99 | 9.11 | 10 | 7.71 | 2009 | 1467 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 16:24 | 303.6836806 Deploying | 2 | 17670 | 10 | 9.11 | 10.02 | 7.71 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:25 | 303.6840278 Deploying | 2 | 17700 | 9.99 | 9.11 | 10.04 | 7.71 | 0 | 0 | 0 | -4 | -5 | -2 | -5 |
| 10/28/2016 16:25 | 303.6843403 Winding down 1295 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:25 | 303.6843750 Deploying | 2 | 17730 | 10.01 | 9.16 | 10.05 | 7.68 | 2088 | 1496 | 0 | -4 | -4 | -3 | -4 |
| 10/28/2016 16:26 | 303.6847222 Deploying | 2 | 17760 | 10.06 | 9.16 | 10.07 | 7.71 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:26 | 303.6850694 Deploying | 2 | 17790 | 10.06 | 9.16 | 10.09 | 7.71 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/28/2016 16:27 | 303.6854167 Deploying | 2 | 17820 | 10.06 | 9.16 | 10.11 | 7.7 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:27 | 303.6857639 Deploying | 2 | 17850 | 10.04 | 9.16 | 10.12 | 7.68 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 16:27 | 303.6857755 Winding down 2126 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:28 | 303.6861111 Deploying | 2 | 17880 | 10.13 | 9.24 | 10.14 | 7.67 | 1884 | 1463 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:28 | 303.6864583 Deploying | 2 | 17910 | 10.11 | 9.24 | 10.16 | 7.67 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 16:29 | 303.6868056 Deploying | 2 | 17940 | 10.14 | 9.24 | 10.17 | 7.67 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:29 | 303.6871528 Deploying | 2 | 17970 | 10.13 | 9.24 | 10.19 | 7.73 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 16:29 | 303.6871644 Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:30 | 303.6875000 Deploying | 2 | 18000 | 10.2 | 9.3 | 10.21 | 7.68 | 1929 | 1468 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 16:30 | 303.6878472 Deploying | 2 | 18030 | 10.2 | 9.3 | 10.22 | 7.73 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/28/2016 16:31 | 303.6881944 Deploying | 2 | 18060 | 10.21 | 9.3 | 10.24 | 7.68 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 16:31 | 303.6885417 Deploying | 2 | 18090 | 10.2 | 9.3 | 10.26 | 7.7 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:31 | 303.6886806 Winding down 1982 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:32 | 303.6888889 Deploying | 2 | 18120 | 10.23 | 9.37 | 10.28 | 7.71 | 1868 | 1415 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:32 | 303.6892361 Deploying | 2 | 18150 | 10.28 | 9.37 | 10.29 | 7.7 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/28/2016 16:33 | 303.6895833 Deploying | 2 | 18180 | 10.28 | 9.37 | 10.31 | 7.68 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:33 | 303.6899306 Deploying | 2 | 18210 | 10.29 | 9.37 | 10.33 | 7.7 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/28/2016 16:33 | 303.6901968 Winding down 1563 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:34 | 303.6902778 Deploying | 2 | 18240 | 10.29 | 9.43 | 10.34 | 7.68 | 2111 | 1464 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:34 | 303.6906250 Deploying | 2 | 18270 | 10.34 | 9.43 | 10.36 | 7.73 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 16:35 | 303.6909722 Deploying | 2 | 18300 | 10.34 | 9.43 | 10.38 | 7.73 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:35 | 303.6913194 Deploying | 2 | 18330 | 10.34 | 9.43 | 10.39 | 7.68 | 0 | 0 | 0 | -6 | -3 | -2 | -3 |
| 10/28/2016 16:35 | 303.6915046 Winding down 1639 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:36 | 303.6916667 Deploying | 2 | 18360 | 10.38 | 9.5 | 10.41 | 7.71 | 2084 | 1463 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:36 | 303.6920139 Deploying | 2 | 18390 | 10.41 | 9.5 | 10.43 | 7.7 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:37 | 303.6923611 Deploying | 2 | 18420 | 10.41 | 9.5 | 10.45 | 7.73 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:37 | 303.6927083 Deploying | 2 | 18450 | 10.42 | 9.5 | 10.46 | 7.68 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:38 | 303.6930556 Deploying | 2 | 18480 | 10.42 | 9.5 | 10.48 | 7.7 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:38 | 303.6930556 Winding down 1537 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:38 | 303.6934028 Deploying | 2 | 18510 | 10.48 | 9.56 | 10.5 | 7.73 | 2085 | 1474 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:39 | 303.6937500 Deploying | 2 | 18540 | 10.49 | 9.56 | 10.51 | 7.73 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:39 | 303.6940972 Deploying | 2 | 18570 | 10.46 | 9.56 | 10.53 | 7.71 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:39 | 303.6941782 Winding down 1961 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:40 | 303.6944444 Deploying | 2 | 18600 | 10.52 | 9.63 | 10.55 | 7.7 | 1984 | 1449 | 0 | -2 | -3 | -1 | -3 |
| 10/28/2016 16:40 | 303.6947917 Deploying | 2 | 18630 | 10.56 | 9.63 | 10.56 | 7.67 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:41 | 303.6951389 Deploying | 2 | 18660 | 10.54 | 9.63 | 10.58 | 7.68 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:41 | 303.6954514 Winding down 1545 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6954861 Deploying | 2 | 18690 | 10.54 | 9.69 | 10.6 | 7.73 | 1875 | 1425 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:42 | 303.6958333 Deploying | 2 | 18720 | 10.6 | 9.69 | 10.62 | 7.75 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:42 | 303.6961806 Deploying | 2 | 18750 | 10.62 | 9.69 | 10.63 | 7.7 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/28/2016 16:43 | 303.6965278 Deploying | 2 | 18780 | 10.61 | 9.69 | 10.65 | 7.71 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 16:43 | 303.6968403 Winding down 1795 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6968750 Deploying | 2 | 18810 | 10.6 | 9.76 | 10.67 | 7.68 | 1910 | 1425 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:44 | 303.6972222 Deploying | 2 | 18840 | 10.65 | 9.76 | 10.68 | 7.71 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:44 | 303.6975694 Deploying | 2 | 18870 | 10.66 | 9.76 | 10.7 | 7.68 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 16:45 | 303.6979167 Deploying | 2 | 18900 | 10.68 | 9.76 | 10.72 | 7.68 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:45 | 303.6982639 Deploying | 2 | 18930 | 10.69 | 9.76 | 10.73 | 7.7 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:45 | 303.6983565 Winding down 1375 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:46 | 303.6986111 Deploying | 2 | 18960 | 10.72 | 9.81 | 10.75 | 7.7 | 1832 | 1435 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:46 | 303.6989583 Deploying | 2 | 18990 | 10.75 | 9.81 | 10.77 | 7.67 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:47 | 303.6993056 Deploying | 2 | 19020 | 10.74 | 9.81 | 10.79 | 7.67 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 16:47 | 303.6995486 Winding down 1710 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:47 | 303.6996528 Deploying | 2 | 19050 | 10.75 | 9.88 | 10.8 | 7.7 | 2106 | 1469 | 0 | -5 | 1 | -2 | 1 |
| 10/28/2016 16:48 | 303.7000000 Deploying | 2 | 19080 | 10.81 | 9.88 | 10.82 | 7.7 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:48 | 303.7003472 Deploying | 2 | 19110 | 10.8 | 9.88 | 10.84 | 7.7 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:49 | 303.7006944 Deploying | 2 | 19140 | 10.82 | 9.88 | 10.85 | 7.7 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:49 | 303.7010417 Deploying | 2 | 19170 | 10.81 | 9.88 | 10.87 | 7.67 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/28/2016 16:49 | 303.7012037 Winding down 1810 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:50 | 303.7013889 Deploying | 2 | 19200 | 10.85 | 9.95 | 10.89 | 7.65 | 2135 | 1508 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:50 | 303.7017361 Deploying | 2 | 19230 | 10.86 | 9.95 | 10.9 | 7.67 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/28/2016 16:51 | 303.7020833 Deploying | 2 | 19260 | 10.87 | 9.95 | 10.92 | 7.68 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/28/2016 16:51 | 303.7023264 Winding down 1385 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:51 | 303.7024306 Deploying | 2 | 19290 | 10.89 | 10 | 10.94 | 7.75 | 1897 | 1448 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 16:52 | 303.7027778 Deploying | 2 | 19320 | 10.92 | 10 | 10.96 | 7.67 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 16:52 | 303.7031250 Deploying | 2 | 19350 | 10.92 | 10 | 10.97 | 7.67 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/28/2016 16:52 | 303.7034144 Winding down 1566 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:53 | 303.7034722 Deploying | 2 | 19380 | 10.93 | 10.06 | 10.99 | 7.71 | 1918 | 1473 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:53 | 303.7038194 Deploying | 2 | 19410 | 10.99 | 10.06 | 11.01 | 7.68 | 0 | 0 | 0 | -2 | -4 | -2 | -4 |
| 10/28/2016 16:54 | 303.7041667 Deploying | 2 | 19440 | 10.99 | 10.06 | 11.02 | 7.71 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:54 | 303.7045139 Deploying | 2 | 19470 | 10.99 | 10.06 | 11.04 | 7.68 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:54 | 303.7047569 Winding down 1535 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:55 | 303.7048611 Deploying | 2 | 19500 | 11.01 | 10.12 | 11.06 | 7.68 | 2021 | 1444 | 0 | -5 | -1 | -2 | -1 |
| 10/28/2016 16:55 | 303.7052083 Deploying | 2 | 19530 | 11.05 | 10.12 | 11.07 | 7.7 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:56 | 303.7055556 Deploying | 2 | 19560 | 11.06 | 10.12 | 11.09 | 7.68 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/28/2016 16:56 | 303.7059028 Deploying | 2 | 19590 | 11.06 | 10.12 | 11.11 | 7.7 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:56 | 303.7061921 Winding down 1766 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:57 | 303.7062500 Deploying | 2 | 19620 | 11.07 | 10.19 | 11.13 | 7.7 | 1904 | 1470 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 16:57 | 303.7065972 Deploying | 2 | 19650 | 11.11 | 10.19 | 11.14 | 7.68 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 10/28/2016 16:58 | 303.7069444 Deploying | 2 | 19680 | 11.12 | 10.19 | 11.16 | 7.65 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:58 | 303.7071991 Winding down 1424 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:58 | 303.7072917 Deploying | 2 | 19710 | 11.14 | 10.25 | 11.18 | 7.7 | 1944 | 1481 | 0 | -4 | -2 | -2 | -2 |
| 10/28/2016 16:59 | 303.7076389 Deploying | 2 | 19740 | 11.15 | 10.25 | 11.19 | 7.67 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 16:59 | 303.7079861 Deploying | 2 | 19770 | 11.19 | 10.25 | 11.21 | 7.68 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |

| Date | Event | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:00 | 303.7083333 Deploying | 2 | 19800 | 11.18 | 10.25 | 11.23 | 7.7 | 0 | 0 | 0 | 0 | 5 | 2 | 5 |
| 10/28/2016 17:00 | 303.7086343 Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:00 | 303.7086806 Deploying | 2 | 19830 | 11.18 | 10.31 | 11.24 | 7.67 | 1975 | 1453 | 0 | -1 | 1 | 2 | 1 |
| 10/28/2016 17:00 | 303.7089931 Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/28/2016 17:00 | 303.7089931 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| [chFR)97 | #VALUE! | 5 | | | | | | | | | | | | |
| 10/28/2016 17:00 | 303.7090162 Winding up 1375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7090278 Rewinding | 5 | 19857 | 11.23 | 10.26 | 11.18 | 7.67 | 954 | 684 | | | | | |
| 10/28/2016 17:01 | 303.7090394 Winding up 2524 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7090741 Winding up 4124 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7091319 Winding up 6400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7092130 Winding up 8400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7093171 Winding up 9150 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7093750 Rewinding | 5 | 19857 | 10.74 | 9.08 | 10.43 | 7.54 | 1009 | 752 | | | | | |
| 10/28/2016 17:01 | 303.7094329 Winding up 7524 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7095255 Winding up 6074 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7096065 Winding up 4574 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7096644 Winding up 3574 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7097106 Winding up 2850 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7097222 Rewinding | 5 | 19857 | 9.76 | 8.14 | 9.68 | 7.63 | 1030 | 748 | | | | | |
| 10/28/2016 17:02 | 303.7097454 Winding up 2224 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7097801 Winding up 1674 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7098032 Winding up 1250 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7099769 Winding up 1274 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7100000 Winding up 1625 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7100231 Winding up 2100 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7100579 Winding up 2800 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7100694 Rewinding | 5 | 19857 | 9.03 | 7.64 | 8.93 | 7.68 | 1041 | 758 | | | | | |
| 10/28/2016 17:02 | 303.7100926 Winding up 3524 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7101389 Winding up 4299 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7101968 Winding up 5375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7102662 Winding up 5749 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7103356 Winding up 5150 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7104051 Winding up 3874 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7104167 Rewinding | 5 | 19857 | 8.3 | 6.57 | 8.18 | 7.63 | 1025 | 778 | | | | | |
| 10/28/2016 17:03 | 303.7104514 Winding up 3100 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7104977 Winding up 2300 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7105324 Winding up 1825 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7105556 Winding up 1500 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7107176 Winding up 1325 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7107407 Winding up 1800 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7107639 Rewinding | 5 | 19857 | 7.5 | 6.12 | 7.43 | 7.51 | 1078 | 796 | | | | | |
| 10/28/2016 17:03 | 303.7107639 Winding up 2300 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7107986 Winding up 2825 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7108333 Winding up 3550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7108796 Winding up 4250 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7109375 Winding up 4925 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7109954 Winding up 5325 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:03 | 303.7110648 Winding up 4550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:04 | 303.7111111 Rewinding | 5 | 19857 | 6.8 | 5.06 | 6.68 | 7.52 | 1046 | 763 | | | | | |
| 10/28/2016 17:04 | 303.7111227 Winding up 3500 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:04 | 303.7111690 Winding up 2625 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:04 | 303.7112037 Winding up 2050 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:04 | 303.7112384 Winding up 1600 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:04 | 303.7112616 Winding up 1300 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:04 | 303.7114236 Winding up 1325 ticks | 3 | | | | | | |
| 10/28/2016 17:04 | 303.7114468 Winding up 1775 ticks | 3 | | | | | | |
| 10/28/2016 17:04 | 303.7114583 Rewinding | 5 | 19857 | 5.98 | 4.52 | 5.93 | 7.65 | 1096 | 780 |
| 10/28/2016 17:04 | 303.7114699 Winding up 2200 ticks | 3 | | | | | | |
| 10/28/2016 17:04 | 303.7115046 Winding up 2725 ticks | 3 | | | | | | |
| 10/28/2016 17:04 | 303.7115394 Winding up 3275 ticks | 3 | | | | | | |
| 10/28/2016 17:04 | 303.7115856 Winding up 4000 ticks | 3 | | | | | | |
| 10/28/2016 17:04 | 303.7116435 Winding up 4775 ticks | 3 | | | | | | |
| 10/28/2016 17:04 | 303.7117014 Winding up 5000 ticks | 3 | | | | | | |
| 10/28/2016 17:04 | 303.7117708 Winding up 4525 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7118056 Rewinding | 5 | 19857 | 5.31 | 3.51 | 5.18 | 7.46 | 1088 | 779 |
| 10/28/2016 17:05 | 303.7118287 Winding up 3500 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7118750 Winding up 2900 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7119097 Winding up 2300 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7119444 Winding up 1700 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7119676 Winding up 1275 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7121528 Rewinding | 5 | 19857 | 4.46 | 3.07 | 4.43 | 7.63 | 1021 | 792 |
| 10/28/2016 17:05 | 303.7121528 Winding up 1400 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7121759 Winding up 1875 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7121991 Winding up 2200 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7122338 Winding up 2850 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7122685 Winding up 3625 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7123148 Winding up 4575 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7123727 Winding up 5375 ticks | 3 | | | | | | |
| 10/28/2016 17:05 | 303.7124421 Winding up 5425 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7125000 Rewinding | 5 | 19857 | 3.84 | 2.03 | 3.68 | 7.38 | 1092 | 789 |
| 10/28/2016 17:06 | 303.7125116 Winding up 4400 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7125694 Winding up 3350 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7126157 Winding up 2350 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7126505 Winding up 1600 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7128241 Winding up 1400 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7128472 Rewinding | 5 | 19857 | 2.98 | 1.53 | 2.93 | 7.33 | 1039 | 767 |
| 10/28/2016 17:06 | 303.7128472 Winding up 1800 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7128704 Winding up 2174 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7129051 Winding up 2850 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7129398 Winding up 3625 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7129861 Winding up 4449 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7130440 Winding up 5449 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7131134 Winding up 5550 ticks | 3 | | | | | | |
| 10/28/2016 17:06 | 303.7131829 Winding up 4524 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7131944 Rewinding | 5 | 19857 | 2.33 | 0.38 | 2.18 | 7.57 | 1101 | 784 |
| 10/28/2016 17:07 | 303.7132407 Winding up 3525 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7132870 Winding up 2650 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7133218 Winding up 2025 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7135301 Winding up 1350 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7135417 Rewinding | 5 | 19857 | 1.47 | 0.02 | 1.43 | 7.6 | 1101 | 320 |
| 10/28/2016 17:07 | 303.7135532 Winding up 1775 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7135764 Winding up 2325 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7136111 Winding up 2975 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7136574 Winding up 3900 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7137037 Winding up 5025 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7137731 Winding up 5775 ticks | 3 | | | | | | |
| 10/28/2016 17:07 | 303.7138426 Winding up 5875 ticks | 3 | | | | | | |
| 10/28/2016 17:08 | 303.7138889 Rewinding | 5 | 19857 | 0.87 | -1.02 | 0.68 | 7.52 | 1068 | 792 |
| 10/28/2016 17:08 | 303.7139120 Winding up 5025 ticks | 3 | | | | | | |

| 10/28/2016 17:08 | 303.7139352 Winding up 4625 ticks | 3 |
| 10/28/2016 17:08 | 303.7139468 Winding up 4575 ticks | 3 |
| 10/28/2016 17:08 | 303.7139583 Winding up 4425 ticks | 3 |
| 10/28/2016 17:08 | 303.7139699 Winding up 4325 ticks | 3 |
| 10/28/2016 17:08 | 303.7139815 Winding up 4275 ticks | 3 |
| 10/28/2016 17:08 | 303.7139931 Winding up 4225 ticks | 3 |
| 10/28/2016 17:08 | 303.7140046 Winding up 4200 ticks | 3 |
| 10/28/2016 17:08 | 303.7140162 Winding up 4175 ticks | 3 |
| 10/28/2016 17:08 | Winding up 4200 ticks | |
| 10/28/2016 17:08 | Overcurrent (motor jam) condition detected | |
| 10/28/2016 17:08 | State 5 (FINISHED) | |
| 10/28/2016 17:51 | Manual stop | |
| 10/28/2016 17:51 | State 1 (IDLE) | |
| 10/28/2016 17:53 | Manual stop | |
| 10/28/2016 17:53 | State 1 (IDLE) | |
| 10/28/2016 17:57 | Manual stop | |
| 10/28/2016 17:57 | State 1 (IDLE) | |
| 10/28/2016 17:57 | Manual stop | |
| 10/28/2016 17:57 | State 1 (IDLE) | |

DPS3-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 21:30 | 303.8958333 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/28/2016 21:30 | 303.8961806 | Deploying | 2 | 30 | 0.31 | 0 | 0.02 | 8.3 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 21:31 | 303.8965278 | Deploying | 2 | 60 | 0.32 | 0 | 0.04 | 8.25 | 0 | 0 | 0 | -2 | 2 | 0 | 2 |
| 10/28/2016 21:31 | 303.8968750 | Deploying | 2 | 90 | 0.31 | 0 | 0.06 | 8.27 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/28/2016 21:32 | 303.8972222 | Deploying | 2 | 120 | 0.32 | 0 | 0.08 | 8.27 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| 10/28/2016 21:32 | 303.8975694 | Deploying | 2 | 150 | 0.32 | 0 | 0.09 | 8.29 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 21:33 | 303.8979167 | Deploying | 2 | 180 | 0.31 | 0 | 0.11 | 8.24 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 21:33 | 303.8982639 | Deploying | 2 | 210 | 0.32 | 0 | 0.13 | 8.24 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 21:34 | 303.8986111 | Deploying | 2 | 240 | 0.32 | 0 | 0.14 | 8.25 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 21:34 | 303.8989583 | Deploying | 2 | 270 | 0.31 | 0 | 0.16 | 8.27 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 21:35 | 303.8993056 | Deploying | 2 | 300 | 0.32 | 0 | 0.18 | 8.29 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 21:35 | 303.8996528 | Deploying | 2 | 330 | 0.32 | 0 | 0.19 | 8.29 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 21:36 | 303.9000000 | Deploying | 2 | 360 | 0.31 | 0 | 0.21 | 8.29 | 0 | 0 | 0 | -2 | 1 | 0 | 1 |
| 10/28/2016 21:36 | 303.9003472 | Deploying | 2 | 390 | 0.31 | 0 | 0.23 | 8.29 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 21:37 | 303.9006944 | Deploying | 2 | 420 | 0.31 | 0 | 0.25 | 8.3 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 21:37 | 303.9010417 | Deploying | 2 | 450 | 0.31 | 0 | 0.26 | 8.25 | 0 | 0 | 0 | -2 | -1 | 0 | -1 |
| 10/28/2016 21:38 | 303.9013889 | Deploying | 2 | 480 | 0.31 | 0 | 0.28 | 8.25 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 10/28/2016 21:38 | 303.9017361 | Deploying | 2 | 510 | 0.31 | 0 | 0.3 | 8.25 | 0 | 0 | 0 | -5 | 0 | -2 | 0 |
| 10/28/2016 21:39 | 303.9020833 | Deploying | 2 | 540 | 0.32 | 0 | 0.31 | 8.27 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 21:39 | 303.9024306 | Deploying | 2 | 570 | 0.31 | 0 | 0.33 | 8.29 | 0 | 0 | 0 | -3 | 1 | 0 | 1 |
| 10/28/2016 21:40 | 303.9027778 | Deploying | 2 | 600 | 0.32 | 0 | 0.35 | 8.27 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 21:40 | 303.9031250 | Deploying | 2 | 630 | 0.31 | 0 | 0.36 | 8.22 | 0 | 0 | 0 | 0 | -1 | 1 | -1 |
| 10/28/2016 21:40 | 303.9034606 | Winding down 1873 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:41 | 303.9034722 | Deploying | 2 | 660 | 0.31 | 0.07 | 0.38 | 8.24 | 1913 | 1507 | 0 | 0 | 0 | 2 | 0 |
| 10/28/2016 21:41 | 303.9038194 | Deploying | 2 | 690 | 0.37 | 0.07 | 0.4 | 8.29 | 1913 | 236 | 0 | -1 | 2 | 1 | 2 |
| 10/28/2016 21:42 | 303.9041667 | Deploying | 2 | 720 | 0.38 | 0.07 | 0.42 | 8.25 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 21:42 | 303.9043981 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:42 | 303.9045139 | Deploying | 2 | 750 | 0.39 | 0.13 | 0.43 | 8.29 | 2123 | 1509 | 0 | -2 | 1 | 0 | 1 |
| 10/28/2016 21:43 | 303.9048611 | Deploying | 2 | 780 | 0.43 | 0.13 | 0.45 | 8.29 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 21:43 | 303.9052083 | Deploying | 2 | 810 | 0.42 | 0.13 | 0.47 | 8.22 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 21:43 | 303.9055440 | Winding down 1773 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:44 | 303.9055556 | Deploying | 2 | 840 | 0.41 | 0.19 | 0.48 | 8.25 | 2022 | 1504 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 21:44 | 303.9059028 | Deploying | 2 | 870 | 0.49 | 0.19 | 0.5 | 8.24 | 2022 | 190 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 21:45 | 303.9062500 | Deploying | 2 | 900 | 0.49 | 0.19 | 0.52 | 8.27 | 0 | 0 | 0 | 3 | 2 | 0 | 2 |
| 10/28/2016 21:45 | 303.9065972 | Deploying | 2 | 930 | 0.49 | 0.19 | 0.53 | 8.24 | 0 | 0 | 0 | -1 | -2 | 0 | -2 |
| 10/28/2016 21:46 | 303.9069444 | Deploying | 2 | 960 | 0.5 | 0.19 | 0.55 | 8.27 | 0 | 0 | 0 | -2 | -1 | 0 | -1 |
| 10/28/2016 21:46 | 303.9070255 | Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:46 | 303.9072917 | Deploying | 2 | 990 | 0.54 | 0.25 | 0.57 | 8.3 | 2144 | 1508 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 21:47 | 303.9076389 | Deploying | 2 | 1020 | 0.54 | 0.25 | 0.59 | 8.29 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 21:47 | 303.9078588 | Winding down 1506 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:47 | 303.9079861 | Deploying | 2 | 1050 | 0.56 | 0.31 | 0.6 | 8.27 | 1928 | 1498 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 21:48 | 303.9083333 | Deploying | 2 | 1080 | 0.6 | 0.31 | 0.62 | 8.24 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 21:48 | 303.9086806 | Deploying | 2 | 1110 | 0.61 | 0.31 | 0.64 | 8.24 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 21:49 | 303.9090278 | Deploying | 2 | 1140 | 0.62 | 0.31 | 0.65 | 8.24 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 21:49 | 303.9093750 | Deploying | 2 | 1170 | 0.61 | 0.31 | 0.67 | 8.25 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 21:49 | 303.9095139 | Winding down 1682 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:50 | 303.9097222 | Deploying | 2 | 1200 | 0.64 | 0.37 | 0.69 | 8.27 | 1964 | 1513 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 21:50 | 303.9100694 | Deploying | 2 | 1230 | 0.67 | 0.37 | 0.7 | 8.29 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 21:51 | 303.9104167 | Deploying | 2 | 1260 | 0.67 | 0.37 | 0.72 | 8.24 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 21:51 | 303.9104977 | Winding down 1336 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:51 | 303.9107639 | Deploying | 2 | 1290 | 0.71 | 0.42 | 0.74 | 8.25 | 1964 | 1499 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 21:52 | 303.9111111 | Deploying | 2 | 1320 | 0.72 | 0.42 | 0.76 | 8.27 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 21:52 | 303.9114583 | Deploying | 2 | 1350 | 0.72 | 0.42 | 0.77 | 8.22 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 21:52 | 303.9116782 Winding down 1381 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:53 | 303.9118056 Deploying | 2 | 1380 | 0.75 | 0.47 | 0.79 | 8.27 | 1916 | 1493 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 21:53 | 303.9121528 Deploying | 2 | 1410 | 0.77 | 0.47 | 0.81 | 8.29 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 21:54 | 303.9125000 Deploying | 2 | 1440 | 0.78 | 0.47 | 0.82 | 8.25 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 21:54 | 303.9128125 Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:54 | 303.9128472 Deploying | 2 | 1470 | 0.78 | 0.53 | 0.84 | 8.21 | 2149 | 1509 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 21:55 | 303.9131944 Deploying | 2 | 1500 | 0.82 | 0.53 | 0.86 | 8.25 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 21:55 | 303.9135417 Deploying | 2 | 1530 | 0.83 | 0.53 | 0.87 | 8.22 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 21:56 | 303.9138889 Deploying | 2 | 1560 | 0.84 | 0.53 | 0.89 | 8.27 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 21:56 | 303.9140856 Winding down 1678 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:56 | 303.9142361 Deploying | 2 | 1590 | 0.87 | 0.6 | 0.91 | 8.22 | 1872 | 1455 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 21:57 | 303.9145833 Deploying | 2 | 1620 | 0.9 | 0.6 | 0.93 | 8.24 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 21:57 | 303.9149306 Deploying | 2 | 1650 | 0.9 | 0.6 | 0.94 | 8.24 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 21:57 | 303.9152662 Winding down 1548 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:58 | 303.9152778 Deploying | 2 | 1680 | 0.9 | 0.65 | 0.96 | 8.22 | 1952 | 1490 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 21:58 | 303.9156250 Deploying | 2 | 1710 | 0.97 | 0.65 | 0.98 | 8.22 | 1952 | 99 | 0 | 3 | 2 | 2 | 2 |
| 10/28/2016 21:59 | 303.9159722 Deploying | 2 | 1740 | 0.96 | 0.65 | 0.99 | 8.24 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 21:59 | 303.9163194 Deploying | 2 | 1770 | 0.97 | 0.65 | 1.01 | 8.21 | 0 | 0 | 0 | 1 | 3 | 1 | 3 |
| 10/28/2016 22:00 | 303.9166667 Deploying | 2 | 1800 | 0.96 | 0.65 | 1.03 | 8.21 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:00 | 303.9167477 Winding down 1886 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:00 | 303.9170139 Deploying | 2 | 1830 | 1.01 | 0.72 | 1.04 | 8.22 | 1983 | 1481 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 22:01 | 303.9173611 Deploying | 2 | 1860 | 1.04 | 0.72 | 1.06 | 8.25 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:01 | 303.9177083 Deploying | 2 | 1890 | 1.04 | 0.72 | 1.08 | 8.17 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:01 | 303.9180324 Winding down 1709 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:02 | 303.9180556 Deploying | 2 | 1920 | 1.03 | 0.79 | 1.1 | 8.13 | 2156 | 1541 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:02 | 303.9184028 Deploying | 2 | 1950 | 1.11 | 0.79 | 1.11 | 8.22 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:03 | 303.9187500 Deploying | 2 | 1980 | 1.11 | 0.79 | 1.13 | 8.21 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:03 | 303.9190972 Deploying | 2 | 2010 | 1.1 | 0.79 | 1.15 | 8.24 | 0 | 0 | 0 | 2 | 1 | 2 | 1 |
| 10/28/2016 22:03 | 303.9192708 Winding down 1324 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:04 | 303.9194444 Deploying | 2 | 2040 | 1.13 | 0.84 | 1.16 | 8.25 | 2103 | 1507 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 22:04 | 303.9197917 Deploying | 2 | 2070 | 1.15 | 0.84 | 1.18 | 8.22 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:05 | 303.9201389 Deploying | 2 | 2100 | 1.16 | 0.84 | 1.2 | 8.27 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:05 | 303.9204861 Deploying | 2 | 2130 | 1.15 | 0.84 | 1.21 | 8.22 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:05 | 303.9206366 Winding down 1671 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:06 | 303.9208333 Deploying | 2 | 2160 | 1.19 | 0.9 | 1.23 | 8.25 | 1955 | 1502 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:06 | 303.9211806 Deploying | 2 | 2190 | 1.22 | 0.9 | 1.25 | 8.22 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:07 | 303.9215278 Deploying | 2 | 2220 | 1.22 | 0.9 | 1.27 | 8.22 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:07 | 303.9217593 Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:07 | 303.9218750 Deploying | 2 | 2250 | 1.24 | 0.96 | 1.28 | 8.25 | 2171 | 1496 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:08 | 303.9222222 Deploying | 2 | 2280 | 1.29 | 0.96 | 1.3 | 8.24 | 0 | 0 | 0 | 2 | 3 | 3 | 3 |
| 10/28/2016 22:08 | 303.9225694 Deploying | 2 | 2310 | 1.27 | 0.96 | 1.32 | 8.22 | 0 | 0 | 0 | 2 | 3 | 2 | 3 |
| 10/28/2016 22:09 | 303.9229167 Deploying | 2 | 2340 | 1.28 | 0.96 | 1.33 | 8.22 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:09 | 303.9231597 Winding down 2110 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:09 | 303.9232639 Deploying | 2 | 2370 | 1.28 | 1.04 | 1.35 | 8.21 | 2190 | 1543 | 0 | 1 | 1 | 2 | 1 |
| 10/28/2016 22:10 | 303.9236111 Deploying | 2 | 2400 | 1.35 | 1.04 | 1.37 | 8.22 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:10 | 303.9239583 Deploying | 2 | 2430 | 1.37 | 1.04 | 1.38 | 8.21 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:11 | 303.9243056 Deploying | 2 | 2460 | 1.37 | 1.04 | 1.4 | 8.17 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:11 | 303.9246528 Deploying | 2 | 2490 | 1.37 | 1.04 | 1.42 | 8.21 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:11 | 303.9248148 Winding down 1385 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:12 | 303.9250000 Deploying | 2 | 2520 | 1.39 | 1.09 | 1.44 | 8.22 | 1913 | 1493 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:12 | 303.9253472 Deploying | 2 | 2550 | 1.42 | 1.09 | 1.45 | 8.25 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 22:13 | 303.9256944 Deploying | 2 | 2580 | 1.41 | 1.09 | 1.47 | 8.21 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:13 | 303.9256944 Winding down 1512 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:13 | 303.9260417 Deploying | 2 | 2610 | 1.46 | 1.15 | 1.49 | 8.21 | 1933 | 1523 | 0 | 1 | 1 | 1 | 1 |

| 10/28/2016 22:14 | 303.9263889 Deploying | 2 | 2640 | 1.47 | 1.15 | 1.5 | 8.19 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:14 | 303.9267361 Deploying | 2 | 2670 | 1.47 | 1.15 | 1.52 | 8.19 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:14 | 303.9269907 Winding down 1649 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:15 | 303.9270833 Deploying | 2 | 2700 | 1.48 | 1.21 | 1.54 | 8.19 | 2157 | 1540 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 22:15 | 303.9274306 Deploying | 2 | 2730 | 1.54 | 1.21 | 1.55 | 8.17 | 0 | 0 | 0 | 2 | 3 | 2 | 3 |
| 10/28/2016 22:16 | 303.9277778 Deploying | 2 | 2760 | 1.53 | 1.21 | 1.57 | 8.21 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 22:16 | 303.9281250 Deploying | 2 | 2790 | 1.52 | 1.21 | 1.59 | 8.17 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:16 | 303.9281366 Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:17 | 303.9284722 Deploying | 2 | 2820 | 1.59 | 1.27 | 1.61 | 8.21 | 1968 | 1491 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 22:17 | 303.9288194 Deploying | 2 | 2850 | 1.6 | 1.27 | 1.62 | 8.22 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:18 | 303.9291667 Deploying | 2 | 2880 | 1.59 | 1.27 | 1.64 | 8.21 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:18 | 303.9295139 Deploying | 2 | 2910 | 1.59 | 1.27 | 1.66 | 8.22 | 0 | 0 | 0 | 2 | 2 | 1 | 2 |
| 10/28/2016 22:18 | 303.9295718 Winding down 1783 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:19 | 303.9298611 Deploying | 2 | 2940 | 1.65 | 1.34 | 1.67 | 8.22 | 2076 | 1530 | 0 | 1 | 0 | 1 | 0 |
| 10/28/2016 22:19 | 303.9302083 Deploying | 2 | 2970 | 1.67 | 1.34 | 1.69 | 8.19 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:20 | 303.9305556 Deploying | 2 | 3000 | 1.67 | 1.34 | 1.71 | 8.19 | 0 | 0 | 0 | 2 | 2 | 1 | 2 |
| 10/28/2016 22:20 | 303.9309028 Deploying | 2 | 3030 | 1.68 | 1.34 | 1.72 | 8.16 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 22:20 | 303.9312384 Winding down 1998 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:21 | 303.9312500 Deploying | 2 | 3060 | 1.67 | 1.42 | 1.74 | 8.17 | 1952 | 1515 | 0 | 2 | 2 | 1 | 2 |
| 10/28/2016 22:21 | 303.9315972 Deploying | 2 | 3090 | 1.75 | 1.42 | 1.76 | 8.21 | 1952 | 209 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 22:22 | 303.9319444 Deploying | 2 | 3120 | 1.75 | 1.42 | 1.78 | 8.21 | 0 | 0 | 0 | 3 | 2 | 2 | 2 |
| 10/28/2016 22:22 | 303.9322917 Deploying | 2 | 3150 | 1.75 | 1.42 | 1.79 | 8.19 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:23 | 303.9326389 Deploying | 2 | 3180 | 1.75 | 1.42 | 1.81 | 8.17 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:23 | 303.9326968 Winding down 1733 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:23 | 303.9329861 Deploying | 2 | 3210 | 1.8 | 1.48 | 1.83 | 8.17 | 1934 | 1510 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:24 | 303.9333333 Deploying | 2 | 3240 | 1.81 | 1.48 | 1.84 | 8.21 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:24 | 303.9336806 Deploying | 2 | 3270 | 1.83 | 1.48 | 1.86 | 8.19 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 22:25 | 303.9340278 Deploying | 2 | 3300 | 1.81 | 1.48 | 1.88 | 8.16 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:25 | 303.9340625 Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:25 | 303.9343750 Deploying | 2 | 3330 | 1.87 | 1.55 | 1.89 | 8.19 | 2103 | 1538 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:26 | 303.9347222 Deploying | 2 | 3360 | 1.89 | 1.55 | 1.91 | 8.19 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:26 | 303.9350694 Deploying | 2 | 3390 | 1.89 | 1.55 | 1.93 | 8.17 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 22:26 | 303.9353819 Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:27 | 303.9354167 Deploying | 2 | 3420 | 1.89 | 1.61 | 1.95 | 8.16 | 2029 | 1518 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 22:27 | 303.9357639 Deploying | 2 | 3450 | 1.94 | 1.61 | 1.96 | 8.17 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 22:28 | 303.9361111 Deploying | 2 | 3480 | 1.94 | 1.61 | 1.98 | 8.19 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:28 | 303.9364583 Deploying | 2 | 3510 | 1.96 | 1.61 | 2 | 8.22 | 0 | 0 | 0 | 2 | 2 | 1 | 2 |
| 10/28/2016 22:29 | 303.9368056 Deploying | 2 | 3540 | 1.95 | 1.61 | 2.01 | 8.19 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 22:29 | 303.9368866 Winding down 1436 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:29 | 303.9371528 Deploying | 2 | 3570 | 2 | 1.66 | 2.03 | 8.21 | 2050 | 1496 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:30 | 303.9375000 Deploying | 2 | 3600 | 2.01 | 1.66 | 2.05 | 8.16 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:30 | 303.9378472 Deploying | 2 | 3630 | 2.02 | 1.66 | 2.06 | 8.19 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:31 | 303.9381944 Deploying | 2 | 3660 | 2.02 | 1.66 | 2.08 | 8.16 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 22:31 | 303.9382060 Winding down 1726 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:31 | 303.9385417 Deploying | 2 | 3690 | 2.08 | 1.73 | 2.1 | 8.21 | 1991 | 1478 | 0 | 1 | 3 | 1 | 3 |
| 10/28/2016 22:32 | 303.9388889 Deploying | 2 | 3720 | 2.09 | 1.73 | 2.12 | 8.17 | 0 | 0 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 22:32 | 303.9392361 Deploying | 2 | 3750 | 2.09 | 1.73 | 2.13 | 8.19 | 0 | 0 | 0 | 2 | 1 | 2 | 1 |
| 10/28/2016 22:33 | 303.9395833 Deploying | 2 | 3780 | 2.08 | 1.73 | 2.15 | 8.16 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 22:33 | 303.9396296 Winding down 1869 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:33 | 303.9399306 Deploying | 2 | 3810 | 2.14 | 1.8 | 2.17 | 8.21 | 2184 | 1532 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:34 | 303.9402778 Deploying | 2 | 3840 | 2.15 | 1.8 | 2.18 | 8.13 | 0 | 0 | 0 | 3 | 2 | 2 | 2 |
| 10/28/2016 22:34 | 303.9406250 Deploying | 2 | 3870 | 2.16 | 1.8 | 2.2 | 8.17 | 0 | 0 | 0 | 2 | 4 | 3 | 4 |
| 10/28/2016 22:34 | 303.9409259 Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:35 | 303.9409722 Deploying | 2 | 3900 | 2.16 | 1.86 | 2.22 | 8.16 | 1928 | 1498 | 0 | 4 | 3 | 3 | 3 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:35 | 303.9413194 Deploying | | 2 | 3930 | 2.22 | 1.86 | 2.23 | 8.19 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 22:36 | 303.9416667 Deploying | | 2 | 3960 | 2.23 | 1.86 | 2.25 | 8.16 | 0 | 0 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 22:36 | 303.9420139 Deploying | | 2 | 3990 | 2.22 | 1.86 | 2.27 | 8.17 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:37 | 303.9423611 Deploying | | 2 | 4020 | 2.22 | 1.86 | 2.29 | 8.19 | 0 | 0 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 22:37 | 303.9423958 Winding down 1705 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:37 | 303.9427083 Deploying | | 2 | 4050 | 2.3 | 1.92 | 2.3 | 8.14 | 1926 | 1478 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 22:38 | 303.9430556 Deploying | | 2 | 4080 | 2.31 | 1.92 | 2.32 | 8.16 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 22:38 | 303.9434028 Deploying | | 2 | 4110 | 2.31 | 1.92 | 2.34 | 8.17 | 0 | 0 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 22:39 | 303.9437500 Deploying | | 2 | 4140 | 2.31 | 1.92 | 2.35 | 8.16 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 22:39 | 303.9440046 Winding down 1749 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:39 | 303.9440972 Deploying | | 2 | 4170 | 2.32 | 1.99 | 2.37 | 8.14 | 2144 | 1502 | 0 | 1 | 1 | 2 | 1 |
| 10/28/2016 22:40 | 303.9444444 Deploying | | 2 | 4200 | 2.36 | 1.99 | 2.39 | 8.16 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 22:40 | 303.9447917 Deploying | | 2 | 4230 | 2.36 | 1.99 | 2.4 | 8.16 | 0 | 0 | 0 | 2 | 3 | 2 | 3 |
| 10/28/2016 22:41 | 303.9451389 Deploying | | 2 | 4260 | 2.37 | 1.99 | 2.42 | 8.17 | 0 | 0 | 0 | 4 | 4 | 2 | 4 |
| 10/28/2016 22:41 | 303.9452894 Winding down 1496 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:41 | 303.9454861 Deploying | | 2 | 4290 | 2.4 | 2.05 | 2.44 | 8.13 | 1979 | 1477 | 0 | 1 | 3 | 1 | 3 |
| 10/28/2016 22:42 | 303.9458333 Deploying | | 2 | 4320 | 2.43 | 2.05 | 2.46 | 8.17 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:42 | 303.9461806 Deploying | | 2 | 4350 | 2.41 | 2.05 | 2.47 | 8.19 | 0 | 0 | 0 | 2 | 2 | 1 | 2 |
| 10/28/2016 22:42 | 303.9463542 Winding down 1475 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:43 | 303.9465278 Deploying | | 2 | 4380 | 2.44 | 2.1 | 2.49 | 8.19 | 2110 | 1516 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:43 | 303.9468750 Deploying | | 2 | 4410 | 2.49 | 2.1 | 2.51 | 8.14 | 0 | 0 | 0 | 2 | 1 | 2 | 1 |
| 10/28/2016 22:44 | 303.9472222 Deploying | | 2 | 4440 | 2.48 | 2.1 | 2.52 | 8.13 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 22:44 | 303.9475694 Deploying | | 2 | 4470 | 2.48 | 2.1 | 2.54 | 8.17 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 22:44 | 303.9477662 Winding down 1778 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:45 | 303.9479167 Deploying | | 2 | 4500 | 2.52 | 2.17 | 2.56 | 8.14 | 1939 | 1487 | 0 | 2 | 2 | 1 | 2 |
| 10/28/2016 22:45 | 303.9482639 Deploying | | 2 | 4530 | 2.55 | 2.17 | 2.57 | 8.13 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:46 | 303.9486111 Deploying | | 2 | 4560 | 2.55 | 2.17 | 2.59 | 8.21 | 0 | 0 | 0 | 1 | 3 | 1 | 3 |
| 10/28/2016 22:46 | 303.9489583 Deploying | | 2 | 4590 | 2.55 | 2.17 | 2.61 | 8.21 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:46 | 303.9489699 Winding down 1551 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:47 | 303.9493056 Deploying | | 2 | 4620 | 2.61 | 2.23 | 2.63 | 8.16 | 1965 | 1452 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 22:47 | 303.9496528 Deploying | | 2 | 4650 | 2.62 | 2.23 | 2.64 | 8.14 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:48 | 303.9500000 Deploying | | 2 | 4680 | 2.61 | 2.23 | 2.66 | 8.14 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:48 | 303.9503472 Deploying | | 2 | 4710 | 2.62 | 2.23 | 2.68 | 8.13 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:48 | 303.9503704 Winding down 1365 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:49 | 303.9506944 Deploying | | 2 | 4740 | 2.66 | 2.28 | 2.69 | 8.14 | 1915 | 1479 | 0 | 1 | 1 | 2 | 1 |
| 10/28/2016 22:49 | 303.9510417 Deploying | | 2 | 4770 | 2.68 | 2.28 | 2.71 | 8.16 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:50 | 303.9513889 Deploying | | 2 | 4800 | 2.68 | 2.28 | 2.73 | 8.16 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 22:50 | 303.9516435 Winding down 1649 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:50 | 303.9517361 Deploying | | 2 | 4830 | 2.68 | 2.34 | 2.74 | 8.13 | 1929 | 1484 | 0 | 2 | 1 | 2 | 1 |
| 10/28/2016 22:51 | 303.9520833 Deploying | | 2 | 4860 | 2.75 | 2.34 | 2.76 | 8.14 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:51 | 303.9524306 Deploying | | 2 | 4890 | 2.74 | 2.34 | 2.78 | 8.14 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:51 | 303.9527662 Winding down 1748 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:52 | 303.9527778 Deploying | | 2 | 4920 | 2.73 | 2.41 | 2.8 | 8.17 | 2119 | 1507 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:52 | 303.9531250 Deploying | | 2 | 4950 | 2.8 | 2.41 | 2.81 | 8.13 | 2119 | 70 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:53 | 303.9534722 Deploying | | 2 | 4980 | 2.82 | 2.41 | 2.83 | 8.16 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 22:53 | 303.9538194 Deploying | | 2 | 5010 | 2.8 | 2.41 | 2.85 | 8.14 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:54 | 303.9541667 Deploying | | 2 | 5040 | 2.81 | 2.41 | 2.86 | 8.13 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:54 | 303.9541782 Winding down 1376 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:54 | 303.9545139 Deploying | | 2 | 5070 | 2.86 | 2.46 | 2.88 | 8.16 | 1952 | 1501 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:55 | 303.9548611 Deploying | | 2 | 5100 | 2.87 | 2.46 | 2.9 | 8.17 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 22:55 | 303.9552083 Deploying | | 2 | 5130 | 2.85 | 2.46 | 2.91 | 8.13 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 22:55 | 303.9553935 Winding down 1664 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:56 | 303.9555556 Deploying | | 2 | 5160 | 2.9 | 2.52 | 2.93 | 8.14 | 1908 | 1488 | 0 | 2 | 1 | 2 | 1 |
| 10/28/2016 22:56 | 303.9559028 Deploying | | 2 | 5190 | 2.92 | 2.52 | 2.95 | 8.13 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:57 | 303.9562500 | Deploying | | 2 | 5220 | 2.93 | 2.52 | 2.97 | 8.14 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 22:57 | 303.9565972 | Deploying | | 2 | 5250 | 2.91 | 2.52 | 2.98 | 8.14 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:57 | 303.9567014 | Winding down 1965 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 22:58 | 303.9569444 | Deploying | | 2 | 5280 | 2.98 | 2.6 | 3 | 8.14 | 1971 | 1476 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:58 | 303.9572917 | Deploying | | 2 | 5310 | 2.99 | 2.6 | 3.02 | 8.13 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 22:59 | 303.9576389 | Deploying | | 2 | 5340 | 3 | 2.6 | 3.03 | 8.1 | 0 | 0 | 0 | 2 | 3 | 2 | 3 |
| 10/28/2016 22:59 | 303.9579861 | Deploying | | 2 | 5370 | 3 | 2.6 | 3.05 | 8.1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 22:59 | 303.9582407 | Winding down 1724 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:00 | 303.9583333 | Deploying | | 2 | 5400 | 3.02 | 2.66 | 3.07 | 8.08 | 1981 | 1504 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 23:00 | 303.9586806 | Deploying | | 2 | 5430 | 3.07 | 2.66 | 3.08 | 8.14 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:01 | 303.9590278 | Deploying | | 2 | 5460 | 3.08 | 2.66 | 3.1 | 8.11 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 23:01 | 303.9593750 | Deploying | | 2 | 5490 | 3.06 | 2.66 | 3.12 | 8.16 | 0 | 0 | 0 | -1 | 1 | 1 | 1 |
| 10/28/2016 23:01 | 303.9595486 | Winding down 1350 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:02 | 303.9597222 | Deploying | | 2 | 5520 | 3.1 | 2.71 | 3.14 | 8.16 | 2161 | 1515 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 23:02 | 303.9600694 | Deploying | | 2 | 5550 | 3.13 | 2.71 | 3.15 | 8.13 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:03 | 303.9604167 | Deploying | | 2 | 5580 | 3.12 | 2.71 | 3.17 | 8.13 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 23:03 | 303.9607639 | Deploying | | 2 | 5610 | 3.12 | 2.71 | 3.19 | 8.11 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 23:03 | 303.9607986 | Winding down 1680 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:04 | 303.9611111 | Deploying | | 2 | 5640 | 3.19 | 2.78 | 3.2 | 8.13 | 1955 | 1489 | 0 | 2 | 2 | 1 | 2 |
| 10/28/2016 23:04 | 303.9614583 | Deploying | | 2 | 5670 | 3.19 | 2.78 | 3.22 | 8.11 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 10/28/2016 23:05 | 303.9618056 | Deploying | | 2 | 5700 | 3.19 | 2.78 | 3.24 | 8.14 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 23:05 | 303.9620370 | Winding down 1520 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:05 | 303.9621528 | Deploying | | 2 | 5730 | 3.2 | 2.84 | 3.25 | 8.11 | 1987 | 1474 | 0 | -1 | 4 | 2 | 4 |
| 10/28/2016 23:06 | 303.9625000 | Deploying | | 2 | 5760 | 3.25 | 2.84 | 3.27 | 8.13 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:06 | 303.9628472 | Deploying | | 2 | 5790 | 3.25 | 2.84 | 3.29 | 8.11 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 23:07 | 303.9631944 | Deploying | | 2 | 5820 | 3.27 | 2.84 | 3.31 | 8.14 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 23:07 | 303.9635417 | Deploying | | 2 | 5850 | 3.24 | 2.84 | 3.32 | 8.13 | 0 | 0 | 0 | 3 | 1 | 1 | 1 |
| 10/28/2016 23:07 | 303.9635532 | Winding down 2051 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:08 | 303.9638889 | Deploying | | 2 | 5880 | 3.33 | 2.91 | 3.34 | 8.1 | 2089 | 1482 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:08 | 303.9642361 | Deploying | | 2 | 5910 | 3.33 | 2.91 | 3.36 | 8.14 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 23:09 | 303.9645833 | Deploying | | 2 | 5940 | 3.33 | 2.91 | 3.37 | 8.13 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 23:09 | 303.9649306 | Deploying | | 2 | 5970 | 3.33 | 2.91 | 3.39 | 8.11 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 10/28/2016 23:09 | 303.9649769 | Winding down 1469 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:10 | 303.9652778 | Deploying | | 2 | 6000 | 3.38 | 2.97 | 3.41 | 8.11 | 1940 | 1500 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 23:10 | 303.9656250 | Deploying | | 2 | 6030 | 3.4 | 2.97 | 3.42 | 8.13 | 0 | 0 | 0 | -1 | 3 | 1 | 3 |
| 10/28/2016 23:11 | 303.9659722 | Deploying | | 2 | 6060 | 3.4 | 2.97 | 3.44 | 8.16 | 0 | 0 | 0 | 2 | 0 | 1 | 0 |
| 10/28/2016 23:11 | 303.9662616 | Winding down 1666 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:11 | 303.9663194 | Deploying | | 2 | 6090 | 3.4 | 3.03 | 3.46 | 8.14 | 2127 | 1528 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 23:12 | 303.9666667 | Deploying | | 2 | 6120 | 3.45 | 3.03 | 3.48 | 8.1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 23:12 | 303.9670139 | Deploying | | 2 | 6150 | 3.46 | 3.03 | 3.49 | 8.11 | 0 | 0 | 0 | 1 | 3 | 1 | 3 |
| 10/28/2016 23:13 | 303.9673611 | Deploying | | 2 | 6180 | 3.46 | 3.03 | 3.51 | 8.11 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 23:13 | 303.9676273 | Winding down 1613 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:13 | 303.9677083 | Deploying | | 2 | 6210 | 3.47 | 3.09 | 3.53 | 8.13 | 1861 | 1451 | 0 | 2 | 0 | 2 | 0 |
| 10/28/2016 23:14 | 303.9680556 | Deploying | | 2 | 6240 | 3.53 | 3.09 | 3.54 | 8.11 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 23:14 | 303.9684028 | Deploying | | 2 | 6270 | 3.53 | 3.09 | 3.56 | 8.11 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 23:15 | 303.9687500 | Deploying | | 2 | 6300 | 3.54 | 3.09 | 3.58 | 8.11 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 23:15 | 303.9690394 | Winding down 1616 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:15 | 303.9690972 | Deploying | | 2 | 6330 | 3.53 | 3.16 | 3.59 | 8.14 | 2002 | 1485 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 23:16 | 303.9694444 | Deploying | | 2 | 6360 | 3.59 | 3.16 | 3.61 | 8.13 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 23:16 | 303.9697917 | Deploying | | 2 | 6390 | 3.58 | 3.16 | 3.63 | 8.1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 23:16 | 303.9700231 | Winding down 1520 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 23:17 | 303.9701389 | Deploying | | 2 | 6420 | 3.61 | 3.21 | 3.65 | 8.14 | 1944 | 1510 | 0 | 1 | 3 | 1 | 3 |
| 10/28/2016 23:17 | 303.9704861 | Deploying | | 2 | 6450 | 3.65 | 3.21 | 3.66 | 8.11 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 23:18 | 303.9708333 | Deploying | | 2 | 6480 | 3.67 | 3.21 | 3.68 | 8.11 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |

| Date/Time | Value | Status | Code | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 23:18 | 303.9711806 | Deploying | 2 | 6510 | 3.66 | 3.21 | 3.7 | 8.11 | 0 | 0 | 0 | 1 | 3 | 1 | 3 |
| 10/28/2016 23:19 | 303.9715278 | Deploying | 2 | 6540 | 3.66 | 3.21 | 3.71 | 8.11 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 23:19 | 303.9717824 | Winding down 2049 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:19 | 303.9718750 | Deploying | 2 | 6570 | 3.67 | 3.29 | 3.73 | 8.11 | 1999 | 1478 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 23:20 | 303.9722222 | Deploying | 2 | 6600 | 3.74 | 3.29 | 3.75 | 8.13 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:20 | 303.9725694 | Deploying | 2 | 6630 | 3.74 | 3.29 | 3.76 | 8.1 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 23:21 | 303.9729167 | Deploying | 2 | 6660 | 3.73 | 3.29 | 3.78 | 8.1 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:21 | 303.9730671 | Winding down 1546 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:21 | 303.9732639 | Deploying | 2 | 6690 | 3.77 | 3.35 | 3.8 | 8.11 | 1985 | 1479 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:22 | 303.9736111 | Deploying | 2 | 6720 | 3.8 | 3.35 | 3.82 | 8.1 | 0 | 0 | 0 | 2 | 1 | 2 | 1 |
| 10/28/2016 23:22 | 303.9739583 | Deploying | 2 | 6750 | 3.79 | 3.35 | 3.83 | 8.08 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:23 | 303.9743056 | Deploying | 2 | 6780 | 3.8 | 3.35 | 3.85 | 8.11 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:23 | 303.9745718 | Winding down 1688 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:23 | 303.9746528 | Deploying | 2 | 6810 | 3.8 | 3.41 | 3.87 | 8.13 | 1918 | 1475 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 23:24 | 303.9750000 | Deploying | 2 | 6840 | 3.86 | 3.41 | 3.88 | 8.1 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:24 | 303.9753472 | Deploying | 2 | 6870 | 3.86 | 3.41 | 3.9 | 8.1 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 23:25 | 303.9756944 | Deploying | 2 | 6900 | 3.87 | 3.41 | 3.92 | 8.1 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 23:25 | 303.9758796 | Winding down 1439 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:25 | 303.9760417 | Deploying | 2 | 6930 | 3.89 | 3.47 | 3.93 | 8.16 | 1947 | 1489 | 0 | 2 | 2 | 2 | 2 |
| 10/28/2016 23:26 | 303.9763889 | Deploying | 2 | 6960 | 3.93 | 3.47 | 3.95 | 8.06 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 23:26 | 303.9767361 | Deploying | 2 | 6990 | 3.91 | 3.47 | 3.97 | 8.11 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 23:26 | 303.9768287 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:27 | 303.9770833 | Deploying | 2 | 7020 | 3.95 | 3.53 | 3.99 | 8.06 | 1986 | 1489 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 23:27 | 303.9774306 | Deploying | 2 | 7050 | 3.99 | 3.53 | 4 | 8.11 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 23:28 | 303.9777778 | Deploying | 2 | 7080 | 3.98 | 3.53 | 4.02 | 8.13 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:28 | 303.9780208 | Winding down 1335 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:28 | 303.9781250 | Deploying | 2 | 7110 | 4 | 3.58 | 4.04 | 8.13 | 1949 | 1470 | 0 | 1 | 3 | 2 | 3 |
| 10/28/2016 23:29 | 303.9784722 | Deploying | 2 | 7140 | 4.04 | 3.58 | 4.05 | 8.13 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:29 | 303.9788194 | Deploying | 2 | 7170 | 4.04 | 3.58 | 4.07 | 8.11 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 23:30 | 303.9791667 | Deploying | 2 | 7200 | 4.03 | 3.58 | 4.09 | 8.08 | 0 | 0 | 0 | 3 | 1 | 1 | 1 |
| 10/28/2016 23:30 | 303.9794213 | Winding down 1799 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:30 | 303.9795139 | Deploying | 2 | 7230 | 4.05 | 3.65 | 4.1 | 8.05 | 2105 | 1499 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 23:31 | 303.9798611 | Deploying | 2 | 7260 | 4.09 | 3.65 | 4.12 | 8.11 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:31 | 303.9802083 | Deploying | 2 | 7290 | 4.09 | 3.65 | 4.14 | 8.11 | 0 | 0 | 0 | 2 | 1 | 2 | 1 |
| 10/28/2016 23:32 | 303.9805556 | Deploying | 2 | 7320 | 4.1 | 3.65 | 4.16 | 8.08 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:32 | 303.9806250 | Winding down 1397 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:32 | 303.9809028 | Deploying | 2 | 7350 | 4.15 | 3.7 | 4.17 | 8.08 | 1935 | 1498 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 23:33 | 303.9812500 | Deploying | 2 | 7380 | 4.17 | 3.7 | 4.19 | 8.1 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 23:33 | 303.9815972 | Deploying | 2 | 7410 | 4.16 | 3.7 | 4.21 | 8.08 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 23:34 | 303.9819444 | Deploying | 2 | 7440 | 4.16 | 3.7 | 4.22 | 8.14 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 23:34 | 303.9820139 | Winding down 1622 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:34 | 303.9822917 | Deploying | 2 | 7470 | 4.22 | 3.76 | 4.24 | 8.1 | 2103 | 1484 | 0 | -11 | -20 | -8 | -20 |
| 10/28/2016 23:35 | 303.9826389 | Deploying | 2 | 7500 | 4.23 | 3.76 | 4.26 | 8.08 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 23:35 | 303.9829861 | Deploying | 2 | 7530 | 4.24 | 3.76 | 4.27 | 8.05 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 23:36 | 303.9833333 | Deploying | 2 | 7560 | 4.22 | 3.76 | 4.29 | 8.06 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 23:36 | 303.9833796 | Winding down 1994 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:36 | 303.9836806 | Deploying | 2 | 7590 | 4.27 | 3.84 | 4.31 | 8.06 | 2136 | 1521 | 1 | -5 | -8 | -14 | -8 |
| 10/28/2016 23:37 | 303.9840278 | Deploying | 2 | 7620 | 4.31 | 3.84 | 4.33 | 8.08 | 0 | 0 | 2 | -41 | -42 | -30 | -42 |
| 10/28/2016 23:37 | 303.9843750 | Deploying | 2 | 7650 | 4.31 | 3.84 | 4.34 | 8.1 | 0 | 0 | 0 | -24 | -16 | -22 | -16 |
| 10/28/2016 23:38 | 303.9847222 | Deploying | 2 | 7680 | 4.29 | 3.84 | 4.36 | 8.1 | 0 | 0 | 0 | -10 | -10 | -10 | -10 |
| 10/28/2016 23:38 | 303.9847222 | Winding down 1662 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:38 | 303.9850694 | Deploying | 2 | 7710 | 4.36 | 3.9 | 4.38 | 8.11 | 1886 | 1439 | 0 | -12 | -17 | -13 | -17 |
| 10/28/2016 23:39 | 303.9854167 | Deploying | 2 | 7740 | 4.37 | 3.9 | 4.39 | 8.05 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 10/28/2016 23:39 | 303.9857639 | Deploying | 2 | 7770 | 4.36 | 3.9 | 4.41 | 8.08 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |

| Date | Time | Event | State | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 23:39 | 303.9859722 | Winding down 1292 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:40 | 303.9861111 | Deploying | 2 | 7800 | 4.4 | 3.95 | 4.43 | 8.1 | 1886 | 1447 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 23:40 | 303.9864583 | Deploying | 2 | 7830 | 4.41 | 3.95 | 4.44 | 8.11 | 0 | 0 | 0 | -6 | -4 | -5 | -4 |
| 10/28/2016 23:41 | 303.9868056 | Deploying | 2 | 7860 | 4.42 | 3.95 | 4.46 | 8.08 | 0 | 0 | 0 | -6 | -4 | -4 | -4 |
| 10/28/2016 23:41 | 303.9871528 | Deploying | 2 | 7890 | 4.41 | 3.95 | 4.48 | 8.1 | 0 | 0 | 0 | -5 | -6 | -4 | -6 |
| 10/28/2016 23:41 | 303.9872338 | Winding down 1686 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:42 | 303.9875000 | Deploying | 2 | 7920 | 4.45 | 4.02 | 4.5 | 8.13 | 1875 | 1468 | 1 | -11 | -17 | -19 | -17 |
| 10/28/2016 23:42 | 303.9876736 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/28/2016 23:42 | 303.9876736 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/28/2016 23:42 | 303.9877083 | Winding up 1824 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:42 | 303.9877315 | Winding up 3099 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:42 | 303.9877778 | Winding up 5299 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:42 | 303.9878472 | Rewinding | 5 | 7935 | 4.4 | 3.63 | 4.12 | 7.92 | 1059 | 744 | | | | | |
| 10/28/2016 23:42 | 303.9878472 | Winding up 7674 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:42 | 303.9879398 | Winding up 9024 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:42 | 303.9880556 | Winding up 8099 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:42 | 303.9881597 | Winding up 5874 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9881944 | Rewinding | 5 | 7935 | 3.55 | 2.46 | 3.37 | 7.9 | 1059 | 767 | | | | | |
| 10/28/2016 23:43 | 303.9882292 | Winding up 4400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9882870 | Winding up 3200 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9883333 | Winding up 2275 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9883681 | Winding up 1700 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9885417 | Rewinding | 5 | 7935 | 2.64 | 2.02 | 2.62 | 8.08 | 1085 | 783 | | | | | |
| 10/28/2016 23:43 | 303.9885648 | Winding up 1399 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9885880 | Winding up 1875 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9886111 | Winding up 2275 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9886458 | Winding up 2974 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9886921 | Winding up 3849 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9887384 | Winding up 5000 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9888079 | Winding up 5674 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:43 | 303.9888773 | Winding up 5625 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9888889 | Rewinding | 5 | 7935 | 2.06 | 0.94 | 1.87 | 8.06 | 1102 | 774 | | | | | |
| 10/28/2016 23:44 | 303.9889468 | Winding up 4500 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9890046 | Winding up 3500 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9890509 | Winding up 2600 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9890856 | Winding up 1900 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9891088 | Winding up 1425 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9892361 | Rewinding | 5 | 7935 | 1.1 | 0.41 | 1.12 | 8.03 | 1102 | 196 | | | | | |
| 10/28/2016 23:44 | 303.9893287 | Winding up 1350 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9893519 | Winding up 1875 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9893750 | Winding up 2425 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9894097 | Winding up 3300 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9894560 | Winding up 4425 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9895139 | Winding up 5700 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9895486 | Winding up 6225 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9895602 | Winding up 6400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:44 | 303.9895718 | Winding up 6500 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:45 | 303.9895833 | Rewinding | 5 | 7935 | 0.61 | -0.22 | 0.37 | 8 | 1134 | 939 | | | | | |
| 10/28/2016 23:45 | 303.9895833 | Winding up 6624 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:45 | 303.9895949 | Winding up 6749 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:45 | 303.9896065 | Winding up 6900 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:45 | 303.9896181 | Winding up 7075 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:45 | 303.9896296 | Winding up 7250 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:45 | 303.9896412 | Winding up 7349 ticks | 3 | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| 10/28/2016 23:45 | 303.9896528 | Overcurrent (motor jam) condition detected | 5 |
| 10/28/2016 23:45 | 303.9896528 | State 5 (FINISHED) | 5 |
| 10/29/2016 0:39 | 304.0272338 | Manual stop | 5 |
| 10/29/2016 0:39 | 304.0272338 | State 1 (IDLE) | 5 |
| 10/29/2016 0:41 | 304.0287847 | Manual stop | 5 |
| 10/29/2016 0:41 | 304.0287847 | State 1 (IDLE) | 5 |

DPS3-3

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:30 | 303.3125000 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/29/2016 7:30 | 303.3128472 | Deploying | 2 | 30 | 0.3 | 0 | 0.02 | 8.25 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 7:31 | 303.3131944 | Deploying | 2 | 60 | 0.3 | 0 | 0.04 | 8.17 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 7:31 | 303.3135417 | Deploying | 2 | 90 | 0.31 | 0 | 0.06 | 8.22 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 7:32 | 303.3138889 | Deploying | 2 | 120 | 0.3 | 0 | 0.08 | 8.19 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 7:32 | 303.3142361 | Deploying | 2 | 150 | 0.3 | 0 | 0.09 | 8.22 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 7:33 | 303.3145833 | Deploying | 2 | 180 | 0.31 | 0 | 0.11 | 8.24 | 0 | 0 | 0 | 7 | 7 | 6 | 7 |
| 10/29/2016 7:33 | 303.3149306 | Deploying | 2 | 210 | 0.3 | 0 | 0.13 | 8.24 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 7:34 | 303.3152778 | Deploying | 2 | 240 | 0.3 | 0 | 0.14 | 8.14 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:34 | 303.3156250 | Deploying | 2 | 270 | 0.31 | 0 | 0.16 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:35 | 303.3159722 | Deploying | 2 | 300 | 0.3 | 0 | 0.18 | 8.24 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 7:35 | 303.3163194 | Deploying | 2 | 330 | 0.3 | 0 | 0.19 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:36 | 303.3166667 | Deploying | 2 | 360 | 0.31 | 0 | 0.21 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:36 | 303.3170139 | Deploying | 2 | 390 | 0.3 | 0 | 0.23 | 8.25 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 7:37 | 303.3173611 | Deploying | 2 | 420 | 0.3 | 0 | 0.25 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:37 | 303.3177083 | Deploying | 2 | 450 | 0.3 | 0 | 0.26 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:38 | 303.3180556 | Deploying | 2 | 480 | 0.3 | 0 | 0.28 | 8.25 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 7:38 | 303.3184028 | Deploying | 2 | 510 | 0.29 | 0 | 0.3 | 8.21 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 7:39 | 303.3187500 | Deploying | 2 | 540 | 0.3 | 0 | 0.31 | 8.24 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 7:39 | 303.3190972 | Deploying | 2 | 570 | 0.31 | 0 | 0.33 | 8.24 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 7:40 | 303.3194444 | Deploying | 2 | 600 | 0.3 | 0 | 0.35 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:40 | 303.3197917 | Deploying | 2 | 630 | 0.3 | 0 | 0.36 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:40 | 303.3198727 | Winding down 1686 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:41 | 303.3201389 | Deploying | 2 | 660 | 0.34 | 0.06 | 0.38 | 8.22 | 1923 | 1459 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 7:41 | 303.3204861 | Deploying | 2 | 690 | 0.37 | 0.06 | 0.4 | 8.19 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 7:42 | 303.3208333 | Deploying | 2 | 720 | 0.37 | 0.06 | 0.42 | 8.24 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 7:42 | 303.3210417 | Winding down 1817 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:42 | 303.3211806 | Deploying | 2 | 750 | 0.38 | 0.13 | 0.43 | 8.22 | 2073 | 1481 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 7:43 | 303.3215278 | Deploying | 2 | 780 | 0.43 | 0.13 | 0.45 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:43 | 303.3218750 | Deploying | 2 | 810 | 0.43 | 0.13 | 0.47 | 8.22 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 7:43 | 303.3222106 | Winding down 1548 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:44 | 303.3222222 | Deploying | 2 | 840 | 0.42 | 0.19 | 0.48 | 8.21 | 2148 | 1506 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 7:44 | 303.3225694 | Deploying | 2 | 870 | 0.48 | 0.19 | 0.5 | 8.24 | 2148 | 125 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 7:45 | 303.3229167 | Deploying | 2 | 900 | 0.49 | 0.19 | 0.52 | 8.19 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 7:45 | 303.3232639 | Deploying | 2 | 930 | 0.49 | 0.19 | 0.53 | 8.21 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 7:45 | 303.3235301 | Winding down 1688 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:46 | 303.3236111 | Deploying | 2 | 960 | 0.5 | 0.25 | 0.55 | 8.14 | 1942 | 1506 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 7:46 | 303.3239583 | Deploying | 2 | 990 | 0.54 | 0.25 | 0.57 | 8.19 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 7:47 | 303.3243056 | Deploying | 2 | 1020 | 0.56 | 0.25 | 0.59 | 8.21 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 7:47 | 303.3246528 | Deploying | 2 | 1050 | 0.55 | 0.25 | 0.6 | 8.21 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 7:47 | 303.3247454 | Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:48 | 303.3250000 | Deploying | 2 | 1080 | 0.6 | 0.31 | 0.62 | 8.21 | 2151 | 1508 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 7:48 | 303.3253472 | Deploying | 2 | 1110 | 0.61 | 0.31 | 0.64 | 8.22 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 7:49 | 303.3256944 | Deploying | 2 | 1140 | 0.6 | 0.31 | 0.65 | 8.24 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 7:49 | 303.3260185 | Winding down 1709 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:49 | 303.3260417 | Deploying | 2 | 1170 | 0.61 | 0.37 | 0.67 | 8.13 | 2119 | 1490 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 7:50 | 303.3263889 | Deploying | 2 | 1200 | 0.68 | 0.37 | 0.69 | 8.19 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 7:50 | 303.3267361 | Deploying | 2 | 1230 | 0.67 | 0.37 | 0.7 | 8.21 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 7:51 | 303.3270833 | Deploying | 2 | 1260 | 0.68 | 0.37 | 0.72 | 8.17 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 7:51 | 303.3273611 | Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:51 | 303.3274306 | Deploying | 2 | 1290 | 0.69 | 0.43 | 0.74 | 8.21 | 2158 | 1528 | 0 | 9 | 11 | 9 | 11 |
| 10/29/2016 7:52 | 303.3277778 | Deploying | 2 | 1320 | 0.74 | 0.43 | 0.76 | 8.17 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 7:52 | 303.32281250 | Deploying | 2 | 1350 | 0.73 | 0.43 | 0.77 | 8.21 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:53 | 303.3284722 | Deploying | 2 | 1380 | 0.73 | 0.43 | 0.79 | 8.21 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 7:53 | 303.3286343 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:53 | 303.3288194 | Deploying | 2 | 1410 | 0.77 | 0.5 | 0.81 | 8.17 | 2160 | 1514 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 7:54 | 303.3291667 | Deploying | 2 | 1440 | 0.8 | 0.5 | 0.82 | 8.17 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 7:54 | 303.3295139 | Deploying | 2 | 1470 | 0.8 | 0.5 | 0.84 | 8.17 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 7:55 | 303.3298611 | Deploying | 2 | 1500 | 0.8 | 0.5 | 0.86 | 8.19 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 7:55 | 303.3299769 | Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:55 | 303.3302083 | Deploying | 2 | 1530 | 0.84 | 0.55 | 0.87 | 8.19 | 1898 | 1439 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 7:56 | 303.3305556 | Deploying | 2 | 1560 | 0.87 | 0.55 | 0.89 | 8.22 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 7:56 | 303.3309028 | Deploying | 2 | 1590 | 0.86 | 0.55 | 0.91 | 8.19 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 7:57 | 303.3312500 | Deploying | 2 | 1620 | 0.87 | 0.55 | 0.93 | 8.17 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 7:57 | 303.3312847 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:57 | 303.3315972 | Deploying | 2 | 1650 | 0.93 | 0.61 | 0.94 | 8.24 | 1863 | 1454 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 7:58 | 303.3319444 | Deploying | 2 | 1680 | 0.93 | 0.61 | 0.96 | 8.14 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 7:58 | 303.3322917 | Deploying | 2 | 1710 | 0.93 | 0.61 | 0.98 | 8.17 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 7:59 | 303.3326389 | Deploying | 2 | 1740 | 0.93 | 0.61 | 0.99 | 8.19 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 7:59 | 303.3326505 | Winding down 1676 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:59 | 303.3329861 | Deploying | 2 | 1770 | 0.99 | 0.68 | 1.01 | 8.22 | 1950 | 1487 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 8:00 | 303.3333333 | Deploying | 2 | 1800 | 0.99 | 0.68 | 1.03 | 8.21 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:00 | 303.3336806 | Deploying | 2 | 1830 | 0.99 | 0.68 | 1.04 | 8.22 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 8:00 | 303.3338079 | Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:01 | 303.3340278 | Deploying | 2 | 1860 | 1.03 | 0.74 | 1.06 | 8.19 | 2137 | 1507 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 8:01 | 303.3343750 | Deploying | 2 | 1890 | 1.07 | 0.74 | 1.08 | 8.16 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:02 | 303.3347222 | Deploying | 2 | 1920 | 1.07 | 0.74 | 1.1 | 8.17 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:02 | 303.3350694 | Deploying | 2 | 1950 | 1.07 | 0.74 | 1.11 | 8.21 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:02 | 303.3354051 | Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:03 | 303.3354167 | Deploying | 2 | 1980 | 1.07 | 0.8 | 1.13 | 8.13 | 2124 | 1468 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:03 | 303.3357639 | Deploying | 2 | 2010 | 1.12 | 0.8 | 1.15 | 8.24 | 2124 | 132 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:04 | 303.3361111 | Deploying | 2 | 2040 | 1.13 | 0.8 | 1.16 | 8.17 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:04 | 303.3364583 | Deploying | 2 | 2070 | 1.12 | 0.8 | 1.18 | 8.19 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:04 | 303.3365394 | Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:05 | 303.3368056 | Deploying | 2 | 2100 | 1.17 | 0.86 | 1.2 | 8.22 | 2001 | 1478 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:05 | 303.3371528 | Deploying | 2 | 2130 | 1.19 | 0.86 | 1.21 | 8.22 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:06 | 303.3375000 | Deploying | 2 | 2160 | 1.21 | 0.86 | 1.23 | 8.17 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:06 | 303.3378472 | Deploying | 2 | 2190 | 1.19 | 0.86 | 1.25 | 8.14 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:06 | 303.3380556 | Winding down 1842 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:07 | 303.3381944 | Deploying | 2 | 2220 | 1.21 | 0.93 | 1.27 | 8.17 | 1909 | 1459 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 8:07 | 303.3385417 | Deploying | 2 | 2250 | 1.26 | 0.93 | 1.28 | 8.19 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:08 | 303.3388889 | Deploying | 2 | 2280 | 1.27 | 0.93 | 1.3 | 8.19 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:08 | 303.3392361 | Deploying | 2 | 2310 | 1.26 | 0.93 | 1.32 | 8.21 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 8:08 | 303.3393981 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:09 | 303.3395833 | Deploying | 2 | 2340 | 1.3 | 0.99 | 1.33 | 8.19 | 1974 | 1491 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:09 | 303.3399306 | Deploying | 2 | 2370 | 1.35 | 0.99 | 1.35 | 8.17 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 8:10 | 303.3402778 | Deploying | 2 | 2400 | 1.34 | 0.99 | 1.37 | 8.17 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:10 | 303.3406250 | Deploying | 2 | 2430 | 1.34 | 0.99 | 1.38 | 8.19 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:10 | 303.3409028 | Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:11 | 303.3409722 | Deploying | 2 | 2460 | 1.34 | 1.05 | 1.4 | 8.21 | 2081 | 1506 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 8:11 | 303.3413194 | Deploying | 2 | 2490 | 1.4 | 1.05 | 1.42 | 8.13 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:12 | 303.3416667 | Deploying | 2 | 2520 | 1.4 | 1.05 | 1.44 | 8.21 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:12 | 303.3420139 | Deploying | 2 | 2550 | 1.4 | 1.05 | 1.45 | 8.21 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:12 | 303.3421412 | Winding down 1318 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:13 | 303.3423611 | Deploying | 2 | 2580 | 1.44 | 1.1 | 1.47 | 8.17 | 2070 | 1485 | 0 | 8 | 7 | 8 | 7 |
| 10/29/2016 8:13 | 303.3427083 | Deploying | 2 | 2610 | 1.45 | 1.1 | 1.49 | 8.17 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:14 | 303.3430556 | Deploying | 2 | 2640 | 1.45 | 1.1 | 1.5 | 8.21 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:14 | 303.3431481 | Winding down 1375 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:14 | 303.3434028 | Deploying | 2 | 2670 | 1.49 | 1.15 | 1.52 | 8.16 | 1950 | 1505 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:15 | 303.3437500 | Deploying | 2 | 2700 | 1.51 | 1.15 | 1.54 | 8.21 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:15 | 303.3440972 | Deploying | 2 | 2730 | 1.51 | 1.15 | 1.55 | 8.19 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:16 | 303.3444444 | Deploying | 2 | 2760 | 1.51 | 1.15 | 1.57 | 8.19 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:16 | 303.3444560 | Winding down 1551 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:16 | 303.3447917 | Deploying | 2 | 2790 | 1.56 | 1.21 | 1.59 | 8.16 | 1924 | 1444 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:17 | 303.3451389 | Deploying | 2 | 2820 | 1.57 | 1.21 | 1.61 | 8.16 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:17 | 303.3454861 | Deploying | 2 | 2850 | 1.57 | 1.21 | 1.62 | 8.16 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 8:17 | 303.3456481 | Winding down 1560 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:18 | 303.3458333 | Deploying | 2 | 2880 | 1.6 | 1.27 | 1.64 | 8.17 | 1908 | 1470 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:18 | 303.3461806 | Deploying | 2 | 2910 | 1.63 | 1.27 | 1.66 | 8.19 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/29/2016 8:19 | 303.3465278 | Deploying | 2 | 2940 | 1.63 | 1.27 | 1.67 | 8.14 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:19 | 303.3468750 | Deploying | 2 | 2970 | 1.64 | 1.27 | 1.69 | 8.17 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:19 | 303.3469213 | Winding down 1419 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:20 | 303.3472222 | Deploying | 2 | 3000 | 1.69 | 1.32 | 1.71 | 8.19 | 1980 | 1467 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 8:20 | 303.3475694 | Deploying | 2 | 3030 | 1.69 | 1.32 | 1.72 | 8.16 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 8:21 | 303.3479167 | Deploying | 2 | 3060 | 1.69 | 1.32 | 1.74 | 8.16 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:21 | 303.3482176 | Winding down 1680 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:21 | 303.3482639 | Deploying | 2 | 3090 | 1.69 | 1.38 | 1.76 | 8.13 | 2084 | 1482 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:22 | 303.3486111 | Deploying | 2 | 3120 | 1.75 | 1.38 | 1.78 | 8.14 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 8:22 | 303.3489583 | Deploying | 2 | 3150 | 1.75 | 1.38 | 1.79 | 8.21 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:23 | 303.3493056 | Deploying | 2 | 3180 | 1.77 | 1.38 | 1.81 | 8.16 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:23 | 303.3495255 | Winding down 1481 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:23 | 303.3496528 | Deploying | 2 | 3210 | 1.78 | 1.44 | 1.83 | 8.17 | 1950 | 1485 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:24 | 303.3500000 | Deploying | 2 | 3240 | 1.82 | 1.44 | 1.84 | 8.13 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 8:24 | 303.3503472 | Deploying | 2 | 3270 | 1.82 | 1.44 | 1.86 | 8.16 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:24 | 303.3506713 | Winding down 1684 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:25 | 303.3506944 | Deploying | 2 | 3300 | 1.81 | 1.5 | 1.88 | 8.08 | 2123 | 1484 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 8:25 | 303.3510417 | Deploying | 2 | 3330 | 1.89 | 1.5 | 1.89 | 8.17 | 0 | 0 | 0 | 6 | 10 | 7 | 10 |
| 10/29/2016 8:26 | 303.3513889 | Deploying | 2 | 3360 | 1.89 | 1.5 | 1.91 | 8.19 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 8:26 | 303.3517361 | Deploying | 2 | 3390 | 1.88 | 1.5 | 1.93 | 8.17 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 8:26 | 303.3520602 | Winding down 1259 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:27 | 303.3520833 | Deploying | 2 | 3420 | 1.9 | 1.55 | 1.95 | 8.06 | 2008 | 1483 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:27 | 303.3524306 | Deploying | 2 | 3450 | 1.93 | 1.55 | 1.96 | 8.19 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:28 | 303.3527778 | Deploying | 2 | 3480 | 1.94 | 1.55 | 1.98 | 8.17 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:28 | 303.3531250 | Deploying | 2 | 3510 | 1.96 | 1.55 | 2 | 8.16 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:29 | 303.3534722 | Deploying | 2 | 3540 | 1.93 | 1.55 | 2.01 | 8.11 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:29 | 303.3534954 | Winding down 2115 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:29 | 303.3538194 | Deploying | 2 | 3570 | 2.02 | 1.63 | 2.03 | 8.16 | 1917 | 1465 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 8:30 | 303.3541667 | Deploying | 2 | 3600 | 2.03 | 1.63 | 2.05 | 8.17 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:30 | 303.3545139 | Deploying | 2 | 3630 | 2.03 | 1.63 | 2.06 | 8.14 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 8:31 | 303.3548611 | Deploying | 2 | 3660 | 2.03 | 1.63 | 2.08 | 8.17 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:31 | 303.3549306 | Winding down 1572 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:31 | 303.3552083 | Deploying | 2 | 3690 | 2.07 | 1.69 | 2.1 | 8.17 | 2119 | 1483 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 8:32 | 303.3555556 | Deploying | 2 | 3720 | 2.09 | 1.69 | 2.12 | 8.1 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:32 | 303.3559028 | Deploying | 2 | 3750 | 2.09 | 1.69 | 2.13 | 8.13 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:32 | 303.3562037 | Winding down 1530 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:33 | 303.3562500 | Deploying | 2 | 3780 | 2.1 | 1.75 | 2.15 | 8.17 | 2087 | 1505 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:33 | 303.3565972 | Deploying | 2 | 3810 | 2.15 | 1.75 | 2.17 | 8.17 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 8:34 | 303.3569444 | Deploying | 2 | 3840 | 2.15 | 1.75 | 2.18 | 8.16 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 8:34 | 303.3572917 | Deploying | 2 | 3870 | 2.14 | 1.75 | 2.2 | 8.1 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 8:34 | 303.3574421 | Winding down 1446 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:35 | 303.3576389 | Deploying | 2 | 3900 | 2.18 | 1.8 | 2.22 | 8.13 | 1913 | 1467 | 0 | 9 | 8 | 8 | 8 |

| Date/Time | Code | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:35 | 303.3579861 | Deploying | 2 | 3930 | 2.21 | 1.8 | 2.23 | 8.11 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:36 | 303.3583333 | Deploying | 2 | 3960 | 2.2 | 1.8 | 2.25 | 8.14 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:36 | 303.3585532 | Winding down 1581 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:36 | 303.3586806 | Deploying | 2 | 3990 | 2.23 | 1.86 | 2.27 | 8.17 | 1944 | 1473 | 0 | 7 | 6 | 8 | 6 |
| 10/29/2016 8:37 | 303.3590278 | Deploying | 2 | 4020 | 2.28 | 1.86 | 2.29 | 8.14 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:37 | 303.3593750 | Deploying | 2 | 4050 | 2.27 | 1.86 | 2.3 | 8.13 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:38 | 303.3597222 | Deploying | 2 | 4080 | 2.27 | 1.86 | 2.32 | 8.14 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:38 | 303.3599769 | Winding down 1749 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:38 | 303.3600694 | Deploying | 2 | 4110 | 2.29 | 1.93 | 2.34 | 8.11 | 2142 | 1509 | 0 | 10 | 9 | 8 | 9 |
| 10/29/2016 8:39 | 303.3604167 | Deploying | 2 | 4140 | 2.34 | 1.93 | 2.35 | 8.13 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:39 | 303.3607639 | Deploying | 2 | 4170 | 2.34 | 1.93 | 2.37 | 8.16 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:40 | 303.3611111 | Deploying | 2 | 4200 | 2.34 | 1.93 | 2.39 | 8.14 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:40 | 303.3614583 | Deploying | 2 | 4230 | 2.35 | 1.93 | 2.4 | 8.14 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:40 | 303.3616782 | Winding down 2006 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:41 | 303.3618056 | Deploying | 2 | 4260 | 2.36 | 2.01 | 2.42 | 8.13 | 2131 | 1483 | 0 | 9 | 7 | 8 | 7 |
| 10/29/2016 8:41 | 303.3621528 | Deploying | 2 | 4290 | 2.42 | 2.01 | 2.44 | 8.17 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:42 | 303.3625000 | Deploying | 2 | 4320 | 2.43 | 2.01 | 2.46 | 8.14 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 8:42 | 303.3628472 | Deploying | 2 | 4350 | 2.42 | 2.01 | 2.47 | 8.11 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:42 | 303.3629398 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:43 | 303.3631944 | Deploying | 2 | 4380 | 2.48 | 2.07 | 2.49 | 8.13 | 2120 | 1471 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:43 | 303.3635417 | Deploying | 2 | 4410 | 2.49 | 2.07 | 2.51 | 8.17 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:44 | 303.3638889 | Deploying | 2 | 4440 | 2.49 | 2.07 | 2.52 | 8.11 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 8:44 | 303.3642361 | Deploying | 2 | 4470 | 2.49 | 2.07 | 2.54 | 8.16 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:44 | 303.3645023 | Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:45 | 303.3645833 | Deploying | 2 | 4500 | 2.5 | 2.13 | 2.56 | 8.14 | 1944 | 1476 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 8:45 | 303.3649306 | Deploying | 2 | 4530 | 2.56 | 2.13 | 2.57 | 8.13 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:46 | 303.3652778 | Deploying | 2 | 4560 | 2.56 | 2.13 | 2.59 | 8.11 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:46 | 303.3656250 | Deploying | 2 | 4590 | 2.55 | 2.13 | 2.61 | 8.13 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 8:46 | 303.3658102 | Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:47 | 303.3659722 | Deploying | 2 | 4620 | 2.59 | 2.19 | 2.63 | 8.16 | 1892 | 1438 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:47 | 303.3663194 | Deploying | 2 | 4650 | 2.62 | 2.19 | 2.64 | 8.17 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:48 | 303.3666667 | Deploying | 2 | 4680 | 2.63 | 2.19 | 2.66 | 8.11 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:48 | 303.3670139 | Deploying | 2 | 4710 | 2.62 | 2.19 | 2.68 | 8.08 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 8:48 | 303.3672222 | Winding down 1717 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:49 | 303.3673611 | Deploying | 2 | 4740 | 2.65 | 2.26 | 2.69 | 8.1 | 2086 | 1475 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 8:49 | 303.3677083 | Deploying | 2 | 4770 | 2.7 | 2.26 | 2.71 | 8.14 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:50 | 303.3680556 | Deploying | 2 | 4800 | 2.7 | 2.26 | 2.73 | 8.13 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 8:50 | 303.3684028 | Deploying | 2 | 4830 | 2.69 | 2.26 | 2.74 | 8.11 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:50 | 303.3686111 | Winding down 1342 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:51 | 303.3687500 | Deploying | 2 | 4860 | 2.72 | 2.31 | 2.76 | 8.13 | 1919 | 1466 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 8:51 | 303.3690972 | Deploying | 2 | 4890 | 2.75 | 2.31 | 2.78 | 8.17 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 8:52 | 303.3694444 | Deploying | 2 | 4920 | 2.76 | 2.31 | 2.8 | 8.14 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:52 | 303.3697917 | Deploying | 2 | 4950 | 2.75 | 2.31 | 2.81 | 8.13 | 0 | 0 | 0 | 6 | 7 | 8 | 7 |
| 10/29/2016 8:52 | 303.3698495 | Winding down 1433 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:53 | 303.3701389 | Deploying | 2 | 4980 | 2.8 | 2.36 | 2.83 | 8.11 | 1976 | 1456 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:53 | 303.3704861 | Deploying | 2 | 5010 | 2.8 | 2.36 | 2.85 | 8.14 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:54 | 303.3708333 | Deploying | 2 | 5040 | 2.8 | 2.36 | 2.86 | 8.13 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 8:54 | 303.3708565 | Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:54 | 303.3711806 | Deploying | 2 | 5070 | 2.87 | 2.43 | 2.88 | 8.13 | 2100 | 1479 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 8:55 | 303.3715278 | Deploying | 2 | 5100 | 2.88 | 2.43 | 2.9 | 8.13 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 8:55 | 303.3718750 | Deploying | 2 | 5130 | 2.87 | 2.43 | 2.91 | 8.11 | 0 | 0 | 0 | 7 | 6 | 8 | 6 |
| 10/29/2016 8:55 | 303.3721991 | Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:56 | 303.3722222 | Deploying | 2 | 5160 | 2.87 | 2.49 | 2.93 | 7.98 | 2030 | 1466 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 8:56 | 303.3725694 | Deploying | 2 | 5190 | 2.93 | 2.49 | 2.95 | 8.16 | 0 | 0 | 0 | 6 | 7 | 8 | 7 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:57 | 303.3729167 | Deploying | 2 | 5220 | 2.93 | 2.49 | 2.97 | 8.11 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:57 | 303.3732639 | Deploying | 2 | 5250 | 2.95 | 2.49 | 2.98 | 8.11 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:58 | 303.3736111 | Deploying | 2 | 5280 | 2.93 | 2.49 | 3 | 8.14 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:58 | 303.3736690 | Winding down 1733 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:58 | 303.3739583 | Deploying | 2 | 5310 | 3 | 2.55 | 3.02 | 8.08 | 2110 | 1469 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 8:59 | 303.3743056 | Deploying | 2 | 5340 | 3 | 2.55 | 3.03 | 8.11 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 8:59 | 303.3746528 | Deploying | 2 | 5370 | 3 | 2.55 | 3.05 | 8.1 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 8:59 | 303.3747685 | Winding down 1254 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:00 | 303.3750000 | Deploying | 2 | 5400 | 3.03 | 2.6 | 3.07 | 8.1 | 2085 | 1499 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 9:00 | 303.3753472 | Deploying | 2 | 5430 | 3.06 | 2.6 | 3.08 | 8.16 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:01 | 303.3756944 | Deploying | 2 | 5460 | 3.06 | 2.6 | 3.1 | 8.16 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 9:01 | 303.3760417 | Deploying | 2 | 5490 | 3.06 | 2.6 | 3.12 | 8.11 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:01 | 303.3762153 | Winding down 2075 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:02 | 303.3763889 | Deploying | 2 | 5520 | 3.09 | 2.68 | 3.14 | 8.13 | 2134 | 1493 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:02 | 303.3767361 | Deploying | 2 | 5550 | 3.12 | 2.68 | 3.15 | 8.13 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:03 | 303.3770833 | Deploying | 2 | 5580 | 3.14 | 2.68 | 3.17 | 8.13 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 9:03 | 303.3774306 | Deploying | 2 | 5610 | 3.14 | 2.68 | 3.19 | 8.14 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 9:03 | 303.3774537 | Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:04 | 303.3777778 | Deploying | 2 | 5640 | 3.19 | 2.73 | 3.2 | 8.11 | 1932 | 1461 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 9:04 | 303.3781250 | Deploying | 2 | 5670 | 3.22 | 2.73 | 3.22 | 8.14 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 9:05 | 303.3784722 | Deploying | 2 | 5700 | 3.2 | 2.73 | 3.24 | 8.1 | 0 | 0 | 0 | 6 | 8 | 8 | 8 |
| 10/29/2016 9:05 | 303.3788194 | Deploying | 2 | 5730 | 3.21 | 2.73 | 3.25 | 8.13 | 0 | 0 | 0 | 7 | 6 | 8 | 6 |
| 10/29/2016 9:05 | 303.3790625 | Winding down 1785 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:06 | 303.3791667 | Deploying | 2 | 5760 | 3.22 | 2.8 | 3.27 | 8.1 | 1924 | 1466 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 9:06 | 303.3795139 | Deploying | 2 | 5790 | 3.28 | 2.8 | 3.29 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:07 | 303.3798611 | Deploying | 2 | 5820 | 3.27 | 2.8 | 3.31 | 8.14 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:07 | 303.3802083 | Deploying | 2 | 5850 | 3.28 | 2.8 | 3.32 | 8.11 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 9:07 | 303.3805208 | Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:08 | 303.3805556 | Deploying | 2 | 5880 | 3.28 | 2.86 | 3.34 | 8.14 | 2056 | 1471 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 9:08 | 303.3809028 | Deploying | 2 | 5910 | 3.34 | 2.86 | 3.36 | 8.16 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:09 | 303.3812500 | Deploying | 2 | 5940 | 3.33 | 2.86 | 3.37 | 8.1 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:09 | 303.3815972 | Deploying | 2 | 5970 | 3.34 | 2.86 | 3.39 | 8.1 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 9:09 | 303.3816551 | Winding down 1458 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:10 | 303.3819444 | Deploying | 2 | 6000 | 3.39 | 2.92 | 3.41 | 8.1 | 2041 | 1476 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:10 | 303.3822917 | Deploying | 2 | 6030 | 3.41 | 2.92 | 3.42 | 8.14 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:11 | 303.3826389 | Deploying | 2 | 6060 | 3.4 | 2.92 | 3.44 | 8.11 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:11 | 303.3829630 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:11 | 303.3829861 | Deploying | 2 | 6090 | 3.4 | 2.98 | 3.46 | 8.06 | 1950 | 1478 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 9:12 | 303.3833333 | Deploying | 2 | 6120 | 3.45 | 2.98 | 3.48 | 8.08 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:12 | 303.3836806 | Deploying | 2 | 6150 | 3.46 | 2.98 | 3.49 | 8.13 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:13 | 303.3840278 | Deploying | 2 | 6180 | 3.46 | 2.98 | 3.51 | 8.1 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 9:13 | 303.3842824 | Winding down 1874 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3843750 | Deploying | 2 | 6210 | 3.46 | 3.05 | 3.53 | 8.08 | 1935 | 1484 | 0 | 10 | 9 | 8 | 9 |
| 10/29/2016 9:14 | 303.3847222 | Deploying | 2 | 6240 | 3.53 | 3.05 | 3.54 | 8.1 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 9:14 | 303.3850694 | Deploying | 2 | 6270 | 3.53 | 3.05 | 3.56 | 8.13 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:15 | 303.3854167 | Deploying | 2 | 6300 | 3.53 | 3.05 | 3.58 | 8.06 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 9:15 | 303.3857292 | Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:15 | 303.3857639 | Deploying | 2 | 6330 | 3.54 | 3.11 | 3.59 | 8.13 | 1913 | 1451 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:16 | 303.3861111 | Deploying | 2 | 6360 | 3.6 | 3.11 | 3.61 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:16 | 303.3864583 | Deploying | 2 | 6390 | 3.59 | 3.11 | 3.63 | 8.11 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 9:17 | 303.3868056 | Deploying | 2 | 6420 | 3.6 | 3.11 | 3.65 | 8.08 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 9:17 | 303.3870602 | Winding down 1649 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:17 | 303.3871528 | Deploying | 2 | 6450 | 3.61 | 3.17 | 3.66 | 8.06 | 2177 | 1502 | 0 | 7 | 11 | 9 | 11 |
| 10/29/2016 9:18 | 303.3875000 | Deploying | 2 | 6480 | 3.67 | 3.17 | 3.68 | 8.08 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |

| Date/Time | Value | Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:18 | 303.3878472 | Deploying | 2 | 6510 | 3.67 | 3.17 | 3.7 | 8.11 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 9:19 | 303.3881944 | Deploying | 2 | 6540 | 3.66 | 3.17 | 3.71 | 8.11 | 0 | 0 | 0 | 6 | 6 | 7 | 6 |
| 10/29/2016 9:19 | 303.3884375 | Winding down 1310 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:19 | 303.3885417 | Deploying | 2 | 6570 | 3.69 | 3.22 | 3.73 | 8.1 | 2093 | 1501 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 9:20 | 303.3888889 | Deploying | 2 | 6600 | 3.72 | 3.22 | 3.75 | 8.11 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 9:20 | 303.3892361 | Deploying | 2 | 6630 | 3.72 | 3.22 | 3.76 | 8.11 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:20 | 303.3895370 | Winding down 1480 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:21 | 303.3895833 | Deploying | 2 | 6660 | 3.73 | 3.27 | 3.78 | 8.08 | 1967 | 1469 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 9:21 | 303.3899306 | Deploying | 2 | 6690 | 3.78 | 3.27 | 3.8 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:22 | 303.3902778 | Deploying | 2 | 6720 | 3.78 | 3.27 | 3.82 | 8.06 | 0 | 0 | 0 | 8 | 8 | 7 | 8 |
| 10/29/2016 9:22 | 303.3906250 | Deploying | 2 | 6750 | 3.78 | 3.27 | 3.83 | 8.06 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 9:22 | 303.3909259 | Winding down 2055 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:23 | 303.3909722 | Deploying | 2 | 6780 | 3.78 | 3.35 | 3.85 | 8.08 | 1895 | 1476 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 9:23 | 303.3913194 | Deploying | 2 | 6810 | 3.86 | 3.35 | 3.87 | 8.1 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:24 | 303.3916667 | Deploying | 2 | 6840 | 3.88 | 3.35 | 3.88 | 8.11 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 9:24 | 303.3920139 | Deploying | 2 | 6870 | 3.89 | 3.35 | 3.9 | 8.06 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 9:25 | 303.3923611 | Deploying | 2 | 6900 | 3.87 | 3.35 | 3.92 | 8.06 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 9:25 | 303.3925579 | Winding down 1628 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:25 | 303.3927083 | Deploying | 2 | 6930 | 3.9 | 3.41 | 3.93 | 8.08 | 1928 | 1470 | 0 | 6 | 7 | 8 | 7 |
| 10/29/2016 9:26 | 303.3930556 | Deploying | 2 | 6960 | 3.94 | 3.41 | 3.95 | 8.05 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/29/2016 9:26 | 303.3934028 | Deploying | 2 | 6990 | 3.94 | 3.41 | 3.97 | 8.1 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 9:27 | 303.3937500 | Deploying | 2 | 7020 | 3.94 | 3.41 | 3.99 | 8.08 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 9:27 | 303.3940972 | Deploying | 2 | 7050 | 3.94 | 3.41 | 4 | 8.06 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 9:27 | 303.3940972 | Winding down 1562 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:28 | 303.3944444 | Deploying | 2 | 7080 | 4 | 3.47 | 4.02 | 8.1 | 1856 | 1469 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:28 | 303.3947917 | Deploying | 2 | 7110 | 4 | 3.47 | 4.04 | 8.06 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 9:29 | 303.3951389 | Deploying | 2 | 7140 | 4 | 3.47 | 4.05 | 8.1 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 9:29 | 303.3954398 | Winding down 1680 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:29 | 303.3954861 | Deploying | 2 | 7170 | 4.01 | 3.54 | 4.07 | 8.1 | 2098 | 1481 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 9:30 | 303.3958333 | Deploying | 2 | 7200 | 4.07 | 3.54 | 4.09 | 8.08 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:30 | 303.3961806 | Deploying | 2 | 7230 | 4.08 | 3.54 | 4.1 | 8.11 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:31 | 303.3965278 | Deploying | 2 | 7260 | 4.08 | 3.54 | 4.12 | 8.08 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:31 | 303.3967940 | Winding down 1663 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:31 | 303.3968750 | Deploying | 2 | 7290 | 4.08 | 3.6 | 4.14 | 8.05 | 2164 | 1527 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 9:32 | 303.3972222 | Deploying | 2 | 7320 | 4.15 | 3.6 | 4.16 | 8.1 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 9:32 | 303.3975694 | Deploying | 2 | 7350 | 4.14 | 3.6 | 4.17 | 8.1 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 9:33 | 303.3979167 | Deploying | 2 | 7380 | 4.14 | 3.6 | 4.19 | 8.06 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 9:33 | 303.3980787 | Winding down 1635 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:33 | 303.3982639 | Deploying | 2 | 7410 | 4.17 | 3.66 | 4.21 | 8.08 | 1945 | 1479 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:34 | 303.3986111 | Deploying | 2 | 7440 | 4.22 | 3.66 | 4.22 | 8.06 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:34 | 303.3989583 | Deploying | 2 | 7470 | 4.21 | 3.66 | 4.24 | 8.02 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 9:35 | 303.3993056 | Deploying | 2 | 7500 | 4.21 | 3.66 | 4.26 | 8.1 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:35 | 303.3995718 | Winding down 1638 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:35 | 303.3996528 | Deploying | 2 | 7530 | 4.22 | 3.73 | 4.27 | 8.06 | 1918 | 1457 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 9:36 | 303.4000000 | Deploying | 2 | 7560 | 4.28 | 3.73 | 4.29 | 8.08 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 9:36 | 303.4003472 | Deploying | 2 | 7590 | 4.29 | 3.73 | 4.31 | 8.06 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 9:37 | 303.4006944 | Deploying | 2 | 7620 | 4.28 | 3.73 | 4.33 | 8.1 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 9:37 | 303.4010417 | Deploying | 2 | 7650 | 4.28 | 3.73 | 4.34 | 8.1 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:37 | 303.4010995 | Winding down 1583 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:38 | 303.4013889 | Deploying | 2 | 7680 | 4.33 | 3.79 | 4.36 | 8.06 | 2118 | 1487 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 9:38 | 303.4017361 | Deploying | 2 | 7710 | 4.34 | 3.79 | 4.38 | 8.03 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:39 | 303.4020833 | Deploying | 2 | 7740 | 4.34 | 3.79 | 4.39 | 8.1 | 0 | 0 | 0 | 6 | 9 | 7 | 9 |
| 10/29/2016 9:39 | 303.4021181 | Winding down 1455 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:39 | 303.4024306 | Deploying | 2 | 7770 | 4.39 | 3.84 | 4.41 | 8.05 | 1939 | 1467 | 0 | 8 | 8 | 7 | 8 |

| Date/Time | Code | Status | | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:40 | 303.4027778 | Deploying | 2 | 7800 | 4.4 | 3.84 | 4.43 | 8.05 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 9:40 | 303.4031250 | Deploying | 2 | 7830 | 4.4 | 3.84 | 4.44 | 8.03 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 9:40 | 303.4034491 | Winding down 1784 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:41 | 303.4034722 | Deploying | 2 | 7860 | 4.39 | 3.91 | 4.46 | 7.98 | 1971 | 1469 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 9:41 | 303.4038194 | Deploying | 2 | 7890 | 4.47 | 3.91 | 4.48 | 8 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 9:42 | 303.4041667 | Deploying | 2 | 7920 | 4.48 | 3.91 | 4.5 | 8.11 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:42 | 303.4045139 | Deploying | 2 | 7950 | 4.48 | 3.91 | 4.51 | 8 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:43 | 303.4048611 | Deploying | 2 | 7980 | 4.47 | 3.91 | 4.53 | 8.08 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:43 | 303.4049653 | Winding down 1690 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:43 | 303.4052083 | Deploying | 2 | 8010 | 4.5 | 3.97 | 4.55 | 8.03 | 1888 | 1435 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 9:44 | 303.4055556 | Deploying | 2 | 8040 | 4.54 | 3.97 | 4.56 | 7.98 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 9:44 | 303.4059028 | Deploying | 2 | 8070 | 4.53 | 3.97 | 4.58 | 8.08 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 9:44 | 303.4061458 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:45 | 303.4062500 | Deploying | 2 | 8100 | 4.54 | 4.04 | 4.6 | 8.05 | 2160 | 1524 | 0 | 10 | 9 | 8 | 9 |
| 10/29/2016 9:45 | 303.4065972 | Deploying | 2 | 8130 | 4.6 | 4.04 | 4.61 | 8.06 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:46 | 303.4069444 | Deploying | 2 | 8160 | 4.59 | 4.04 | 4.63 | 8.03 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:46 | 303.4072917 | Deploying | 2 | 8190 | 4.59 | 4.04 | 4.65 | 8.05 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:46 | 303.4073380 | Winding down 1619 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:47 | 303.4076389 | Deploying | 2 | 8220 | 4.65 | 4.1 | 4.67 | 8.03 | 1941 | 1476 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:47 | 303.4079861 | Deploying | 2 | 8250 | 4.66 | 4.1 | 4.68 | 8.05 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 9:48 | 303.4083333 | Deploying | 2 | 8280 | 4.65 | 4.1 | 4.7 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:48 | 303.4084954 | Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:48 | 303.4086806 | Deploying | 2 | 8310 | 4.68 | 4.17 | 4.72 | 8.06 | 1911 | 1486 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:49 | 303.4090278 | Deploying | 2 | 8340 | 4.7 | 4.17 | 4.73 | 8.08 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/29/2016 9:49 | 303.4093750 | Deploying | 2 | 8370 | 4.74 | 4.17 | 4.75 | 8.08 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 9:50 | 303.4097222 | Deploying | 2 | 8400 | 4.72 | 4.17 | 4.77 | 8.06 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 9:50 | 303.4100694 | Deploying | 2 | 8430 | 4.73 | 4.17 | 4.78 | 8.05 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 9:50 | 303.4100694 | Winding down 1412 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:51 | 303.4104167 | Deploying | 2 | 8460 | 4.79 | 4.22 | 4.8 | 8.05 | 2114 | 1472 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:51 | 303.4107639 | Deploying | 2 | 8490 | 4.79 | 4.22 | 4.82 | 8.03 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:52 | 303.4111111 | Deploying | 2 | 8520 | 4.79 | 4.22 | 4.84 | 8.03 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 9:52 | 303.4114583 | Deploying | 2 | 8550 | 4.78 | 4.22 | 4.85 | 8.06 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 9:52 | 303.4114815 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:53 | 303.4118056 | Deploying | 2 | 8580 | 4.85 | 4.29 | 4.87 | 8.06 | 1924 | 1474 | 0 | 9 | 7 | 8 | 7 |
| 10/29/2016 9:53 | 303.4121528 | Deploying | 2 | 8610 | 4.86 | 4.29 | 4.89 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 9:54 | 303.4125000 | Deploying | 2 | 8640 | 4.87 | 4.29 | 4.9 | 8 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 9:54 | 303.4128356 | Winding down 1648 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:54 | 303.4128472 | Deploying | 2 | 8670 | 4.86 | 4.35 | 4.92 | 8.03 | 2056 | 1459 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:55 | 303.4131944 | Deploying | 2 | 8700 | 4.92 | 4.35 | 4.94 | 8.02 | 2056 | 167 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:55 | 303.4135417 | Deploying | 2 | 8730 | 4.92 | 4.35 | 4.95 | 8.05 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:56 | 303.4138889 | Deploying | 2 | 8760 | 4.92 | 4.35 | 4.97 | 8.03 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:56 | 303.4141088 | Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:56 | 303.4142361 | Deploying | 2 | 8790 | 4.95 | 4.41 | 4.99 | 8.05 | 1967 | 1464 | 0 | 7 | 6 | 8 | 6 |
| 10/29/2016 9:57 | 303.4145833 | Deploying | 2 | 8820 | 4.99 | 4.41 | 5.01 | 8.03 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 9:57 | 303.4149306 | Deploying | 2 | 8850 | 4.99 | 4.41 | 5.02 | 8.08 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:58 | 303.4152778 | Deploying | 2 | 8880 | 5 | 4.41 | 5.04 | 8.03 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:58 | 303.4156250 | Deploying | 2 | 8910 | 5 | 4.41 | 5.06 | 8.02 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 9:58 | 303.4157176 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:59 | 303.4159722 | Deploying | 2 | 8940 | 5.04 | 4.47 | 5.07 | 8 | 2123 | 1490 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 9:59 | 303.4163194 | Deploying | 2 | 8970 | 5.06 | 4.47 | 5.09 | 8.06 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:00 | 303.4166667 | Deploying | 2 | 9000 | 5.05 | 4.47 | 5.11 | 8.03 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:00 | 303.4168981 | Winding down 1820 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:00 | 303.4170139 | Deploying | 2 | 9030 | 5.07 | 4.54 | 5.12 | 8.05 | 1920 | 1434 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:01 | 303.4173611 | Deploying | 2 | 9060 | 5.14 | 4.54 | 5.14 | 8.06 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:01 | 303.4177083 | Deploying | 2 | 9090 | 5.14 | 4.54 | 5.16 | 8.03 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:02 | 303.4180556 | Deploying | 2 | 9120 | 5.15 | 4.54 | 5.18 | 8.08 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 10:02 | 303.4184028 | Deploying | 2 | 9150 | 5.14 | 4.54 | 5.19 | 8.03 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 10:02 | 303.4186574 | Winding down 1824 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:03 | 303.4187500 | Deploying | 2 | 9180 | 5.15 | 4.61 | 5.21 | 8.02 | 1912 | 1455 | 0 | 7 | 10 | 8 | 10 |
| 10/29/2016 10:03 | 303.4190972 | Deploying | 2 | 9210 | 5.21 | 4.61 | 5.23 | 8.02 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 10:04 | 303.4194444 | Deploying | 2 | 9240 | 5.21 | 4.61 | 5.24 | 8.05 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 10:04 | 303.4197917 | Deploying | 2 | 9270 | 5.21 | 4.61 | 5.26 | 8.08 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:04 | 303.4199769 | Winding down 1839 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:05 | 303.4201389 | Deploying | 2 | 9300 | 5.23 | 4.68 | 5.28 | 8.03 | 1943 | 1468 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:05 | 303.4204861 | Deploying | 2 | 9330 | 5.28 | 4.68 | 5.29 | 8.03 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:06 | 303.4208333 | Deploying | 2 | 9360 | 5.28 | 4.68 | 5.31 | 8 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:06 | 303.4211806 | Deploying | 2 | 9390 | 5.29 | 4.68 | 5.33 | 8.06 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 10:07 | 303.4215278 | Deploying | 2 | 9420 | 5.28 | 4.68 | 5.35 | 8.02 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:07 | 303.4215625 | Winding down 1805 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:07 | 303.4218750 | Deploying | 2 | 9450 | 5.34 | 4.74 | 5.36 | 8.02 | 1950 | 1455 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:08 | 303.4222222 | Deploying | 2 | 9480 | 5.36 | 4.74 | 5.38 | 8.08 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 10:08 | 303.4225694 | Deploying | 2 | 9510 | 5.35 | 4.74 | 5.4 | 8.02 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 10:08 | 303.4228588 | Winding down 1691 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:09 | 303.4229167 | Deploying | 2 | 9540 | 5.36 | 4.81 | 5.41 | 8.05 | 2083 | 1469 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:09 | 303.4232639 | Deploying | 2 | 9570 | 5.41 | 4.81 | 5.43 | 8 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:10 | 303.4236111 | Deploying | 2 | 9600 | 5.42 | 4.81 | 5.45 | 8 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:10 | 303.4239583 | Deploying | 2 | 9630 | 5.42 | 4.81 | 5.46 | 8 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:11 | 303.4243056 | Deploying | 2 | 9660 | 5.43 | 4.81 | 5.48 | 8.03 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:11 | 303.4243287 | Winding down 1315 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:11 | 303.4246528 | Deploying | 2 | 9690 | 5.48 | 4.86 | 5.5 | 8.02 | 2050 | 1471 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:12 | 303.4250000 | Deploying | 2 | 9720 | 5.48 | 4.86 | 5.52 | 8.05 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:12 | 303.4253472 | Deploying | 2 | 9750 | 5.47 | 4.86 | 5.53 | 8.05 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/29/2016 10:12 | 303.4255324 | Winding down 1514 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:13 | 303.4256944 | Deploying | 2 | 9780 | 5.52 | 4.92 | 5.55 | 8.05 | 1931 | 1464 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:13 | 303.4260417 | Deploying | 2 | 9810 | 5.54 | 4.92 | 5.57 | 8.05 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:14 | 303.4263889 | Deploying | 2 | 9840 | 5.52 | 4.92 | 5.58 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:14 | 303.4265046 | Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:14 | 303.4267361 | Deploying | 2 | 9870 | 5.57 | 4.97 | 5.6 | 8.05 | 1930 | 1470 | 0 | 9 | 9 | 8 | 9 |
| 10/29/2016 10:15 | 303.4270833 | Deploying | 2 | 9900 | 5.6 | 4.97 | 5.62 | 7.97 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:15 | 303.4274306 | Deploying | 2 | 9930 | 5.58 | 4.97 | 5.63 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:15 | 303.4276736 | Winding down 1360 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:16 | 303.4277778 | Deploying | 2 | 9960 | 5.61 | 5.03 | 5.65 | 8.03 | 1861 | 1464 | 0 | 9 | 9 | 8 | 9 |
| 10/29/2016 10:16 | 303.4281250 | Deploying | 2 | 9990 | 5.64 | 5.03 | 5.67 | 8.03 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:17 | 303.4284722 | Deploying | 2 | 10020 | 5.64 | 5.03 | 5.69 | 8.05 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:17 | 303.4287963 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:17 | 303.4288194 | Deploying | 2 | 10050 | 5.64 | 5.08 | 5.7 | 7.95 | 2003 | 1483 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:18 | 303.4291667 | Deploying | 2 | 10080 | 5.7 | 5.08 | 5.72 | 8.06 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:18 | 303.4295139 | Deploying | 2 | 10110 | 5.71 | 5.08 | 5.74 | 7.98 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 10:19 | 303.4298611 | Deploying | 2 | 10140 | 5.71 | 5.08 | 5.75 | 8.06 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:19 | 303.4301736 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:19 | 303.4302083 | Deploying | 2 | 10170 | 5.71 | 5.14 | 5.77 | 8 | 1917 | 1473 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:20 | 303.4305556 | Deploying | 2 | 10200 | 5.77 | 5.14 | 5.79 | 8 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:20 | 303.4309028 | Deploying | 2 | 10230 | 5.75 | 5.14 | 5.8 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:20 | 303.4310995 | Winding down 1653 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:21 | 303.4312500 | Deploying | 2 | 10260 | 5.78 | 5.21 | 5.82 | 8.02 | 2157 | 1538 | 0 | 8 | 8 | 9 | 8 |
| 10/29/2016 10:21 | 303.4315972 | Deploying | 2 | 10290 | 5.83 | 5.21 | 5.84 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:22 | 303.4319444 | Deploying | 2 | 10320 | 5.84 | 5.21 | 5.86 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:22 | 303.4322917 | Deploying | 2 | 10350 | 5.83 | 5.21 | 5.87 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:23 | 303.4326389 | Deploying | 2 | 10380 | 5.84 | 5.21 | 5.89 | 7.97 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:23 | 303.4329282 | Winding down 2016 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:23 | 303.4329861 | Deploying | 2 | 10410 | 5.84 | 5.28 | 5.91 | 8.02 | 2027 | 1462 | 0 | 7 | 10 | 8 | 10 |
| 10/29/2016 10:24 | 303.4333333 | Deploying | 2 | 10440 | 5.92 | 5.28 | 5.92 | 7.97 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 10:24 | 303.4336806 | Deploying | 2 | 10470 | 5.92 | 5.28 | 5.94 | 7.98 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 10:25 | 303.4340278 | Deploying | 2 | 10500 | 5.9 | 5.28 | 5.96 | 8.02 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:25 | 303.4342130 | Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:25 | 303.4343750 | Deploying | 2 | 10530 | 5.94 | 5.34 | 5.97 | 8.02 | 2055 | 1497 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 10:26 | 303.4347222 | Deploying | 2 | 10560 | 5.97 | 5.34 | 5.99 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:26 | 303.4350694 | Deploying | 2 | 10590 | 5.98 | 5.34 | 6.01 | 8.05 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:27 | 303.4354167 | Deploying | 2 | 10620 | 5.97 | 5.34 | 6.03 | 7.97 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 10:27 | 303.4357060 | Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:27 | 303.4357639 | Deploying | 2 | 10650 | 5.99 | 5.4 | 6.04 | 8.03 | 1977 | 1470 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:28 | 303.4361111 | Deploying | 2 | 10680 | 6.04 | 5.4 | 6.06 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:28 | 303.4364583 | Deploying | 2 | 10710 | 6.06 | 5.4 | 6.08 | 8.03 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:29 | 303.4368056 | Deploying | 2 | 10740 | 6.04 | 5.4 | 6.09 | 7.98 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/29/2016 10:29 | 303.4370370 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4371528 | Deploying | 2 | 10770 | 6.06 | 5.46 | 6.11 | 8 | 1925 | 1452 | 0 | 9 | 9 | 8 | 9 |
| 10/29/2016 10:30 | 303.4375000 | Deploying | 2 | 10800 | 6.11 | 5.46 | 6.13 | 8 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:30 | 303.4378472 | Deploying | 2 | 10830 | 6.12 | 5.46 | 6.14 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:31 | 303.4381944 | Deploying | 2 | 10860 | 6.1 | 5.46 | 6.16 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:31 | 303.4383102 | Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:31 | 303.4385417 | Deploying | 2 | 10890 | 6.16 | 5.53 | 6.18 | 8.03 | 1828 | 1405 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:32 | 303.4388889 | Deploying | 2 | 10920 | 6.17 | 5.53 | 6.2 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:32 | 303.4392361 | Deploying | 2 | 10950 | 6.18 | 5.53 | 6.21 | 7.98 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:33 | 303.4395833 | Deploying | 2 | 10980 | 6.19 | 5.53 | 6.23 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:33 | 303.4399306 | Deploying | 2 | 11010 | 6.18 | 5.53 | 6.25 | 8 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 10:33 | 303.4399421 | Winding down 1551 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:34 | 303.4402778 | Deploying | 2 | 11040 | 6.23 | 5.59 | 6.26 | 8.02 | 1916 | 1452 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:34 | 303.4406250 | Deploying | 2 | 11070 | 6.23 | 5.59 | 6.28 | 8.02 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:34 | 303.4407870 | Winding down 1335 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:35 | 303.4409722 | Deploying | 2 | 11100 | 6.26 | 5.64 | 6.3 | 7.98 | 1864 | 1426 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:35 | 303.4413194 | Deploying | 2 | 11130 | 6.27 | 5.64 | 6.31 | 8 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:36 | 303.4416667 | Deploying | 2 | 11160 | 6.28 | 5.64 | 6.33 | 8 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 10:36 | 303.4418171 | Winding down 1346 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:36 | 303.4420139 | Deploying | 2 | 11190 | 6.31 | 5.69 | 6.35 | 8 | 2088 | 1461 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:37 | 303.4423611 | Deploying | 2 | 11220 | 6.33 | 5.69 | 6.37 | 8.02 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:37 | 303.4427083 | Deploying | 2 | 11250 | 6.35 | 5.69 | 6.38 | 8 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:38 | 303.4430556 | Deploying | 2 | 11280 | 6.34 | 5.69 | 6.4 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:38 | 303.4433218 | Winding down 1488 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:38 | 303.4434028 | Deploying | 2 | 11310 | 6.37 | 5.75 | 6.42 | 7.98 | 1873 | 1452 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:39 | 303.4437500 | Deploying | 2 | 11340 | 6.4 | 5.75 | 6.43 | 8 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:39 | 303.4440972 | Deploying | 2 | 11370 | 6.41 | 5.75 | 6.45 | 7.97 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:40 | 303.4444444 | Deploying | 2 | 11400 | 6.41 | 5.75 | 6.47 | 7.97 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:40 | 303.4444444 | Winding down 1562 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:40 | 303.4447917 | Deploying | 2 | 11430 | 6.46 | 5.81 | 6.48 | 8 | 1886 | 1447 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:41 | 303.4451389 | Deploying | 2 | 11460 | 6.47 | 5.81 | 6.5 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:41 | 303.4454861 | Deploying | 2 | 11490 | 6.46 | 5.81 | 6.52 | 7.97 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:41 | 303.4455556 | Winding down 1547 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:42 | 303.4458333 | Deploying | 2 | 11520 | 6.51 | 5.87 | 6.54 | 7.98 | 1896 | 1433 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:42 | 303.4461806 | Deploying | 2 | 11550 | 6.54 | 5.87 | 6.55 | 8 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:43 | 303.4465278 | Deploying | 2 | 11580 | 6.54 | 5.87 | 6.57 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:43 | 303.4468750 | Deploying | 2 | 11610 | 6.52 | 5.87 | 6.59 | 8 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:43 | 303.4469907 | Winding down 1954 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:44 | 303.4472222 | Deploying | 2 | 11640 | 6.56 | 5.94 | 6.6 | 7.97 | 1881 | 1446 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:44 | 303.4475694 | Deploying | 2 | 11670 | 6.6 | 5.94 | 6.62 | 8.02 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:45 | 303.4479167 | Deploying | 2 | 11700 | 6.59 | 5.94 | 6.64 | 8.02 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:45 | 303.4482639 | Deploying | 2 | 11730 | 6.61 | 5.94 | 6.65 | 8.03 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:45 | 303.4483796 | Winding down 1379 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:46 | 303.4486111 | Deploying | 2 | 11760 | 6.64 | 5.99 | 6.67 | 8 | 2135 | 1505 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:46 | 303.4489583 | Deploying | 2 | 11790 | 6.66 | 5.99 | 6.69 | 7.95 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:47 | 303.4493056 | Deploying | 2 | 11820 | 6.66 | 5.99 | 6.71 | 8 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:47 | 303.4496528 | Deploying | 2 | 11850 | 6.66 | 5.99 | 6.72 | 7.97 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:47 | 303.4496875 | Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:48 | 303.4500000 | Deploying | 2 | 11880 | 6.72 | 6.06 | 6.74 | 8 | 2088 | 1475 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 10:48 | 303.4503472 | Deploying | 2 | 11910 | 6.72 | 6.06 | 6.76 | 7.98 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:48 | 303.4506597 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:49 | 303.4506944 | Deploying | 2 | 11940 | 6.71 | 6.12 | 6.77 | 8 | 2020 | 1490 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:49 | 303.4510417 | Deploying | 2 | 11970 | 6.77 | 6.12 | 6.79 | 8.05 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:50 | 303.4513889 | Deploying | 2 | 12000 | 6.78 | 6.12 | 6.81 | 8 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:50 | 303.4517361 | Deploying | 2 | 12030 | 6.79 | 6.12 | 6.82 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:50 | 303.4520602 | Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:51 | 303.4520833 | Deploying | 2 | 12060 | 6.78 | 6.18 | 6.84 | 7.89 | 1930 | 1460 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:51 | 303.4524306 | Deploying | 2 | 12090 | 6.84 | 6.18 | 6.86 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:52 | 303.4527778 | Deploying | 2 | 12120 | 6.85 | 6.18 | 6.88 | 7.98 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 10:52 | 303.4531250 | Deploying | 2 | 12150 | 6.84 | 6.18 | 6.89 | 7.97 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:52 | 303.4533218 | Winding down 1378 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:53 | 303.4534722 | Deploying | 2 | 12180 | 6.87 | 6.23 | 6.91 | 8 | 2051 | 1454 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:53 | 303.4538194 | Deploying | 2 | 12210 | 6.9 | 6.23 | 6.93 | 8 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:54 | 303.4541667 | Deploying | 2 | 12240 | 6.89 | 6.23 | 6.94 | 8.03 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:54 | 303.4544444 | Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:54 | 303.4545139 | Deploying | 2 | 12270 | 6.9 | 6.29 | 6.96 | 7.95 | 1824 | 1427 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 10:55 | 303.4548611 | Deploying | 2 | 12300 | 6.95 | 6.29 | 6.98 | 8 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:55 | 303.4552083 | Deploying | 2 | 12330 | 6.96 | 6.29 | 6.99 | 7.95 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:56 | 303.4555556 | Deploying | 2 | 12360 | 6.97 | 6.29 | 7.01 | 7.97 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 10:56 | 303.4559028 | Deploying | 2 | 12390 | 6.96 | 6.29 | 7.03 | 7.94 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 10:56 | 303.4559491 | Winding down 1844 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:57 | 303.4562500 | Deploying | 2 | 12420 | 7.01 | 6.36 | 7.05 | 7.95 | 2083 | 1482 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:57 | 303.4565972 | Deploying | 2 | 12450 | 7.01 | 6.36 | 7.06 | 7.95 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 10:57 | 303.4567593 | Winding down 1485 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:58 | 303.4569444 | Deploying | 2 | 12480 | 7.05 | 6.42 | 7.08 | 7.98 | 2098 | 1484 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:58 | 303.4572917 | Deploying | 2 | 12510 | 7.08 | 6.42 | 7.1 | 7.95 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 10:59 | 303.4576389 | Deploying | 2 | 12540 | 7.06 | 6.42 | 7.11 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:59 | 303.4578819 | Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:59 | 303.4579861 | Deploying | 2 | 12570 | 7.09 | 6.48 | 7.13 | 7.97 | 1904 | 1443 | 0 | 10 | 9 | 8 | 9 |
| 10/29/2016 11:00 | 303.4583333 | Deploying | 2 | 12600 | 7.13 | 6.48 | 7.15 | 8.02 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:00 | 303.4586806 | Deploying | 2 | 12630 | 7.13 | 6.48 | 7.16 | 7.95 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 11:01 | 303.4590278 | Deploying | 2 | 12660 | 7.14 | 6.48 | 7.18 | 7.98 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 11:01 | 303.4593750 | Deploying | 2 | 12690 | 7.14 | 6.48 | 7.2 | 8 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:01 | 303.4594444 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:02 | 303.4597222 | Deploying | 2 | 12720 | 7.19 | 6.54 | 7.22 | 7.98 | 1908 | 1471 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 11:02 | 303.4600694 | Deploying | 2 | 12750 | 7.19 | 6.54 | 7.23 | 7.97 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:02 | 303.4603588 | Winding down 1641 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:03 | 303.4604167 | Deploying | 2 | 12780 | 7.2 | 6.6 | 7.25 | 8 | 2044 | 1462 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 11:03 | 303.4607639 | Deploying | 2 | 12810 | 7.26 | 6.6 | 7.27 | 7.94 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 11:04 | 303.4611111 | Deploying | 2 | 12840 | 7.26 | 6.6 | 7.28 | 7.94 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:04 | 303.4614583 | Deploying | 2 | 12870 | 7.27 | 6.6 | 7.3 | 7.94 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 11:05 | 303.4618056 | Deploying | 2 | 12900 | 7.28 | 6.6 | 7.32 | 7.98 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |

| Date | Time | Value | Status | | Col | N | A | B | C | D | E | F | G | H | I | J | K |
|------|------|-------|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 11:05 | 303.4621528 | Deploying | | 2 | 12930 | 7.26 | 6.6 | 7.33 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:05 | 303.4621528 | Winding down 1962 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:06 | 303.4625000 | Deploying | | 2 | 12960 | 7.35 | 6.68 | 7.35 | 7.94 | 2046 | 1493 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 11:06 | 303.4628472 | Deploying | | 2 | 12990 | 7.35 | 6.68 | 7.37 | 7.98 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:07 | 303.4631944 | Deploying | | 2 | 13020 | 7.34 | 6.68 | 7.39 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:07 | 303.4634259 | Winding down 1845 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:07 | 303.4635417 | Deploying | | 2 | 13050 | 7.35 | 6.75 | 7.4 | 7.95 | 2060 | 1476 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:08 | 303.4638889 | Deploying | | 2 | 13080 | 7.4 | 6.75 | 7.42 | 7.97 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:08 | 303.4642361 | Deploying | | 2 | 13110 | 7.41 | 6.75 | 7.44 | 7.94 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:09 | 303.4645833 | Deploying | | 2 | 13140 | 7.41 | 6.75 | 7.45 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:09 | 303.4648611 | Winding down 1402 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:09 | 303.4649306 | Deploying | | 2 | 13170 | 7.42 | 6.8 | 7.47 | 7.95 | 1849 | 1427 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:10 | 303.4652778 | Deploying | | 2 | 13200 | 7.45 | 6.8 | 7.49 | 7.97 | 0 | 0 | 0 | 9 | 9 | 8 | 9 |
| 10/29/2016 11:10 | 303.4656250 | Deploying | | 2 | 13230 | 7.46 | 6.8 | 7.5 | 7.95 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:11 | 303.4659722 | Deploying | | 2 | 13260 | 7.46 | 6.8 | 7.52 | 7.95 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:11 | 303.4660532 | Winding down 1661 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:11 | 303.4663194 | Deploying | | 2 | 13290 | 7.51 | 6.87 | 7.54 | 7.95 | 1937 | 1473 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:12 | 303.4666667 | Deploying | | 2 | 13320 | 7.52 | 6.87 | 7.56 | 8 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:12 | 303.4670139 | Deploying | | 2 | 13350 | 7.5 | 6.87 | 7.57 | 7.97 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 11:12 | 303.4670718 | Winding down 1833 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:13 | 303.4673611 | Deploying | | 2 | 13380 | 7.58 | 6.94 | 7.59 | 7.94 | 2174 | 1548 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:13 | 303.4677083 | Deploying | | 2 | 13410 | 7.58 | 6.94 | 7.61 | 7.94 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:14 | 303.4680556 | Deploying | | 2 | 13440 | 7.57 | 6.94 | 7.62 | 7.97 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/29/2016 11:14 | 303.4683449 | Winding down 1266 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:14 | 303.4684028 | Deploying | | 2 | 13470 | 7.6 | 6.98 | 7.64 | 7.98 | 2032 | 1473 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:15 | 303.4687500 | Deploying | | 2 | 13500 | 7.64 | 6.98 | 7.66 | 7.95 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:15 | 303.4690972 | Deploying | | 2 | 13530 | 7.64 | 6.98 | 7.67 | 7.95 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:16 | 303.4694444 | Deploying | | 2 | 13560 | 7.62 | 6.98 | 7.69 | 7.97 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/29/2016 11:16 | 303.4696065 | Winding down 2010 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:16 | 303.4697917 | Deploying | | 2 | 13590 | 7.67 | 7.06 | 7.71 | 7.95 | 1864 | 1466 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:17 | 303.4701389 | Deploying | | 2 | 13620 | 7.74 | 7.06 | 7.73 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:17 | 303.4704861 | Deploying | | 2 | 13650 | 7.73 | 7.06 | 7.74 | 7.95 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:18 | 303.4708333 | Deploying | | 2 | 13680 | 7.72 | 7.06 | 7.76 | 7.92 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 11:18 | 303.4711690 | Winding down 1598 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:18 | 303.4711806 | Deploying | | 2 | 13710 | 7.72 | 7.12 | 7.78 | 7.9 | 2117 | 1493 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:19 | 303.4715278 | Deploying | | 2 | 13740 | 7.77 | 7.12 | 7.79 | 7.94 | 2117 | 194 | 0 | 8 | 9 | 9 | 9 |
| 10/29/2016 11:19 | 303.4718750 | Deploying | | 2 | 13770 | 7.78 | 7.12 | 7.81 | 7.95 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:20 | 303.4722222 | Deploying | | 2 | 13800 | 7.78 | 7.12 | 7.83 | 7.97 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/29/2016 11:20 | 303.4724769 | Winding down 1674 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:20 | 303.4725694 | Deploying | | 2 | 13830 | 7.79 | 7.19 | 7.84 | 7.94 | 1974 | 1462 | 0 | 8 | 11 | 9 | 11 |
| 10/29/2016 11:21 | 303.4729167 | Deploying | | 2 | 13860 | 7.85 | 7.19 | 7.86 | 7.95 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:21 | 303.4732639 | Deploying | | 2 | 13890 | 7.86 | 7.19 | 7.88 | 7.94 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:22 | 303.4736111 | Deploying | | 2 | 13920 | 7.84 | 7.19 | 7.9 | 7.97 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 11:22 | 303.4738542 | Winding down 1860 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:22 | 303.4739583 | Deploying | | 2 | 13950 | 7.85 | 7.26 | 7.91 | 7.94 | 1964 | 1486 | 0 | 8 | 11 | 9 | 11 |
| 10/29/2016 11:23 | 303.4743056 | Deploying | | 2 | 13980 | 7.9 | 7.26 | 7.93 | 7.9 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 11:23 | 303.4746528 | Deploying | | 2 | 14010 | 7.93 | 7.26 | 7.95 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:24 | 303.4750000 | Deploying | | 2 | 14040 | 7.92 | 7.26 | 7.96 | 7.9 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 11:24 | 303.4752199 | Winding down 1456 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 11:24 | 303.4753472 | Deploying | | 2 | 14070 | 7.94 | 7.31 | 7.98 | 7.92 | 1947 | 1482 | 0 | 8 | 8 | 9 | 8 |
| 10/29/2016 11:25 | 303.4756944 | Deploying | | 2 | 14100 | 7.98 | 7.31 | 8 | 7.97 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 11:25 | 303.4760417 | Deploying | | 2 | 14130 | 7.99 | 7.31 | 8.01 | 7.97 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:26 | 303.4763889 | Deploying | | 2 | 14160 | 7.98 | 7.31 | 8.03 | 7.92 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:26 | 303.4765972 | Winding down 1567 ticks | | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 11:26 | 303.4767361 Deploying | 2 | 14190 | 8.01 | 7.37 | 8.05 | 7.95 | 1935 | 1481 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:27 | 303.4770833 Deploying | 2 | 14220 | 8.04 | 7.37 | 8.07 | 7.97 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:27 | 303.4774306 Deploying | 2 | 14250 | 8.04 | 7.37 | 8.08 | 7.95 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 11:28 | 303.4777778 Deploying | 2 | 14280 | 8.04 | 7.37 | 8.1 | 7.94 | 0 | 0 | 0 | 9 | 9 | 8 | 9 |
| 10/29/2016 11:28 | 303.4778588 Winding down 1361 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4781250 Deploying | 2 | 14310 | 8.09 | 7.43 | 8.12 | 7.9 | 1861 | 1414 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:29 | 303.4784722 Deploying | 2 | 14340 | 8.11 | 7.43 | 8.13 | 7.95 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:29 | 303.4788194 Deploying | 2 | 14370 | 8.1 | 7.43 | 8.15 | 7.95 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:29 | 303.4790972 Winding down 2027 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:30 | 303.4791667 Deploying | 2 | 14400 | 8.1 | 7.5 | 8.17 | 7.98 | 1936 | 1453 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:30 | 303.4795139 Deploying | 2 | 14430 | 8.19 | 7.5 | 8.18 | 7.98 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:31 | 303.4798611 Deploying | 2 | 14460 | 8.2 | 7.5 | 8.2 | 7.94 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 11:31 | 303.4802083 Deploying | 2 | 14490 | 8.19 | 7.5 | 8.22 | 7.95 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:32 | 303.4805556 Deploying | 2 | 14520 | 8.18 | 7.5 | 8.24 | 7.92 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 11:32 | 303.4807176 Winding down 1410 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:32 | 303.4809028 Deploying | 2 | 14550 | 8.22 | 7.56 | 8.25 | 7.94 | 1919 | 1462 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:33 | 303.4812500 Deploying | 2 | 14580 | 8.25 | 7.56 | 8.27 | 7.94 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:33 | 303.4815972 Deploying | 2 | 14610 | 8.25 | 7.56 | 8.29 | 7.92 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 11:34 | 303.4819444 Deploying | 2 | 14640 | 8.23 | 7.56 | 8.3 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:34 | 303.4821065 Winding down 2135 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:34 | 303.4822917 Deploying | 2 | 14670 | 8.28 | 7.64 | 8.32 | 7.94 | 1913 | 1464 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 11:35 | 303.4826389 Deploying | 2 | 14700 | 8.32 | 7.64 | 8.34 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:35 | 303.4829861 Deploying | 2 | 14730 | 8.32 | 7.64 | 8.35 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:36 | 303.4833333 Deploying | 2 | 14760 | 8.33 | 7.64 | 8.37 | 7.95 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:36 | 303.4836690 Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:36 | 303.4836806 Deploying | 2 | 14790 | 8.32 | 7.7 | 8.39 | 7.94 | 1944 | 1470 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:37 | 303.4840278 Deploying | 2 | 14820 | 8.39 | 7.7 | 8.41 | 7.94 | 1944 | 120 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:37 | 303.4843750 Deploying | 2 | 14850 | 8.38 | 7.7 | 8.42 | 7.97 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:38 | 303.4847222 Deploying | 2 | 14880 | 8.38 | 7.7 | 8.44 | 7.94 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 11:38 | 303.4848843 Winding down 1685 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:38 | 303.4850694 Deploying | 2 | 14910 | 8.43 | 7.77 | 8.46 | 7.92 | 1943 | 1459 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:39 | 303.4854167 Deploying | 2 | 14940 | 8.46 | 7.77 | 8.47 | 7.94 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:39 | 303.4857639 Deploying | 2 | 14970 | 8.45 | 7.77 | 8.49 | 7.97 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 11:40 | 303.4861111 Deploying | 2 | 15000 | 8.47 | 7.77 | 8.51 | 7.92 | 0 | 0 | 0 | 7 | 7 | 8 | 7 |
| 10/29/2016 11:40 | 303.4864468 Winding down 1873 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:40 | 303.4864583 Deploying | 2 | 15030 | 8.45 | 7.84 | 8.52 | 7.97 | 1909 | 1477 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:41 | 303.4868056 Deploying | 2 | 15060 | 8.54 | 7.84 | 8.54 | 7.89 | 1909 | 124 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:41 | 303.4871528 Deploying | 2 | 15090 | 8.53 | 7.84 | 8.56 | 7.92 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 11:42 | 303.4875000 Deploying | 2 | 15120 | 8.54 | 7.84 | 8.58 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:42 | 303.4878472 Deploying | 2 | 15150 | 8.53 | 7.84 | 8.59 | 7.95 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:42 | 303.4879167 Winding down 1697 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:43 | 303.4881944 Deploying | 2 | 15180 | 8.57 | 7.91 | 8.61 | 7.94 | 1906 | 1438 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:43 | 303.4885417 Deploying | 2 | 15210 | 8.58 | 7.91 | 8.63 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:43 | 303.4887153 Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:44 | 303.4888889 Deploying | 2 | 15240 | 8.61 | 7.96 | 8.64 | 7.97 | 2052 | 1471 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:44 | 303.4892361 Deploying | 2 | 15270 | 8.65 | 7.96 | 8.66 | 7.94 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:45 | 303.4895833 Deploying | 2 | 15300 | 8.66 | 7.96 | 8.68 | 7.95 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:45 | 303.4899306 Deploying | 2 | 15330 | 8.65 | 7.96 | 8.69 | 7.94 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 11:46 | 303.4902778 Deploying | 2 | 15360 | 8.66 | 7.96 | 8.71 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:46 | 303.4904977 Winding down 1606 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:46 | 303.4906250 Deploying | 2 | 15390 | 8.68 | 8.02 | 8.73 | 7.95 | 1927 | 1463 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:47 | 303.4909722 Deploying | 2 | 15420 | 8.72 | 8.02 | 8.75 | 7.89 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:47 | 303.4913194 Deploying | 2 | 15450 | 8.72 | 8.02 | 8.76 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:48 | 303.4916667 Deploying | 2 | 15480 | 8.72 | 8.02 | 8.78 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 11:48 | 303.4917245 Winding down 1558 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 11:48 | 303.4920139 Deploying | | 2 | 15510 | 8.77 | 8.08 | 8.8 | 7.9 | 2082 | 1472 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:49 | 303.4923611 Deploying | | 2 | 15540 | 8.78 | 8.08 | 8.81 | 7.94 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:49 | 303.4927083 Deploying | | 2 | 15570 | 8.78 | 8.08 | 8.83 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:49 | 303.4929514 Winding down 1335 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 11:50 | 303.4930556 Deploying | | 2 | 15600 | 8.81 | 8.13 | 8.85 | 7.92 | 1939 | 1457 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:50 | 303.4934028 Deploying | | 2 | 15630 | 8.84 | 8.13 | 8.86 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:51 | 303.4937500 Deploying | | 2 | 15660 | 8.83 | 8.13 | 8.88 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:51 | 303.4940625 Winding down 1795 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 11:51 | 303.4940972 Deploying | | 2 | 15690 | 8.83 | 8.2 | 8.9 | 7.94 | 1858 | 1464 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:52 | 303.4944444 Deploying | | 2 | 15720 | 8.9 | 8.2 | 8.92 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:52 | 303.4947917 Deploying | | 2 | 15750 | 8.9 | 8.2 | 8.93 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:53 | 303.4951389 Deploying | | 2 | 15780 | 8.9 | 8.2 | 8.95 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:53 | 303.4953588 Winding down 1331 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 11:53 | 303.4954861 Deploying | | 2 | 15810 | 8.93 | 8.25 | 8.97 | 7.92 | 1899 | 1460 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:54 | 303.4958333 Deploying | | 2 | 15840 | 8.95 | 8.25 | 8.98 | 7.95 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:54 | 303.4961806 Deploying | | 2 | 15870 | 8.95 | 8.25 | 9 | 7.94 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:54 | 303.4964931 Winding down 2045 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 11:55 | 303.4965278 Deploying | | 2 | 15900 | 8.94 | 8.33 | 9.02 | 7.87 | 1908 | 1466 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:55 | 303.4968750 Deploying | | 2 | 15930 | 9.03 | 8.33 | 9.03 | 7.9 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 11:56 | 303.4972222 Deploying | | 2 | 15960 | 9.03 | 8.33 | 9.05 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 11:56 | 303.4975694 Deploying | | 2 | 15990 | 9.03 | 8.33 | 9.07 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:57 | 303.4979167 Deploying | | 2 | 16020 | 9.04 | 8.33 | 9.09 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:57 | 303.4981829 Winding down 1688 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 11:57 | 303.4982639 Deploying | | 2 | 16050 | 9.05 | 8.4 | 9.1 | 7.95 | 1901 | 1453 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 11:58 | 303.4986111 Deploying | | 2 | 16080 | 9.08 | 8.4 | 9.12 | 7.9 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 11:58 | 303.4989583 Deploying | | 2 | 16110 | 9.09 | 8.4 | 9.14 | 7.94 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 11:58 | 303.4991551 Winding down 1403 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 11:59 | 303.4993056 Deploying | | 2 | 16140 | 9.11 | 8.45 | 9.15 | 7.9 | 1972 | 1462 | 0 | 8 | 7 | 9 | 7 |
| 10/29/2016 11:59 | 303.4996528 Deploying | | 2 | 16170 | 9.13 | 8.45 | 9.17 | 7.94 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:00 | 303.5000000 Deploying | | 2 | 16200 | 9.14 | 8.45 | 9.19 | 7.95 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:00 | 303.5002431 Winding down 1535 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 12:00 | 303.5003472 Deploying | | 2 | 16230 | 9.15 | 8.51 | 9.2 | 7.97 | 1867 | 1432 | 0 | 11 | 10 | 9 | 10 |
| 10/29/2016 12:01 | 303.5006944 Deploying | | 2 | 16260 | 9.2 | 8.51 | 9.22 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:01 | 303.5010417 Deploying | | 2 | 16290 | 9.19 | 8.51 | 9.24 | 7.89 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:01 | 303.5013079 Winding down 1563 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 12:02 | 303.5013889 Deploying | | 2 | 16320 | 9.2 | 8.57 | 9.26 | 7.92 | 2032 | 1471 | 0 | 8 | 11 | 9 | 11 |
| 10/29/2016 12:02 | 303.5017361 Deploying | | 2 | 16350 | 9.25 | 8.57 | 9.27 | 7.92 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:03 | 303.5020833 Deploying | | 2 | 16380 | 9.27 | 8.57 | 9.29 | 7.9 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 12:03 | 303.5024306 Deploying | | 2 | 16410 | 9.27 | 8.57 | 9.31 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:03 | 303.5026968 Winding down 1688 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 12:04 | 303.5027778 Deploying | | 2 | 16440 | 9.27 | 8.63 | 9.32 | 7.92 | 2114 | 1510 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 12:04 | 303.5031250 Deploying | | 2 | 16470 | 9.33 | 8.63 | 9.34 | 7.9 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/29/2016 12:05 | 303.5034722 Deploying | | 2 | 16500 | 9.33 | 8.63 | 9.36 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:05 | 303.5038194 Deploying | | 2 | 16530 | 9.32 | 8.63 | 9.37 | 7.92 | 0 | 0 | 0 | 7 | 11 | 8 | 11 |
| 10/29/2016 12:05 | 303.5040162 Winding down 1553 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 12:06 | 303.5041667 Deploying | | 2 | 16560 | 9.35 | 8.69 | 9.39 | 7.92 | 2113 | 1469 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:06 | 303.5045139 Deploying | | 2 | 16590 | 9.4 | 8.69 | 9.41 | 7.92 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 12:07 | 303.5048611 Deploying | | 2 | 16620 | 9.38 | 8.69 | 9.43 | 7.89 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:07 | 303.5052083 Deploying | | 2 | 16650 | 9.39 | 8.69 | 9.44 | 7.9 | 0 | 0 | 0 | 7 | 10 | 8 | 10 |
| 10/29/2016 12:08 | 303.5055556 Deploying | | 2 | 16680 | 9.38 | 8.69 | 9.46 | 7.86 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:08 | 303.5055671 Winding down 2076 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 12:08 | 303.5059028 Deploying | | 2 | 16710 | 9.46 | 8.77 | 9.48 | 7.92 | 1895 | 1444 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:09 | 303.5062500 Deploying | | 2 | 16740 | 9.48 | 8.77 | 9.49 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 12:09 | 303.5065972 | Deploying | 2 | 16770 | 9.46 | 8.77 | 9.51 | 7.94 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:10 | 303.5069444 | Deploying | 2 | 16800 | 9.48 | 8.77 | 9.53 | 7.92 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 12:10 | 303.5072801 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:10 | 303.5072917 | Deploying | 2 | 16830 | 9.48 | 8.83 | 9.54 | 7.87 | 1915 | 1441 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:11 | 303.5076389 | Deploying | 2 | 16860 | 9.54 | 8.83 | 9.56 | 7.94 | 1915 | 187 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:11 | 303.5079861 | Deploying | 2 | 16890 | 9.51 | 8.83 | 9.58 | 7.9 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/29/2016 12:11 | 303.5081019 | Winding down 1829 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:12 | 303.5083333 | Deploying | 2 | 16920 | 9.57 | 8.9 | 9.6 | 7.9 | 2063 | 1464 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:12 | 303.5086806 | Deploying | 2 | 16950 | 9.58 | 8.9 | 9.61 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:13 | 303.5090278 | Deploying | 2 | 16980 | 9.59 | 8.9 | 9.63 | 7.89 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/29/2016 12:13 | 303.5093750 | Deploying | 2 | 17010 | 9.59 | 8.9 | 9.65 | 7.9 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:13 | 303.5094907 | Winding down 1704 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:14 | 303.5097222 | Deploying | 2 | 17040 | 9.64 | 8.97 | 9.66 | 7.86 | 1920 | 1457 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:14 | 303.5100694 | Deploying | 2 | 17070 | 9.67 | 8.97 | 9.68 | 7.9 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:15 | 303.5104167 | Deploying | 2 | 17100 | 9.67 | 8.97 | 9.7 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:15 | 303.5107639 | Deploying | 2 | 17130 | 9.67 | 8.97 | 9.71 | 7.9 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:15 | 303.5110532 | Winding down 1891 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:16 | 303.5111111 | Deploying | 2 | 17160 | 9.66 | 9.04 | 9.73 | 7.89 | 2057 | 1445 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:16 | 303.5114583 | Deploying | 2 | 17190 | 9.75 | 9.04 | 9.75 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:17 | 303.5118056 | Deploying | 2 | 17220 | 9.72 | 9.04 | 9.77 | 7.9 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:17 | 303.5121528 | Deploying | 2 | 17250 | 9.73 | 9.04 | 9.78 | 7.86 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:17 | 303.5123611 | Winding down 1367 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:18 | 303.5125000 | Deploying | 2 | 17280 | 9.76 | 9.09 | 9.8 | 7.92 | 2083 | 1492 | 0 | 10 | 9 | 9 | 9 |
| 10/29/2016 12:18 | 303.5128472 | Deploying | 2 | 17310 | 9.81 | 9.09 | 9.82 | 7.89 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 12:19 | 303.5131944 | Deploying | 2 | 17340 | 9.78 | 9.09 | 9.83 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:19 | 303.5134606 | Winding down 1463 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:19 | 303.5135417 | Deploying | 2 | 17370 | 9.81 | 9.15 | 9.85 | 7.89 | 1935 | 1458 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 12:20 | 303.5138889 | Deploying | 2 | 17400 | 9.84 | 9.15 | 9.87 | 7.89 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 12:20 | 303.5142361 | Deploying | 2 | 17430 | 9.84 | 9.15 | 9.88 | 7.87 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:21 | 303.5145833 | Deploying | 2 | 17460 | 9.86 | 9.15 | 9.9 | 7.89 | 0 | 0 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 12:21 | 303.5149306 | Deploying | 2 | 17490 | 9.85 | 9.15 | 9.92 | 7.89 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:21 | 303.5150116 | Winding down 1611 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:22 | 303.5152778 | Deploying | 2 | 17520 | 9.91 | 9.21 | 9.94 | 7.92 | 1923 | 1470 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:22 | 303.5156250 | Deploying | 2 | 17550 | 9.92 | 9.21 | 9.95 | 7.89 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:23 | 303.5159722 | Deploying | 2 | 17580 | 9.92 | 9.21 | 9.97 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:23 | 303.5161921 | Winding down 1506 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:23 | 303.5163194 | Deploying | 2 | 17610 | 9.94 | 9.27 | 9.99 | 7.89 | 2000 | 1478 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:24 | 303.5166667 | Deploying | 2 | 17640 | 9.98 | 9.27 | 10 | 7.92 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:24 | 303.5170139 | Deploying | 2 | 17670 | 9.98 | 9.27 | 10.02 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:25 | 303.5173611 | Deploying | 2 | 17700 | 9.99 | 9.27 | 10.04 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:25 | 303.5175463 | Winding down 1814 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:25 | 303.5177083 | Deploying | 2 | 17730 | 10.01 | 9.34 | 10.05 | 7.87 | 2056 | 1473 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:26 | 303.5180556 | Deploying | 2 | 17760 | 10.05 | 9.34 | 10.07 | 7.87 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 12:26 | 303.5184028 | Deploying | 2 | 17790 | 10.06 | 9.34 | 10.09 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:27 | 303.5187500 | Deploying | 2 | 17820 | 10.06 | 9.34 | 10.11 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:27 | 303.5189931 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:27 | 303.5190972 | Deploying | 2 | 17850 | 10.07 | 9.41 | 10.12 | 7.89 | 2031 | 1470 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 12:28 | 303.5194444 | Deploying | 2 | 17880 | 10.13 | 9.41 | 10.14 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:28 | 303.5197917 | Deploying | 2 | 17910 | 10.12 | 9.41 | 10.16 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:29 | 303.5201389 | Deploying | 2 | 17940 | 10.12 | 9.41 | 10.17 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:29 | 303.5203241 | Winding down 1364 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:29 | 303.5204861 | Deploying | 2 | 17970 | 10.15 | 9.46 | 10.19 | 7.87 | 1940 | 1452 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 12:30 | 303.5208333 | Deploying | 2 | 18000 | 10.17 | 9.46 | 10.21 | 7.86 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 12:30 | 303.5211806 | Deploying | 2 | 18030 | 10.17 | 9.46 | 10.22 | 7.86 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |

| Date/Time | Value | Status | Col | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 12:30 | 303.5214352 | Winding down 1674 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:31 | 303.5215278 | Deploying | 2 | 18060 | 10.19 | 9.52 | 10.24 | 7.86 | 1847 | 1439 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 12:31 | 303.5218750 | Deploying | 2 | 18090 | 10.24 | 9.52 | 10.26 | 7.86 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:32 | 303.5222222 | Deploying | 2 | 18120 | 10.25 | 9.52 | 10.28 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:32 | 303.5225694 | Deploying | 2 | 18150 | 10.25 | 9.52 | 10.29 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:33 | 303.5229167 | Deploying | 2 | 18180 | 10.25 | 9.52 | 10.31 | 7.83 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:33 | 303.5229398 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:33 | 303.5232639 | Deploying | 2 | 18210 | 10.28 | 9.59 | 10.33 | 7.87 | 1859 | 1453 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:34 | 303.5236111 | Deploying | 2 | 18240 | 10.3 | 9.59 | 10.34 | 7.87 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:34 | 303.5238194 | Winding down 1367 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:34 | 303.5239583 | Deploying | 2 | 18270 | 10.32 | 9.64 | 10.36 | 7.87 | 1994 | 1423 | 0 | 9 | 9 | 9 | 9 |
| 10/29/2016 12:35 | 303.5243056 | Deploying | 2 | 18300 | 10.37 | 9.64 | 10.38 | 7.86 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:35 | 303.5246528 | Deploying | 2 | 18330 | 10.35 | 9.64 | 10.39 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:36 | 303.5250000 | Deploying | 2 | 18360 | 10.35 | 9.64 | 10.41 | 7.86 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:36 | 303.5251505 | Winding down 1821 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:36 | 303.5253472 | Deploying | 2 | 18390 | 10.4 | 9.71 | 10.43 | 7.9 | 1987 | 1485 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:37 | 303.5256944 | Deploying | 2 | 18420 | 10.44 | 9.71 | 10.45 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:37 | 303.5260417 | Deploying | 2 | 18450 | 10.43 | 9.71 | 10.46 | 7.86 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:38 | 303.5263889 | Deploying | 2 | 18480 | 10.43 | 9.71 | 10.48 | 7.86 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:38 | 303.5264005 | Winding down 1301 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:38 | 303.5267361 | Deploying | 2 | 18510 | 10.48 | 9.76 | 10.5 | 7.84 | 1919 | 1463 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:39 | 303.5270833 | Deploying | 2 | 18540 | 10.48 | 9.76 | 10.51 | 7.89 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:39 | 303.5274306 | Deploying | 2 | 18570 | 10.48 | 9.76 | 10.53 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:39 | 303.5277315 | Winding down 1930 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:40 | 303.5277778 | Deploying | 2 | 18600 | 10.48 | 9.83 | 10.55 | 7.86 | 2060 | 1473 | 0 | 10 | 9 | 8 | 9 |
| 10/29/2016 12:40 | 303.5281250 | Deploying | 2 | 18630 | 10.54 | 9.83 | 10.56 | 7.87 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:41 | 303.5284722 | Deploying | 2 | 18660 | 10.55 | 9.83 | 10.58 | 7.86 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:41 | 303.5288194 | Deploying | 2 | 18690 | 10.56 | 9.83 | 10.6 | 7.86 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:42 | 303.5291667 | Deploying | 2 | 18720 | 10.57 | 9.83 | 10.62 | 7.92 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:42 | 303.5294329 | Winding down 1488 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:42 | 303.5295139 | Deploying | 2 | 18750 | 10.58 | 9.89 | 10.63 | 7.87 | 1928 | 1475 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 12:43 | 303.5298611 | Deploying | 2 | 18780 | 10.61 | 9.89 | 10.65 | 7.87 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:43 | 303.5302083 | Deploying | 2 | 18810 | 10.62 | 9.89 | 10.67 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:43 | 303.5304167 | Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:44 | 303.5305556 | Deploying | 2 | 18840 | 10.64 | 9.95 | 10.68 | 7.87 | 1926 | 1497 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:44 | 303.5309028 | Deploying | 2 | 18870 | 10.68 | 9.95 | 10.7 | 7.87 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:45 | 303.5312500 | Deploying | 2 | 18900 | 10.66 | 9.95 | 10.72 | 7.84 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:45 | 303.5314931 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:45 | 303.5315972 | Deploying | 2 | 18930 | 10.68 | 10.01 | 10.73 | 7.86 | 2017 | 1441 | 0 | 8 | 10 | 8 | 10 |
| 10/29/2016 12:46 | 303.5319444 | Deploying | 2 | 18960 | 10.72 | 10.01 | 10.75 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:46 | 303.5322917 | Deploying | 2 | 18990 | 10.72 | 10.01 | 10.77 | 7.87 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:47 | 303.5326389 | Deploying | 2 | 19020 | 10.72 | 10.01 | 10.79 | 7.89 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 12:47 | 303.5327546 | Winding down 1879 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:47 | 303.5329861 | Deploying | 2 | 19050 | 10.79 | 10.08 | 10.8 | 7.87 | 1860 | 1409 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:48 | 303.5333333 | Deploying | 2 | 19080 | 10.81 | 10.08 | 10.82 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:48 | 303.5336806 | Deploying | 2 | 19110 | 10.8 | 10.08 | 10.84 | 7.84 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:49 | 303.5340278 | Deploying | 2 | 19140 | 10.8 | 10.08 | 10.85 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:49 | 303.5342477 | Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:49 | 303.5343750 | Deploying | 2 | 19170 | 10.82 | 10.14 | 10.87 | 7.86 | 1919 | 1452 | 0 | 9 | 8 | 9 | 8 |
| 10/29/2016 12:50 | 303.5347222 | Deploying | 2 | 19200 | 10.85 | 10.14 | 10.89 | 7.86 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:50 | 303.5350694 | Deploying | 2 | 19230 | 10.87 | 10.14 | 10.9 | 7.84 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:51 | 303.5354167 | Deploying | 2 | 19260 | 10.87 | 10.14 | 10.92 | 7.89 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:51 | 303.5356019 | Winding down 1939 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:51 | 303.5357639 | Deploying | 2 | 19290 | 10.89 | 10.22 | 10.94 | 7.84 | 2018 | 1486 | 0 | 8 | 8 | 8 | 8 |

| Date | Time | Value | State | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 12:52 | 303.5361111 | Deploying | 2 | | 19320 | 10.93 | 10.22 | 10.96 | 7.86 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:52 | 303.5364583 | Deploying | 2 | | 19350 | 10.93 | 10.22 | 10.97 | 7.84 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:53 | 303.5368056 | Deploying | 2 | | 19380 | 10.94 | 10.22 | 10.99 | 7.86 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:53 | 303.5369792 | Winding down 1850 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:53 | 303.5371528 | Deploying | 2 | | 19410 | 10.97 | 10.29 | 11.01 | 7.87 | 1896 | 1479 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:54 | 303.5375000 | Deploying | 2 | | 19440 | 11.01 | 10.29 | 11.02 | 7.9 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:54 | 303.5378472 | Deploying | 2 | | 19470 | 11 | 10.29 | 11.04 | 7.83 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:55 | 303.5381944 | Deploying | 2 | | 19500 | 11.01 | 10.29 | 11.06 | 7.86 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:55 | 303.5383681 | Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:55 | 303.5385417 | Deploying | 2 | | 19530 | 11.03 | 10.34 | 11.07 | 7.86 | 2031 | 1443 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 12:56 | 303.5388889 | Deploying | 2 | | 19560 | 11.06 | 10.34 | 11.09 | 7.87 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:56 | 303.5392361 | Deploying | 2 | | 19590 | 11.07 | 10.34 | 11.11 | 7.86 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:56 | 303.5395370 | Winding down 2230 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:57 | 303.5395833 | Deploying | 2 | | 19620 | 11.04 | 10.43 | 11.13 | 7.9 | 1923 | 1458 | 0 | 8 | 10 | 9 | 10 |
| 10/29/2016 12:57 | 303.5399306 | Deploying | 2 | | 19650 | 11.12 | 10.43 | 11.14 | 7.84 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:58 | 303.5402778 | Deploying | 2 | | 19680 | 11.15 | 10.43 | 11.16 | 7.83 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:58 | 303.5406250 | Deploying | 2 | | 19710 | 11.16 | 10.43 | 11.18 | 7.84 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 12:59 | 303.5409722 | Deploying | 2 | | 19740 | 11.14 | 10.43 | 11.19 | 7.84 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 12:59 | 303.5410301 | Winding down 1508 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:59 | 303.5412616 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/29/2016 12:59 | 303.5412616 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/29/2016 12:59 | 303.5412847 | Winding up 1475 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:59 | 303.5413079 | Winding up 2825 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:59 | 303.5413194 | TWI hung (2) | 5 | | | | | | | | | | | | |
| 10/29/2016 12:59 | 303.5413194 | Rewinding | 5 | | 19765 | 11.18 | 10.32 | 11.06 | 7.81 | 1020 | 709 | | | | |
| 10/29/2016 12:59 | 303.5413426 | Winding up 4524 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:59 | 303.5414005 | Winding up 6800 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:59 | 303.5414815 | Winding up 8625 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 12:59 | 303.5415856 | Winding up 8874 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5416667 | Rewinding | 5 | | 19765 | 10.59 | 9.21 | 10.31 | 7.65 | 1034 | 743 | | | | |
| 10/29/2016 13:00 | 303.5416898 | Winding up 6875 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5417708 | Winding up 5000 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5418403 | Winding up 3349 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5418866 | Winding up 2325 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5419213 | Winding up 1649 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5420139 | Rewinding | 5 | | 19765 | 9.56 | 8.47 | 9.56 | 7.83 | 1060 | 772 | | | | |
| 10/29/2016 13:00 | 303.5421065 | Winding up 1375 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5421296 | Winding up 1850 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5421528 | Winding up 2325 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5421875 | Winding up 3099 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5422338 | Winding up 4000 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:00 | 303.5422917 | Winding up 4975 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5423611 | Rewinding | 5 | | 19765 | 9.03 | 7.8 | 8.81 | 7.62 | 994 | 763 | | | | |
| 10/29/2016 13:01 | 303.5423611 | Winding up 5925 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5424306 | Winding up 5825 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5425000 | Winding up 4850 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5425579 | Winding up 4150 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5426157 | Winding up 3125 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5426620 | Winding up 2450 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5426968 | Winding up 1900 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5427083 | Rewinding | 5 | | 19765 | 8.11 | 6.72 | 8.06 | 7.83 | 1113 | 809 | | | | |
| 10/29/2016 13:01 | 303.5427199 | Winding up 1600 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5427431 | Winding up 1300 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 13:01 | 303.5429282 | Winding up 1450 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 13:01 | 303.5429514 | Winding up 2000 ticks | 3 | | | | | | | | |
| 10/29/2016 13:01 | 303.5429861 | Winding up 2700 ticks | 3 | | | | | | | | |
| 10/29/2016 13:01 | 303.5430208 | Winding up 3500 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5430556 | Rewinding | 5 | 19765 | 7.46 | 6.24 | 7.31 | 7.59 | 1063 | 779 | |
| 10/29/2016 13:02 | 303.5430671 | Winding up 4525 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5431250 | Winding up 5750 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5431944 | Winding up 6450 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5432755 | Winding up 5900 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5433449 | Winding up 4900 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5434028 | Rewinding | 5 | 19765 | 6.68 | 5.19 | 6.56 | 7.67 | 1007 | 767 | |
| 10/29/2016 13:02 | 303.5434028 | Winding up 3600 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5434491 | Winding up 2600 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5434838 | Winding up 1900 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5435069 | Winding up 1475 ticks | 3 | | | | | | | | |
| 10/29/2016 13:02 | 303.5437269 | Winding up 1250 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5437500 | Rewinding | 5 | 19765 | 5.87 | 4.77 | 5.81 | 7.56 | 1097 | 782 | |
| 10/29/2016 13:03 | 303.5437500 | Winding up 1925 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5437731 | Winding up 2575 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5438079 | Winding up 3400 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5438542 | Winding up 4500 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5439120 | Winding up 5875 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5439815 | Winding up 6350 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5440625 | Winding up 5675 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5440972 | Rewinding | 5 | 19765 | 5.24 | 3.62 | 5.06 | 7.67 | 1098 | 780 | |
| 10/29/2016 13:03 | 303.5441319 | Winding up 4050 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5441898 | Winding up 2650 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5442245 | Winding up 1775 ticks | 3 | | | | | | | | |
| 10/29/2016 13:03 | 303.5444329 | Winding up 1275 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5444444 | Rewinding | 5 | 19765 | 4.35 | 3.25 | 4.31 | 7.76 | 1075 | 776 | |
| 10/29/2016 13:04 | 303.5444560 | Winding up 1825 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5444792 | Winding up 2275 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5445139 | Winding up 3150 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5445602 | Winding up 4400 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5446181 | Winding up 5675 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5446875 | Winding up 6425 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5447685 | Winding up 5800 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5447917 | Rewinding | 5 | 19765 | 3.75 | 2.13 | 3.56 | 7.52 | 1096 | 789 | |
| 10/29/2016 13:04 | 303.5448380 | Winding up 4425 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5448958 | Winding up 3200 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5449421 | Winding up 2150 ticks | 3 | | | | | | | | |
| 10/29/2016 13:04 | 303.5449769 | Winding up 1500 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5451389 | Rewinding | 5 | 19765 | 2.83 | 1.7 | 2.81 | 7.79 | 1083 | 776 | |
| 10/29/2016 13:05 | 303.5451620 | Winding up 1400 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5451852 | Winding up 1825 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5452083 | Winding up 2200 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5452431 | Winding up 2825 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5452778 | Winding up 3600 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5453241 | Winding up 4500 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5453819 | Winding up 5325 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5454514 | Winding up 5550 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5454861 | Rewinding | 5 | 19765 | 2.25 | 0.67 | 2.06 | 7.59 | 1075 | 781 | |
| 10/29/2016 13:05 | 303.5455208 | Winding up 4425 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5455787 | Winding up 3375 ticks | 3 | | | | | | | | |
| 10/29/2016 13:05 | 303.5456250 | Winding up 2400 ticks | 3 | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 13:05 | 303.5456597 | Winding up 1750 ticks | 3 | | | | | | | |
| 10/29/2016 13:05 | 303.5456829 | Winding up 1325 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5458333 | Rewinding | 5 | 19765 | 1.31 | 0.17 | 1.31 | 7.79 | 1084 | 779 |
| 10/29/2016 13:06 | 303.5458796 | Winding up 1250 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5459028 | Winding up 1650 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5459259 | Winding up 2050 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5459606 | Winding up 2800 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5459954 | Winding up 3675 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5460417 | Winding up 4600 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5460995 | Winding up 5550 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5461690 | Winding up 5750 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5461806 | Rewinding | 5 | 19765 | 0.77 | -0.86 | 0.56 | 7.73 | 1053 | 773 |
| 10/29/2016 13:06 | 303.5461921 | Winding up 5650 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5462037 | Winding up 5575 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5462153 | Winding up 5550 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5462269 | Winding up 5475 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5462384 | Winding up 5425 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5462500 | Winding up 5425 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5462616 | Winding up 5450 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5462731 | Winding up 5500 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5462847 | Winding up 5475 ticks | 3 | | | | | | | |
| 10/29/2016 13:06 | 303.5462963 | Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 10/29/2016 13:06 | 303.5462963 | State 5 (FINISHED) | 5 | | | | | | | |
| 10/29/2016 13:36 | 303.5667361 | Manual stop | 5 | | | | | | | |
| 10/29/2016 13:36 | 303.5667361 | State 1 (IDLE) | 5 | | | | | | | |

DPS4-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 12:45 | 303.5312500 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/28/2016 12:45 | 303.5315972 | Deploying | 2 | 30 | 0.27 | 0 | 0.02 | 8.05 | 0 | 0 | 0 | -5 | 2 | -1 | 2 |
| 10/28/2016 12:46 | 303.5319444 | Deploying | 2 | 60 | 0.27 | 0 | 0.04 | 8.06 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/28/2016 12:46 | 303.5322917 | Deploying | 2 | 90 | 0.26 | 0 | 0.06 | 8.08 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 12:47 | 303.5326389 | Deploying | 2 | 120 | 0.27 | 0 | 0.08 | 8.06 | 0 | 0 | 0 | -2 | -1 | 0 | -1 |
| 10/28/2016 12:47 | 303.5329861 | Deploying | 2 | 150 | 0.26 | 0 | 0.09 | 8.06 | 0 | 0 | 0 | -3 | 2 | 0 | 2 |
| 10/28/2016 12:48 | 303.5333333 | Deploying | 2 | 180 | 0.26 | 0 | 0.11 | 8.06 | 0 | 0 | 0 | 3 | 3 | 4 | 3 |
| 10/28/2016 12:48 | 303.5336806 | Deploying | 2 | 210 | 0.26 | 0 | 0.13 | 8.06 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 12:49 | 303.5340278 | Deploying | 2 | 240 | 0.25 | 0 | 0.14 | 8.06 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/28/2016 12:49 | 303.5343750 | Deploying | 2 | 270 | 0.26 | 0 | 0.16 | 8.05 | 0 | 0 | 0 | -4 | 1 | 0 | 1 |
| 10/28/2016 12:50 | 303.5347222 | Deploying | 2 | 300 | 0.27 | 0 | 0.18 | 8.05 | 0 | 0 | 0 | 1 | 4 | 3 | 4 |
| 10/28/2016 12:50 | 303.5350694 | Deploying | 2 | 330 | 0.26 | 0 | 0.19 | 8.05 | 0 | 0 | 0 | -1 | 2 | 1 | 2 |
| 10/28/2016 12:51 | 303.5354167 | Deploying | 2 | 360 | 0.27 | 0 | 0.21 | 8.06 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 10/28/2016 12:51 | 303.5357639 | Deploying | 2 | 390 | 0.27 | 0 | 0.23 | 8.05 | 0 | 0 | 0 | -4 | -6 | -3 | -6 |
| 10/28/2016 12:52 | 303.5361111 | Deploying | 2 | 420 | 0.26 | 0 | 0.25 | 8.05 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/28/2016 12:52 | 303.5364583 | Deploying | 2 | 450 | 0.27 | 0 | 0.26 | 8.05 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| 10/28/2016 12:53 | 303.5368056 | Deploying | 2 | 480 | 0.27 | 0 | 0.28 | 8.03 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 12:53 | 303.5371528 | Deploying | 2 | 510 | 0.26 | 0 | 0.3 | 8.08 | 0 | 0 | 0 | -5 | 0 | -1 | 0 |
| 10/28/2016 12:54 | 303.5375000 | Deploying | 2 | 540 | 0.26 | 0 | 0.31 | 8.06 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/28/2016 12:54 | 303.5377894 | Winding down 1366 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:54 | 303.5378472 | Deploying | 2 | 570 | 0.28 | 0.05 | 0.33 | 8.08 | 2107 | 1589 | 0 | 3 | 1 | 1 | 1 |
| 10/28/2016 12:55 | 303.5381944 | Deploying | 2 | 600 | 0.3 | 0.05 | 0.35 | 8.08 | 0 | 0 | 0 | 2 | 0 | 1 | 0 |
| 10/28/2016 12:55 | 303.5384375 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:55 | 303.5385417 | Deploying | 2 | 630 | 0.31 | 0.11 | 0.36 | 8.06 | 2145 | 1629 | 0 | -3 | 1 | 0 | 1 |
| 10/28/2016 12:56 | 303.5388889 | Deploying | 2 | 660 | 0.36 | 0.11 | 0.38 | 8.05 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 12:56 | 303.5392361 | Deploying | 2 | 690 | 0.36 | 0.11 | 0.4 | 8.06 | 0 | 0 | 0 | -3 | -4 | -1 | -4 |
| 10/28/2016 12:56 | 303.5395602 | Winding down 1359 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:57 | 303.5395833 | Deploying | 2 | 720 | 0.36 | 0.16 | 0.42 | 7.9 | 2167 | 1561 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 12:57 | 303.5399306 | Deploying | 2 | 750 | 0.41 | 0.16 | 0.43 | 8.08 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 12:58 | 303.5402778 | Deploying | 2 | 780 | 0.42 | 0.16 | 0.45 | 8.08 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 12:58 | 303.5406250 | Deploying | 2 | 810 | 0.41 | 0.16 | 0.47 | 8.05 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 12:58 | 303.5407523 | Winding down 1743 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 12:59 | 303.5409722 | Deploying | 2 | 840 | 0.43 | 0.23 | 0.48 | 8.05 | 2134 | 1602 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 12:59 | 303.5413194 | Deploying | 2 | 870 | 0.47 | 0.23 | 0.5 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 13:00 | 303.5416667 | Deploying | 2 | 900 | 0.48 | 0.23 | 0.52 | 8.06 | 0 | 0 | 0 | 3 | 2 | 0 | 2 |
| 10/28/2016 13:00 | 303.5420139 | Deploying | 2 | 930 | 0.48 | 0.23 | 0.53 | 8.05 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 13:00 | 303.5420255 | Winding down 1401 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:01 | 303.5423611 | Deploying | 2 | 960 | 0.54 | 0.28 | 0.55 | 8.02 | 2298 | 1637 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 13:01 | 303.5427083 | Deploying | 2 | 990 | 0.54 | 0.28 | 0.57 | 8.05 | 0 | 0 | 0 | -2 | -3 | 0 | -3 |
| 10/28/2016 13:02 | 303.5430556 | Deploying | 2 | 1020 | 0.52 | 0.28 | 0.59 | 8.05 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 13:02 | 303.5431597 | Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:02 | 303.5434028 | Deploying | 2 | 1050 | 0.58 | 0.34 | 0.6 | 8.08 | 2022 | 1601 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 13:03 | 303.5437500 | Deploying | 2 | 1080 | 0.58 | 0.34 | 0.62 | 8.02 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 13:03 | 303.5440972 | Deploying | 2 | 1110 | 0.59 | 0.34 | 0.64 | 8.05 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:03 | 303.5444329 | Winding down 1323 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:04 | 303.5444444 | Deploying | 2 | 1140 | 0.6 | 0.39 | 0.65 | 8.06 | 2282 | 1661 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 13:04 | 303.5447917 | Deploying | 2 | 1170 | 0.64 | 0.39 | 0.67 | 8.03 | 2282 | 293 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 13:05 | 303.5451389 | Deploying | 2 | 1200 | 0.65 | 0.39 | 0.69 | 8.05 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 13:05 | 303.5454861 | Deploying | 2 | 1230 | 0.66 | 0.39 | 0.7 | 8.05 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:05 | 303.5457407 | Winding down 1699 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:06 | 303.5458333 | Deploying | 2 | 1260 | 0.67 | 0.45 | 0.72 | 8.05 | 2165 | 1605 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 13:06 | 303.5461806 | Deploying | 2 | 1290 | 0.71 | 0.45 | 0.74 | 8.06 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 13:07 | 303.5465278 | Deploying | 2 | 1320 | 0.72 | 0.45 | 0.76 | 8.06 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:07 | 303.5468750 | Deploying | 2 | 1350 | 0.72 | 0.45 | 0.77 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 13:07 | 303.5469792 | Winding down 1390 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:08 | 303.5472222 | Deploying | 2 | 1380 | 0.75 | 0.51 | 0.79 | 8.06 | 2280 | 1682 | 0 | -1 | 4 | 0 | 4 |
| 10/28/2016 13:08 | 303.5475694 | Deploying | 2 | 1410 | 0.77 | 0.51 | 0.81 | 8.02 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 13:09 | 303.5479167 | Deploying | 2 | 1440 | 0.77 | 0.51 | 0.82 | 8.02 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 13:09 | 303.5479514 | Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:09 | 303.5482639 | Deploying | 2 | 1470 | 0.83 | 0.57 | 0.84 | 8.03 | 2158 | 1623 | 0 | 1 | -1 | 1 | -1 |
| 10/28/2016 13:10 | 303.5486111 | Deploying | 2 | 1500 | 0.83 | 0.57 | 0.86 | 8.05 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 13:10 | 303.5489583 | Deploying | 2 | 1530 | 0.83 | 0.57 | 0.87 | 8.05 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 13:10 | 303.5492477 | Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:11 | 303.5493056 | Deploying | 2 | 1560 | 0.84 | 0.62 | 0.89 | 8.06 | 2163 | 1646 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 13:11 | 303.5496528 | Deploying | 2 | 1590 | 0.89 | 0.62 | 0.91 | 8.06 | 0 | 0 | 0 | 0 | -1 | 1 | -1 |
| 10/28/2016 13:12 | 303.5500000 | Deploying | 2 | 1620 | 0.89 | 0.62 | 0.93 | 8.06 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 13:12 | 303.5503472 | Deploying | 2 | 1650 | 0.91 | 0.62 | 0.94 | 8.03 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 10/28/2016 13:13 | 303.5506944 | Deploying | 2 | 1680 | 0.9 | 0.62 | 0.96 | 8.05 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 13:13 | 303.5507407 | Winding down 1519 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:13 | 303.5510417 | Deploying | 2 | 1710 | 0.95 | 0.68 | 0.98 | 8.03 | 2329 | 1660 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 13:14 | 303.5513889 | Deploying | 2 | 1740 | 0.94 | 0.68 | 0.99 | 8.05 | 0 | 0 | 0 | -1 | 2 | 1 | 2 |
| 10/28/2016 13:14 | 303.5517361 | Deploying | 2 | 1770 | 0.97 | 0.68 | 1.01 | 8.03 | 0 | 0 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 13:14 | 303.5519560 | Winding down 1856 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:15 | 303.5520833 | Deploying | 2 | 1800 | 0.97 | 0.75 | 1.03 | 8.02 | 2178 | 1609 | 0 | 3 | 2 | 2 | 2 |
| 10/28/2016 13:15 | 303.5524306 | Deploying | 2 | 1830 | 1.02 | 0.75 | 1.04 | 8.02 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 13:16 | 303.5527778 | Deploying | 2 | 1860 | 1.02 | 0.75 | 1.06 | 8.03 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 13:16 | 303.5531250 | Deploying | 2 | 1890 | 1.02 | 0.75 | 1.08 | 8.03 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:16 | 303.5532523 | Winding down 1443 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:17 | 303.5534722 | Deploying | 2 | 1920 | 1.05 | 0.81 | 1.1 | 8.03 | 2319 | 1715 | 0 | -1 | 3 | 0 | 3 |
| 10/28/2016 13:17 | 303.5538194 | Deploying | 2 | 1950 | 1.07 | 0.81 | 1.11 | 8.03 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 13:18 | 303.5541667 | Deploying | 2 | 1980 | 1.06 | 0.81 | 1.13 | 8.05 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 13:18 | 303.5541667 | Winding down 1662 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:18 | 303.5545139 | Deploying | 2 | 2010 | 1.14 | 0.87 | 1.15 | 8.03 | 2219 | 1674 | 0 | 2 | 1 | 2 | 1 |
| 10/28/2016 13:19 | 303.5548611 | Deploying | 2 | 2040 | 1.15 | 0.87 | 1.16 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 13:19 | 303.5552083 | Deploying | 2 | 2070 | 1.14 | 0.87 | 1.18 | 8.06 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 13:20 | 303.5555556 | Deploying | 2 | 2100 | 1.14 | 0.87 | 1.2 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 13:20 | 303.5555671 | Winding down 1526 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:20 | 303.5559028 | Deploying | 2 | 2130 | 1.2 | 0.93 | 1.21 | 8.03 | 2223 | 1668 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 13:21 | 303.5562500 | Deploying | 2 | 2160 | 1.2 | 0.93 | 1.23 | 8.05 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 13:21 | 303.5565972 | Deploying | 2 | 2190 | 1.21 | 0.93 | 1.25 | 8.05 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 13:22 | 303.5569444 | Deploying | 2 | 2220 | 1.2 | 0.93 | 1.27 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 13:22 | 303.5569444 | Winding down 1712 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:22 | 303.5572917 | Deploying | 2 | 2250 | 1.26 | 0.99 | 1.28 | 8.03 | 2269 | 1670 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:23 | 303.5576389 | Deploying | 2 | 2280 | 1.27 | 0.99 | 1.3 | 8.03 | 0 | 0 | 0 | -2 | -1 | 1 | -1 |
| 10/28/2016 13:23 | 303.5579861 | Deploying | 2 | 2310 | 1.26 | 0.99 | 1.32 | 8.08 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 13:23 | 303.5581366 | Winding down 1646 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:24 | 303.5583333 | Deploying | 2 | 2340 | 1.3 | 1.05 | 1.33 | 8.05 | 2257 | 1719 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 13:24 | 303.5586806 | Deploying | 2 | 2370 | 1.32 | 1.05 | 1.35 | 8.03 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 13:25 | 303.5590278 | Deploying | 2 | 2400 | 1.33 | 1.05 | 1.37 | 8.02 | 0 | 0 | 0 | -1 | 0 | 1 | 0 |
| 10/28/2016 13:25 | 303.5593750 | Deploying | 2 | 2430 | 1.33 | 1.05 | 1.38 | 8.03 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 13:25 | 303.5595718 | Winding down 1403 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:26 | 303.5597222 | Deploying | 2 | 2460 | 1.37 | 1.11 | 1.4 | 8.03 | 2232 | 1670 | 0 | -1 | 2 | 0 | 2 |
| 10/28/2016 13:26 | 303.5600694 | Deploying | 2 | 2490 | 1.4 | 1.11 | 1.42 | 8.02 | 0 | 0 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 13:27 | 303.5604167 | Deploying | 2 | 2520 | 1.4 | 1.11 | 1.44 | 8.03 | 0 | 0 | 0 | 0 | 4 | 2 | 4 |
| 10/28/2016 13:27 | 303.5607639 | Deploying | 2 | 2550 | 1.4 | 1.11 | 1.45 | 8.05 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 10/28/2016 13:27 | 303.5609606 | Winding down 1778 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:28 | 303.5611111 | Deploying | 2 | 2580 | 1.43 | 1.17 | 1.47 | 8.05 | 2312 | 1708 | 0 | -2 | -2 | 0 | -2 |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:28 | 303.5614583 | Deploying | 2 | 2610 | 1.47 | 1.17 | 1.49 | 8.08 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 13:29 | 303.5618056 | Deploying | 2 | 2640 | 1.49 | 1.17 | 1.5 | 8.03 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 13:29 | 303.5621528 | Deploying | 2 | 2670 | 1.48 | 1.17 | 1.52 | 8.06 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 13:29 | 303.5624421 | Winding down 1666 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:30 | 303.5625000 | Deploying | 2 | 2700 | 1.47 | 1.24 | 1.54 | 8.03 | 2127 | 1616 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 13:30 | 303.5628472 | Deploying | 2 | 2730 | 1.53 | 1.24 | 1.55 | 8.03 | 0 | 0 | 0 | -2 | 3 | 0 | 3 |
| 10/28/2016 13:31 | 303.5631944 | Deploying | 2 | 2760 | 1.55 | 1.24 | 1.57 | 8.06 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:31 | 303.5635417 | Deploying | 2 | 2790 | 1.53 | 1.24 | 1.59 | 8.03 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 13:31 | 303.5636806 | Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:32 | 303.5638889 | Deploying | 2 | 2820 | 1.57 | 1.29 | 1.61 | 8.05 | 2325 | 1723 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 13:32 | 303.5642361 | Deploying | 2 | 2850 | 1.6 | 1.29 | 1.62 | 8.05 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 13:33 | 303.5645833 | Deploying | 2 | 2880 | 1.6 | 1.29 | 1.64 | 8.06 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 13:33 | 303.5649306 | Deploying | 2 | 2910 | 1.6 | 1.29 | 1.66 | 8.03 | 0 | 0 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 13:33 | 303.5650000 | Winding down 1722 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:34 | 303.5652778 | Deploying | 2 | 2940 | 1.64 | 1.36 | 1.67 | 8.05 | 2143 | 1634 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 13:34 | 303.5656250 | Deploying | 2 | 2970 | 1.67 | 1.36 | 1.69 | 8.03 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 13:35 | 303.5659722 | Deploying | 2 | 3000 | 1.66 | 1.36 | 1.71 | 8.05 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 13:35 | 303.5661921 | Winding down 1331 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:35 | 303.5663194 | Deploying | 2 | 3030 | 1.69 | 1.41 | 1.72 | 8.05 | 2207 | 1649 | 0 | -1 | 2 | 0 | 2 |
| 10/28/2016 13:36 | 303.5666667 | Deploying | 2 | 3060 | 1.7 | 1.41 | 1.74 | 8.06 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 13:36 | 303.5670139 | Deploying | 2 | 3090 | 1.71 | 1.41 | 1.76 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:36 | 303.5673148 | Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:37 | 303.5673611 | Deploying | 2 | 3120 | 1.72 | 1.47 | 1.78 | 8.05 | 1998 | 1627 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 13:37 | 303.5677083 | Deploying | 2 | 3150 | 1.77 | 1.47 | 1.79 | 8.05 | 0 | 0 | 0 | 2 | 0 | 1 | 0 |
| 10/28/2016 13:38 | 303.5680556 | Deploying | 2 | 3180 | 1.79 | 1.47 | 1.81 | 8.02 | 0 | 0 | 0 | 0 | 1 | 2 | 1 |
| 10/28/2016 13:38 | 303.5684028 | Deploying | 2 | 3210 | 1.77 | 1.47 | 1.83 | 8.03 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 13:38 | 303.5686690 | Winding down 1788 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:39 | 303.5687500 | Deploying | 2 | 3240 | 1.79 | 1.53 | 1.84 | 8.03 | 2317 | 1709 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:39 | 303.5690972 | Deploying | 2 | 3270 | 1.85 | 1.53 | 1.86 | 8.03 | 0 | 0 | 0 | 2 | 1 | 2 | 1 |
| 10/28/2016 13:40 | 303.5694444 | Deploying | 2 | 3300 | 1.86 | 1.53 | 1.88 | 8.05 | 0 | 0 | 0 | -1 | -1 | 1 | -1 |
| 10/28/2016 13:40 | 303.5697917 | Deploying | 2 | 3330 | 1.85 | 1.53 | 1.89 | 8.03 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 13:41 | 303.5701389 | Deploying | 2 | 3360 | 1.86 | 1.53 | 1.91 | 8 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 13:41 | 303.5703819 | Winding down 1835 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:41 | 303.5704861 | Deploying | 2 | 3390 | 1.88 | 1.6 | 1.93 | 8.02 | 2006 | 1615 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:42 | 303.5708333 | Deploying | 2 | 3420 | 1.93 | 1.6 | 1.95 | 8.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 13:42 | 303.5711806 | Deploying | 2 | 3450 | 1.93 | 1.6 | 1.96 | 8.03 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 13:43 | 303.5715278 | Deploying | 2 | 3480 | 1.93 | 1.6 | 1.98 | 8.03 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 13:43 | 303.5717824 | Winding down 1674 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:43 | 303.5718750 | Deploying | 2 | 3510 | 1.94 | 1.67 | 2 | 8.02 | 2110 | 1670 | 0 | 4 | 2 | 0 | 2 |
| 10/28/2016 13:44 | 303.5722222 | Deploying | 2 | 3540 | 2 | 1.67 | 2.01 | 8 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 13:44 | 303.5725694 | Deploying | 2 | 3570 | 2 | 1.67 | 2.03 | 8.02 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 13:45 | 303.5729167 | Deploying | 2 | 3600 | 2 | 1.67 | 2.05 | 8.02 | 0 | 0 | 0 | 3 | 1 | 0 | 1 |
| 10/28/2016 13:45 | 303.5732639 | Deploying | 2 | 3630 | 2 | 1.67 | 2.06 | 8.03 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 13:45 | 303.5733218 | Winding down 1733 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:46 | 303.5736111 | Deploying | 2 | 3660 | 2.07 | 1.73 | 2.08 | 8.03 | 2253 | 1660 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 13:46 | 303.5739583 | Deploying | 2 | 3690 | 2.08 | 1.73 | 2.1 | 8.03 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:47 | 303.5743056 | Deploying | 2 | 3720 | 2.07 | 1.73 | 2.12 | 8.03 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 13:47 | 303.5746528 | Deploying | 2 | 3750 | 2.07 | 1.73 | 2.13 | 8.02 | 0 | 0 | 0 | 1 | -1 | 0 | -1 |
| 10/28/2016 13:47 | 303.5746991 | Winding down 1669 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:48 | 303.5750000 | Deploying | 2 | 3780 | 2.13 | 1.8 | 2.15 | 8.06 | 2318 | 1729 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 13:48 | 303.5753472 | Deploying | 2 | 3810 | 2.14 | 1.8 | 2.17 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:49 | 303.5756944 | Deploying | 2 | 3840 | 2.14 | 1.8 | 2.18 | 8.05 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:49 | 303.5760417 | Deploying | 2 | 3870 | 2.14 | 1.8 | 2.2 | 8.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 13:49 | 303.5760880 | Winding down 1669 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 13:50 | 303.5763889 | Deploying | 2 | 3900 | 2.19 | 1.86 | 2.22 | 8.02 | 2342 | 1739 | 0 | 2 | 0 | 1 | 0 |
| 10/28/2016 13:50 | 303.5767361 | Deploying | 2 | 3930 | 2.19 | 1.86 | 2.23 | 8.05 | 0 | 0 | 0 | 3 | 2 | 0 | 2 |
| 10/28/2016 13:50 | 303.5770486 | Winding down 1395 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:51 | 303.5770833 | Deploying | 2 | 3960 | 2.2 | 1.91 | 2.25 | 8.03 | 2343 | 1715 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 13:51 | 303.5774306 | Deploying | 2 | 3990 | 2.26 | 1.91 | 2.27 | 8.03 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 13:52 | 303.5777778 | Deploying | 2 | 4020 | 2.26 | 1.91 | 2.29 | 8.03 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 13:52 | 303.5781250 | Deploying | 2 | 4050 | 2.27 | 1.91 | 2.3 | 8.03 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 10/28/2016 13:53 | 303.5784722 | Deploying | 2 | 4080 | 2.26 | 1.91 | 2.32 | 8.02 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 13:53 | 303.5787269 | Winding down 1824 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:53 | 303.5788194 | Deploying | 2 | 4110 | 2.28 | 1.98 | 2.34 | 8.03 | 2100 | 1610 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 13:54 | 303.5791667 | Deploying | 2 | 4140 | 2.35 | 1.98 | 2.35 | 8.03 | 0 | 0 | 0 | -2 | 2 | 0 | 2 |
| 10/28/2016 13:54 | 303.5795139 | Deploying | 2 | 4170 | 2.34 | 1.98 | 2.37 | 8.03 | 0 | 0 | 0 | -3 | 3 | 0 | 3 |
| 10/28/2016 13:55 | 303.5798611 | Deploying | 2 | 4200 | 2.34 | 1.98 | 2.39 | 8.03 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:55 | 303.5800694 | Winding down 1567 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:55 | 303.5802083 | Deploying | 2 | 4230 | 2.36 | 2.04 | 2.4 | 8.02 | 2333 | 1679 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:56 | 303.5805556 | Deploying | 2 | 4260 | 2.4 | 2.04 | 2.42 | 8.03 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 13:56 | 303.5809028 | Deploying | 2 | 4290 | 2.39 | 2.04 | 2.44 | 8 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 13:56 | 303.5811574 | Winding down 1399 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:57 | 303.5812500 | Deploying | 2 | 4320 | 2.42 | 2.09 | 2.46 | 8.05 | 2205 | 1663 | 0 | -1 | 0 | 1 | 0 |
| 10/28/2016 13:57 | 303.5815972 | Deploying | 2 | 4350 | 2.46 | 2.09 | 2.47 | 8.05 | 0 | 0 | 0 | -1 | 2 | 0 | 2 |
| 10/28/2016 13:58 | 303.5819444 | Deploying | 2 | 4380 | 2.45 | 2.09 | 2.49 | 8.03 | 0 | 0 | 0 | 1 | -1 | 0 | -1 |
| 10/28/2016 13:58 | 303.5822917 | Deploying | 2 | 4410 | 2.46 | 2.09 | 2.51 | 8.02 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 13:59 | 303.5826389 | Deploying | 2 | 4440 | 2.45 | 2.09 | 2.52 | 8.03 | 0 | 0 | 0 | 3 | 2 | 1 | 2 |
| 10/28/2016 13:59 | 303.5827083 | Winding down 2022 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 13:59 | 303.5829861 | Deploying | 2 | 4470 | 2.52 | 2.17 | 2.54 | 8.02 | 2267 | 1696 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:00 | 303.5833333 | Deploying | 2 | 4500 | 2.54 | 2.17 | 2.56 | 8.02 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:00 | 303.5836806 | Deploying | 2 | 4530 | 2.54 | 2.17 | 2.57 | 8.03 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:01 | 303.5840278 | Deploying | 2 | 4560 | 2.54 | 2.17 | 2.59 | 8.03 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 14:01 | 303.5841782 | Winding down 1446 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:01 | 303.5843750 | Deploying | 2 | 4590 | 2.58 | 2.22 | 2.61 | 8.02 | 2184 | 1640 | 0 | -1 | 3 | 0 | 3 |
| 10/28/2016 14:02 | 303.5847222 | Deploying | 2 | 4620 | 2.61 | 2.22 | 2.63 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:02 | 303.5850694 | Deploying | 2 | 4650 | 2.61 | 2.22 | 2.64 | 8.02 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:03 | 303.5854167 | Deploying | 2 | 4680 | 2.6 | 2.22 | 2.66 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:03 | 303.5855671 | Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:03 | 303.5857639 | Deploying | 2 | 4710 | 2.64 | 2.28 | 2.68 | 8.02 | 2229 | 1667 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 14:04 | 303.5861111 | Deploying | 2 | 4740 | 2.68 | 2.28 | 2.69 | 8.02 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 14:04 | 303.5864583 | Deploying | 2 | 4770 | 2.67 | 2.28 | 2.71 | 8.02 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:05 | 303.5868056 | Deploying | 2 | 4800 | 2.67 | 2.28 | 2.73 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:05 | 303.5868634 | Winding down 1708 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:05 | 303.5871528 | Deploying | 2 | 4830 | 2.71 | 2.35 | 2.74 | 8.02 | 2239 | 1637 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:06 | 303.5875000 | Deploying | 2 | 4860 | 2.74 | 2.35 | 2.76 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:06 | 303.5878472 | Deploying | 2 | 4890 | 2.75 | 2.35 | 2.78 | 8.02 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:07 | 303.5881944 | Deploying | 2 | 4920 | 2.74 | 2.35 | 2.8 | 8.02 | 0 | 0 | 0 | -1 | 2 | 0 | 2 |
| 10/28/2016 14:07 | 303.5883796 | Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:07 | 303.5885417 | Deploying | 2 | 4950 | 2.77 | 2.41 | 2.81 | 8 | 2271 | 1716 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:08 | 303.5888889 | Deploying | 2 | 4980 | 2.81 | 2.41 | 2.83 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:08 | 303.5892361 | Deploying | 2 | 5010 | 2.8 | 2.41 | 2.85 | 8.02 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/28/2016 14:08 | 303.5895718 | Winding down 1598 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:09 | 303.5895833 | Deploying | 2 | 5040 | 2.8 | 2.47 | 2.86 | 8 | 2247 | 1688 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:09 | 303.5899306 | Deploying | 2 | 5070 | 2.88 | 2.47 | 2.88 | 8 | 2247 | 244 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:10 | 303.5902778 | Deploying | 2 | 5100 | 2.88 | 2.47 | 2.9 | 8.02 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 14:10 | 303.5906250 | Deploying | 2 | 5130 | 2.87 | 2.47 | 2.91 | 8.02 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 14:10 | 303.5909375 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:11 | 303.5909722 | Deploying | 2 | 5160 | 2.88 | 2.52 | 2.93 | 8 | 2229 | 1658 | 0 | 1 | 2 | 1 | 2 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:11 | 303.5913194 | Deploying | 2 | 5190 | 2.93 | 2.52 | 2.95 | 8.02 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 14:12 | 303.5916667 | Deploying | 2 | 5220 | 2.92 | 2.52 | 2.97 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:12 | 303.5920139 | Deploying | 2 | 5250 | 2.92 | 2.52 | 2.98 | 8.02 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 10/28/2016 14:12 | 303.5921759 | Winding down 1810 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:13 | 303.5923611 | Deploying | 2 | 5280 | 2.96 | 2.59 | 3 | 8 | 2341 | 1739 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:13 | 303.5927083 | Deploying | 2 | 5310 | 2.99 | 2.59 | 3.02 | 8.02 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 14:14 | 303.5930556 | Deploying | 2 | 5340 | 2.99 | 2.59 | 3.03 | 8.02 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:14 | 303.5934028 | Deploying | 2 | 5370 | 2.99 | 2.59 | 3.05 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:14 | 303.5934722 | Winding down 1472 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:15 | 303.5937500 | Deploying | 2 | 5400 | 3.05 | 2.65 | 3.07 | 8.03 | 2309 | 1704 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:15 | 303.5940972 | Deploying | 2 | 5430 | 3.06 | 2.65 | 3.08 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:16 | 303.5944444 | Deploying | 2 | 5460 | 3.06 | 2.65 | 3.1 | 8.03 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:16 | 303.5947917 | Deploying | 2 | 5490 | 3.06 | 2.65 | 3.12 | 8.03 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 14:16 | 303.5948032 | Winding down 1376 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:17 | 303.5951389 | Deploying | 2 | 5520 | 3.11 | 2.7 | 3.14 | 8 | 2277 | 1660 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:17 | 303.5954861 | Deploying | 2 | 5550 | 3.11 | 2.7 | 3.15 | 8.02 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:17 | 303.5958218 | Winding down 1598 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:18 | 303.5958333 | Deploying | 2 | 5580 | 3.1 | 2.76 | 3.17 | 8 | 2334 | 1687 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:18 | 303.5961806 | Deploying | 2 | 5610 | 3.18 | 2.76 | 3.19 | 7.98 | 2334 | 192 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 14:19 | 303.5965278 | Deploying | 2 | 5640 | 3.18 | 2.76 | 3.2 | 8.03 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 14:19 | 303.5968750 | Deploying | 2 | 5670 | 3.19 | 2.76 | 3.22 | 8.02 | 0 | 0 | 0 | -1 | 2 | 0 | 2 |
| 10/28/2016 14:20 | 303.5972222 | Deploying | 2 | 5700 | 3.18 | 2.76 | 3.24 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:20 | 303.5973264 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:20 | 303.5975694 | Deploying | 2 | 5730 | 3.22 | 2.82 | 3.25 | 8 | 2336 | 1680 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 14:21 | 303.5979167 | Deploying | 2 | 5760 | 3.24 | 2.82 | 3.27 | 8.02 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/28/2016 14:21 | 303.5982639 | Deploying | 2 | 5790 | 3.23 | 2.82 | 3.29 | 8.02 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 14:21 | 303.5984259 | Winding down 1435 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:22 | 303.5986111 | Deploying | 2 | 5820 | 3.27 | 2.87 | 3.31 | 8.02 | 2259 | 1681 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 14:22 | 303.5989583 | Deploying | 2 | 5850 | 3.3 | 2.87 | 3.32 | 8.03 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:23 | 303.5993056 | Deploying | 2 | 5880 | 3.28 | 2.87 | 3.34 | 8.02 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 14:23 | 303.5994097 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:23 | 303.5996528 | Deploying | 2 | 5910 | 3.35 | 2.93 | 3.36 | 8.02 | 2310 | 1644 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 14:24 | 303.6000000 | Deploying | 2 | 5940 | 3.35 | 2.93 | 3.37 | 8.03 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:24 | 303.6003472 | Deploying | 2 | 5970 | 3.37 | 2.93 | 3.39 | 8.03 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:25 | 303.6006944 | Deploying | 2 | 6000 | 3.35 | 2.93 | 3.41 | 8 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 14:25 | 303.6009491 | Winding down 1724 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6010417 | Deploying | 2 | 6030 | 3.37 | 3 | 3.42 | 8 | 2223 | 1646 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:26 | 303.6013889 | Deploying | 2 | 6060 | 3.42 | 3 | 3.44 | 8.05 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:26 | 303.6017361 | Deploying | 2 | 6090 | 3.42 | 3 | 3.46 | 8 | 0 | 0 | 0 | 3 | 2 | 0 | 2 |
| 10/28/2016 14:27 | 303.6020833 | Deploying | 2 | 6120 | 3.43 | 3 | 3.48 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:27 | 303.6023032 | Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:27 | 303.6024306 | Deploying | 2 | 6150 | 3.45 | 3.06 | 3.49 | 8.02 | 2247 | 1642 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 14:28 | 303.6027778 | Deploying | 2 | 6180 | 3.5 | 3.06 | 3.51 | 8.02 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:28 | 303.6031250 | Deploying | 2 | 6210 | 3.49 | 3.06 | 3.53 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:29 | 303.6034722 | Deploying | 2 | 6240 | 3.5 | 3.06 | 3.54 | 8 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 14:29 | 303.6038194 | Deploying | 2 | 6270 | 3.5 | 3.06 | 3.56 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:29 | 303.6038773 | Winding down 1708 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:30 | 303.6041667 | Deploying | 2 | 6300 | 3.54 | 3.12 | 3.58 | 8 | 2254 | 1648 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 14:30 | 303.6045139 | Deploying | 2 | 6330 | 3.56 | 3.12 | 3.59 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:31 | 303.6048611 | Deploying | 2 | 6360 | 3.57 | 3.12 | 3.61 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:31 | 303.6052083 | Deploying | 2 | 6390 | 3.57 | 3.12 | 3.63 | 8 | 0 | 0 | 0 | 3 | 1 | 0 | 1 |
| 10/28/2016 14:31 | 303.6052778 | Winding down 1722 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:32 | 303.6055556 | Deploying | 2 | 6420 | 3.61 | 3.19 | 3.65 | 8 | 2266 | 1710 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:32 | 303.6059028 | Deploying | 2 | 6450 | 3.62 | 3.19 | 3.66 | 8.03 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:33 | 303.6062500 | Deploying | 2 | 6480 | 3.64 | 3.19 | 3.68 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:33 | 303.6065856 | Winding down 1648 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:33 | 303.6065972 | Deploying | 2 | 6510 | 3.63 | 3.25 | 3.7 | 8 | 2218 | 1682 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:34 | 303.6069444 | Deploying | 2 | 6540 | 3.7 | 3.25 | 3.71 | 8 | 2218 | 230 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:34 | 303.6072917 | Deploying | 2 | 6570 | 3.7 | 3.25 | 3.73 | 8.02 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/28/2016 14:35 | 303.6076389 | Deploying | 2 | 6600 | 3.7 | 3.25 | 3.75 | 8.02 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 14:35 | 303.6079051 | Winding down 1713 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:35 | 303.6079861 | Deploying | 2 | 6630 | 3.71 | 3.32 | 3.76 | 7.98 | 2308 | 1700 | 0 | -1 | 2 | 0 | 2 |
| 10/28/2016 14:36 | 303.6083333 | Deploying | 2 | 6660 | 3.75 | 3.32 | 3.78 | 8 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:36 | 303.6086806 | Deploying | 2 | 6690 | 3.78 | 3.32 | 3.8 | 8.02 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:37 | 303.6090278 | Deploying | 2 | 6720 | 3.76 | 3.32 | 3.82 | 8.02 | 0 | 0 | 0 | -1 | 2 | 0 | 2 |
| 10/28/2016 14:37 | 303.6091435 | Winding down 1729 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:37 | 303.6093750 | Deploying | 2 | 6750 | 3.81 | 3.38 | 3.83 | 8.02 | 2201 | 1704 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:38 | 303.6097222 | Deploying | 2 | 6780 | 3.84 | 3.38 | 3.85 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:38 | 303.6100694 | Deploying | 2 | 6810 | 3.85 | 3.38 | 3.87 | 8.02 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 14:39 | 303.6104167 | Deploying | 2 | 6840 | 3.84 | 3.38 | 3.88 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:39 | 303.6107639 | Deploying | 2 | 6870 | 3.84 | 3.38 | 3.9 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:39 | 303.6107986 | Winding down 1455 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:40 | 303.6111111 | Deploying | 2 | 6900 | 3.89 | 3.44 | 3.92 | 7.98 | 2025 | 1635 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 14:40 | 303.6114583 | Deploying | 2 | 6930 | 3.91 | 3.44 | 3.93 | 8 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 14:41 | 303.6118056 | Deploying | 2 | 6960 | 3.9 | 3.44 | 3.95 | 7.98 | 0 | 0 | 0 | -1 | 2 | 0 | 2 |
| 10/28/2016 14:41 | 303.6119560 | Winding down 1521 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:41 | 303.6121528 | Deploying | 2 | 6990 | 3.93 | 3.49 | 3.97 | 8 | 2238 | 1680 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 14:42 | 303.6125000 | Deploying | 2 | 7020 | 3.97 | 3.49 | 3.99 | 8.02 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/28/2016 14:42 | 303.6128472 | Deploying | 2 | 7050 | 3.97 | 3.49 | 4 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:43 | 303.6131944 | Deploying | 2 | 7080 | 3.96 | 3.49 | 4.02 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:43 | 303.6132986 | Winding down 1515 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:43 | 303.6135417 | Deploying | 2 | 7110 | 4.01 | 3.55 | 4.04 | 8.03 | 2265 | 1665 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 14:44 | 303.6138889 | Deploying | 2 | 7140 | 4.02 | 3.55 | 4.05 | 8 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 14:44 | 303.6142361 | Deploying | 2 | 7170 | 4.04 | 3.55 | 4.07 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:45 | 303.6145833 | Deploying | 2 | 7200 | 4.03 | 3.55 | 4.09 | 7.97 | 0 | 0 | 0 | -2 | 2 | 0 | 2 |
| 10/28/2016 14:45 | 303.6147801 | Winding down 1828 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:45 | 303.6149306 | Deploying | 2 | 7230 | 4.06 | 3.62 | 4.1 | 8 | 2264 | 1684 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:46 | 303.6152778 | Deploying | 2 | 7260 | 4.08 | 3.62 | 4.12 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:46 | 303.6156250 | Deploying | 2 | 7290 | 4.11 | 3.62 | 4.14 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:47 | 303.6159722 | Deploying | 2 | 7320 | 4.1 | 3.62 | 4.16 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:47 | 303.6159954 | Winding down 1540 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:47 | 303.6163194 | Deploying | 2 | 7350 | 4.16 | 3.68 | 4.17 | 7.98 | 2077 | 1668 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:48 | 303.6166667 | Deploying | 2 | 7380 | 4.16 | 3.68 | 4.19 | 8.02 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:48 | 303.6170139 | Deploying | 2 | 7410 | 4.17 | 3.68 | 4.21 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:49 | 303.6173611 | Deploying | 2 | 7440 | 4.16 | 3.68 | 4.22 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:49 | 303.6174537 | Winding down 1750 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:49 | 303.6177083 | Deploying | 2 | 7470 | 4.22 | 3.75 | 4.24 | 7.98 | 2239 | 1688 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 14:50 | 303.6180556 | Deploying | 2 | 7500 | 4.23 | 3.75 | 4.26 | 8.02 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:50 | 303.6184028 | Deploying | 2 | 7530 | 4.24 | 3.75 | 4.27 | 7.98 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 14:51 | 303.6187500 | Deploying | 2 | 7560 | 4.22 | 3.75 | 4.29 | 7.98 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 14:51 | 303.6188426 | Winding down 1950 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:51 | 303.6190972 | Deploying | 2 | 7590 | 4.28 | 3.82 | 4.31 | 8.03 | 2328 | 1687 | 0 | 0 | 3 | 1 | 3 |
| 10/28/2016 14:52 | 303.6194444 | Deploying | 2 | 7620 | 4.32 | 3.82 | 4.33 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:52 | 303.6197917 | Deploying | 2 | 7650 | 4.32 | 3.82 | 4.34 | 8.02 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 14:53 | 303.6201389 | Deploying | 2 | 7680 | 4.32 | 3.82 | 4.36 | 7.98 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:53 | 303.6204861 | Deploying | 2 | 7710 | 4.31 | 3.82 | 4.38 | 7.98 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:53 | 303.6205671 | Winding down 1886 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 14:54 | 303.6208333 | Deploying | 2 | 7740 | 4.37 | 3.89 | 4.39 | 8 | 2275 | 1705 | 0 | -1 | 1 | 0 | 1 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:54 | 303.6211806 Deploying | 2 | 7770 | 4.38 | 3.89 | 4.41 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:55 | 303.6215278 Deploying | 2 | 7800 | 4.38 | 3.89 | 4.43 | 8 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 14:55 | 303.6216898 Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:55 | 303.6218750 Deploying | 2 | 7830 | 4.4 | 3.96 | 4.44 | 7.97 | 2246 | 1705 | 0 | 0 | 2 | 0 | 2 |
| 10/28/2016 14:56 | 303.6222222 Deploying | 2 | 7860 | 4.46 | 3.96 | 4.46 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:56 | 303.6225694 Deploying | 2 | 7890 | 4.45 | 3.96 | 4.48 | 8 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 14:57 | 303.6229167 Deploying | 2 | 7920 | 4.45 | 3.96 | 4.5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 14:57 | 303.6232523 Winding down 1723 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:57 | 303.6232639 Deploying | 2 | 7950 | 4.44 | 4.02 | 4.51 | 7.97 | 2225 | 1677 | 0 | 1 | 0 | 1 | 0 |
| 10/28/2016 14:58 | 303.6236111 Deploying | 2 | 7980 | 4.5 | 4.02 | 4.53 | 8.02 | 2225 | 199 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:58 | 303.6239583 Deploying | 2 | 8010 | 4.52 | 4.02 | 4.55 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 14:59 | 303.6243056 Deploying | 2 | 8040 | 4.51 | 4.02 | 4.56 | 8 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/28/2016 14:59 | 303.6243287 Winding down 1365 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:59 | 303.6246528 Deploying | 2 | 8070 | 4.58 | 4.08 | 4.58 | 8 | 2262 | 1668 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 15:00 | 303.6250000 Deploying | 2 | 8100 | 4.57 | 4.08 | 4.6 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 15:00 | 303.6253472 Deploying | 2 | 8130 | 4.58 | 4.08 | 4.61 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:01 | 303.6256944 Deploying | 2 | 8160 | 4.58 | 4.08 | 4.63 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:01 | 303.6258912 Winding down 2028 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:01 | 303.6260417 Deploying | 2 | 8190 | 4.6 | 4.15 | 4.65 | 8.02 | 2221 | 1646 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 15:02 | 303.6263889 Deploying | 2 | 8220 | 4.66 | 4.15 | 4.67 | 8.02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:02 | 303.6267361 Deploying | 2 | 8250 | 4.66 | 4.15 | 4.68 | 8 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 15:03 | 303.6270833 Deploying | 2 | 8280 | 4.67 | 4.15 | 4.7 | 8.02 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:03 | 303.6274306 Deploying | 2 | 8310 | 4.65 | 4.15 | 4.72 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:03 | 303.6274537 Winding down 1815 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:04 | 303.6277778 Deploying | 2 | 8340 | 4.72 | 4.22 | 4.73 | 8.02 | 2267 | 1687 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 15:04 | 303.6281250 Deploying | 2 | 8370 | 4.74 | 4.22 | 4.75 | 8.02 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:05 | 303.6284722 Deploying | 2 | 8400 | 4.74 | 4.22 | 4.77 | 8 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 15:05 | 303.6288194 Deploying | 2 | 8430 | 4.73 | 4.22 | 4.78 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:05 | 303.6289468 Winding down 1468 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:06 | 303.6291667 Deploying | 2 | 8460 | 4.78 | 4.28 | 4.8 | 8 | 2273 | 1707 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:06 | 303.6295139 Deploying | 2 | 8490 | 4.78 | 4.28 | 4.82 | 8 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/28/2016 15:07 | 303.6298611 Deploying | 2 | 8520 | 4.78 | 4.28 | 4.84 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:07 | 303.6301042 Winding down 1310 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:07 | 303.6302083 Deploying | 2 | 8550 | 4.81 | 4.33 | 4.85 | 7.98 | 2326 | 1689 | 0 | -1 | -2 | 0 | -2 |
| 10/28/2016 15:08 | 303.6305556 Deploying | 2 | 8580 | 4.84 | 4.33 | 4.87 | 8.03 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 15:08 | 303.6309028 Deploying | 2 | 8610 | 4.85 | 4.33 | 4.89 | 8 | 0 | 0 | 0 | 1 | 3 | 1 | 3 |
| 10/28/2016 15:09 | 303.6312500 Deploying | 2 | 8640 | 4.85 | 4.33 | 4.9 | 8 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 15:09 | 303.6314931 Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:09 | 303.6315972 Deploying | 2 | 8670 | 4.86 | 4.39 | 4.92 | 7.98 | 2342 | 1720 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:10 | 303.6319444 Deploying | 2 | 8700 | 4.91 | 4.39 | 4.94 | 8 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 10/28/2016 15:10 | 303.6322917 Deploying | 2 | 8730 | 4.92 | 4.39 | 4.95 | 8 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 15:11 | 303.6326389 Deploying | 2 | 8760 | 4.92 | 4.39 | 4.97 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:11 | 303.6327662 Winding down 1493 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:11 | 303.6329861 Deploying | 2 | 8790 | 4.97 | 4.45 | 4.99 | 7.97 | 2283 | 1688 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 15:12 | 303.6333333 Deploying | 2 | 8820 | 4.98 | 4.45 | 5.01 | 7.98 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:12 | 303.6336806 Deploying | 2 | 8850 | 4.99 | 4.45 | 5.02 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:13 | 303.6340278 Deploying | 2 | 8880 | 4.98 | 4.45 | 5.04 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:13 | 303.6341319 Winding down 1340 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:13 | 303.6343750 Deploying | 2 | 8910 | 5.04 | 4.5 | 5.06 | 7.97 | 2340 | 1763 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:14 | 303.6347222 Deploying | 2 | 8940 | 5.06 | 4.5 | 5.07 | 7.97 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 15:14 | 303.6350694 Deploying | 2 | 8970 | 5.04 | 4.5 | 5.09 | 8 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 15:14 | 303.6353472 Winding down 1752 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:15 | 303.6354167 Deploying | 2 | 9000 | 5.04 | 4.57 | 5.11 | 8 | 2185 | 1656 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:15 | 303.6357639 Deploying | 2 | 9030 | 5.1 | 4.57 | 5.12 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:16 | 303.6361111 Deploying | 2 | 9060 | 5.1 | 4.57 | 5.14 | 8 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:16 | 303.6364583 Deploying | 2 | 9090 | 5.11 | 4.57 | 5.16 | 7.98 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 15:16 | 303.6366551 Winding down 1753 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:17 | 303.6368056 Deploying | 2 | 9120 | 5.13 | 4.63 | 5.18 | 8.02 | 2187 | 1646 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 15:17 | 303.6371528 Deploying | 2 | 9150 | 5.19 | 4.63 | 5.19 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:18 | 303.6375000 Deploying | 2 | 9180 | 5.16 | 4.63 | 5.21 | 8 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 15:18 | 303.6377778 Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:18 | 303.6378472 Deploying | 2 | 9210 | 5.18 | 4.7 | 5.23 | 8 | 2254 | 1632 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:19 | 303.6381944 Deploying | 2 | 9240 | 5.23 | 4.7 | 5.24 | 7.97 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 15:19 | 303.6385417 Deploying | 2 | 9270 | 5.24 | 4.7 | 5.26 | 7.97 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 15:20 | 303.6388889 Deploying | 2 | 9300 | 5.26 | 4.7 | 5.28 | 7.98 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 15:20 | 303.6392361 Deploying | 2 | 9330 | 5.24 | 4.7 | 5.29 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:20 | 303.6394792 Winding down 1835 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:21 | 303.6395833 Deploying | 2 | 9360 | 5.26 | 4.77 | 5.31 | 7.98 | 2287 | 1743 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:21 | 303.6399306 Deploying | 2 | 9390 | 5.31 | 4.77 | 5.33 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:22 | 303.6402778 Deploying | 2 | 9420 | 5.32 | 4.77 | 5.35 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:22 | 303.6406250 Deploying | 2 | 9450 | 5.31 | 4.77 | 5.36 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:22 | 303.6408449 Winding down 1406 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:23 | 303.6409722 Deploying | 2 | 9480 | 5.34 | 4.82 | 5.38 | 7.98 | 2278 | 1704 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:23 | 303.6413194 Deploying | 2 | 9510 | 5.37 | 4.82 | 5.4 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 15:24 | 303.6416667 Deploying | 2 | 9540 | 5.39 | 4.82 | 5.41 | 8 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 15:24 | 303.6420139 Deploying | 2 | 9570 | 5.38 | 4.82 | 5.43 | 7.98 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 15:24 | 303.6423495 Winding down 2048 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:25 | 303.6423611 Deploying | 2 | 9600 | 5.37 | 4.9 | 5.45 | 8 | 2337 | 1721 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:25 | 303.6427083 Deploying | 2 | 9630 | 5.48 | 4.9 | 5.46 | 7.98 | 2337 | 191 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:26 | 303.6430556 Deploying | 2 | 9660 | 5.47 | 4.9 | 5.48 | 7.98 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 15:26 | 303.6434028 Deploying | 2 | 9690 | 5.47 | 4.9 | 5.5 | 7.98 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 15:27 | 303.6437500 Deploying | 2 | 9720 | 5.47 | 4.9 | 5.52 | 7.97 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 10/28/2016 15:27 | 303.6440741 Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:27 | 303.6440972 Deploying | 2 | 9750 | 5.48 | 4.96 | 5.53 | 7.86 | 2207 | 1661 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 15:28 | 303.6444444 Deploying | 2 | 9780 | 5.53 | 4.96 | 5.55 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:28 | 303.6447917 Deploying | 2 | 9810 | 5.51 | 4.96 | 5.57 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:28 | 303.6449769 Winding down 1414 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:29 | 303.6451389 Deploying | 2 | 9840 | 5.56 | 5.01 | 5.58 | 8.02 | 2249 | 1693 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:29 | 303.6454861 Deploying | 2 | 9870 | 5.59 | 5.01 | 5.6 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:30 | 303.6458333 Deploying | 2 | 9900 | 5.59 | 5.01 | 5.62 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:30 | 303.6461806 Deploying | 2 | 9930 | 5.6 | 5.01 | 5.63 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 15:31 | 303.6465278 Deploying | 2 | 9960 | 5.58 | 5.01 | 5.65 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:31 | 303.6465625 Winding down 1880 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:31 | 303.6468750 Deploying | 2 | 9990 | 5.66 | 5.08 | 5.67 | 7.98 | 2204 | 1680 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:32 | 303.6472222 Deploying | 2 | 10020 | 5.66 | 5.08 | 5.69 | 7.98 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 10/28/2016 15:32 | 303.6475694 Deploying | 2 | 10050 | 5.65 | 5.08 | 5.7 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:32 | 303.6476968 Winding down 1668 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:33 | 303.6479167 Deploying | 2 | 10080 | 5.68 | 5.14 | 5.72 | 7.97 | 2148 | 1649 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 15:33 | 303.6482639 Deploying | 2 | 10110 | 5.73 | 5.14 | 5.74 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 15:34 | 303.6486111 Deploying | 2 | 10140 | 5.73 | 5.14 | 5.75 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:34 | 303.6489583 Deploying | 2 | 10170 | 5.74 | 5.14 | 5.77 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:35 | 303.6493056 Deploying | 2 | 10200 | 5.73 | 5.14 | 5.79 | 8.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:35 | 303.6494444 Winding down 1682 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:35 | 303.6496528 Deploying | 2 | 10230 | 5.75 | 5.21 | 5.8 | 7.98 | 2226 | 1669 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:36 | 303.6500000 Deploying | 2 | 10260 | 5.8 | 5.21 | 5.82 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:36 | 303.6503472 Deploying | 2 | 10290 | 5.8 | 5.21 | 5.84 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:36 | 303.6506713 Winding down 1484 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:37 | 303.6506944 Deploying | 2 | 10320 | 5.8 | 5.27 | 5.86 | 7.87 | 2231 | 1700 | 0 | 0 | 1 | 0 | 1 |

| Date/Time | Value | Status | Col | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 | V10 | V11 | V12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:37 | 303.6510417 | Deploying | 2 | 10350 | 5.85 | 5.27 | 5.87 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:38 | 303.6513889 | Deploying | 2 | 10380 | 5.84 | 5.27 | 5.89 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:38 | 303.6516319 | Winding down 1335 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:38 | 303.6517361 | Deploying | 2 | 10410 | 5.87 | 5.32 | 5.91 | 7.98 | 2285 | 1694 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 15:39 | 303.6520833 | Deploying | 2 | 10440 | 5.91 | 5.32 | 5.92 | 7.97 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 15:39 | 303.6524306 | Deploying | 2 | 10470 | 5.89 | 5.32 | 5.94 | 7.97 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:40 | 303.6527778 | Deploying | 2 | 10500 | 5.91 | 5.32 | 5.96 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:40 | 303.6528935 | Winding down 1404 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:40 | 303.6531250 | Deploying | 2 | 10530 | 5.95 | 5.37 | 5.97 | 7.97 | 2337 | 1705 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:41 | 303.6534722 | Deploying | 2 | 10560 | 5.97 | 5.37 | 5.99 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:41 | 303.6538194 | Deploying | 2 | 10590 | 5.96 | 5.37 | 6.01 | 7.98 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/28/2016 15:41 | 303.6541435 | Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:42 | 303.6541667 | Deploying | 2 | 10620 | 5.97 | 5.43 | 6.03 | 7.86 | 2276 | 1645 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:42 | 303.6545139 | Deploying | 2 | 10650 | 6 | 5.43 | 6.04 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:43 | 303.6548611 | Deploying | 2 | 10680 | 6.03 | 5.43 | 6.06 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:43 | 303.6551968 | Winding down 1473 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:43 | 303.6552083 | Deploying | 2 | 10710 | 6.02 | 5.48 | 6.08 | 7.97 | 2340 | 1696 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:44 | 303.6555556 | Deploying | 2 | 10740 | 6.07 | 5.48 | 6.09 | 7.98 | 2340 | 217 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 15:44 | 303.6559028 | Deploying | 2 | 10770 | 6.07 | 5.48 | 6.11 | 7.97 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 15:45 | 303.6562500 | Deploying | 2 | 10800 | 6.08 | 5.48 | 6.13 | 7.98 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/28/2016 15:45 | 303.6565394 | Winding down 1891 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:45 | 303.6565972 | Deploying | 2 | 10830 | 6.08 | 5.56 | 6.14 | 7.98 | 2256 | 1675 | 0 | 0 | 2 | 0 | 2 |
| 10/28/2016 15:46 | 303.6569444 | Deploying | 2 | 10860 | 6.15 | 5.56 | 6.16 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:46 | 303.6572917 | Deploying | 2 | 10890 | 6.14 | 5.56 | 6.18 | 7.97 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 15:47 | 303.6576389 | Deploying | 2 | 10920 | 6.15 | 5.56 | 6.2 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:47 | 303.6579861 | Deploying | 2 | 10950 | 6.15 | 5.56 | 6.21 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:47 | 303.6580556 | Winding down 1822 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:48 | 303.6583333 | Deploying | 2 | 10980 | 6.21 | 5.63 | 6.23 | 7.98 | 2233 | 1716 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 15:48 | 303.6586806 | Deploying | 2 | 11010 | 6.22 | 5.63 | 6.25 | 7.98 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 15:49 | 303.6590278 | Deploying | 2 | 11040 | 6.22 | 5.63 | 6.26 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:49 | 303.6593750 | Deploying | 2 | 11070 | 6.24 | 5.63 | 6.28 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:49 | 303.6596875 | Winding down 1970 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:50 | 303.6597222 | Deploying | 2 | 11100 | 6.22 | 5.7 | 6.3 | 7.84 | 2270 | 1728 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:50 | 303.6600694 | Deploying | 2 | 11130 | 6.31 | 5.7 | 6.31 | 7.98 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 15:51 | 303.6604167 | Deploying | 2 | 11160 | 6.32 | 5.7 | 6.33 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:51 | 303.6607639 | Deploying | 2 | 11190 | 6.32 | 5.7 | 6.35 | 7.95 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 15:52 | 303.6611111 | Deploying | 2 | 11220 | 6.32 | 5.7 | 6.37 | 7.98 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 15:52 | 303.6613310 | Winding down 1656 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:52 | 303.6614583 | Deploying | 2 | 11250 | 6.34 | 5.76 | 6.38 | 7.98 | 2247 | 1682 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:53 | 303.6618056 | Deploying | 2 | 11280 | 6.37 | 5.76 | 6.4 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:53 | 303.6621528 | Deploying | 2 | 11310 | 6.38 | 5.76 | 6.42 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:54 | 303.6625000 | Deploying | 2 | 11340 | 6.38 | 5.76 | 6.43 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:54 | 303.6626736 | Winding down 1350 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:54 | 303.6628472 | Deploying | 2 | 11370 | 6.41 | 5.82 | 6.45 | 7.98 | 2143 | 1649 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:55 | 303.6631944 | Deploying | 2 | 11400 | 6.45 | 5.82 | 6.47 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:55 | 303.6635417 | Deploying | 2 | 11430 | 6.44 | 5.82 | 6.48 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:55 | 303.6638773 | Winding down 1473 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:56 | 303.6638889 | Deploying | 2 | 11460 | 6.44 | 5.87 | 6.5 | 7.97 | 2244 | 1661 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:56 | 303.6642361 | Deploying | 2 | 11490 | 6.49 | 5.87 | 6.52 | 7.97 | 2244 | 220 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 15:57 | 303.6645833 | Deploying | 2 | 11520 | 6.51 | 5.87 | 6.54 | 7.97 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:57 | 303.6649306 | Deploying | 2 | 11550 | 6.49 | 5.87 | 6.55 | 7.98 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 15:57 | 303.6649884 | Winding down 1483 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:58 | 303.6652778 | Deploying | 2 | 11580 | 6.54 | 5.93 | 6.57 | 7.98 | 2257 | 1683 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 15:58 | 303.6656250 | Deploying | 2 | 11610 | 6.56 | 5.93 | 6.59 | 7.98 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:59 | 303.6659722 Deploying | 2 | 11640 | 6.56 | 5.93 | 6.6 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:59 | 303.6663194 Deploying | 2 | 11670 | 6.56 | 5.93 | 6.62 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 15:59 | 303.6663889 Winding down 1572 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:00 | 303.6666667 Deploying | 2 | 11700 | 6.62 | 5.99 | 6.64 | 7.95 | 2319 | 1673 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:00 | 303.6670139 Deploying | 2 | 11730 | 6.62 | 5.99 | 6.65 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:01 | 303.6673611 Deploying | 2 | 11760 | 6.62 | 5.99 | 6.67 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:01 | 303.6676389 Winding down 1552 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:01 | 303.6677083 Deploying | 2 | 11790 | 6.64 | 6.05 | 6.69 | 7.95 | 2274 | 1672 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:02 | 303.6680556 Deploying | 2 | 11820 | 6.69 | 6.05 | 6.71 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:02 | 303.6684028 Deploying | 2 | 11850 | 6.69 | 6.05 | 6.72 | 7.98 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 16:03 | 303.6687500 Deploying | 2 | 11880 | 6.69 | 6.05 | 6.74 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:03 | 303.6689931 Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:03 | 303.6690972 Deploying | 2 | 11910 | 6.71 | 6.11 | 6.76 | 7.94 | 2261 | 1672 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 16:04 | 303.6694444 Deploying | 2 | 11940 | 6.76 | 6.11 | 6.77 | 7.95 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:04 | 303.6697917 Deploying | 2 | 11970 | 6.76 | 6.11 | 6.79 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:05 | 303.6701389 Deploying | 2 | 12000 | 6.74 | 6.11 | 6.81 | 7.98 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 16:05 | 303.6702546 Winding down 1854 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:05 | 303.6704861 Deploying | 2 | 12030 | 6.8 | 6.18 | 6.82 | 7.95 | 2247 | 1670 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 16:06 | 303.6708333 Deploying | 2 | 12060 | 6.83 | 6.18 | 6.84 | 7.94 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/28/2016 16:06 | 303.6711806 Deploying | 2 | 12090 | 6.82 | 6.18 | 6.86 | 7.97 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:06 | 303.6715162 Winding down 1398 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:07 | 303.6715278 Deploying | 2 | 12120 | 6.82 | 6.23 | 6.88 | 7.94 | 2338 | 1706 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:07 | 303.6718750 Deploying | 2 | 12150 | 6.86 | 6.23 | 6.89 | 7.95 | 2338 | 216 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 16:08 | 303.6722222 Deploying | 2 | 12180 | 6.89 | 6.23 | 6.91 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:08 | 303.6725694 Deploying | 2 | 12210 | 6.86 | 6.23 | 6.93 | 7.95 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:08 | 303.6726157 Winding down 1544 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:09 | 303.6729167 Deploying | 2 | 12240 | 6.92 | 6.29 | 6.94 | 7.97 | 2318 | 1720 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:09 | 303.6732639 Deploying | 2 | 12270 | 6.94 | 6.29 | 6.96 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:10 | 303.6736111 Deploying | 2 | 12300 | 6.94 | 6.29 | 6.98 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:10 | 303.6739583 Deploying | 2 | 12330 | 6.93 | 6.29 | 6.99 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:10 | 303.6740394 Winding down 1936 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:11 | 303.6743056 Deploying | 2 | 12360 | 7 | 6.36 | 7.01 | 7.95 | 2273 | 1683 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:11 | 303.6746528 Deploying | 2 | 12390 | 7.02 | 6.36 | 7.03 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:12 | 303.6750000 Deploying | 2 | 12420 | 7.02 | 6.36 | 7.05 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:12 | 303.6753472 Deploying | 2 | 12450 | 7.03 | 6.36 | 7.06 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:13 | 303.6756944 Deploying | 2 | 12480 | 7.02 | 6.36 | 7.08 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:13 | 303.6757986 Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:13 | 303.6760417 Deploying | 2 | 12510 | 7.08 | 6.42 | 7.1 | 7.95 | 2256 | 1719 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:14 | 303.6763889 Deploying | 2 | 12540 | 7.09 | 6.42 | 7.11 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:14 | 303.6767361 Deploying | 2 | 12570 | 7.09 | 6.42 | 7.13 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:15 | 303.6770833 Deploying | 2 | 12600 | 7.09 | 6.42 | 7.15 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:15 | 303.6772222 Winding down 1957 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:15 | 303.6774306 Deploying | 2 | 12630 | 7.12 | 6.5 | 7.16 | 7.94 | 2317 | 1683 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:16 | 303.6777778 Deploying | 2 | 12660 | 7.16 | 6.5 | 7.18 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 16:16 | 303.6781250 Deploying | 2 | 12690 | 7.16 | 6.5 | 7.2 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:17 | 303.6784722 Deploying | 2 | 12720 | 7.15 | 6.5 | 7.22 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:17 | 303.6785417 Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:17 | 303.6788194 Deploying | 2 | 12750 | 7.22 | 6.56 | 7.23 | 7.95 | 2253 | 1669 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:18 | 303.6791667 Deploying | 2 | 12780 | 7.23 | 6.56 | 7.25 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:18 | 303.6795139 Deploying | 2 | 12810 | 7.23 | 6.56 | 7.27 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:18 | 303.6798264 Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:19 | 303.6798611 Deploying | 2 | 12840 | 7.22 | 6.62 | 7.28 | 7.94 | 2313 | 1671 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:19 | 303.6802083 Deploying | 2 | 12870 | 7.29 | 6.62 | 7.3 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:20 | 303.6805556 Deploying | 2 | 12900 | 7.3 | 6.62 | 7.32 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:20 | 303.6809028 | Deploying | 2 | 12930 | 7.3 | 6.62 | 7.33 | 7.97 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:21 | 303.6812500 | Deploying | 2 | 12960 | 7.3 | 6.62 | 7.35 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:21 | 303.6814352 | Winding down 1514 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:21 | 303.6815972 | Deploying | 2 | 12990 | 7.33 | 6.68 | 7.37 | 7.95 | 2087 | 1678 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:22 | 303.6819444 | Deploying | 2 | 13020 | 7.35 | 6.68 | 7.39 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:22 | 303.6822917 | Deploying | 2 | 13050 | 7.36 | 6.68 | 7.4 | 7.97 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:23 | 303.6826389 | Deploying | 2 | 13080 | 7.36 | 6.68 | 7.42 | 7.95 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:23 | 303.6827315 | Winding down 1850 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:23 | 303.6829861 | Deploying | 2 | 13110 | 7.4 | 6.75 | 7.44 | 7.95 | 2304 | 1721 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:24 | 303.6833333 | Deploying | 2 | 13140 | 7.42 | 6.75 | 7.45 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:24 | 303.6836806 | Deploying | 2 | 13170 | 7.43 | 6.75 | 7.47 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:25 | 303.6840278 | Deploying | 2 | 13200 | 7.43 | 6.75 | 7.49 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:25 | 303.6842130 | Winding down 1639 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:25 | 303.6843750 | Deploying | 2 | 13230 | 7.45 | 6.81 | 7.5 | 7.94 | 2206 | 1676 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 16:26 | 303.6847222 | Deploying | 2 | 13260 | 7.5 | 6.81 | 7.52 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:26 | 303.6850694 | Deploying | 2 | 13290 | 7.5 | 6.81 | 7.54 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:27 | 303.6854167 | Deploying | 2 | 13320 | 7.51 | 6.81 | 7.56 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:27 | 303.6855671 | Winding down 1546 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:27 | 303.6857639 | Deploying | 2 | 13350 | 7.53 | 6.87 | 7.57 | 7.92 | 2262 | 1678 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 16:28 | 303.6861111 | Deploying | 2 | 13380 | 7.55 | 6.87 | 7.59 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:28 | 303.6864583 | Deploying | 2 | 13410 | 7.56 | 6.87 | 7.61 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:28 | 303.6866898 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:29 | 303.6868056 | Deploying | 2 | 13440 | 7.57 | 6.94 | 7.62 | 7.94 | 2256 | 1679 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:29 | 303.6871528 | Deploying | 2 | 13470 | 7.62 | 6.94 | 7.64 | 7.95 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 10/28/2016 16:30 | 303.6875000 | Deploying | 2 | 13500 | 7.6 | 6.94 | 7.66 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:30 | 303.6876852 | Winding down 1314 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:30 | 303.6878472 | Deploying | 2 | 13530 | 7.66 | 6.99 | 7.67 | 7.92 | 2344 | 1695 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:31 | 303.6881944 | Deploying | 2 | 13560 | 7.67 | 6.99 | 7.69 | 7.97 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 16:31 | 303.6885417 | Deploying | 2 | 13590 | 7.68 | 6.99 | 7.71 | 7.92 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 16:32 | 303.6888889 | Deploying | 2 | 13620 | 7.67 | 6.99 | 7.73 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:32 | 303.6890509 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:32 | 303.6892361 | Deploying | 2 | 13650 | 7.71 | 7.05 | 7.74 | 7.92 | 2237 | 1670 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:33 | 303.6895833 | Deploying | 2 | 13680 | 7.73 | 7.05 | 7.76 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:33 | 303.6899306 | Deploying | 2 | 13710 | 7.74 | 7.05 | 7.78 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:34 | 303.6902778 | Deploying | 2 | 13740 | 7.75 | 7.05 | 7.79 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:34 | 303.6906250 | Deploying | 2 | 13770 | 7.75 | 7.05 | 7.81 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:34 | 303.6906481 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:35 | 303.6909722 | Deploying | 2 | 13800 | 7.8 | 7.11 | 7.83 | 7.94 | 2311 | 1723 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:35 | 303.6913194 | Deploying | 2 | 13830 | 7.8 | 7.11 | 7.84 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:36 | 303.6916667 | Deploying | 2 | 13860 | 7.8 | 7.11 | 7.86 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:36 | 303.6916898 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:36 | 303.6920139 | Deploying | 2 | 13890 | 7.86 | 7.17 | 7.88 | 7.94 | 2196 | 1701 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:37 | 303.6923611 | Deploying | 2 | 13920 | 7.88 | 7.17 | 7.9 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:37 | 303.6927083 | Deploying | 2 | 13950 | 7.87 | 7.17 | 7.91 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:38 | 303.6930556 | Deploying | 2 | 13980 | 7.87 | 7.17 | 7.93 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:38 | 303.6930903 | Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:38 | 303.6934028 | Deploying | 2 | 14010 | 7.94 | 7.23 | 7.95 | 7.95 | 2238 | 1651 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:39 | 303.6937500 | Deploying | 2 | 14040 | 7.94 | 7.23 | 7.96 | 7.95 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:39 | 303.6940972 | Deploying | 2 | 14070 | 7.93 | 7.23 | 7.98 | 7.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:39 | 303.6943519 | Winding down 1524 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:40 | 303.6944444 | Deploying | 2 | 14100 | 7.95 | 7.29 | 8 | 7.9 | 2219 | 1684 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 16:40 | 303.6947917 | Deploying | 2 | 14130 | 8 | 7.29 | 8.01 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 16:41 | 303.6951389 | Deploying | 2 | 14160 | 7.99 | 7.29 | 8.03 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:41 | 303.6954745 | Winding down 1748 ticks | 3 | | | | | | | | | | | | |

| Date | Value / Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:41 | 303.6954861 Deploying | 2 | 14190 | 7.98 | 7.36 | 8.05 | 7.87 | 2334 | 1689 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:42 | 303.6958333 Deploying | 2 | 14220 | 8.05 | 7.36 | 8.07 | 7.9 | 2334 | 248 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:42 | 303.6961806 Deploying | 2 | 14250 | 8.05 | 7.36 | 8.08 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 16:43 | 303.6965278 Deploying | 2 | 14280 | 8.06 | 7.36 | 8.1 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:43 | 303.6968519 Winding down 1809 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6968750 Deploying | 2 | 14310 | 8.05 | 7.43 | 8.12 | 7.83 | 2210 | 1682 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:44 | 303.6972222 Deploying | 2 | 14340 | 8.11 | 7.43 | 8.13 | 7.92 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:44 | 303.6975694 Deploying | 2 | 14370 | 8.12 | 7.43 | 8.15 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 16:45 | 303.6979167 Deploying | 2 | 14400 | 8.13 | 7.43 | 8.17 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 16:45 | 303.6982639 Deploying | 2 | 14430 | 8.13 | 7.43 | 8.18 | 7.95 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 16:45 | 303.6982639 Winding down 1312 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:46 | 303.6986111 Deploying | 2 | 14460 | 8.19 | 7.48 | 8.2 | 7.95 | 2177 | 1650 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:46 | 303.6989583 Deploying | 2 | 14490 | 8.18 | 7.48 | 8.22 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:47 | 303.6993056 Deploying | 2 | 14520 | 8.17 | 7.48 | 8.24 | 7.94 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:47 | 303.6994907 Winding down 1789 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:47 | 303.6996528 Deploying | 2 | 14550 | 8.23 | 7.55 | 8.25 | 7.95 | 2266 | 1684 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:48 | 303.7000000 Deploying | 2 | 14580 | 8.26 | 7.55 | 8.27 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:48 | 303.7003472 Deploying | 2 | 14610 | 8.26 | 7.55 | 8.29 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:49 | 303.7006944 Deploying | 2 | 14640 | 8.24 | 7.55 | 8.3 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:49 | 303.7007986 Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:49 | 303.7010417 Deploying | 2 | 14670 | 8.3 | 7.61 | 8.32 | 7.92 | 2262 | 1649 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:50 | 303.7013889 Deploying | 2 | 14700 | 8.34 | 7.61 | 8.34 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:50 | 303.7017361 Deploying | 2 | 14730 | 8.32 | 7.61 | 8.35 | 7.92 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 16:51 | 303.7020833 Deploying | 2 | 14760 | 8.33 | 7.61 | 8.37 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 16:51 | 303.7023264 Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:51 | 303.7024306 Deploying | 2 | 14790 | 8.34 | 7.67 | 8.39 | 7.95 | 2158 | 1669 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:52 | 303.7027778 Deploying | 2 | 14820 | 8.39 | 7.67 | 8.41 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:52 | 303.7031250 Deploying | 2 | 14850 | 8.39 | 7.67 | 8.42 | 7.95 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 16:53 | 303.7034722 Deploying | 2 | 14880 | 8.38 | 7.67 | 8.44 | 7.92 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/28/2016 16:53 | 303.7036458 Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:53 | 303.7038194 Deploying | 2 | 14910 | 8.41 | 7.73 | 8.46 | 7.92 | 2311 | 1707 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 16:54 | 303.7041667 Deploying | 2 | 14940 | 8.45 | 7.73 | 8.47 | 7.94 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 16:54 | 303.7045139 Deploying | 2 | 14970 | 8.44 | 7.73 | 8.49 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:54 | 303.7047222 Winding down 1267 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:55 | 303.7048611 Deploying | 2 | 15000 | 8.48 | 7.78 | 8.51 | 7.94 | 2195 | 1693 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 16:55 | 303.7052083 Deploying | 2 | 15030 | 8.51 | 7.78 | 8.52 | 7.95 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 16:56 | 303.7055556 Deploying | 2 | 15060 | 8.51 | 7.78 | 8.54 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:56 | 303.7059028 Deploying | 2 | 15090 | 8.5 | 7.78 | 8.56 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 16:56 | 303.7061690 Winding down 1813 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:57 | 303.7062500 Deploying | 2 | 15120 | 8.52 | 7.85 | 8.58 | 7.94 | 2317 | 1657 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:57 | 303.7065972 Deploying | 2 | 15150 | 8.58 | 7.85 | 8.59 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:58 | 303.7069444 Deploying | 2 | 15180 | 8.57 | 7.85 | 8.61 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:58 | 303.7072917 Deploying | 2 | 15210 | 8.57 | 7.85 | 8.63 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 16:58 | 303.7073958 Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:59 | 303.7076389 Deploying | 2 | 15240 | 8.61 | 7.91 | 8.64 | 7.95 | 2235 | 1668 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 16:59 | 303.7079861 Deploying | 2 | 15270 | 8.65 | 7.91 | 8.66 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:00 | 303.7083333 Deploying | 2 | 15300 | 8.64 | 7.91 | 8.68 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:00 | 303.7086806 Deploying | 2 | 15330 | 8.66 | 7.91 | 8.69 | 7.92 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 17:01 | 303.7090278 Deploying | 2 | 15360 | 8.65 | 7.91 | 8.71 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:01 | 303.7090625 Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:01 | 303.7093750 Deploying | 2 | 15390 | 8.7 | 7.98 | 8.73 | 7.92 | 2260 | 1673 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:02 | 303.7097222 Deploying | 2 | 15420 | 8.72 | 7.98 | 8.75 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:02 | 303.7100694 Deploying | 2 | 15450 | 8.7 | 7.98 | 8.76 | 7.94 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 17:02 | 303.7101273 Winding down 1633 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:03 | 303.7104167 | Deploying | 2 | 15480 | 8.76 | 8.04 | 8.78 | 7.92 | 2299 | 1731 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:03 | 303.7107639 | Deploying | 2 | 15510 | 8.77 | 8.04 | 8.8 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:04 | 303.7111111 | Deploying | 2 | 15540 | 8.77 | 8.04 | 8.81 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:04 | 303.7114583 | Deploying | 2 | 15570 | 8.77 | 8.04 | 8.83 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:04 | 303.7115278 | Winding down 1622 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:05 | 303.7118056 | Deploying | 2 | 15600 | 8.82 | 8.1 | 8.85 | 7.97 | 2205 | 1680 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:05 | 303.7121528 | Deploying | 2 | 15630 | 8.83 | 8.1 | 8.86 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:06 | 303.7125000 | Deploying | 2 | 15660 | 8.84 | 8.1 | 8.88 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:06 | 303.7128472 | Deploying | 2 | 15690 | 8.84 | 8.1 | 8.9 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:06 | 303.7129398 | Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:07 | 303.7131944 | Deploying | 2 | 15720 | 8.89 | 8.17 | 8.92 | 7.92 | 2233 | 1675 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:07 | 303.7135417 | Deploying | 2 | 15750 | 8.89 | 8.17 | 8.93 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:08 | 303.7138889 | Deploying | 2 | 15780 | 8.9 | 8.17 | 8.95 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:08 | 303.7140741 | Winding down 1439 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:08 | 303.7142361 | Deploying | 2 | 15810 | 8.94 | 8.23 | 8.97 | 7.94 | 2327 | 1678 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:09 | 303.7145833 | Deploying | 2 | 15840 | 8.96 | 8.23 | 8.98 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:09 | 303.7149306 | Deploying | 2 | 15870 | 8.96 | 8.23 | 9 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:10 | 303.7152778 | Deploying | 2 | 15900 | 8.94 | 8.23 | 9.02 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:10 | 303.7154167 | Winding down 1907 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:10 | 303.7156250 | Deploying | 2 | 15930 | 8.99 | 8.3 | 9.03 | 7.92 | 2174 | 1655 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 17:11 | 303.7159722 | Deploying | 2 | 15960 | 9.04 | 8.3 | 9.05 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:11 | 303.7163194 | Deploying | 2 | 15990 | 9.02 | 8.3 | 9.07 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:11 | 303.7166088 | Winding down 1766 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:12 | 303.7166667 | Deploying | 2 | 16020 | 9.02 | 8.37 | 9.09 | 7.9 | 2206 | 1673 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:12 | 303.7170139 | Deploying | 2 | 16050 | 9.09 | 8.37 | 9.1 | 7.94 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 17:13 | 303.7173611 | Deploying | 2 | 16080 | 9.1 | 8.37 | 9.12 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:13 | 303.7177083 | Deploying | 2 | 16110 | 9.1 | 8.37 | 9.14 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:14 | 303.7180556 | Deploying | 2 | 16140 | 9.11 | 8.37 | 9.15 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:14 | 303.7183218 | Winding down 1888 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:14 | 303.7184028 | Deploying | 2 | 16170 | 9.12 | 8.44 | 9.17 | 7.95 | 2204 | 1694 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:15 | 303.7187500 | Deploying | 2 | 16200 | 9.18 | 8.44 | 9.19 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:15 | 303.7190972 | Deploying | 2 | 16230 | 9.18 | 8.44 | 9.2 | 7.97 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:16 | 303.7194444 | Deploying | 2 | 16260 | 9.18 | 8.44 | 9.22 | 7.95 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:16 | 303.7197917 | Deploying | 2 | 16290 | 9.18 | 8.44 | 9.24 | 7.94 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/28/2016 17:16 | 303.7197917 | Winding down 1537 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:17 | 303.7201389 | Deploying | 2 | 16320 | 9.24 | 8.5 | 9.26 | 7.92 | 2061 | 1657 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:17 | 303.7204861 | Deploying | 2 | 16350 | 9.24 | 8.5 | 9.27 | 7.92 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 17:18 | 303.7208333 | Deploying | 2 | 16380 | 9.26 | 8.5 | 9.29 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:18 | 303.7211806 | Deploying | 2 | 16410 | 9.24 | 8.5 | 9.31 | 7.94 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/28/2016 17:18 | 303.7212963 | Winding down 1704 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:19 | 303.7215278 | Deploying | 2 | 16440 | 9.29 | 8.56 | 9.32 | 7.9 | 2322 | 1702 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 17:19 | 303.7218750 | Deploying | 2 | 16470 | 9.31 | 8.56 | 9.34 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:20 | 303.7222222 | Deploying | 2 | 16500 | 9.31 | 8.56 | 9.36 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:20 | 303.7225000 | Winding down 1727 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:20 | 303.7225694 | Deploying | 2 | 16530 | 9.31 | 8.63 | 9.37 | 7.95 | 2251 | 1677 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:21 | 303.7229167 | Deploying | 2 | 16560 | 9.38 | 8.63 | 9.39 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:21 | 303.7232639 | Deploying | 2 | 16590 | 9.38 | 8.63 | 9.41 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:22 | 303.7236111 | Deploying | 2 | 16620 | 9.37 | 8.63 | 9.43 | 7.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:22 | 303.7237616 | Winding down 1721 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:22 | 303.7239583 | Deploying | 2 | 16650 | 9.41 | 8.7 | 9.44 | 7.94 | 2292 | 1684 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:23 | 303.7243056 | Deploying | 2 | 16680 | 9.45 | 8.7 | 9.46 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:23 | 303.7246528 | Deploying | 2 | 16710 | 9.45 | 8.7 | 9.48 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:24 | 303.7250000 | Deploying | 2 | 16740 | 9.46 | 8.7 | 9.49 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:24 | 303.7253472 | Deploying | 2 | 16770 | 9.44 | 8.7 | 9.51 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

| Date/Time | Value | Status | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:24 | 303.7254051 | Winding down 1883 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:25 | 303.7256944 | Deploying | 2 | 16800 | 9.51 | 8.77 | 9.53 | 7.97 | 2274 | 1706 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 17:25 | 303.7260417 | Deploying | 2 | 16830 | 9.51 | 8.77 | 9.54 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 17:26 | 303.7263889 | Deploying | 2 | 16860 | 9.54 | 8.77 | 9.56 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:26 | 303.7267361 | Deploying | 2 | 16890 | 9.52 | 8.77 | 9.58 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:26 | 303.7268750 | Winding down 1657 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:27 | 303.7270833 | Deploying | 2 | 16920 | 9.57 | 8.83 | 9.6 | 7.95 | 2201 | 1688 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:27 | 303.7274306 | Deploying | 2 | 16950 | 9.61 | 8.83 | 9.61 | 7.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:28 | 303.7277778 | Deploying | 2 | 16980 | 9.59 | 8.83 | 9.63 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:28 | 303.7281250 | Deploying | 2 | 17010 | 9.59 | 8.83 | 9.65 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:28 | 303.7283218 | Winding down 1703 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:29 | 303.7284722 | Deploying | 2 | 17040 | 9.62 | 8.9 | 9.66 | 7.9 | 2186 | 1664 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:29 | 303.7288194 | Deploying | 2 | 17070 | 9.66 | 8.9 | 9.68 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:30 | 303.7291667 | Deploying | 2 | 17100 | 9.65 | 8.9 | 9.7 | 7.94 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 17:30 | 303.7295139 | Deploying | 2 | 17130 | 9.66 | 8.9 | 9.71 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:30 | 303.7296065 | Winding down 1350 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:31 | 303.7298611 | Deploying | 2 | 17160 | 9.69 | 8.95 | 9.73 | 7.94 | 2299 | 1687 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 17:31 | 303.7302083 | Deploying | 2 | 17190 | 9.72 | 8.95 | 9.75 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:31 | 303.7305324 | Winding down 1834 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:32 | 303.7305556 | Deploying | 2 | 17220 | 9.69 | 9.02 | 9.77 | 7.83 | 2234 | 1681 | 0 | 0 | 1 | 1 | 1 |
| 10/28/2016 17:32 | 303.7309028 | Deploying | 2 | 17250 | 9.77 | 9.02 | 9.78 | 7.9 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 17:33 | 303.7312500 | Deploying | 2 | 17280 | 9.77 | 9.02 | 9.8 | 7.94 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 17:33 | 303.7315972 | Deploying | 2 | 17310 | 9.78 | 9.02 | 9.82 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:34 | 303.7319444 | Deploying | 2 | 17340 | 9.76 | 9.02 | 9.83 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:34 | 303.7319907 | Winding down 1894 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:34 | 303.7322917 | Deploying | 2 | 17370 | 9.85 | 9.09 | 9.85 | 7.92 | 2228 | 1669 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 17:35 | 303.7326389 | Deploying | 2 | 17400 | 9.86 | 9.09 | 9.87 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:35 | 303.7329861 | Deploying | 2 | 17430 | 9.86 | 9.09 | 9.88 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:36 | 303.7333333 | Deploying | 2 | 17460 | 9.84 | 9.09 | 9.9 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:36 | 303.7334259 | Winding down 1725 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:36 | 303.7336806 | Deploying | 2 | 17490 | 9.9 | 9.16 | 9.92 | 7.97 | 2268 | 1688 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:37 | 303.7340278 | Deploying | 2 | 17520 | 9.93 | 9.16 | 9.94 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:37 | 303.7343750 | Deploying | 2 | 17550 | 9.93 | 9.16 | 9.95 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:38 | 303.7347222 | Deploying | 2 | 17580 | 9.93 | 9.16 | 9.97 | 7.95 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:38 | 303.7350694 | Deploying | 2 | 17610 | 9.92 | 9.16 | 9.99 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:38 | 303.7352431 | Winding down 2175 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:39 | 303.7354167 | Deploying | 2 | 17640 | 9.97 | 9.24 | 10 | 7.92 | 2166 | 1650 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:39 | 303.7357639 | Deploying | 2 | 17670 | 10.02 | 9.24 | 10.02 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:40 | 303.7361111 | Deploying | 2 | 17700 | 10.01 | 9.24 | 10.04 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:40 | 303.7364583 | Deploying | 2 | 17730 | 10.02 | 9.24 | 10.05 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:41 | 303.7368056 | Deploying | 2 | 17760 | 10.02 | 9.24 | 10.07 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:41 | 303.7369676 | Winding down 1685 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:41 | 303.7371528 | Deploying | 2 | 17790 | 10.05 | 9.31 | 10.09 | 7.92 | 2327 | 1657 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:42 | 303.7375000 | Deploying | 2 | 17820 | 10.08 | 9.31 | 10.11 | 7.92 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 17:42 | 303.7378472 | Deploying | 2 | 17850 | 10.08 | 9.31 | 10.12 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:43 | 303.7381944 | Deploying | 2 | 17880 | 10.08 | 9.31 | 10.14 | 7.94 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/28/2016 17:43 | 303.7383333 | Winding down 1732 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:43 | 303.7385417 | Deploying | 2 | 17910 | 10.12 | 9.38 | 10.16 | 7.9 | 2174 | 1665 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 17:44 | 303.7388889 | Deploying | 2 | 17940 | 10.16 | 9.38 | 10.17 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:44 | 303.7392361 | Deploying | 2 | 17970 | 10.14 | 9.38 | 10.19 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:44 | 303.7394560 | Winding down 1506 ticks | 3 | | | | | | | | | | | | | |
| 10/28/2016 17:45 | 303.7395833 | Deploying | 2 | 18000 | 10.16 | 9.43 | 10.21 | 7.92 | 2211 | 1698 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:45 | 303.7399306 | Deploying | 2 | 18030 | 10.23 | 9.43 | 10.22 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:46 | 303.7402778 | Deploying | 2 | 18060 | 10.21 | 9.43 | 10.24 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:46 | 303.7406250 Deploying | 2 | 18090 | 10.21 | 9.43 | 10.26 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:46 | 303.7407407 Winding down 1254 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:47 | 303.7409722 Deploying | 2 | 18120 | 10.23 | 9.48 | 10.28 | 7.94 | 2278 | 1650 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:47 | 303.7413194 Deploying | 2 | 18150 | 10.25 | 9.48 | 10.29 | 7.94 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:48 | 303.7416667 Deploying | 2 | 18180 | 10.26 | 9.48 | 10.31 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:48 | 303.7420139 Deploying | 2 | 18210 | 10.26 | 9.48 | 10.33 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:48 | 303.7420370 Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:49 | 303.7423611 Deploying | 2 | 18240 | 10.32 | 9.55 | 10.34 | 7.98 | 2237 | 1670 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:49 | 303.7427083 Deploying | 2 | 18270 | 10.32 | 9.55 | 10.36 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:49 | 303.7429977 Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:50 | 303.7430556 Deploying | 2 | 18300 | 10.32 | 9.61 | 10.38 | 7.92 | 2084 | 1650 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 17:50 | 303.7434028 Deploying | 2 | 18330 | 10.38 | 9.61 | 10.39 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:51 | 303.7437500 Deploying | 2 | 18360 | 10.38 | 9.61 | 10.41 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:51 | 303.7440972 Deploying | 2 | 18390 | 10.39 | 9.61 | 10.43 | 7.89 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 17:51 | 303.7444097 Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:52 | 303.7444444 Deploying | 2 | 18420 | 10.38 | 9.68 | 10.45 | 7.92 | 2195 | 1675 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:52 | 303.7447917 Deploying | 2 | 18450 | 10.46 | 9.68 | 10.46 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:53 | 303.7451389 Deploying | 2 | 18480 | 10.46 | 9.68 | 10.48 | 7.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:53 | 303.7454861 Deploying | 2 | 18510 | 10.45 | 9.68 | 10.5 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:53 | 303.7457986 Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:54 | 303.7458333 Deploying | 2 | 18540 | 10.46 | 9.74 | 10.51 | 7.92 | 2253 | 1674 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:54 | 303.7461806 Deploying | 2 | 18570 | 10.51 | 9.74 | 10.53 | 7.92 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 17:55 | 303.7465278 Deploying | 2 | 18600 | 10.52 | 9.74 | 10.55 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:55 | 303.7468750 Deploying | 2 | 18630 | 10.52 | 9.74 | 10.56 | 7.94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:55 | 303.7471991 Winding down 1434 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:56 | 303.7472222 Deploying | 2 | 18660 | 10.53 | 9.8 | 10.58 | 7.79 | 2339 | 1702 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:56 | 303.7475694 Deploying | 2 | 18690 | 10.58 | 9.8 | 10.6 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:57 | 303.7479167 Deploying | 2 | 18720 | 10.57 | 9.8 | 10.62 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:57 | 303.7482639 Deploying | 2 | 18750 | 10.58 | 9.8 | 10.63 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 17:57 | 303.7484954 Winding down 1770 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:58 | 303.7486111 Deploying | 2 | 18780 | 10.6 | 9.86 | 10.65 | 7.95 | 2336 | 1706 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:58 | 303.7489583 Deploying | 2 | 18810 | 10.64 | 9.86 | 10.67 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 17:59 | 303.7493056 Deploying | 2 | 18840 | 10.64 | 9.86 | 10.68 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 17:59 | 303.7495949 Winding down 1716 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:59 | 303.7496528 Deploying | 2 | 18870 | 10.64 | 9.93 | 10.7 | 7.95 | 2297 | 1694 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:00 | 303.7500000 Deploying | 2 | 18900 | 10.72 | 9.93 | 10.72 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 18:00 | 303.7503472 Deploying | 2 | 18930 | 10.69 | 9.93 | 10.73 | 7.95 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/28/2016 18:01 | 303.7506944 Deploying | 2 | 18960 | 10.72 | 9.93 | 10.75 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 18:01 | 303.7510417 Deploying | 2 | 18990 | 10.71 | 9.93 | 10.77 | 7.92 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 18:01 | 303.7512269 Winding down 2264 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:02 | 303.7513889 Deploying | 2 | 19020 | 10.72 | 10.02 | 10.79 | 7.9 | 2178 | 1651 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:02 | 303.7517361 Deploying | 2 | 19050 | 10.8 | 10.02 | 10.8 | 7.94 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:03 | 303.7520833 Deploying | 2 | 19080 | 10.8 | 10.02 | 10.82 | 7.94 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/28/2016 18:03 | 303.7524306 Deploying | 2 | 19110 | 10.79 | 10.02 | 10.84 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 18:03 | 303.7527199 Winding down 1516 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:04 | 303.7527778 Deploying | 2 | 19140 | 10.8 | 10.08 | 10.85 | 7.9 | 2246 | 1649 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:04 | 303.7531250 Deploying | 2 | 19170 | 10.84 | 10.08 | 10.87 | 7.92 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 18:05 | 303.7534722 Deploying | 2 | 19200 | 10.85 | 10.08 | 10.89 | 7.87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 18:05 | 303.7538194 Deploying | 2 | 19230 | 10.86 | 10.08 | 10.9 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 18:06 | 303.7541667 Deploying | 2 | 19260 | 10.87 | 10.08 | 10.92 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:06 | 303.7542824 Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:06 | 303.7545139 Deploying | 2 | 19290 | 10.9 | 10.14 | 10.94 | 7.94 | 2237 | 1658 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 18:07 | 303.7548611 Deploying | 2 | 19320 | 10.91 | 10.14 | 10.96 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 18:07 | 303.7552083 Deploying | 2 | 19350 | 10.92 | 10.14 | 10.97 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Date/Time | Value | State | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 18:07 | 303.7552083 Winding down 1362 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:08 | 303.7555556 Deploying | 2 | 19380 | 10.97 | 10.19 | 10.99 | 7.94 | 2238 | 1670 | 0 | 1 | 0 | 0 | 0 |
| 10/28/2016 18:08 | 303.7559028 Deploying | 2 | 19410 | 10.96 | 10.19 | 11.01 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 18:09 | 303.7562500 Deploying | 2 | 19440 | 10.97 | 10.19 | 11.02 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:09 | 303.7563310 Winding down 1336 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:09 | 303.7565972 Deploying | 2 | 19470 | 11.01 | 10.24 | 11.04 | 7.92 | 2318 | 1654 | 0 | 1 | 1 | 1 | 1 |
| 10/28/2016 18:10 | 303.7569444 Deploying | 2 | 19500 | 11.03 | 10.24 | 11.06 | 7.87 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:10 | 303.7572917 Deploying | 2 | 19530 | 11.03 | 10.24 | 11.07 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:11 | 303.7576389 Deploying | 2 | 19560 | 11.03 | 10.24 | 11.09 | 7.92 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:11 | 303.7576620 Winding down 1515 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:11 | 303.7579861 Deploying | 2 | 19590 | 11.09 | 10.3 | 11.11 | 7.94 | 2172 | 1668 | 0 | 0 | 1 | 0 | 1 |
| 10/28/2016 18:12 | 303.7583333 Deploying | 2 | 19620 | 11.08 | 10.3 | 11.13 | 7.9 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/28/2016 18:12 | 303.7586806 Deploying | 2 | 19650 | 11.07 | 10.3 | 11.14 | 7.92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/28/2016 18:12 | 303.7587269 Winding down 1744 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7590278 Deploying | 2 | 19680 | 11.15 | 10.37 | 11.16 | 7.92 | 2264 | 1665 | 0 | -3 | -2 | 0 | -2 |
| 10/28/2016 18:13 | 303.7592940 Probe hit seabed | 4 | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7592940 State 4 (REWIND) | 5 | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7593171 Winding up 1324 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7593403 Winding up 2625 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7593750 Rewinding | 5 | 19703 | 11.14 | 10.22 | 11 | 7.79 | 1165 | 866 | | | | | |
| 10/28/2016 18:13 | 303.7593750 Winding up 4299 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7594329 Winding up 6399 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7595139 Winding up 8249 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7596181 Winding up 8499 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7597222 Rewinding | 5 | 19703 | 10.5 | 9.16 | 10.25 | 7.78 | 1166 | 836 | | | | | |
| 10/28/2016 18:14 | 303.7597222 Winding up 6824 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7598032 Winding up 5299 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7598727 Winding up 3799 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7599190 Winding up 2749 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7599537 Winding up 2025 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7600694 Rewinding | 5 | 19703 | 9.49 | 8.36 | 9.5 | 7.89 | 1147 | 855 | | | | | |
| 10/28/2016 18:14 | 303.7601736 Winding up 1524 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7601968 Winding up 2074 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7602315 Winding up 2824 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7602662 Winding up 3699 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7603125 Winding up 4724 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7603704 Winding up 5699 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7604167 Rewinding | 5 | 19703 | 8.96 | 7.58 | 8.75 | 7.68 | 1139 | 833 | | | | | |
| 10/28/2016 18:15 | 303.7604398 Winding up 5900 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7605093 Winding up 5050 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7605787 Winding up 3400 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7606250 Winding up 2250 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7606597 Winding up 1499 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7607639 Rewinding | 5 | 19703 | 8 | 6.88 | 8 | 7.89 | 1138 | 869 | | | | | |
| 10/28/2016 18:15 | 303.7608449 Winding up 1349 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7608681 Winding up 1825 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7608912 Winding up 2325 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7609259 Winding up 3125 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7609722 Winding up 4175 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7610301 Winding up 5175 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7610995 Winding up 5850 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:16 | 303.7611111 Rewinding | 5 | 19703 | 7.46 | 5.97 | 7.25 | 7.87 | 1158 | 861 | | | | | |
| 10/28/2016 18:16 | 303.7611690 Winding up 5550 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 18:16 | 303.7612384 Winding up 4425 ticks | 3 | | | | | | | | | | | |

| Date/Time | Value | Event | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 18:16 | 303.7612963 | Winding up 3324 ticks | 3 | | | | | | | |
| 10/28/2016 18:16 | 303.7613426 | Winding up 2349 ticks | 3 | | | | | | | |
| 10/28/2016 18:16 | 303.7613773 | Winding up 1799 ticks | 3 | | | | | | | |
| 10/28/2016 18:16 | 303.7614005 | Winding up 1424 ticks | 3 | | | | | | | |
| 10/28/2016 18:16 | 303.7614583 | Rewinding | 5 | 19703 | 6.49 | 5.25 | 6.5 | 7.87 | 1158 | 119 |
| 10/28/2016 18:16 | 303.7615856 | Winding up 1300 ticks | 3 | | | | | | | |
| 10/28/2016 18:16 | 303.7616088 | Winding up 1750 ticks | 3 | | | | | | | |
| 10/28/2016 18:16 | 303.7616319 | Winding up 2225 ticks | 3 | | | | | | | |
| 10/28/2016 18:16 | 303.7616667 | Winding up 2875 ticks | 3 | | | | | | | |
| 10/28/2016 18:16 | 303.7617014 | Winding up 3725 ticks | 3 | | | | | | | |
| 10/28/2016 18:16 | 303.7617477 | Winding up 4625 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7618056 | Rewinding | 5 | 19703 | 5.94 | 4.62 | 5.75 | 7.65 | 1170 | 849 |
| 10/28/2016 18:17 | 303.7618056 | Winding up 5475 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7618750 | Winding up 5450 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7619444 | Winding up 4425 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7620023 | Winding up 3325 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7620486 | Winding up 2275 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7620833 | Winding up 1475 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7621528 | Rewinding | 5 | 19703 | 5 | 3.77 | 5 | 7.89 | 1135 | 826 |
| 10/28/2016 18:17 | 303.7622801 | Winding up 1300 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7623032 | Winding up 1825 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7623264 | Winding up 2325 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7623611 | Winding up 2925 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7623958 | Winding up 3600 ticks | 3 | | | | | | | |
| 10/28/2016 18:17 | 303.7624421 | Winding up 4600 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7625000 | Rewinding | 5 | 19703 | 4.44 | 3.14 | 4.25 | 7.62 | 1132 | 847 |
| 10/28/2016 18:18 | 303.7625000 | Winding up 5425 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7625694 | Winding up 5350 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7626389 | Winding up 4400 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7626968 | Winding up 3200 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7627431 | Winding up 2400 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7627778 | Winding up 1750 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7628009 | Winding up 1350 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7628472 | Rewinding | 5 | 19703 | 3.5 | 2.23 | 3.5 | 7.84 | 1134 | 853 |
| 10/28/2016 18:18 | 303.7629977 | Winding up 1275 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7630208 | Winding up 1750 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7630440 | Winding up 2250 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7630787 | Winding up 2925 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7631134 | Winding up 3674 ticks | 3 | | | | | | | |
| 10/28/2016 18:18 | 303.7631597 | Winding up 4650 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7631944 | Rewinding | 5 | 19703 | 2.93 | 1.61 | 2.75 | 7.68 | 1142 | 844 |
| 10/28/2016 18:19 | 303.7632176 | Winding up 5625 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7632870 | Winding up 5624 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7633565 | Winding up 4600 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7634144 | Winding up 3375 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7634606 | Winding up 2299 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7634954 | Winding up 1425 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7635417 | Rewinding | 5 | 19703 | 1.99 | 0.74 | 2 | 7.81 | 1137 | 847 |
| 10/28/2016 18:19 | 303.7637153 | Winding up 1275 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7637384 | Winding up 1700 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7637616 | Winding up 2300 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7637963 | Winding up 3275 ticks | 3 | | | | | | | |
| 10/28/2016 18:19 | 303.7638426 | Winding up 4500 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7638889 | Rewinding | 5 | 19703 | 1.45 | 0.25 | 1.25 | 7.65 | 1138 | 846 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 18:20 | 303.7639005 | Winding up 5975 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7639815 | Winding up 6300 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7640625 | Winding up 5675 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7641319 | Winding up 4475 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7641782 | Winding up 3700 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7641898 | Winding up 3525 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7642014 | Winding up 3425 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7642130 | Winding up 3350 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7642245 | Winding up 3200 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7642361 | Rewinding | 5 | 19703 | 0.6 | -0.58 | 0.5 | 7.84 | 1157 | 1015 |
| 10/28/2016 18:20 | 303.7642361 | Winding up 3125 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7642477 | Winding up 3100 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7642593 | Winding up 3075 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7642708 | Winding up 3150 ticks | 3 | | | | | | | |
| 10/28/2016 18:20 | 303.7642824 | Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 10/28/2016 18:20 | 303.7642824 | State 5 (FINISHED) | 5 | | | | | | | |
| 10/28/2016 19:36 | 303.8171065 | Manual stop | 5 | | | | | | | |
| 10/28/2016 19:36 | 303.8171065 | State 1 (IDLE) | 5 | | | | | | | |
| | -42368.0000000 | | 5 | | | | | | | |
| | -42368.0000000 | | 5 | | | | | | | |
| | -42368.0000000 | | 5 | | | | | | | |
| | -42368.0000000 | | 5 | | | | | | | |
| | -42368.0000000 | | 5 | | | | | | | |
| | -42368.0000000 | | 5 | | | | | | | |
| | -42368.0000000 | | 5 | | | | | | | |

DPS4-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curre | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 0:00 | 303.0003472 | Deploying | 2 | 30 | 0.28 | 0 | 0.02 | 8.38 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 0:01 | 303.0006944 | Deploying | 2 | 60 | 0.28 | 0 | 0.04 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 0:01 | 303.0010417 | Deploying | 2 | 90 | 0.28 | 0 | 0.06 | 8.41 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:02 | 303.0013889 | Deploying | 2 | 120 | 0.27 | 0 | 0.08 | 8.37 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 0:02 | 303.0017361 | Deploying | 2 | 150 | 0.28 | 0 | 0.09 | 8.37 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:03 | 303.0020833 | Deploying | 2 | 180 | 0.28 | 0 | 0.11 | 8.41 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 0:03 | 303.0024306 | Deploying | 2 | 210 | 0.28 | 0 | 0.13 | 8.4 | 0 | 0 | 0 | 6 | 9 | 7 | 9 |
| 10/29/2016 0:04 | 303.0027778 | Deploying | 2 | 240 | 0.28 | 0 | 0.14 | 8.38 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:04 | 303.0031250 | Deploying | 2 | 270 | 0.28 | 0 | 0.16 | 8.4 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:05 | 303.0034722 | Deploying | 2 | 300 | 0.28 | 0 | 0.18 | 8.38 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:05 | 303.0038194 | Deploying | 2 | 330 | 0.27 | 0 | 0.19 | 8.38 | 0 | 0 | 0 | 4 | 6 | 6 | 6 |
| 10/29/2016 0:06 | 303.0041667 | Deploying | 2 | 360 | 0.27 | 0 | 0.21 | 8.38 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:06 | 303.0045139 | Deploying | 2 | 390 | 0.28 | 0 | 0.23 | 8.41 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 0:07 | 303.0048611 | Deploying | 2 | 420 | 0.28 | 0 | 0.25 | 8.4 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 0:07 | 303.0052083 | Deploying | 2 | 450 | 0.28 | 0 | 0.26 | 8.4 | 0 | 0 | 0 | 6 | 10 | 8 | 10 |
| 10/29/2016 0:08 | 303.0055556 | Deploying | 2 | 480 | 0.28 | 0 | 0.28 | 8.38 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 0:08 | 303.0059028 | Deploying | 2 | 510 | 0.27 | 0 | 0.3 | 8.37 | 0 | 0 | 0 | 10 | 8 | 6 | 8 |
| 10/29/2016 0:09 | 303.0062500 | Deploying | 2 | 540 | 0.28 | 0 | 0.31 | 8.38 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:09 | 303.0065972 | Deploying | 2 | 570 | 0.27 | 0 | 0.33 | 8.4 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 0:09 | 303.0067708 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:10 | 303.0069444 | Deploying | 2 | 600 | 0.3 | 0.06 | 0.35 | 8.41 | 2293 | 1654 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:10 | 303.0072917 | Deploying | 2 | 630 | 0.31 | 0.06 | 0.36 | 8.38 | 0 | 0 | 0 | 4 | 3 | 4 | 3 |
| 10/29/2016 0:10 | 303.0074653 | Winding down 1400 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:11 | 303.0076389 | Deploying | 2 | 660 | 0.34 | 0.11 | 0.38 | 8.41 | 2187 | 1620 | 0 | 6 | 3 | 5 | 3 |
| 10/29/2016 0:11 | 303.0079861 | Deploying | 2 | 690 | 0.37 | 0.11 | 0.4 | 8.38 | 0 | 0 | 0 | 7 | 5 | 6 | 5 |
| 10/29/2016 0:12 | 303.0083333 | Deploying | 2 | 720 | 0.37 | 0.11 | 0.42 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:12 | 303.0086806 | Deploying | 2 | 750 | 0.36 | 0.11 | 0.43 | 8.38 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:12 | 303.0087500 | Winding down 1847 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:13 | 303.0090278 | Deploying | 2 | 780 | 0.44 | 0.18 | 0.45 | 8.37 | 2342 | 1675 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:13 | 303.0093750 | Deploying | 2 | 810 | 0.46 | 0.18 | 0.47 | 8.38 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:14 | 303.0097222 | Deploying | 2 | 840 | 0.45 | 0.18 | 0.48 | 8.35 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:14 | 303.0100694 | Deploying | 2 | 870 | 0.45 | 0.18 | 0.5 | 8.37 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:14 | 303.0102662 | Winding down 1603 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:15 | 303.0104167 | Deploying | 2 | 900 | 0.47 | 0.24 | 0.52 | 8.37 | 2076 | 1620 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 0:15 | 303.0107639 | Deploying | 2 | 930 | 0.51 | 0.24 | 0.53 | 8.37 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:16 | 303.0111111 | Deploying | 2 | 960 | 0.51 | 0.24 | 0.55 | 8.37 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:16 | 303.0114583 | Deploying | 2 | 990 | 0.52 | 0.24 | 0.57 | 8.37 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:16 | 303.0117361 | Winding down 1652 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:17 | 303.0118056 | Deploying | 2 | 1020 | 0.53 | 0.3 | 0.59 | 8.4 | 2314 | 1685 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:17 | 303.0121528 | Deploying | 2 | 1050 | 0.59 | 0.3 | 0.6 | 8.4 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:18 | 303.0125000 | Deploying | 2 | 1080 | 0.59 | 0.3 | 0.62 | 8.41 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:18 | 303.0128472 | Deploying | 2 | 1110 | 0.6 | 0.3 | 0.64 | 8.38 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:19 | 303.0131944 | Deploying | 2 | 1140 | 0.59 | 0.3 | 0.65 | 8.4 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:19 | 303.0132060 | Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:19 | 303.0135417 | Deploying | 2 | 1170 | 0.66 | 0.36 | 0.67 | 8.38 | 2237 | 1665 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 0:20 | 303.0138889 | Deploying | 2 | 1200 | 0.66 | 0.36 | 0.69 | 8.37 | 0 | 0 | 0 | 6 | 9 | 7 | 9 |
| 10/29/2016 0:20 | 303.0142361 | Deploying | 2 | 1230 | 0.65 | 0.36 | 0.7 | 8.38 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 0:20 | 303.0143981 | Winding down 1335 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:21 | 303.0145833 | Deploying | 2 | 1260 | 0.69 | 0.42 | 0.72 | 8.38 | 2175 | 1638 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:21 | 303.0149306 | Deploying | 2 | 1290 | 0.72 | 0.42 | 0.74 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:22 | 303.0152778 | Deploying | 2 | 1320 | 0.71 | 0.42 | 0.76 | 8.4 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:22 | 303.0156250 | Deploying | 2 | 1350 | 0.72 | 0.42 | 0.77 | 8.37 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |

| Date/Time | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 0:22 | 303.0158333 Winding down 1667 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:23 | 303.0159722 Deploying | 2 | 1380 | 0.74 | 0.48 | 0.79 | 8.37 | 2160 | 1617 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 0:23 | 303.0163194 Deploying | 2 | 1410 | 0.78 | 0.48 | 0.81 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:24 | 303.0166667 Deploying | 2 | 1440 | 0.78 | 0.48 | 0.82 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:24 | 303.0170139 Deploying | 2 | 1470 | 0.78 | 0.48 | 0.84 | 8.38 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:24 | 303.0170255 Winding down 1526 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:25 | 303.0173611 Deploying | 2 | 1500 | 0.85 | 0.54 | 0.86 | 8.35 | 2231 | 1669 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:25 | 303.0177083 Deploying | 2 | 1530 | 0.85 | 0.54 | 0.87 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:26 | 303.0180556 Deploying | 2 | 1560 | 0.84 | 0.54 | 0.89 | 8.38 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:26 | 303.0184028 Deploying | 2 | 1590 | 0.85 | 0.54 | 0.91 | 8.35 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:26 | 303.0184028 Winding down 1537 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:27 | 303.0187500 Deploying | 2 | 1620 | 0.9 | 0.59 | 0.93 | 8.4 | 2222 | 1664 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 0:27 | 303.0190972 Deploying | 2 | 1650 | 0.91 | 0.59 | 0.94 | 8.38 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:28 | 303.0194444 Deploying | 2 | 1680 | 0.9 | 0.59 | 0.96 | 8.35 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:28 | 303.0196528 Winding down 1742 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:28 | 303.0197917 Deploying | 2 | 1710 | 0.93 | 0.66 | 0.98 | 8.37 | 2206 | 1637 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:29 | 303.0201389 Deploying | 2 | 1740 | 0.97 | 0.66 | 0.99 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:29 | 303.0204861 Deploying | 2 | 1770 | 0.98 | 0.66 | 1.01 | 8.35 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:30 | 303.0208333 Deploying | 2 | 1800 | 0.98 | 0.66 | 1.03 | 8.33 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:30 | 303.0210648 Winding down 1820 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:30 | 303.0211806 Deploying | 2 | 1830 | 0.99 | 0.73 | 1.04 | 8.35 | 2187 | 1688 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:31 | 303.0215278 Deploying | 2 | 1860 | 1.05 | 0.73 | 1.06 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:31 | 303.0218750 Deploying | 2 | 1890 | 1.06 | 0.73 | 1.08 | 8.37 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:32 | 303.0222222 Deploying | 2 | 1920 | 1.06 | 0.73 | 1.1 | 8.35 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 0:32 | 303.0225694 Deploying | 2 | 1950 | 1.06 | 0.73 | 1.11 | 8.33 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:32 | 303.0226736 Winding down 1665 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:33 | 303.0229167 Deploying | 2 | 1980 | 1.1 | 0.79 | 1.13 | 8.33 | 2213 | 1672 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:33 | 303.0232639 Deploying | 2 | 2010 | 1.12 | 0.79 | 1.15 | 8.35 | 0 | 0 | 0 | 7 | 5 | 6 | 5 |
| 10/29/2016 0:34 | 303.0236111 Deploying | 2 | 2040 | 1.12 | 0.79 | 1.16 | 8.35 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 0:34 | 303.0239583 Deploying | 2 | 2070 | 1.12 | 0.79 | 1.18 | 8.35 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:34 | 303.0239699 Winding down 1626 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:35 | 303.0243056 Deploying | 2 | 2100 | 1.19 | 0.85 | 1.2 | 8.37 | 2202 | 1675 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:35 | 303.0246528 Deploying | 2 | 2130 | 1.2 | 0.85 | 1.21 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:36 | 303.0250000 Deploying | 2 | 2160 | 1.19 | 0.85 | 1.23 | 8.33 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:36 | 303.0253472 Deploying | 2 | 2190 | 1.21 | 0.85 | 1.25 | 8.35 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 0:37 | 303.0256944 Deploying | 2 | 2220 | 1.19 | 0.85 | 1.27 | 8.37 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:37 | 303.0257407 Winding down 1994 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:37 | 303.0260417 Deploying | 2 | 2250 | 1.27 | 0.93 | 1.28 | 8.37 | 2325 | 1667 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:38 | 303.0263889 Deploying | 2 | 2280 | 1.27 | 0.93 | 1.3 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:38 | 303.0267361 Deploying | 2 | 2310 | 1.27 | 0.93 | 1.32 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:38 | 303.0270255 Winding down 1266 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:39 | 303.0270833 Deploying | 2 | 2340 | 1.29 | 0.98 | 1.33 | 8.35 | 2231 | 1685 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:39 | 303.0274306 Deploying | 2 | 2370 | 1.32 | 0.98 | 1.35 | 8.37 | 0 | 0 | 0 | 6 | 4 | 6 | 4 |
| 10/29/2016 0:40 | 303.0277778 Deploying | 2 | 2400 | 1.33 | 0.98 | 1.37 | 8.37 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:40 | 303.0281250 Deploying | 2 | 2430 | 1.32 | 0.98 | 1.38 | 8.35 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 0:40 | 303.0283565 Winding down 1895 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:41 | 303.0284722 Deploying | 2 | 2460 | 1.36 | 1.05 | 1.4 | 8.33 | 2176 | 1659 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:41 | 303.0288194 Deploying | 2 | 2490 | 1.41 | 1.05 | 1.42 | 8.37 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:42 | 303.0291667 Deploying | 2 | 2520 | 1.41 | 1.05 | 1.44 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:42 | 303.0295139 Deploying | 2 | 2550 | 1.41 | 1.05 | 1.45 | 8.33 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:42 | 303.0297917 Winding down 1727 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 0:43 | 303.0298611 Deploying | 2 | 2580 | 1.42 | 1.11 | 1.47 | 8.32 | 2269 | 1678 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 0:43 | 303.0302083 Deploying | 2 | 2610 | 1.48 | 1.11 | 1.49 | 8.33 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |

| Date/Time | Code Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 0:44 | 303.0305556 Deploying | 2 | 2640 | 1.48 | 1.11 | 1.5 | 8.35 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:44 | 303.0309028 Deploying | 2 | 2670 | 1.47 | 1.11 | 1.52 | 8.33 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:44 | 303.0312269 Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:45 | 303.0312500 Deploying | 2 | 2700 | 1.48 | 1.17 | 1.54 | 8.27 | 2239 | 1654 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:45 | 303.0315972 Deploying | 2 | 2730 | 1.54 | 1.17 | 1.55 | 8.35 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 0:46 | 303.0319444 Deploying | 2 | 2760 | 1.54 | 1.17 | 1.57 | 8.37 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 0:46 | 303.0322917 Deploying | 2 | 2790 | 1.54 | 1.17 | 1.59 | 8.38 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 0:46 | 303.0325926 Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:47 | 303.0326389 Deploying | 2 | 2820 | 1.55 | 1.23 | 1.61 | 8.33 | 2144 | 1605 | 0 | 7 | 7 | 6 | 7 |
| 10/29/2016 0:47 | 303.0329861 Deploying | 2 | 2850 | 1.61 | 1.23 | 1.62 | 8.35 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:48 | 303.0333333 Deploying | 2 | 2880 | 1.61 | 1.23 | 1.64 | 8.37 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:48 | 303.0336806 Deploying | 2 | 2910 | 1.61 | 1.23 | 1.66 | 8.32 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 0:49 | 303.0340278 Deploying | 2 | 2940 | 1.61 | 1.23 | 1.67 | 8.35 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:49 | 303.0340509 Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:49 | 303.0343750 Deploying | 2 | 2970 | 1.67 | 1.29 | 1.69 | 8.33 | 2236 | 1652 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:50 | 303.0347222 Deploying | 2 | 3000 | 1.68 | 1.29 | 1.71 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:50 | 303.0350694 Deploying | 2 | 3030 | 1.68 | 1.29 | 1.72 | 8.33 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:51 | 303.0354167 Deploying | 2 | 3060 | 1.67 | 1.29 | 1.74 | 8.37 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 0:51 | 303.0354167 Winding down 1737 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:51 | 303.0357639 Deploying | 2 | 3090 | 1.76 | 1.36 | 1.76 | 8.33 | 2317 | 1654 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:52 | 303.0361111 Deploying | 2 | 3120 | 1.75 | 1.36 | 1.78 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:52 | 303.0364583 Deploying | 2 | 3150 | 1.75 | 1.36 | 1.79 | 8.35 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 0:53 | 303.0368056 Deploying | 2 | 3180 | 1.74 | 1.36 | 1.81 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 0:53 | 303.0368634 Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:53 | 303.0371528 Deploying | 2 | 3210 | 1.8 | 1.42 | 1.83 | 8.32 | 2204 | 1671 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 0:54 | 303.0375000 Deploying | 2 | 3240 | 1.83 | 1.42 | 1.84 | 8.32 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:54 | 303.0378472 Deploying | 2 | 3270 | 1.81 | 1.42 | 1.86 | 8.35 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 0:54 | 303.0380787 Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:55 | 303.0381944 Deploying | 2 | 3300 | 1.84 | 1.47 | 1.88 | 8.33 | 2217 | 1640 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:55 | 303.0385417 Deploying | 2 | 3330 | 1.88 | 1.47 | 1.89 | 8.35 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 0:56 | 303.0388889 Deploying | 2 | 3360 | 1.87 | 1.47 | 1.91 | 8.35 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 0:56 | 303.0392361 Deploying | 2 | 3390 | 1.88 | 1.47 | 1.93 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:57 | 303.0395833 Deploying | 2 | 3420 | 1.88 | 1.47 | 1.95 | 8.33 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:57 | 303.0396412 Winding down 1908 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:57 | 303.0399306 Deploying | 2 | 3450 | 1.95 | 1.54 | 1.96 | 8.33 | 2315 | 1657 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 0:58 | 303.0402778 Deploying | 2 | 3480 | 1.96 | 1.54 | 1.98 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 0:58 | 303.0406250 Deploying | 2 | 3510 | 1.95 | 1.54 | 2 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 0:59 | 303.0409722 Deploying | 2 | 3540 | 1.97 | 1.54 | 2.01 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 0:59 | 303.0412384 Winding down 1763 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 0:59 | 303.0413194 Deploying | 2 | 3570 | 1.97 | 1.61 | 2.03 | 8.33 | 2227 | 1660 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:00 | 303.0416667 Deploying | 2 | 3600 | 2.03 | 1.61 | 2.05 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:00 | 303.0420139 Deploying | 2 | 3630 | 2.04 | 1.61 | 2.06 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:01 | 303.0423611 Deploying | 2 | 3660 | 2.04 | 1.61 | 2.08 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:01 | 303.0427083 Deploying | 2 | 3690 | 2.04 | 1.61 | 2.1 | 8.32 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:01 | 303.0427315 Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:02 | 303.0430556 Deploying | 2 | 3720 | 2.1 | 1.67 | 2.12 | 8.35 | 2318 | 1692 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:02 | 303.0434028 Deploying | 2 | 3750 | 2.11 | 1.67 | 2.13 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:03 | 303.0437500 Deploying | 2 | 3780 | 2.1 | 1.67 | 2.15 | 8.35 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:03 | 303.0440046 Winding down 1424 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:03 | 303.0440972 Deploying | 2 | 3810 | 2.12 | 1.72 | 2.17 | 8.33 | 2315 | 1680 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:04 | 303.0444444 Deploying | 2 | 3840 | 2.17 | 1.72 | 2.18 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:04 | 303.0447917 Deploying | 2 | 3870 | 2.16 | 1.72 | 2.2 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:05 | 303.0451389 Deploying | 2 | 3900 | 2.16 | 1.72 | 2.22 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 1:05 | 303.0452894 Winding down 1671 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:05 | 303.0454861 Deploying | | 2 | 3930 | 2.19 | 1.79 | 2.23 | 8.33 | 2327 | 1696 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 1:06 | 303.0458333 Deploying | | 2 | 3960 | 2.23 | 1.79 | 2.25 | 8.37 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 1:06 | 303.0461806 Deploying | | 2 | 3990 | 2.24 | 1.79 | 2.27 | 8.32 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:07 | 303.0465278 Deploying | | 2 | 4020 | 2.22 | 1.79 | 2.29 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:07 | 303.0466319 Winding down 1690 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:07 | 303.0468750 Deploying | | 2 | 4050 | 2.28 | 1.85 | 2.3 | 8.37 | 2173 | 1631 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 1:08 | 303.0472222 Deploying | | 2 | 4080 | 2.29 | 1.85 | 2.32 | 8.33 | 0 | 0 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 1:08 | 303.0475694 Deploying | | 2 | 4110 | 2.3 | 1.85 | 2.34 | 8.35 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 1:09 | 303.0479167 Deploying | | 2 | 4140 | 2.29 | 1.85 | 2.35 | 8.33 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:09 | 303.0479861 Winding down 1647 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:09 | 303.0482639 Deploying | | 2 | 4170 | 2.34 | 1.91 | 2.37 | 8.32 | 2278 | 1657 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:10 | 303.0486111 Deploying | | 2 | 4200 | 2.36 | 1.91 | 2.39 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:10 | 303.0489583 Deploying | | 2 | 4230 | 2.36 | 1.91 | 2.4 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:11 | 303.0493056 Deploying | | 2 | 4260 | 2.37 | 1.91 | 2.42 | 8.35 | 0 | 0 | 0 | 4 | 7 | 5 | 7 |
| 10/29/2016 1:11 | 303.0494560 Winding down 1671 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:11 | 303.0496528 Deploying | | 2 | 4290 | 2.4 | 1.98 | 2.44 | 8.35 | 2240 | 1677 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 1:12 | 303.0500000 Deploying | | 2 | 4320 | 2.43 | 1.98 | 2.46 | 8.33 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 1:12 | 303.0503472 Deploying | | 2 | 4350 | 2.44 | 1.98 | 2.47 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:13 | 303.0506944 Deploying | | 2 | 4380 | 2.43 | 1.98 | 2.49 | 8.33 | 0 | 0 | 0 | 4 | 7 | 5 | 7 |
| 10/29/2016 1:13 | 303.0508218 Winding down 1643 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:13 | 303.0510417 Deploying | | 2 | 4410 | 2.47 | 2.04 | 2.51 | 8.33 | 2223 | 1696 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:14 | 303.0513889 Deploying | | 2 | 4440 | 2.51 | 2.04 | 2.52 | 8.35 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 1:14 | 303.0517361 Deploying | | 2 | 4470 | 2.5 | 2.04 | 2.54 | 8.33 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:15 | 303.0520833 Deploying | | 2 | 4500 | 2.5 | 2.04 | 2.56 | 8.32 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:15 | 303.0520833 Winding down 1512 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:15 | 303.0524306 Deploying | | 2 | 4530 | 2.55 | 2.09 | 2.57 | 8.33 | 2267 | 1686 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:16 | 303.0527778 Deploying | | 2 | 4560 | 2.56 | 2.09 | 2.59 | 8.33 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 1:16 | 303.0531250 Deploying | | 2 | 4590 | 2.57 | 2.09 | 2.61 | 8.33 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:17 | 303.0534722 Deploying | | 2 | 4620 | 2.56 | 2.09 | 2.63 | 8.33 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:17 | 303.0534838 Winding down 1551 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:17 | 303.0538194 Deploying | | 2 | 4650 | 2.62 | 2.15 | 2.64 | 8.32 | 2321 | 1684 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:18 | 303.0541667 Deploying | | 2 | 4680 | 2.63 | 2.15 | 2.66 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:18 | 303.0545139 Deploying | | 2 | 4710 | 2.63 | 2.15 | 2.68 | 8.3 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 1:18 | 303.0547801 Winding down 1613 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:19 | 303.0548611 Deploying | | 2 | 4740 | 2.65 | 2.21 | 2.69 | 8.3 | 2200 | 1651 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:19 | 303.0552083 Deploying | | 2 | 4770 | 2.7 | 2.21 | 2.71 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:20 | 303.0555556 Deploying | | 2 | 4800 | 2.7 | 2.21 | 2.73 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:20 | 303.0559028 Deploying | | 2 | 4830 | 2.69 | 2.21 | 2.74 | 8.32 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:20 | 303.0561458 Winding down 1610 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:21 | 303.0562500 Deploying | | 2 | 4860 | 2.71 | 2.28 | 2.76 | 8.33 | 2320 | 1682 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:21 | 303.0565972 Deploying | | 2 | 4890 | 2.76 | 2.28 | 2.78 | 8.32 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:22 | 303.0569444 Deploying | | 2 | 4920 | 2.77 | 2.28 | 2.8 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:22 | 303.0572917 Deploying | | 2 | 4950 | 2.76 | 2.28 | 2.81 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:22 | 303.0574537 Winding down 1510 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:23 | 303.0576389 Deploying | | 2 | 4980 | 2.8 | 2.33 | 2.83 | 8.3 | 2343 | 1714 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:23 | 303.0579861 Deploying | | 2 | 5010 | 2.82 | 2.33 | 2.85 | 8.3 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 1:24 | 303.0583333 Deploying | | 2 | 5040 | 2.83 | 2.33 | 2.86 | 8.3 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:24 | 303.0586806 Deploying | | 2 | 5070 | 2.82 | 2.33 | 2.88 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:24 | 303.0588079 Winding down 1668 ticks | | 3 | | | | | | | | | | | |
| 10/29/2016 1:25 | 303.0590278 Deploying | | 2 | 5100 | 2.87 | 2.4 | 2.9 | 8.32 | 2335 | 1726 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:25 | 303.0593750 Deploying | | 2 | 5130 | 2.89 | 2.4 | 2.91 | 8.32 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:26 | 303.0597222 Deploying | | 2 | 5160 | 2.88 | 2.4 | 2.93 | 8.3 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |

| Date/Time | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 1:26 | 303.0600694 Deploying | 2 | 5190 | 2.9 | 2.4 | 2.95 | 8.3 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:26 | 303.0601620 Winding down 1425 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:27 | 303.0604167 Deploying | 2 | 5220 | 2.93 | 2.45 | 2.97 | 8.3 | 2341 | 1697 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:27 | 303.0607639 Deploying | 2 | 5250 | 2.95 | 2.45 | 2.98 | 8.3 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 1:28 | 303.0611111 Deploying | 2 | 5280 | 2.95 | 2.45 | 3 | 8.29 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 1:28 | 303.0613542 Winding down 1560 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:28 | 303.0614583 Deploying | 2 | 5310 | 2.97 | 2.51 | 3.02 | 8.3 | 2224 | 1666 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:29 | 303.0618056 Deploying | 2 | 5340 | 3.02 | 2.51 | 3.03 | 8.3 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:29 | 303.0621528 Deploying | 2 | 5370 | 3.02 | 2.51 | 3.05 | 8.3 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:30 | 303.0625000 Deploying | 2 | 5400 | 3.02 | 2.51 | 3.07 | 8.29 | 0 | 0 | 0 | 6 | 8 | 6 | 8 |
| 10/29/2016 1:30 | 303.0627662 Winding down 1613 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:30 | 303.0628472 Deploying | 2 | 5430 | 3.03 | 2.57 | 3.08 | 8.32 | 2253 | 1704 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:31 | 303.0631944 Deploying | 2 | 5460 | 3.08 | 2.57 | 3.1 | 8.3 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:31 | 303.0635417 Deploying | 2 | 5490 | 3.08 | 2.57 | 3.12 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:32 | 303.0638889 Deploying | 2 | 5520 | 3.08 | 2.57 | 3.14 | 8.29 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:32 | 303.0639699 Winding down 1461 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:32 | 303.0642361 Deploying | 2 | 5550 | 3.13 | 2.63 | 3.15 | 8.32 | 2222 | 1668 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:33 | 303.0645833 Deploying | 2 | 5580 | 3.15 | 2.63 | 3.17 | 8.3 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:33 | 303.0649306 Deploying | 2 | 5610 | 3.14 | 2.63 | 3.19 | 8.29 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:34 | 303.0652778 Deploying | 2 | 5640 | 3.15 | 2.63 | 3.2 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:34 | 303.0652778 Winding down 1412 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:34 | 303.0656250 Deploying | 2 | 5670 | 3.19 | 2.68 | 3.22 | 8.29 | 2258 | 1703 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:35 | 303.0659722 Deploying | 2 | 5700 | 3.2 | 2.68 | 3.24 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:35 | 303.0663194 Deploying | 2 | 5730 | 3.21 | 2.68 | 3.25 | 8.32 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 1:35 | 303.0665856 Winding down 1513 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:36 | 303.0666667 Deploying | 2 | 5760 | 3.22 | 2.74 | 3.27 | 8.29 | 2324 | 1695 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:36 | 303.0670139 Deploying | 2 | 5790 | 3.26 | 2.74 | 3.29 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:37 | 303.0673611 Deploying | 2 | 5820 | 3.26 | 2.74 | 3.31 | 8.3 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 1:37 | 303.0677083 Deploying | 2 | 5850 | 3.25 | 2.74 | 3.32 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:37 | 303.0677199 Winding down 1876 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:38 | 303.0680556 Deploying | 2 | 5880 | 3.33 | 2.81 | 3.34 | 8.3 | 2290 | 1704 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:38 | 303.0684028 Deploying | 2 | 5910 | 3.34 | 2.81 | 3.36 | 8.3 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 1:39 | 303.0687500 Deploying | 2 | 5940 | 3.33 | 2.81 | 3.37 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:39 | 303.0690972 Deploying | 2 | 5970 | 3.33 | 2.81 | 3.39 | 8.3 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:39 | 303.0692130 Winding down 1604 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:40 | 303.0694444 Deploying | 2 | 6000 | 3.38 | 2.87 | 3.41 | 8.29 | 2232 | 1672 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 1:40 | 303.0697917 Deploying | 2 | 6030 | 3.4 | 2.87 | 3.42 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:41 | 303.0701389 Deploying | 2 | 6060 | 3.4 | 2.87 | 3.44 | 8.3 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 1:41 | 303.0704861 Deploying | 2 | 6090 | 3.41 | 2.87 | 3.46 | 8.27 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 1:41 | 303.0705787 Winding down 1600 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:42 | 303.0708333 Deploying | 2 | 6120 | 3.45 | 2.93 | 3.48 | 8.3 | 2240 | 1658 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:42 | 303.0711806 Deploying | 2 | 6150 | 3.48 | 2.93 | 3.49 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:43 | 303.0715278 Deploying | 2 | 6180 | 3.46 | 2.93 | 3.51 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:43 | 303.0718750 Deploying | 2 | 6210 | 3.46 | 2.93 | 3.53 | 8.3 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:43 | 303.0719213 Winding down 1744 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:44 | 303.0722222 Deploying | 2 | 6240 | 3.52 | 3 | 3.54 | 8.27 | 2260 | 1696 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 1:44 | 303.0725694 Deploying | 2 | 6270 | 3.53 | 3 | 3.56 | 8.27 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:45 | 303.0729167 Deploying | 2 | 6300 | 3.54 | 3 | 3.58 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:45 | 303.0732639 Deploying | 2 | 6330 | 3.53 | 3 | 3.59 | 8.27 | 0 | 0 | 0 | 7 | 5 | 6 | 5 |
| 10/29/2016 1:45 | 303.0733102 Winding down 1544 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 1:46 | 303.0736111 Deploying | 2 | 6360 | 3.6 | 3.05 | 3.61 | 8.27 | 2225 | 1699 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 1:46 | 303.0739583 Deploying | 2 | 6390 | 3.6 | 3.05 | 3.63 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:47 | 303.0743056 Deploying | 2 | 6420 | 3.6 | 3.05 | 3.65 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 1:47 | 303.0746528 Deploying | 2 | 6450 | 3.6 | 3.05 | 3.66 | 8.27 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:47 | 303.0748032 Winding down 1871 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:48 | 303.0750000 Deploying | 2 | 6480 | 3.64 | 3.13 | 3.68 | 8.3 | 2313 | 1680 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 1:48 | 303.0753472 Deploying | 2 | 6510 | 3.68 | 3.13 | 3.7 | 8.27 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:49 | 303.0756944 Deploying | 2 | 6540 | 3.68 | 3.13 | 3.71 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:49 | 303.0760417 Deploying | 2 | 6570 | 3.68 | 3.13 | 3.73 | 8.29 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:49 | 303.0760995 Winding down 1383 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:50 | 303.0763889 Deploying | 2 | 6600 | 3.73 | 3.18 | 3.75 | 8.27 | 2265 | 1681 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 1:50 | 303.0767361 Deploying | 2 | 6630 | 3.73 | 3.18 | 3.76 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:51 | 303.0770833 Deploying | 2 | 6660 | 3.74 | 3.18 | 3.78 | 8.32 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:51 | 303.0774306 Deploying | 2 | 6690 | 3.74 | 3.18 | 3.8 | 8.27 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:51 | 303.0774653 Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:52 | 303.0777778 Deploying | 2 | 6720 | 3.8 | 3.24 | 3.82 | 8.29 | 2254 | 1685 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 1:52 | 303.0781250 Deploying | 2 | 6750 | 3.8 | 3.24 | 3.83 | 8.32 | 0 | 0 | 0 | 5 | 4 | 5 | 4 |
| 10/29/2016 1:53 | 303.0784722 Deploying | 2 | 6780 | 3.8 | 3.24 | 3.85 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 1:53 | 303.0786806 Winding down 1442 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:53 | 303.0788194 Deploying | 2 | 6810 | 3.83 | 3.29 | 3.87 | 8.29 | 2206 | 1655 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:54 | 303.0791667 Deploying | 2 | 6840 | 3.87 | 3.29 | 3.88 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:54 | 303.0795139 Deploying | 2 | 6870 | 3.86 | 3.29 | 3.9 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:55 | 303.0798611 Deploying | 2 | 6900 | 3.87 | 3.29 | 3.92 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 1:55 | 303.0801273 Winding down 1688 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:55 | 303.0802083 Deploying | 2 | 6930 | 3.88 | 3.36 | 3.93 | 8.3 | 2231 | 1668 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 1:56 | 303.0805556 Deploying | 2 | 6960 | 3.94 | 3.36 | 3.95 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:56 | 303.0809028 Deploying | 2 | 6990 | 3.93 | 3.36 | 3.97 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:57 | 303.0812500 Deploying | 2 | 7020 | 3.93 | 3.36 | 3.99 | 8.27 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 1:57 | 303.0814352 Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:57 | 303.0815972 Deploying | 2 | 7050 | 3.97 | 3.42 | 4 | 8.29 | 2297 | 1682 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 1:58 | 303.0819444 Deploying | 2 | 7080 | 4 | 3.42 | 4.02 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:58 | 303.0822917 Deploying | 2 | 7110 | 4.01 | 3.42 | 4.04 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:59 | 303.0826389 Deploying | 2 | 7140 | 4 | 3.42 | 4.05 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 1:59 | 303.0827894 Winding down 1771 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:59 | 303.0829861 Deploying | 2 | 7170 | 4.03 | 3.48 | 4.07 | 8.27 | 2281 | 1707 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:00 | 303.0833333 Deploying | 2 | 7200 | 4.07 | 3.48 | 4.09 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:00 | 303.0836806 Deploying | 2 | 7230 | 4.08 | 3.48 | 4.1 | 8.27 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:01 | 303.0840278 Deploying | 2 | 7260 | 4.07 | 3.48 | 4.12 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:01 | 303.0843171 Winding down 1616 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:01 | 303.0843750 Deploying | 2 | 7290 | 4.09 | 3.54 | 4.14 | 8.27 | 2158 | 1621 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:02 | 303.0847222 Deploying | 2 | 7320 | 4.14 | 3.54 | 4.16 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:02 | 303.0850694 Deploying | 2 | 7350 | 4.15 | 3.54 | 4.17 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:03 | 303.0854167 Deploying | 2 | 7380 | 4.13 | 3.54 | 4.19 | 8.29 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:03 | 303.0856366 Winding down 1756 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:03 | 303.0857639 Deploying | 2 | 7410 | 4.16 | 3.61 | 4.21 | 8.27 | 2329 | 1675 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:04 | 303.0861111 Deploying | 2 | 7440 | 4.21 | 3.61 | 4.22 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:04 | 303.0864583 Deploying | 2 | 7470 | 4.21 | 3.61 | 4.24 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:05 | 303.0868056 Deploying | 2 | 7500 | 4.2 | 3.61 | 4.26 | 8.25 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:05 | 303.0869560 Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:05 | 303.0871528 Deploying | 2 | 7530 | 4.24 | 3.67 | 4.27 | 8.27 | 2208 | 1661 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:06 | 303.0875000 Deploying | 2 | 7560 | 4.27 | 3.67 | 4.29 | 8.27 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 2:06 | 303.0878472 Deploying | 2 | 7590 | 4.28 | 3.67 | 4.31 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:07 | 303.0881944 Deploying | 2 | 7620 | 4.27 | 3.67 | 4.33 | 8.29 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 2:07 | 303.0883796 Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:07 | 303.0885417 Deploying | 2 | 7650 | 4.3 | 3.73 | 4.34 | 8.25 | 2213 | 1679 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:08 | 303.0888889 Deploying | 2 | 7680 | 4.34 | 3.73 | 4.36 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |

| Date/Time | Value | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 2:08 | 303.0892361 Deploying | 2 | 7710 | 4.34 | 3.73 | 4.38 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:09 | 303.0895833 Deploying | 2 | 7740 | 4.34 | 3.73 | 4.39 | 8.27 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 2:09 | 303.0897685 Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:09 | 303.0899306 Deploying | 2 | 7770 | 4.37 | 3.79 | 4.41 | 8.27 | 2203 | 1653 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:10 | 303.0902778 Deploying | 2 | 7800 | 4.41 | 3.79 | 4.43 | 8.27 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:10 | 303.0906250 Deploying | 2 | 7830 | 4.41 | 3.79 | 4.44 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:11 | 303.0909722 Deploying | 2 | 7860 | 4.41 | 3.79 | 4.46 | 8.27 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:11 | 303.0912269 Winding down 1699 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:11 | 303.0913194 Deploying | 2 | 7890 | 4.42 | 3.86 | 4.48 | 8.27 | 2165 | 1652 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:12 | 303.0916667 Deploying | 2 | 7920 | 4.47 | 3.86 | 4.5 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:12 | 303.0920139 Deploying | 2 | 7950 | 4.48 | 3.86 | 4.51 | 8.27 | 0 | 0 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 2:13 | 303.0923611 Deploying | 2 | 7980 | 4.47 | 3.86 | 4.53 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:13 | 303.0923958 Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:13 | 303.0927083 Deploying | 2 | 8010 | 4.53 | 3.92 | 4.55 | 8.27 | 2242 | 1701 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:14 | 303.0930556 Deploying | 2 | 8040 | 4.54 | 3.92 | 4.56 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:14 | 303.0934028 Deploying | 2 | 8070 | 4.53 | 3.92 | 4.58 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:14 | 303.0937269 Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:15 | 303.0937500 Deploying | 2 | 8100 | 4.54 | 3.97 | 4.6 | 8.16 | 2302 | 1679 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:15 | 303.0940972 Deploying | 2 | 8130 | 4.61 | 3.97 | 4.61 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:16 | 303.0944444 Deploying | 2 | 8160 | 4.6 | 3.97 | 4.63 | 8.27 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:16 | 303.0947917 Deploying | 2 | 8190 | 4.59 | 3.97 | 4.65 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:16 | 303.0949769 Winding down 1489 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:17 | 303.0951389 Deploying | 2 | 8220 | 4.62 | 4.03 | 4.67 | 8.27 | 2325 | 1702 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:17 | 303.0954861 Deploying | 2 | 8250 | 4.65 | 4.03 | 4.68 | 8.27 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:18 | 303.0958333 Deploying | 2 | 8280 | 4.66 | 4.03 | 4.7 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:18 | 303.0961806 Deploying | 2 | 8310 | 4.65 | 4.03 | 4.72 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:18 | 303.0961921 Winding down 1676 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:19 | 303.0965278 Deploying | 2 | 8340 | 4.7 | 4.09 | 4.73 | 8.24 | 2341 | 1700 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 2:19 | 303.0968750 Deploying | 2 | 8370 | 4.72 | 4.09 | 4.75 | 8.27 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:20 | 303.0972222 Deploying | 2 | 8400 | 4.72 | 4.09 | 4.77 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:20 | 303.0974769 Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:20 | 303.0975694 Deploying | 2 | 8430 | 4.73 | 4.15 | 4.78 | 8.27 | 2214 | 1658 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:21 | 303.0979167 Deploying | 2 | 8460 | 4.8 | 4.15 | 4.8 | 8.27 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:21 | 303.0982639 Deploying | 2 | 8490 | 4.79 | 4.15 | 4.82 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:22 | 303.0986111 Deploying | 2 | 8520 | 4.79 | 4.15 | 4.84 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:22 | 303.0989583 Deploying | 2 | 8550 | 4.79 | 4.15 | 4.85 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:22 | 303.0989931 Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:23 | 303.0993056 Deploying | 2 | 8580 | 4.85 | 4.22 | 4.87 | 8.27 | 2316 | 1697 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:23 | 303.0996528 Deploying | 2 | 8610 | 4.86 | 4.22 | 4.89 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:24 | 303.1000000 Deploying | 2 | 8640 | 4.86 | 4.22 | 4.9 | 8.25 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 2:24 | 303.1003472 Deploying | 2 | 8670 | 4.86 | 4.22 | 4.92 | 8.24 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:24 | 303.1003704 Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:25 | 303.1006944 Deploying | 2 | 8700 | 4.92 | 4.27 | 4.94 | 8.24 | 2318 | 1679 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:25 | 303.1010417 Deploying | 2 | 8730 | 4.93 | 4.27 | 4.95 | 8.25 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:26 | 303.1013889 Deploying | 2 | 8760 | 4.92 | 4.27 | 4.97 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:26 | 303.1015394 Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:26 | 303.1017361 Deploying | 2 | 8790 | 4.95 | 4.33 | 4.99 | 8.25 | 2255 | 1701 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:27 | 303.1020833 Deploying | 2 | 8820 | 4.98 | 4.33 | 5.01 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:27 | 303.1024306 Deploying | 2 | 8850 | 4.99 | 4.33 | 5.02 | 8.24 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:28 | 303.1027778 Deploying | 2 | 8880 | 4.98 | 4.33 | 5.04 | 8.27 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:28 | 303.1029630 Winding down 1714 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:28 | 303.1031250 Deploying | 2 | 8910 | 5.01 | 4.4 | 5.06 | 8.25 | 2206 | 1680 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:29 | 303.1034722 Deploying | 2 | 8940 | 5.06 | 4.4 | 5.07 | 8.24 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |

| Date/Time | ID State | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 2:29 | 303.1038194 Deploying | 2 | 8970 | 5.05 | 4.4 | 5.09 | 8.25 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:30 | 303.1041667 Deploying | 2 | 9000 | 5.06 | 4.4 | 5.11 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:30 | 303.1045023 Winding down 1773 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:30 | 303.1045139 Deploying | 2 | 9030 | 5.06 | 4.47 | 5.12 | 8.24 | 2229 | 1642 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:31 | 303.1048611 Deploying | 2 | 9060 | 5.13 | 4.47 | 5.14 | 8.24 | 2229 | 191 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:31 | 303.1052083 Deploying | 2 | 9090 | 5.13 | 4.47 | 5.16 | 8.25 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 2:32 | 303.1055556 Deploying | 2 | 9120 | 5.13 | 4.47 | 5.18 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:32 | 303.1059028 Deploying | 2 | 9150 | 5.14 | 4.47 | 5.19 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:32 | 303.1059722 Winding down 1597 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:33 | 303.1062500 Deploying | 2 | 9180 | 5.19 | 4.53 | 5.21 | 8.25 | 2318 | 1664 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:33 | 303.1065972 Deploying | 2 | 9210 | 5.18 | 4.53 | 5.23 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:34 | 303.1069444 Deploying | 2 | 9240 | 5.2 | 4.53 | 5.24 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:34 | 303.1072917 Deploying | 2 | 9270 | 5.18 | 4.53 | 5.26 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:34 | 303.1073148 Winding down 2040 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:35 | 303.1076389 Deploying | 2 | 9300 | 5.26 | 4.61 | 5.28 | 8.24 | 2317 | 1628 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:35 | 303.1079861 Deploying | 2 | 9330 | 5.28 | 4.61 | 5.29 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:36 | 303.1083333 Deploying | 2 | 9360 | 5.28 | 4.61 | 5.31 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:36 | 303.1086806 Deploying | 2 | 9390 | 5.28 | 4.61 | 5.33 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:36 | 303.1089005 Winding down 1831 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:37 | 303.1090278 Deploying | 2 | 9420 | 5.29 | 4.68 | 5.35 | 8.25 | 2283 | 1667 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:37 | 303.1093750 Deploying | 2 | 9450 | 5.35 | 4.68 | 5.36 | 8.24 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:38 | 303.1097222 Deploying | 2 | 9480 | 5.34 | 4.68 | 5.38 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:38 | 303.1100694 Deploying | 2 | 9510 | 5.35 | 4.68 | 5.4 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:38 | 303.1101852 Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:39 | 303.1104167 Deploying | 2 | 9540 | 5.4 | 4.73 | 5.41 | 8.24 | 2261 | 1627 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:39 | 303.1107639 Deploying | 2 | 9570 | 5.41 | 4.73 | 5.43 | 8.22 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:40 | 303.1111111 Deploying | 2 | 9600 | 5.41 | 4.73 | 5.45 | 8.24 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:40 | 303.1114583 Deploying | 2 | 9630 | 5.42 | 4.73 | 5.46 | 8.24 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 2:40 | 303.1117940 Winding down 1648 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:41 | 303.1118056 Deploying | 2 | 9660 | 5.42 | 4.8 | 5.48 | 8.22 | 2217 | 1648 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:41 | 303.1121528 Deploying | 2 | 9690 | 5.49 | 4.8 | 5.5 | 8.24 | 2217 | 168 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:42 | 303.1125000 Deploying | 2 | 9720 | 5.48 | 4.8 | 5.52 | 8.27 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:42 | 303.1128472 Deploying | 2 | 9750 | 5.48 | 4.8 | 5.53 | 8.24 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:42 | 303.1130208 Winding down 1725 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:43 | 303.1131944 Deploying | 2 | 9780 | 5.51 | 4.86 | 5.55 | 8.27 | 2238 | 1695 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 2:43 | 303.1135417 Deploying | 2 | 9810 | 5.55 | 4.86 | 5.57 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:44 | 303.1138889 Deploying | 2 | 9840 | 5.54 | 4.86 | 5.58 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:44 | 303.1142361 Deploying | 2 | 9870 | 5.55 | 4.86 | 5.6 | 8.24 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:44 | 303.1145139 Winding down 1852 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:45 | 303.1145833 Deploying | 2 | 9900 | 5.55 | 4.93 | 5.62 | 8.22 | 2338 | 1710 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:45 | 303.1149306 Deploying | 2 | 9930 | 5.62 | 4.93 | 5.63 | 8.25 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 2:46 | 303.1152778 Deploying | 2 | 9960 | 5.62 | 4.93 | 5.65 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:46 | 303.1156250 Deploying | 2 | 9990 | 5.61 | 4.93 | 5.67 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:46 | 303.1157870 Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:47 | 303.1159722 Deploying | 2 | 10020 | 5.65 | 5 | 5.69 | 8.22 | 2248 | 1650 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:47 | 303.1163194 Deploying | 2 | 10050 | 5.69 | 5 | 5.7 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:48 | 303.1166667 Deploying | 2 | 10080 | 5.68 | 5 | 5.72 | 8.22 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 2:48 | 303.1170139 Deploying | 2 | 10110 | 5.69 | 5 | 5.74 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:48 | 303.1172685 Winding down 1599 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:49 | 303.1173611 Deploying | 2 | 10140 | 5.7 | 5.06 | 5.75 | 8.24 | 2335 | 1692 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:49 | 303.1177083 Deploying | 2 | 10170 | 5.75 | 5.06 | 5.77 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:50 | 303.1180556 Deploying | 2 | 10200 | 5.75 | 5.06 | 5.79 | 8.21 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:50 | 303.1184028 Deploying | 2 | 10230 | 5.75 | 5.06 | 5.8 | 8.21 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |

| Date/Time | Code | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 2:50 | 303.1185532 | Winding down 1471 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:51 | 303.1187500 | Deploying | 2 | 10260 | 5.79 | 5.12 | 5.82 | 8.21 | 2232 | 1632 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 2:51 | 303.1190972 | Deploying | 2 | 10290 | 5.82 | 5.12 | 5.84 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:52 | 303.1194444 | Deploying | 2 | 10320 | 5.81 | 5.12 | 5.86 | 8.19 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:52 | 303.1197222 | Winding down 1377 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:52 | 303.1197917 | Deploying | 2 | 10350 | 5.82 | 5.17 | 5.87 | 8.21 | 3 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:52 | 303.1200926 | Winding down 2055 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:53 | 303.1201389 | Deploying | 2 | 10380 | 5.81 | 5.25 | 5.89 | 8.25 | 2231 | 1626 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:53 | 303.1204861 | Deploying | 2 | 10410 | 5.9 | 5.25 | 5.91 | 8.25 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:54 | 303.1208333 | Deploying | 2 | 10440 | 5.9 | 5.25 | 5.92 | 8.24 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:54 | 303.1211806 | Deploying | 2 | 10470 | 5.9 | 5.25 | 5.94 | 8.24 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:54 | 303.1214236 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:55 | 303.1215278 | Deploying | 2 | 10500 | 5.91 | 5.31 | 5.96 | 8.21 | 2192 | 1642 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 2:55 | 303.1218750 | Deploying | 2 | 10530 | 5.95 | 5.31 | 5.97 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 2:56 | 303.1222222 | Deploying | 2 | 10560 | 5.97 | 5.31 | 5.99 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:56 | 303.1225694 | Deploying | 2 | 10590 | 5.96 | 5.31 | 6.01 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 2:56 | 303.1227546 | Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:57 | 303.1229167 | Deploying | 2 | 10620 | 5.98 | 5.37 | 6.03 | 8.21 | 2302 | 1690 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 2:57 | 303.1232639 | Deploying | 2 | 10650 | 6.01 | 5.37 | 6.04 | 8.19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:58 | 303.1236111 | Deploying | 2 | 10680 | 6.01 | 5.37 | 6.06 | 8.21 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 2:58 | 303.1237963 | Winding down 1364 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:58 | 303.1239583 | Deploying | 2 | 10710 | 6.05 | 5.42 | 6.08 | 8.24 | 2306 | 1696 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 2:59 | 303.1243056 | Deploying | 2 | 10740 | 6.07 | 5.42 | 6.09 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 2:59 | 303.1246528 | Deploying | 2 | 10770 | 6.07 | 5.42 | 6.11 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:00 | 303.1250000 | Deploying | 2 | 10800 | 6.08 | 5.42 | 6.13 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:00 | 303.1252662 | Winding down 1613 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:00 | 303.1253472 | Deploying | 2 | 10830 | 6.09 | 5.48 | 6.14 | 8.21 | 2319 | 1714 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:01 | 303.1256944 | Deploying | 2 | 10860 | 6.14 | 5.48 | 6.16 | 8.24 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:01 | 303.1260417 | Deploying | 2 | 10890 | 6.14 | 5.48 | 6.18 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:02 | 303.1263889 | Deploying | 2 | 10920 | 6.15 | 5.48 | 6.2 | 8.21 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:02 | 303.1266435 | Winding down 1549 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:02 | 303.1267361 | Deploying | 2 | 10950 | 6.16 | 5.54 | 6.21 | 8.21 | 2231 | 1658 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:03 | 303.1270833 | Deploying | 2 | 10980 | 6.21 | 5.54 | 6.23 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:03 | 303.1274306 | Deploying | 2 | 11010 | 6.21 | 5.54 | 6.25 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:04 | 303.1277778 | Deploying | 2 | 11040 | 6.2 | 5.54 | 6.26 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:04 | 303.1278356 | Winding down 1583 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:04 | 303.1281250 | Deploying | 2 | 11070 | 6.26 | 5.6 | 6.28 | 8.22 | 2219 | 1648 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:05 | 303.1284722 | Deploying | 2 | 11100 | 6.27 | 5.6 | 6.3 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:05 | 303.1288194 | Deploying | 2 | 11130 | 6.27 | 5.6 | 6.31 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:06 | 303.1291667 | Deploying | 2 | 11160 | 6.27 | 5.6 | 6.33 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:06 | 303.1292824 | Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:06 | 303.1295139 | Deploying | 2 | 11190 | 6.32 | 5.66 | 6.35 | 8.22 | 2196 | 1651 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:07 | 303.1298611 | Deploying | 2 | 11220 | 6.33 | 5.66 | 6.37 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:07 | 303.1302083 | Deploying | 2 | 11250 | 6.33 | 5.66 | 6.38 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:07 | 303.1304051 | Winding down 1653 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:08 | 303.1305556 | Deploying | 2 | 11280 | 6.36 | 5.72 | 6.4 | 8.21 | 2265 | 1693 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 3:08 | 303.1309028 | Deploying | 2 | 11310 | 6.4 | 5.72 | 6.42 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:09 | 303.1312500 | Deploying | 2 | 11340 | 6.4 | 5.72 | 6.43 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:09 | 303.1315972 | Deploying | 2 | 11370 | 6.41 | 5.72 | 6.45 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:10 | 303.1319444 | Deploying | 2 | 11400 | 6.39 | 5.72 | 6.47 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:10 | 303.1319560 | Winding down 1876 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:10 | 303.1322917 | Deploying | 2 | 11430 | 6.48 | 5.79 | 6.48 | 8.19 | 2231 | 1700 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:11 | 303.1326389 | Deploying | 2 | 11460 | 6.49 | 5.79 | 6.5 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |

| Date | Value | State | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:11 | 303.1329861 | Deploying | 2 | 11490 | 6.48 | 5.79 | 6.52 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:12 | 303.1333333 | Deploying | 2 | 11520 | 6.48 | 5.79 | 6.54 | 8.19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:12 | 303.1333912 | Winding down 1433 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:12 | 303.1336806 | Deploying | 2 | 11550 | 6.53 | 5.85 | 6.55 | 8.19 | 2341 | 1699 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:13 | 303.1340278 | Deploying | 2 | 11580 | 6.54 | 5.85 | 6.57 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:13 | 303.1343750 | Deploying | 2 | 11610 | 6.54 | 5.85 | 6.59 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:13 | 303.1346875 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:14 | 303.1347222 | Deploying | 2 | 11640 | 6.55 | 5.9 | 6.6 | 8.21 | 2194 | 1620 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:14 | 303.1350694 | Deploying | 2 | 11670 | 6.6 | 5.9 | 6.62 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:15 | 303.1354167 | Deploying | 2 | 11700 | 6.6 | 5.9 | 6.64 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:15 | 303.1357639 | Deploying | 2 | 11730 | 6.6 | 5.9 | 6.65 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:15 | 303.1359375 | Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:16 | 303.1361111 | Deploying | 2 | 11760 | 6.63 | 5.96 | 6.67 | 8.22 | 2222 | 1677 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 3:16 | 303.1364583 | Deploying | 2 | 11790 | 6.66 | 5.96 | 6.69 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:17 | 303.1368056 | Deploying | 2 | 11820 | 6.66 | 5.96 | 6.71 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:17 | 303.1371528 | Deploying | 2 | 11850 | 6.67 | 5.96 | 6.72 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:17 | 303.1373495 | Winding down 1778 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:18 | 303.1375000 | Deploying | 2 | 11880 | 6.7 | 6.03 | 6.74 | 8.21 | 2254 | 1645 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:18 | 303.1378472 | Deploying | 2 | 11910 | 6.73 | 6.03 | 6.76 | 8.24 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 3:19 | 303.1381944 | Deploying | 2 | 11940 | 6.73 | 6.03 | 6.77 | 8.21 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 3:19 | 303.1385417 | Deploying | 2 | 11970 | 6.73 | 6.03 | 6.79 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:19 | 303.1385532 | Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:20 | 303.1388889 | Deploying | 2 | 12000 | 6.8 | 6.09 | 6.81 | 8.19 | 2309 | 1693 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:20 | 303.1392361 | Deploying | 2 | 12030 | 6.8 | 6.09 | 6.82 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:21 | 303.1395833 | Deploying | 2 | 12060 | 6.81 | 6.09 | 6.84 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:21 | 303.1399306 | Deploying | 2 | 12090 | 6.81 | 6.09 | 6.86 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:21 | 303.1401157 | Winding down 1739 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:22 | 303.1402778 | Deploying | 2 | 12120 | 6.84 | 6.16 | 6.88 | 8.21 | 2175 | 1637 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:22 | 303.1406250 | Deploying | 2 | 12150 | 6.87 | 6.16 | 6.89 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:23 | 303.1409722 | Deploying | 2 | 12180 | 6.88 | 6.16 | 6.91 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:23 | 303.1413194 | Deploying | 2 | 12210 | 6.87 | 6.16 | 6.93 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:23 | 303.1414468 | Winding down 1643 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:24 | 303.1416667 | Deploying | 2 | 12240 | 6.9 | 6.22 | 6.94 | 8.21 | 2247 | 1657 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:24 | 303.1420139 | Deploying | 2 | 12270 | 6.94 | 6.22 | 6.96 | 8.24 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 3:25 | 303.1423611 | Deploying | 2 | 12300 | 6.94 | 6.22 | 6.98 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:25 | 303.1427083 | Deploying | 2 | 12330 | 6.94 | 6.22 | 6.99 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:25 | 303.1428009 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:26 | 303.1430556 | Deploying | 2 | 12360 | 6.99 | 6.28 | 7.01 | 8.21 | 2324 | 1668 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:26 | 303.1434028 | Deploying | 2 | 12390 | 7 | 6.28 | 7.03 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:27 | 303.1437500 | Deploying | 2 | 12420 | 6.99 | 6.28 | 7.05 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:27 | 303.1439583 | Winding down 1642 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:27 | 303.1440972 | Deploying | 2 | 12450 | 7.02 | 6.34 | 7.06 | 8.22 | 2259 | 1653 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:28 | 303.1444444 | Deploying | 2 | 12480 | 7.06 | 6.34 | 7.08 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:28 | 303.1447917 | Deploying | 2 | 12510 | 7.06 | 6.34 | 7.1 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:29 | 303.1451389 | Deploying | 2 | 12540 | 7.06 | 6.34 | 7.11 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:29 | 303.1451389 | Winding down 1462 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:29 | 303.1454861 | Deploying | 2 | 12570 | 7.12 | 6.4 | 7.13 | 8.22 | 2208 | 1660 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:30 | 303.1458333 | Deploying | 2 | 12600 | 7.12 | 6.4 | 7.15 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:30 | 303.1461806 | Deploying | 2 | 12630 | 7.13 | 6.4 | 7.16 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:31 | 303.1465278 | Deploying | 2 | 12660 | 7.11 | 6.4 | 7.18 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:31 | 303.1465856 | Winding down 1833 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:31 | 303.1468750 | Deploying | 2 | 12690 | 7.18 | 6.47 | 7.2 | 8.21 | 2191 | 1625 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:32 | 303.1472222 | Deploying | 2 | 12720 | 7.19 | 6.47 | 7.22 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |

| Date/Time | Value/Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:32 | 303.1475694 Deploying | 2 | 12750 | 7.19 | 6.47 | 7.23 | 8.21 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:33 | 303.1479167 Deploying | 2 | 12780 | 7.19 | 6.47 | 7.25 | 8.19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:33 | 303.1479977 Winding down 1711 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:33 | 303.1482639 Deploying | 2 | 12810 | 7.25 | 6.53 | 7.27 | 8.22 | 2335 | 1712 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:34 | 303.1486111 Deploying | 2 | 12840 | 7.26 | 6.53 | 7.28 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:34 | 303.1489583 Deploying | 2 | 12870 | 7.26 | 6.53 | 7.3 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:34 | 303.1492824 Winding down 1634 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:35 | 303.1493056 Deploying | 2 | 12900 | 7.26 | 6.59 | 7.32 | 8.11 | 2291 | 1659 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:35 | 303.1496528 Deploying | 2 | 12930 | 7.32 | 6.59 | 7.33 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:36 | 303.1500000 Deploying | 2 | 12960 | 7.33 | 6.59 | 7.35 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:36 | 303.1503472 Deploying | 2 | 12990 | 7.32 | 6.59 | 7.37 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:36 | 303.1505671 Winding down 1506 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:37 | 303.1506944 Deploying | 2 | 13020 | 7.35 | 6.65 | 7.39 | 8.21 | 2316 | 1645 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:37 | 303.1510417 Deploying | 2 | 13050 | 7.39 | 6.65 | 7.4 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:38 | 303.1513889 Deploying | 2 | 13080 | 7.39 | 6.65 | 7.42 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:38 | 303.1517361 Deploying | 2 | 13110 | 7.4 | 6.65 | 7.44 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:39 | 303.1520833 Deploying | 2 | 13140 | 7.39 | 6.65 | 7.45 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:39 | 303.1522454 Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:39 | 303.1524306 Deploying | 2 | 13170 | 7.43 | 6.71 | 7.47 | 8.22 | 2312 | 1689 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:40 | 303.1527778 Deploying | 2 | 13200 | 7.45 | 6.71 | 7.49 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:40 | 303.1531250 Deploying | 2 | 13230 | 7.46 | 6.71 | 7.5 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:40 | 303.1532523 Winding down 1293 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:41 | 303.1534722 Deploying | 2 | 13260 | 7.49 | 6.76 | 7.52 | 8.22 | 2234 | 1674 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 3:41 | 303.1538194 Deploying | 2 | 13290 | 7.5 | 6.76 | 7.54 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:42 | 303.1541667 Deploying | 2 | 13320 | 7.5 | 6.76 | 7.56 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:42 | 303.1543403 Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:42 | 303.1545139 Deploying | 2 | 13350 | 7.53 | 6.83 | 7.57 | 8.21 | 2225 | 1673 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 3:43 | 303.1548611 Deploying | 2 | 13380 | 7.57 | 6.83 | 7.59 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:43 | 303.1552083 Deploying | 2 | 13410 | 7.57 | 6.83 | 7.61 | 8.19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:44 | 303.1555556 Deploying | 2 | 13440 | 7.56 | 6.83 | 7.62 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:44 | 303.1556713 Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:44 | 303.1559028 Deploying | 2 | 13470 | 7.6 | 6.89 | 7.64 | 8.21 | 2260 | 1700 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:45 | 303.1562500 Deploying | 2 | 13500 | 7.62 | 6.89 | 7.66 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:45 | 303.1565972 Deploying | 2 | 13530 | 7.62 | 6.89 | 7.67 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:45 | 303.1567245 Winding down 1718 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:46 | 303.1569444 Deploying | 2 | 13560 | 7.67 | 6.95 | 7.69 | 8.21 | 2218 | 1698 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:46 | 303.1572917 Deploying | 2 | 13590 | 7.7 | 6.95 | 7.71 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:47 | 303.1576389 Deploying | 2 | 13620 | 7.69 | 6.95 | 7.73 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:47 | 303.1579861 Deploying | 2 | 13650 | 7.69 | 6.95 | 7.74 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:47 | 303.1581366 Winding down 1471 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:48 | 303.1583333 Deploying | 2 | 13680 | 7.73 | 7.01 | 7.76 | 8.22 | 2209 | 1666 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:48 | 303.1586806 Deploying | 2 | 13710 | 7.76 | 7.01 | 7.78 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:49 | 303.1590278 Deploying | 2 | 13740 | 7.76 | 7.01 | 7.79 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:49 | 303.1593750 Deploying | 2 | 13770 | 7.76 | 7.01 | 7.81 | 8.22 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:49 | 303.1596065 Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:50 | 303.1597222 Deploying | 2 | 13800 | 7.77 | 7.07 | 7.83 | 8.19 | 2294 | 1696 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 3:50 | 303.1600694 Deploying | 2 | 13830 | 7.82 | 7.07 | 7.84 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:51 | 303.1604167 Deploying | 2 | 13860 | 7.82 | 7.07 | 7.86 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:51 | 303.1606829 Winding down 1513 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:51 | 303.1607639 Deploying | 2 | 13890 | 7.83 | 7.13 | 7.88 | 8.19 | 2199 | 1662 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 3:52 | 303.1611111 Deploying | 2 | 13920 | 7.89 | 7.13 | 7.9 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:52 | 303.1614583 Deploying | 2 | 13950 | 7.89 | 7.13 | 7.91 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:53 | 303.1618056 Deploying | 2 | 13980 | 7.88 | 7.13 | 7.93 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |

| Date/Time | ID Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:53 | 303.1620255 Winding down 1681 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:53 | 303.1621528 Deploying | 2 | 14010 | 7.9 | 7.2 | 7.95 | 8.22 | 2238 | 1676 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 3:54 | 303.1625000 Deploying | 2 | 14040 | 7.94 | 7.2 | 7.96 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:54 | 303.1628472 Deploying | 2 | 14070 | 7.94 | 7.2 | 7.98 | 8.21 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 3:54 | 303.1631713 Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:55 | 303.1631944 Deploying | 2 | 14100 | 7.94 | 7.25 | 8 | 8.08 | 2325 | 1639 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:55 | 303.1635417 Deploying | 2 | 14130 | 7.99 | 7.25 | 8.01 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 3:56 | 303.1638889 Deploying | 2 | 14160 | 8.01 | 7.25 | 8.03 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 3:56 | 303.1642361 Deploying | 2 | 14190 | 8.01 | 7.25 | 8.05 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:57 | 303.1645833 Deploying | 2 | 14220 | 8.01 | 7.25 | 8.07 | 8.19 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 3:57 | 303.1647685 Winding down 1764 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:57 | 303.1649306 Deploying | 2 | 14250 | 8.04 | 7.32 | 8.08 | 8.17 | 2248 | 1685 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 3:58 | 303.1652778 Deploying | 2 | 14280 | 8.06 | 7.32 | 8.1 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:58 | 303.1656250 Deploying | 2 | 14310 | 8.07 | 7.32 | 8.12 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:58 | 303.1657639 Winding down 1307 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:59 | 303.1659722 Deploying | 2 | 14340 | 8.1 | 7.37 | 8.13 | 8.22 | 2177 | 1630 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 3:59 | 303.1663194 Deploying | 2 | 14370 | 8.13 | 7.37 | 8.15 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:00 | 303.1666667 Deploying | 2 | 14400 | 8.12 | 7.37 | 8.17 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:00 | 303.1670139 Deploying | 2 | 14430 | 8.14 | 7.37 | 8.18 | 8.22 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 4:00 | 303.1672106 Winding down 1503 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:01 | 303.1673611 Deploying | 2 | 14460 | 8.16 | 7.43 | 8.2 | 8.19 | 2232 | 1678 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:01 | 303.1677083 Deploying | 2 | 14490 | 8.18 | 7.43 | 8.22 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:02 | 303.1680556 Deploying | 2 | 14520 | 8.19 | 7.43 | 8.24 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:02 | 303.1683912 Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:02 | 303.1684028 Deploying | 2 | 14550 | 8.19 | 7.49 | 8.25 | 8.21 | 2187 | 1653 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:03 | 303.1687500 Deploying | 2 | 14580 | 8.26 | 7.49 | 8.27 | 8.22 | 2187 | 180 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:03 | 303.1690972 Deploying | 2 | 14610 | 8.26 | 7.49 | 8.29 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:04 | 303.1694444 Deploying | 2 | 14640 | 8.26 | 7.49 | 8.3 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:04 | 303.1697917 Deploying | 2 | 14670 | 8.26 | 7.49 | 8.32 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:04 | 303.1698495 Winding down 1458 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:05 | 303.1701389 Deploying | 2 | 14700 | 8.32 | 7.55 | 8.34 | 8.17 | 2191 | 1647 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:05 | 303.1704861 Deploying | 2 | 14730 | 8.31 | 7.55 | 8.35 | 8.22 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 4:06 | 303.1708333 Deploying | 2 | 14760 | 8.32 | 7.55 | 8.37 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:06 | 303.1708912 Winding down 1383 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:06 | 303.1711806 Deploying | 2 | 14790 | 8.36 | 7.6 | 8.39 | 8.16 | 2316 | 1660 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:07 | 303.1715278 Deploying | 2 | 14820 | 8.38 | 7.6 | 8.41 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:07 | 303.1718750 Deploying | 2 | 14850 | 8.38 | 7.6 | 8.42 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:08 | 303.1722222 Deploying | 2 | 14880 | 8.38 | 7.6 | 8.44 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:08 | 303.1722917 Winding down 1772 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:08 | 303.1725694 Deploying | 2 | 14910 | 8.42 | 7.67 | 8.46 | 8.19 | 2334 | 1675 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:09 | 303.1729167 Deploying | 2 | 14940 | 8.43 | 7.67 | 8.47 | 8.17 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 4:09 | 303.1732639 Deploying | 2 | 14970 | 8.44 | 7.67 | 8.49 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:09 | 303.1734259 Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:10 | 303.1736111 Deploying | 2 | 15000 | 8.48 | 7.73 | 8.51 | 8.17 | 2316 | 1662 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 4:10 | 303.1739583 Deploying | 2 | 15030 | 8.5 | 7.73 | 8.52 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:11 | 303.1743056 Deploying | 2 | 15060 | 8.51 | 7.73 | 8.54 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:11 | 303.1746528 Deploying | 2 | 15090 | 8.5 | 7.73 | 8.56 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:11 | 303.1748495 Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:12 | 303.1750000 Deploying | 2 | 15120 | 8.53 | 7.79 | 8.58 | 8.21 | 2298 | 1654 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:12 | 303.1753472 Deploying | 2 | 15150 | 8.56 | 7.79 | 8.59 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:13 | 303.1756944 Deploying | 2 | 15180 | 8.56 | 7.79 | 8.61 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:13 | 303.1759028 Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:13 | 303.1760417 Deploying | 2 | 15210 | 8.58 | 7.85 | 8.63 | 8.19 | 2283 | 1680 | 0 | 6 | 6 | 6 | 6 |

| 10/29/2016 4:14 | 303.1763889 Deploying | 2 | 15240 | 8.62 | 7.85 | 8.64 | 8.21 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 4:14 | 303.1767361 Deploying | 2 | 15270 | 8.63 | 7.85 | 8.66 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:15 | 303.1770833 Deploying | 2 | 15300 | 8.63 | 7.85 | 8.68 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:15 | 303.1771875 Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:15 | 303.1774306 Deploying | 2 | 15330 | 8.67 | 7.9 | 8.69 | 8.21 | 2183 | 1690 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:16 | 303.1777778 Deploying | 2 | 15360 | 8.68 | 7.9 | 8.71 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:16 | 303.1781250 Deploying | 2 | 15390 | 8.68 | 7.9 | 8.73 | 8.19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 4:16 | 303.1784028 Winding down 1802 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:17 | 303.1784722 Deploying | 2 | 15420 | 8.68 | 7.97 | 8.75 | 8.17 | 2235 | 1663 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 4:17 | 303.1788194 Deploying | 2 | 15450 | 8.74 | 7.97 | 8.76 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:18 | 303.1791667 Deploying | 2 | 15480 | 8.75 | 7.97 | 8.78 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:18 | 303.1795139 Deploying | 2 | 15510 | 8.73 | 7.97 | 8.8 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:18 | 303.1796296 Winding down 1779 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:19 | 303.1798611 Deploying | 2 | 15540 | 8.79 | 8.04 | 8.81 | 8.19 | 2118 | 1641 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 4:19 | 303.1802083 Deploying | 2 | 15570 | 8.81 | 8.04 | 8.83 | 8.22 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 4:20 | 303.1805556 Deploying | 2 | 15600 | 8.81 | 8.04 | 8.85 | 8.17 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 4:20 | 303.1809028 Deploying | 2 | 15630 | 8.82 | 8.04 | 8.86 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:20 | 303.1811111 Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:21 | 303.1812500 Deploying | 2 | 15660 | 8.84 | 8.1 | 8.88 | 8.19 | 2232 | 1651 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 4:21 | 303.1815972 Deploying | 2 | 15690 | 8.87 | 8.1 | 8.9 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:22 | 303.1819444 Deploying | 2 | 15720 | 8.89 | 8.1 | 8.92 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:22 | 303.1822917 Deploying | 2 | 15750 | 8.88 | 8.1 | 8.93 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:22 | 303.1826042 Winding down 1845 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:23 | 303.1826389 Deploying | 2 | 15780 | 8.88 | 8.17 | 8.95 | 8.17 | 2309 | 1688 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:23 | 303.1829861 Deploying | 2 | 15810 | 8.96 | 8.17 | 8.97 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:24 | 303.1833333 Deploying | 2 | 15840 | 8.95 | 8.17 | 8.98 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:24 | 303.1836806 Deploying | 2 | 15870 | 8.96 | 8.17 | 9 | 8.17 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 4:25 | 303.1840278 Deploying | 2 | 15900 | 8.96 | 8.17 | 9.02 | 8.17 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 4:25 | 303.1841204 Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:25 | 303.1843750 Deploying | 2 | 15930 | 9 | 8.23 | 9.03 | 8.16 | 2249 | 1711 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:26 | 303.1847222 Deploying | 2 | 15960 | 9.03 | 8.23 | 9.05 | 8.17 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 4:26 | 303.1850694 Deploying | 2 | 15990 | 9.02 | 8.23 | 9.07 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:26 | 303.1853819 Winding down 1745 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:27 | 303.1854167 Deploying | 2 | 16020 | 9.02 | 8.29 | 9.09 | 8.17 | 2279 | 1697 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:27 | 303.1857639 Deploying | 2 | 16050 | 9.09 | 8.29 | 9.1 | 8.22 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:28 | 303.1861111 Deploying | 2 | 16080 | 9.08 | 8.29 | 9.12 | 8.19 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 4:28 | 303.1864583 Deploying | 2 | 16110 | 9.09 | 8.29 | 9.14 | 8.21 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:28 | 303.1867245 Winding down 1588 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:29 | 303.1868056 Deploying | 2 | 16140 | 9.1 | 8.36 | 9.15 | 8.21 | 2285 | 1710 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 4:29 | 303.1871528 Deploying | 2 | 16170 | 9.15 | 8.36 | 9.17 | 8.21 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:30 | 303.1875000 Deploying | 2 | 16200 | 9.14 | 8.36 | 9.19 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:30 | 303.1877546 Winding down 1549 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:30 | 303.1878472 Deploying | 2 | 16230 | 9.16 | 8.41 | 9.2 | 8.14 | 2194 | 1652 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:31 | 303.1881944 Deploying | 2 | 16260 | 9.22 | 8.41 | 9.22 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:31 | 303.1885417 Deploying | 2 | 16290 | 9.23 | 8.41 | 9.24 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:32 | 303.1888889 Deploying | 2 | 16320 | 9.21 | 8.41 | 9.26 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:32 | 303.1892361 Deploying | 2 | 16350 | 9.22 | 8.41 | 9.27 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:32 | 303.1894792 Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:33 | 303.1895833 Deploying | 2 | 16380 | 9.25 | 8.47 | 9.29 | 8.19 | 2215 | 1630 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:33 | 303.1899306 Deploying | 2 | 16410 | 9.28 | 8.47 | 9.31 | 8.17 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 4:34 | 303.1902778 Deploying | 2 | 16440 | 9.29 | 8.47 | 9.32 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:34 | 303.1906250 Deploying | 2 | 16470 | 9.28 | 8.47 | 9.34 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:34 | 303.1908218 Winding down 1828 ticks | 3 | | | | | | | | | | | | |

| Date | Status | | Col | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 4:35 | 303.1909722 Deploying | 2 | 16500 | 9.31 | 8.54 | 9.36 | 8.17 | 2330 | 1707 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 4:35 | 303.1913194 Deploying | 2 | 16530 | 9.35 | 8.54 | 9.37 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:36 | 303.1916667 Deploying | 2 | 16560 | 9.36 | 8.54 | 9.39 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:36 | 303.1920139 Deploying | 2 | 16590 | 9.36 | 8.54 | 9.41 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:36 | 303.1922222 Winding down 1742 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:37 | 303.1923611 Deploying | 2 | 16620 | 9.37 | 8.61 | 9.43 | 8.17 | 2213 | 1630 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 4:37 | 303.1927083 Deploying | 2 | 16650 | 9.42 | 8.61 | 9.44 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:38 | 303.1930556 Deploying | 2 | 16680 | 9.42 | 8.61 | 9.46 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:38 | 303.1934028 Deploying | 2 | 16710 | 9.42 | 8.61 | 9.48 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:38 | 303.1934954 Winding down 1425 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:39 | 303.1937500 Deploying | 2 | 16740 | 9.47 | 8.67 | 9.49 | 8.17 | 2053 | 1632 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:39 | 303.1940972 Deploying | 2 | 16770 | 9.49 | 8.67 | 9.51 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:40 | 303.1944444 Deploying | 2 | 16800 | 9.48 | 8.67 | 9.53 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:40 | 303.1947917 Deploying | 2 | 16830 | 9.49 | 8.67 | 9.54 | 8.14 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:40 | 303.1948843 Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:41 | 303.1951389 Deploying | 2 | 16860 | 9.54 | 8.73 | 9.56 | 8.19 | 2338 | 1684 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:41 | 303.1954861 Deploying | 2 | 16890 | 9.56 | 8.73 | 9.58 | 8.14 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:42 | 303.1958333 Deploying | 2 | 16920 | 9.56 | 8.73 | 9.6 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:42 | 303.1961806 Deploying | 2 | 16950 | 9.56 | 8.73 | 9.61 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:42 | 303.1963773 Winding down 1478 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:43 | 303.1965278 Deploying | 2 | 16980 | 9.58 | 8.79 | 9.63 | 8.14 | 2304 | 1694 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:43 | 303.1968750 Deploying | 2 | 17010 | 9.62 | 8.79 | 9.65 | 8.16 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 4:44 | 303.1972222 Deploying | 2 | 17040 | 9.62 | 8.79 | 9.66 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:44 | 303.1974537 Winding down 1445 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:44 | 303.1975694 Deploying | 2 | 17070 | 9.64 | 8.84 | 9.68 | 8.14 | 2271 | 1686 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:45 | 303.1979167 Deploying | 2 | 17100 | 9.67 | 8.84 | 9.7 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:45 | 303.1982639 Deploying | 2 | 17130 | 9.68 | 8.84 | 9.71 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:46 | 303.1986111 Deploying | 2 | 17160 | 9.68 | 8.84 | 9.73 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:46 | 303.1988889 Winding down 1677 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:46 | 303.1989583 Deploying | 2 | 17190 | 9.69 | 8.91 | 9.75 | 8.17 | 2230 | 1686 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:47 | 303.1993056 Deploying | 2 | 17220 | 9.75 | 8.91 | 9.77 | 8.14 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:47 | 303.1996528 Deploying | 2 | 17250 | 9.74 | 8.91 | 9.78 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:48 | 303.2000000 Deploying | 2 | 17280 | 9.74 | 8.91 | 9.8 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:48 | 303.2000347 Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:48 | 303.2003472 Deploying | 2 | 17310 | 9.79 | 8.97 | 9.82 | 8.19 | 1991 | 1623 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:49 | 303.2006944 Deploying | 2 | 17340 | 9.8 | 8.97 | 9.83 | 8.16 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 4:49 | 303.2010417 Deploying | 2 | 17370 | 9.8 | 8.97 | 9.85 | 8.19 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:49 | 303.2012731 Winding down 1770 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:50 | 303.2013889 Deploying | 2 | 17400 | 9.81 | 9.04 | 9.87 | 8.17 | 2285 | 1674 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 4:50 | 303.2017361 Deploying | 2 | 17430 | 9.87 | 9.04 | 9.88 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:51 | 303.2020833 Deploying | 2 | 17460 | 9.86 | 9.04 | 9.9 | 8.17 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 4:51 | 303.2024306 Deploying | 2 | 17490 | 9.87 | 9.04 | 9.92 | 8.14 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 4:51 | 303.2026157 Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:52 | 303.2027778 Deploying | 2 | 17520 | 9.89 | 9.1 | 9.94 | 8.16 | 2253 | 1679 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 4:52 | 303.2031250 Deploying | 2 | 17550 | 9.94 | 9.1 | 9.95 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:53 | 303.2034722 Deploying | 2 | 17580 | 9.94 | 9.1 | 9.97 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:53 | 303.2038194 Deploying | 2 | 17610 | 9.94 | 9.1 | 9.99 | 8.17 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 4:53 | 303.2041088 Winding down 1541 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:54 | 303.2041667 Deploying | 2 | 17640 | 9.94 | 9.16 | 10 | 8.16 | 2234 | 1691 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 4:54 | 303.2045139 Deploying | 2 | 17670 | 9.99 | 9.16 | 10.02 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:55 | 303.2048611 Deploying | 2 | 17700 | 10 | 9.16 | 10.04 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:55 | 303.2051620 Winding down 1380 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:55 | 303.2052083 Deploying | 2 | 17730 | 10 | 9.21 | 10.05 | 8.19 | 2332 | 1677 | 0 | 5 | 5 | 5 | 5 |

| Date/Time | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 4:56 | 303.2055556 Deploying | 2 | 17760 | 10.06 | 9.21 | 10.07 | 8.16 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 4:56 | 303.2059028 Deploying | 2 | 17790 | 10.06 | 9.21 | 10.09 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 4:57 | 303.2062500 Deploying | 2 | 17820 | 10.05 | 9.21 | 10.11 | 8.16 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 4:57 | 303.2064352 Winding down 1939 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:57 | 303.2065972 Deploying | 2 | 17850 | 10.05 | 9.29 | 10.12 | 8.16 | 2247 | 1667 | 0 | 6 | 8 | 6 | 8 |
| 10/29/2016 4:58 | 303.2069444 Deploying | 2 | 17880 | 10.11 | 9.29 | 10.14 | 8.14 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 4:58 | 303.2072917 Deploying | 2 | 17910 | 10.13 | 9.29 | 10.16 | 8.14 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 4:58 | 303.2074653 Winding down 1400 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:59 | 303.2076389 Deploying | 2 | 17940 | 10.13 | 9.34 | 10.17 | 8.16 | 2231 | 1658 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 4:59 | 303.2079861 Deploying | 2 | 17970 | 10.19 | 9.34 | 10.19 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:00 | 303.2083333 Deploying | 2 | 18000 | 10.19 | 9.34 | 10.21 | 8.14 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:00 | 303.2086806 Deploying | 2 | 18030 | 10.17 | 9.34 | 10.22 | 8.16 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 5:00 | 303.2088889 Winding down 1792 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:01 | 303.2090278 Deploying | 2 | 18060 | 10.18 | 9.41 | 10.24 | 8.13 | 2138 | 1641 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:01 | 303.2093750 Deploying | 2 | 18090 | 10.24 | 9.41 | 10.26 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:02 | 303.2097222 Deploying | 2 | 18120 | 10.24 | 9.41 | 10.28 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:02 | 303.2100694 Deploying | 2 | 18150 | 10.24 | 9.41 | 10.29 | 8.14 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 5:02 | 303.2102083 Winding down 1407 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:03 | 303.2104167 Deploying | 2 | 18180 | 10.27 | 9.46 | 10.31 | 8.16 | 2182 | 1641 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:03 | 303.2107639 Deploying | 2 | 18210 | 10.29 | 9.46 | 10.33 | 8.17 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 5:04 | 303.2111111 Deploying | 2 | 18240 | 10.31 | 9.46 | 10.34 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:04 | 303.2114583 Deploying | 2 | 18270 | 10.31 | 9.46 | 10.36 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:04 | 303.2116088 Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:05 | 303.2118056 Deploying | 2 | 18300 | 10.34 | 9.52 | 10.38 | 8.16 | 2233 | 1637 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:05 | 303.2121528 Deploying | 2 | 18330 | 10.36 | 9.52 | 10.39 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:06 | 303.2125000 Deploying | 2 | 18360 | 10.36 | 9.52 | 10.41 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:06 | 303.2127431 Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:06 | 303.2128472 Deploying | 2 | 18390 | 10.4 | 9.58 | 10.43 | 8.17 | 2247 | 1681 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:07 | 303.2131944 Deploying | 2 | 18420 | 10.42 | 9.58 | 10.45 | 8.16 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 5:07 | 303.2135417 Deploying | 2 | 18450 | 10.43 | 9.58 | 10.46 | 8.16 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 5:08 | 303.2138889 Deploying | 2 | 18480 | 10.44 | 9.58 | 10.48 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:08 | 303.2142361 Deploying | 2 | 18510 | 10.44 | 9.58 | 10.5 | 8.14 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:08 | 303.2143056 Winding down 1622 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:09 | 303.2145833 Deploying | 2 | 18540 | 10.49 | 9.64 | 10.51 | 8.14 | 2049 | 1627 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 5:09 | 303.2149306 Deploying | 2 | 18570 | 10.51 | 9.64 | 10.53 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:10 | 303.2152778 Deploying | 2 | 18600 | 10.5 | 9.64 | 10.55 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:10 | 303.2156250 Deploying | 2 | 18630 | 10.5 | 9.64 | 10.56 | 8.14 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:10 | 303.2156481 Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:11 | 303.2159722 Deploying | 2 | 18660 | 10.55 | 9.7 | 10.58 | 8.16 | 2313 | 1668 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 5:11 | 303.2163194 Deploying | 2 | 18690 | 10.57 | 9.7 | 10.6 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:12 | 303.2166667 Deploying | 2 | 18720 | 10.56 | 9.7 | 10.62 | 8.14 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:12 | 303.2167245 Winding down 1633 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:12 | 303.2170139 Deploying | 2 | 18750 | 10.61 | 9.77 | 10.63 | 8.13 | 2311 | 1703 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 5:13 | 303.2173611 Deploying | 2 | 18780 | 10.63 | 9.77 | 10.65 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:13 | 303.2177083 Deploying | 2 | 18810 | 10.62 | 9.77 | 10.67 | 8.17 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 5:14 | 303.2180556 Deploying | 2 | 18840 | 10.63 | 9.77 | 10.68 | 8.14 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 5:14 | 303.2183218 Winding down 1463 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:14 | 303.2184028 Deploying | 2 | 18870 | 10.65 | 9.82 | 10.7 | 8.17 | 2223 | 1663 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:15 | 303.2187500 Deploying | 2 | 18900 | 10.7 | 9.82 | 10.72 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:15 | 303.2190972 Deploying | 2 | 18930 | 10.69 | 9.82 | 10.73 | 8.16 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 5:16 | 303.2194444 Deploying | 2 | 18960 | 10.68 | 9.82 | 10.75 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:16 | 303.2194792 Winding down 1805 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:16 | 303.2197917 Deploying | 2 | 18990 | 10.75 | 9.89 | 10.77 | 8.14 | 2062 | 1626 | 0 | 5 | 6 | 5 | 6 |

| Date/Time | Code/State | S | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:17 | 303.2201389 Deploying | 2 | 19020 | 10.76 | 9.89 | 10.79 | 8.17 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:17 | 303.2204861 Deploying | 2 | 19050 | 10.75 | 9.89 | 10.8 | 8.16 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 5:17 | 303.2207639 Winding down 1752 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:18 | 303.2208333 Deploying | 2 | 19080 | 10.75 | 9.96 | 10.82 | 8.16 | 2235 | 1666 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 5:18 | 303.2211806 Deploying | 2 | 19110 | 10.82 | 9.96 | 10.84 | 8.14 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:19 | 303.2215278 Deploying | 2 | 19140 | 10.84 | 9.96 | 10.85 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:19 | 303.2218750 Deploying | 2 | 19170 | 10.83 | 9.96 | 10.87 | 8.14 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 5:19 | 303.2221644 Winding down 1466 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:20 | 303.2222222 Deploying | 2 | 19200 | 10.83 | 10.02 | 10.89 | 8.16 | 2313 | 1658 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:20 | 303.2225694 Deploying | 2 | 19230 | 10.88 | 10.02 | 10.9 | 8.17 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 5:21 | 303.2229167 Deploying | 2 | 19260 | 10.86 | 10.02 | 10.92 | 8.16 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 5:21 | 303.2231019 Winding down 1764 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:21 | 303.2232639 Deploying | 2 | 19290 | 10.89 | 10.08 | 10.94 | 8.17 | 2196 | 1661 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 5:22 | 303.2236111 Deploying | 2 | 19320 | 10.95 | 10.08 | 10.96 | 8.14 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 5:22 | 303.2239583 Deploying | 2 | 19350 | 10.94 | 10.08 | 10.97 | 8.14 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:23 | 303.2243056 Deploying | 2 | 19380 | 10.96 | 10.08 | 10.99 | 8.17 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:23 | 303.2246528 Deploying | 2 | 19410 | 10.97 | 10.08 | 11.01 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:24 | 303.2250000 Deploying | 2 | 19440 | 10.96 | 10.08 | 11.02 | 8.17 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 5:24 | 303.2250926 Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:24 | 303.2253472 Deploying | 2 | 19470 | 11.01 | 10.14 | 11.04 | 8.16 | 2315 | 1695 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 5:25 | 303.2256944 Deploying | 2 | 19500 | 11.04 | 10.14 | 11.06 | 8.14 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 5:25 | 303.2260417 Deploying | 2 | 19530 | 11.02 | 10.14 | 11.07 | 8.16 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:25 | 303.2261227 Winding down 1561 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:26 | 303.2263889 Deploying | 2 | 19560 | 11.07 | 10.2 | 11.09 | 8.16 | 2176 | 1624 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:26 | 303.2267361 Deploying | 2 | 19590 | 11.08 | 10.2 | 11.11 | 8.14 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:27 | 303.2270833 Deploying | 2 | 19620 | 11.08 | 10.2 | 11.13 | 8.14 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 5:27 | 303.2274306 Deploying | 2 | 19650 | 11.09 | 10.2 | 11.14 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:27 | 303.2276852 Winding down 1699 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:28 | 303.2277778 Deploying | 2 | 19680 | 11.11 | 10.27 | 11.16 | 8.14 | 2244 | 1684 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:28 | 303.2281250 Deploying | 2 | 19710 | 11.15 | 10.27 | 11.18 | 8.17 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 5:29 | 303.2284722 Deploying | 2 | 19740 | 11.16 | 10.27 | 11.19 | 8.14 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 5:29 | 303.2288194 Deploying | 2 | 19770 | 11.15 | 10.27 | 11.21 | 8.13 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:29 | 303.2288194 Winding down 1537 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:30 | 303.2291667 Deploying | 2 | 19800 | 11.22 | 10.33 | 11.23 | 8.14 | 2311 | 1711 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:30 | 303.2295139 Deploying | 2 | 19830 | 11.2 | 10.33 | 11.24 | 8.16 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:31 | 303.2298611 Deploying | 2 | 19860 | 11.22 | 10.33 | 11.26 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:31 | 303.2302083 Deploying | 2 | 19890 | 11.23 | 10.33 | 11.28 | 8.13 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:31 | 303.2303472 Winding down 1657 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:32 | 303.2305556 Deploying | 2 | 19920 | 11.26 | 10.39 | 11.3 | 8.16 | 2241 | 1683 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:32 | 303.2309028 Deploying | 2 | 19950 | 11.29 | 10.39 | 11.31 | 8.17 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 5:33 | 303.2312500 Deploying | 2 | 19980 | 11.29 | 10.39 | 11.33 | 8.16 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 5:33 | 303.2315972 Deploying | 2 | 20010 | 11.28 | 10.39 | 11.35 | 8.16 | 0 | 0 | 0 | 6 | 6 | 7 | 6 |
| 10/29/2016 5:33 | 303.2316435 Winding down 1794 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:33 | 303.2317477 Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/29/2016 5:33 | 303.2317477 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/29/2016 5:33 | 303.2317708 Winding up 1425 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:33 | 303.2317940 Winding up 2825 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:33 | 303.2318287 Winding up 4575 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:33 | 303.2318866 Winding up 6925 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:34 | 303.2319444 Rewinding | 5 | 20023 | 11.21 | 9.85 | 10.9 | 7.98 | 1134 | 825 | | | | | |
| 10/29/2016 5:34 | 303.2319676 Winding up 9050 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:34 | 303.2320833 Winding up 9150 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:34 | 303.2321991 Winding up 6850 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:34 | 303.2322801 Winding up 5349 ticks | 3 | | | | | | | | |
| 10/29/2016 5:34 | 303.2322917 Rewinding | 5 | 20023 | 10.33 | 8.69 | 10.15 | 8.11 | 1168 | 864 | |
| 10/29/2016 5:34 | 303.2323495 Winding up 3850 ticks | 3 | | | | | | | | |
| 10/29/2016 5:34 | 303.2323958 Winding up 2950 ticks | 3 | | | | | | | | |
| 10/29/2016 5:34 | 303.2324306 Winding up 2275 ticks | 3 | | | | | | | | |
| 10/29/2016 5:34 | 303.2324653 Winding up 1500 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2326389 Rewinding | 5 | 20023 | 9.4 | 8.28 | 9.4 | 8.08 | 1169 | 841 | |
| 10/29/2016 5:35 | 303.2326852 Winding up 1475 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2327083 Winding up 2025 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2327431 Winding up 2874 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2327778 Winding up 3825 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2328241 Winding up 4949 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2328819 Winding up 6150 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2329630 Winding up 6525 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2329861 Rewinding | 5 | 20023 | 8.88 | 7.21 | 8.65 | 7.9 | 1140 | 848 | |
| 10/29/2016 5:35 | 303.2330440 Winding up 5450 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2331134 Winding up 3950 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2331597 Winding up 2975 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2332060 Winding up 2025 ticks | 3 | | | | | | | | |
| 10/29/2016 5:35 | 303.2332407 Winding up 1400 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2333333 Rewinding | 5 | 20023 | 7.89 | 6.61 | 7.9 | 8.05 | 1166 | 864 | |
| 10/29/2016 5:36 | 303.2334144 Winding up 1350 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2334375 Winding up 1850 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2334606 Winding up 2225 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2334954 Winding up 2850 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2335301 Winding up 3575 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2335764 Winding up 4425 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2336343 Winding up 5375 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2336806 Rewinding | 5 | 20023 | 7.34 | 5.78 | 7.15 | 7.87 | 1144 | 875 | |
| 10/29/2016 5:36 | 303.2337037 Winding up 5450 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2337731 Winding up 4600 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2338310 Winding up 3600 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2338773 Winding up 2775 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2339120 Winding up 2200 ticks | 3 | | | | | | | | |
| 10/29/2016 5:36 | 303.2339468 Winding up 1525 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2340278 Rewinding | 5 | 20023 | 6.39 | 5.01 | 6.4 | 8.1 | 1137 | 845 | |
| 10/29/2016 5:37 | 303.2341319 Winding up 1250 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2341551 Winding up 1575 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2341782 Winding up 2050 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2342130 Winding up 2575 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2342477 Winding up 3300 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2342940 Winding up 4225 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2343519 Winding up 5225 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2343750 Rewinding | 5 | 20023 | 5.84 | 4.24 | 5.65 | 7.89 | 1141 | 824 | |
| 10/29/2016 5:37 | 303.2344213 Winding up 5500 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2344907 Winding up 5050 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2345602 Winding up 4100 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2346181 Winding up 3025 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2346644 Winding up 2250 ticks | 3 | | | | | | | | |
| 10/29/2016 5:37 | 303.2346991 Winding up 1650 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2347222 Rewinding | 5 | 20023 | 4.92 | 3.42 | 4.9 | 7.9 | 1152 | 826 | |
| 10/29/2016 5:38 | 303.2347222 Winding up 1300 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2348958 Winding up 1250 ticks | 3 | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:38 | 303.2349190 Winding up 1650 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2349421 Winding up 2125 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2349769 Winding up 2850 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2350116 Winding up 3675 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2350579 Winding up 4575 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2350694 Rewinding | 5 | 20023 | 4.31 | 2.76 | 4.15 | 8.08 | 1137 | 853 | |
| 10/29/2016 5:38 | 303.2351157 Winding up 5450 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2351852 Winding up 5650 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2352546 Winding up 4775 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2353125 Winding up 3600 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2353588 Winding up 2400 ticks | 3 | | | | | | | | |
| 10/29/2016 5:38 | 303.2353935 Winding up 1650 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2354167 Rewinding | 5 | 20023 | 3.42 | 1.87 | 3.4 | 7.81 | 1137 | 857 | |
| 10/29/2016 5:39 | 303.2356134 Winding up 1300 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2356366 Winding up 1925 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2356597 Winding up 2400 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2356944 Winding up 3250 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2357407 Winding up 4325 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2357639 Rewinding | 5 | 20023 | 2.81 | 1.37 | 2.65 | 7.9 | 1168 | 848 | |
| 10/29/2016 5:39 | 303.2357986 Winding up 5550 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2358681 Winding up 6250 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2359491 Winding up 5550 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2360185 Winding up 4150 ticks | 3 | | | | | | | | |
| 10/29/2016 5:39 | 303.2360764 Winding up 3000 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2361111 Rewinding | 5 | 20023 | 1.97 | 0.45 | 1.9 | 7.94 | 1168 | 200 | |
| 10/29/2016 5:40 | 303.2361111 Winding up 2375 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2361458 Winding up 1625 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2363542 Winding up 1475 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2363773 Winding up 2000 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2364120 Winding up 2725 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2364468 Winding up 3550 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2364583 Rewinding | 5 | 20023 | 1.27 | -0.07 | 1.15 | 8 | 1135 | 843 | |
| 10/29/2016 5:40 | 303.2364931 Winding up 4550 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2365509 Winding up 5725 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2366204 Winding up 6100 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2367014 Winding up 5025 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2367245 Winding up 4575 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2367361 Winding up 4450 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2367477 Winding up 4325 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2367593 Winding up 4175 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2367708 Winding up 4050 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2367824 Winding up 3975 ticks | 3 | | | | | | | | |
| 10/29/2016 5:40 | 303.2367940 Winding up 3950 ticks | 3 | | | | | | | | |
| 10/29/2016 5:41 | 303.2368056 Rewinding | 5 | 20023 | 0.53 | -0.79 | 0.4 | 8.02 | 1170 | 1153 | |
| 10/29/2016 5:41 | 303.2368056 Winding up 3900 ticks | 3 | | | | | | | | |
| 10/29/2016 5:41 | 303.2368171 Winding up 3875 ticks | 3 | | | | | | | | |
| 10/29/2016 5:41 | 303.2368287 Overcurrent (motor jam) condition detected | 5 | | | | | | | | |
| 10/29/2016 5:41 | 303.2368287 State 5 (FINISHED) | 5 | | | | | | | | |
| 10/29/2016 6:38 | 303.2767708 Manual stop | 5 | | | | | | | | |
| 10/29/2016 6:38 | 303.2767708 State 1 (IDLE) | 5 | | | | | | | | |

DPS5-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:00 | 303.5836806 | Deploying | 2 | 30 | 0.28 | 0 | 0.02 | 8.13 | 0 | 0 | 0 | 16 | 15 | 16 | 15 |
| 10/28/2016 14:01 | 303.5840278 | Deploying | 2 | 60 | 0.28 | 0 | 0.04 | 8.14 | 0 | 0 | 0 | 17 | 17 | 16 | 17 |
| 10/28/2016 14:01 | 303.5843750 | Deploying | 2 | 90 | 0.29 | 0 | 0.06 | 8.16 | 0 | 0 | 0 | 17 | 17 | 16 | 17 |
| 10/28/2016 14:02 | 303.5847222 | Deploying | 2 | 120 | 0.29 | 0 | 0.08 | 8.16 | 0 | 0 | 0 | 16 | 15 | 14 | 15 |
| 10/28/2016 14:02 | 303.5850694 | Deploying | 2 | 150 | 0.24 | 0 | 0.09 | 8.14 | 0 | 0 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 14:03 | 303.5854167 | Deploying | 2 | 180 | 0.25 | 0 | 0.11 | 8.1 | 0 | 0 | 0 | 17 | 19 | 19 | 19 |
| 10/28/2016 14:03 | 303.5857639 | Deploying | 2 | 210 | 0.26 | 0 | 0.13 | 8.14 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/28/2016 14:04 | 303.5861111 | Deploying | 2 | 240 | 0.25 | 0 | 0.14 | 8.13 | 0 | 0 | 0 | 16 | 16 | 17 | 16 |
| 10/28/2016 14:04 | 303.5864583 | Deploying | 2 | 270 | 0.25 | 0 | 0.16 | 8.14 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 14:05 | 303.5868056 | Deploying | 2 | 300 | 0.25 | 0 | 0.18 | 8.14 | 0 | 0 | 0 | 15 | 15 | 17 | 15 |
| 10/28/2016 14:05 | 303.5871528 | Deploying | 2 | 330 | 0.25 | 0 | 0.19 | 8.13 | 0 | 0 | 0 | 16 | 17 | 18 | 17 |
| 10/28/2016 14:06 | 303.5875000 | Deploying | 2 | 360 | 0.26 | 0 | 0.21 | 8.16 | 0 | 0 | 0 | 17 | 17 | 18 | 17 |
| 10/28/2016 14:06 | 303.5878472 | Deploying | 2 | 390 | 0.26 | 0 | 0.23 | 8.14 | 0 | 0 | 0 | 19 | 17 | 19 | 17 |
| 10/28/2016 14:07 | 303.5881944 | Deploying | 2 | 420 | 0.26 | 0 | 0.25 | 8.11 | 0 | 0 | 0 | 14 | 17 | 16 | 17 |
| 10/28/2016 14:07 | 303.5885417 | Deploying | 2 | 450 | 0.26 | 0 | 0.26 | 8.13 | 0 | 0 | 0 | 15 | 18 | 17 | 18 |
| 10/28/2016 14:08 | 303.5888889 | Deploying | 2 | 480 | 0.26 | 0 | 0.28 | 8.13 | 0 | 0 | 0 | 17 | 16 | 17 | 16 |
| 10/28/2016 14:08 | 303.5892361 | Deploying | 2 | 510 | 0.25 | 0 | 0.3 | 8.1 | 0 | 0 | 0 | 15 | 18 | 17 | 18 |
| 10/28/2016 14:09 | 303.5895833 | Deploying | 2 | 540 | 0.26 | 0 | 0.31 | 8.14 | 0 | 0 | 0 | 14 | 14 | 16 | 14 |
| 10/28/2016 14:09 | 303.5897801 | Winding down 2128 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:09 | 303.5899306 | Deploying | 2 | 570 | 0.27 | 0.08 | 0.33 | 8.14 | 1965 | 1483 | 0 | 13 | 17 | 15 | 17 |
| 10/28/2016 14:10 | 303.5902778 | Deploying | 2 | 600 | 0.32 | 0.08 | 0.35 | 8.11 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:10 | 303.5906250 | Deploying | 2 | 630 | 0.34 | 0.08 | 0.36 | 8.11 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 14:11 | 303.5909722 | Deploying | 2 | 660 | 0.32 | 0.08 | 0.38 | 8.11 | 0 | 0 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 14:11 | 303.5910764 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:11 | 303.5913194 | Deploying | 2 | 690 | 0.36 | 0.14 | 0.4 | 8.1 | 1995 | 1491 | 0 | 16 | 15 | 16 | 15 |
| 10/28/2016 14:12 | 303.5916667 | Deploying | 2 | 720 | 0.38 | 0.14 | 0.42 | 8.14 | 0 | 0 | 0 | 13 | 21 | 17 | 21 |
| 10/28/2016 14:12 | 303.5920139 | Deploying | 2 | 750 | 0.39 | 0.14 | 0.43 | 8.14 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:13 | 303.5923611 | Deploying | 2 | 780 | 0.39 | 0.14 | 0.45 | 8.1 | 0 | 0 | 0 | 19 | 17 | 16 | 17 |
| 10/28/2016 14:13 | 303.5925116 | Winding down 1746 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:13 | 303.5927083 | Deploying | 2 | 810 | 0.43 | 0.21 | 0.47 | 8.13 | 1966 | 1494 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:14 | 303.5930556 | Deploying | 2 | 840 | 0.46 | 0.21 | 0.48 | 8.11 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 14:14 | 303.5934028 | Deploying | 2 | 870 | 0.46 | 0.21 | 0.5 | 8.11 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 14:15 | 303.5937500 | Deploying | 2 | 900 | 0.47 | 0.21 | 0.52 | 8.13 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:15 | 303.5940625 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:15 | 303.5940972 | Deploying | 2 | 930 | 0.47 | 0.27 | 0.53 | 8.11 | 2170 | 1545 | 0 | 16 | 18 | 16 | 18 |
| 10/28/2016 14:16 | 303.5944444 | Deploying | 2 | 960 | 0.54 | 0.27 | 0.55 | 8.11 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/28/2016 14:16 | 303.5947917 | Deploying | 2 | 990 | 0.53 | 0.27 | 0.57 | 8.1 | 0 | 0 | 0 | 17 | 16 | 16 | 16 |
| 10/28/2016 14:17 | 303.5951389 | Deploying | 2 | 1020 | 0.53 | 0.27 | 0.59 | 8.1 | 0 | 0 | 0 | 13 | 17 | 15 | 17 |
| 10/28/2016 14:17 | 303.5953472 | Winding down 1592 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:17 | 303.5954861 | Deploying | 2 | 1050 | 0.56 | 0.33 | 0.6 | 8.13 | 2177 | 1517 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:18 | 303.5958333 | Deploying | 2 | 1080 | 0.59 | 0.33 | 0.62 | 8.1 | 0 | 0 | 0 | 17 | 15 | 16 | 15 |
| 10/28/2016 14:18 | 303.5961806 | Deploying | 2 | 1110 | 0.59 | 0.33 | 0.64 | 8.11 | 0 | 0 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 14:18 | 303.5964468 | Winding down 1388 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:19 | 303.5965278 | Deploying | 2 | 1140 | 0.6 | 0.38 | 0.65 | 8.08 | 2048 | 1527 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:19 | 303.5968750 | Deploying | 2 | 1170 | 0.65 | 0.38 | 0.67 | 8.1 | 0 | 0 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 14:20 | 303.5972222 | Deploying | 2 | 1200 | 0.66 | 0.38 | 0.69 | 8.1 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:20 | 303.5975694 | Deploying | 2 | 1230 | 0.65 | 0.38 | 0.7 | 8.13 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:20 | 303.5977083 | Winding down 1457 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:21 | 303.5979167 | Deploying | 2 | 1260 | 0.68 | 0.44 | 0.72 | 8.1 | 1985 | 1540 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 14:21 | 303.5982639 | Deploying | 2 | 1290 | 0.71 | 0.44 | 0.74 | 8.11 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 14:22 | 303.5986111 | Deploying | 2 | 1320 | 0.72 | 0.44 | 0.76 | 8.08 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:22 | 303.5989583 | Deploying | 2 | 1350 | 0.72 | 0.44 | 0.77 | 8.08 | 0 | 0 | 0 | 14 | 15 | 16 | 15 |
| 10/28/2016 14:22 | 303.5992245 | Winding down 2038 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:23 | 303.5993056 Deploying | | 2 | 1380 | 0.72 | 0.51 | 0.79 | 8.11 | 2034 | 1561 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 14:23 | 303.5996528 Deploying | | 2 | 1410 | 0.79 | 0.51 | 0.81 | 8.1 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 14:24 | 303.6000000 Deploying | | 2 | 1440 | 0.8 | 0.51 | 0.82 | 8.13 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:24 | 303.6003472 Deploying | | 2 | 1470 | 0.81 | 0.51 | 0.84 | 8.13 | 0 | 0 | 0 | 17 | 16 | 15 | 16 |
| 10/28/2016 14:25 | 303.6006944 Deploying | | 2 | 1500 | 0.8 | 0.51 | 0.86 | 8.1 | 0 | 0 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 14:25 | 303.6008681 Winding down 1675 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:25 | 303.6010417 Deploying | | 2 | 1530 | 0.83 | 0.58 | 0.87 | 8.1 | 1999 | 1532 | 0 | 17 | 15 | 14 | 15 |
| 10/28/2016 14:26 | 303.6013889 Deploying | | 2 | 1560 | 0.87 | 0.58 | 0.89 | 8.13 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/28/2016 14:26 | 303.6017361 Deploying | | 2 | 1590 | 0.86 | 0.58 | 0.91 | 8.08 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 14:26 | 303.6020139 Winding down 1452 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:27 | 303.6020833 Deploying | | 2 | 1620 | 0.87 | 0.63 | 0.93 | 8.11 | 2211 | 1568 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 14:27 | 303.6024306 Deploying | | 2 | 1650 | 0.94 | 0.63 | 0.94 | 8.11 | 0 | 0 | 0 | 14 | 16 | 14 | 16 |
| 10/28/2016 14:28 | 303.6027778 Deploying | | 2 | 1680 | 0.93 | 0.63 | 0.96 | 8.11 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:28 | 303.6031250 Deploying | | 2 | 1710 | 0.94 | 0.63 | 0.98 | 8.1 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 14:29 | 303.6034722 Deploying | | 2 | 1740 | 0.95 | 0.63 | 0.99 | 8.1 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:29 | 303.6037500 Winding down 2077 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:29 | 303.6038194 Deploying | | 2 | 1770 | 0.94 | 0.71 | 1.01 | 8.1 | 2050 | 1525 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:30 | 303.6041667 Deploying | | 2 | 1800 | 1.01 | 0.71 | 1.03 | 8.08 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:30 | 303.6045139 Deploying | | 2 | 1830 | 1.02 | 0.71 | 1.04 | 8.1 | 0 | 0 | 0 | 18 | 16 | 16 | 16 |
| 10/28/2016 14:31 | 303.6048611 Deploying | | 2 | 1860 | 1.02 | 0.71 | 1.06 | 8.1 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:31 | 303.6052083 Deploying | | 2 | 1890 | 1.04 | 0.71 | 1.08 | 8.08 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:31 | 303.6054398 Winding down 1645 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:32 | 303.6055556 Deploying | | 2 | 1920 | 1.04 | 0.77 | 1.1 | 8.1 | 1982 | 1525 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 14:32 | 303.6059028 Deploying | | 2 | 1950 | 1.1 | 0.77 | 1.11 | 8.08 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 14:33 | 303.6062500 Deploying | | 2 | 1980 | 1.11 | 0.77 | 1.13 | 8.06 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 14:33 | 303.6065972 Deploying | | 2 | 2010 | 1.11 | 0.77 | 1.15 | 8.08 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:34 | 303.6069444 Deploying | | 2 | 2040 | 1.09 | 0.77 | 1.16 | 8.08 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:34 | 303.6069444 Winding down 1887 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:34 | 303.6072917 Deploying | | 2 | 2070 | 1.17 | 0.84 | 1.18 | 8.1 | 2025 | 1527 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 14:35 | 303.6076389 Deploying | | 2 | 2100 | 1.17 | 0.84 | 1.2 | 8.08 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 14:35 | 303.6079861 Deploying | | 2 | 2130 | 1.17 | 0.84 | 1.21 | 8.06 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 14:35 | 303.6082176 Winding down 1495 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:36 | 303.6083333 Deploying | | 2 | 2160 | 1.21 | 0.9 | 1.23 | 8.08 | 2028 | 1527 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:36 | 303.6086806 Deploying | | 2 | 2190 | 1.24 | 0.9 | 1.25 | 8.08 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/28/2016 14:37 | 303.6090278 Deploying | | 2 | 2220 | 1.24 | 0.9 | 1.27 | 8.1 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 14:37 | 303.6093750 Deploying | | 2 | 2250 | 1.23 | 0.9 | 1.28 | 8.06 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 14:38 | 303.6097222 Deploying | | 2 | 2280 | 1.24 | 0.9 | 1.3 | 8.11 | 0 | 0 | 0 | 14 | 16 | 14 | 16 |
| 10/28/2016 14:38 | 303.6098843 Winding down 1760 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:38 | 303.6100694 Deploying | | 2 | 2310 | 1.28 | 0.97 | 1.32 | 8.1 | 2156 | 1544 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:39 | 303.6104167 Deploying | | 2 | 2340 | 1.33 | 0.97 | 1.33 | 8.05 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/28/2016 14:39 | 303.6107639 Deploying | | 2 | 2370 | 1.31 | 0.97 | 1.35 | 8.1 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:40 | 303.6111111 Deploying | | 2 | 2400 | 1.32 | 0.97 | 1.37 | 8.1 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 14:40 | 303.6113310 Winding down 1656 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:40 | 303.6114583 Deploying | | 2 | 2430 | 1.33 | 1.03 | 1.38 | 8.06 | 1991 | 1537 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 14:41 | 303.6118056 Deploying | | 2 | 2460 | 1.39 | 1.03 | 1.4 | 8.06 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:41 | 303.6121528 Deploying | | 2 | 2490 | 1.39 | 1.03 | 1.42 | 8.1 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/28/2016 14:42 | 303.6125000 Deploying | | 2 | 2520 | 1.39 | 1.03 | 1.44 | 8.08 | 0 | 0 | 0 | 14 | 16 | 14 | 16 |
| 10/28/2016 14:42 | 303.6127546 Winding down 1349 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:42 | 303.6128472 Deploying | | 2 | 2550 | 1.41 | 1.08 | 1.45 | 8.08 | 1986 | 1527 | 0 | 14 | 14 | 14 | 14 |
| 10/28/2016 14:43 | 303.6131944 Deploying | | 2 | 2580 | 1.47 | 1.08 | 1.47 | 8.08 | 0 | 0 | 0 | 16 | 14 | 14 | 14 |
| 10/28/2016 14:43 | 303.6135417 Deploying | | 2 | 2610 | 1.44 | 1.08 | 1.49 | 8.1 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 14:43 | 303.6138773 Winding down 1898 ticks | | 3 | | | | | | | | | | | | |
| 10/28/2016 14:44 | 303.6138889 Deploying | | 2 | 2640 | 1.43 | 1.15 | 1.5 | 8.08 | 2199 | 1550 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 14:44 | 303.6142361 Deploying | | 2 | 2670 | 1.55 | 1.15 | 1.52 | 8.06 | 2199 | 54 | 0 | 15 | 15 | 16 | 15 |

| 10/28/2016 14:45 | 303.6145833 Deploying | 2 | 2700 | 1.54 | 1.15 | 1.54 | 8.06 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 14:45 | 303.6149306 Deploying | 2 | 2730 | 1.53 | 1.15 | 1.55 | 8.08 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:46 | 303.6152778 Deploying | 2 | 2760 | 1.53 | 1.15 | 1.57 | 8.08 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:46 | 303.6156250 Deploying | 2 | 2790 | 1.54 | 1.15 | 1.59 | 8.08 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:46 | 303.6157986 Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:47 | 303.6159722 Deploying | 2 | 2820 | 1.56 | 1.21 | 1.61 | 8.1 | 2109 | 1536 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:47 | 303.6163194 Deploying | 2 | 2850 | 1.61 | 1.21 | 1.62 | 8.06 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 14:48 | 303.6166667 Deploying | 2 | 2880 | 1.62 | 1.21 | 1.64 | 8.06 | 0 | 0 | 0 | 17 | 16 | 16 | 16 |
| 10/28/2016 14:48 | 303.6170139 Deploying | 2 | 2910 | 1.59 | 1.21 | 1.66 | 8.06 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 14:48 | 303.6170949 Winding down 1886 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:49 | 303.6173611 Deploying | 2 | 2940 | 1.65 | 1.29 | 1.67 | 8.08 | 2213 | 1552 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:49 | 303.6177083 Deploying | 2 | 2970 | 1.67 | 1.29 | 1.69 | 8.08 | 0 | 0 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 14:50 | 303.6180556 Deploying | 2 | 3000 | 1.69 | 1.29 | 1.71 | 8.08 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 14:50 | 303.6184028 Deploying | 2 | 3030 | 1.67 | 1.29 | 1.72 | 8.05 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 14:50 | 303.6186343 Winding down 2095 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:51 | 303.6187500 Deploying | 2 | 3060 | 1.69 | 1.37 | 1.74 | 8.1 | 1989 | 1545 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 14:51 | 303.6190972 Deploying | 2 | 3090 | 1.78 | 1.37 | 1.76 | 8.06 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 14:52 | 303.6194444 Deploying | 2 | 3120 | 1.75 | 1.37 | 1.78 | 8.08 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 14:52 | 303.6197917 Deploying | 2 | 3150 | 1.77 | 1.37 | 1.79 | 8.11 | 0 | 0 | 0 | 14 | 18 | 16 | 18 |
| 10/28/2016 14:53 | 303.6201389 Deploying | 2 | 3180 | 1.77 | 1.37 | 1.81 | 8.06 | 0 | 0 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 14:53 | 303.6204861 Deploying | 2 | 3210 | 1.77 | 1.37 | 1.83 | 8.06 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 14:53 | 303.6207060 Winding down 1706 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:54 | 303.6208333 Deploying | 2 | 3240 | 1.81 | 1.43 | 1.84 | 8.05 | 1988 | 1535 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 14:54 | 303.6211806 Deploying | 2 | 3270 | 1.82 | 1.43 | 1.86 | 8.05 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 14:55 | 303.6215278 Deploying | 2 | 3300 | 1.83 | 1.43 | 1.88 | 8.08 | 0 | 0 | 0 | 13 | 16 | 15 | 16 |
| 10/28/2016 14:55 | 303.6218287 Winding down 2155 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:55 | 303.6218750 Deploying | 2 | 3330 | 1.82 | 1.51 | 1.89 | 8.08 | 2237 | 1572 | 0 | 16 | 15 | 16 | 15 |
| 10/28/2016 14:56 | 303.6222222 Deploying | 2 | 3360 | 1.92 | 1.51 | 1.91 | 8.06 | 0 | 0 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 14:56 | 303.6225694 Deploying | 2 | 3390 | 1.93 | 1.51 | 1.93 | 8.06 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 14:57 | 303.6229167 Deploying | 2 | 3420 | 1.94 | 1.51 | 1.95 | 8.06 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 14:57 | 303.6232639 Deploying | 2 | 3450 | 1.93 | 1.51 | 1.96 | 8.06 | 0 | 0 | 0 | 15 | 14 | 15 | 14 |
| 10/28/2016 14:58 | 303.6236111 Deploying | 2 | 3480 | 1.93 | 1.51 | 1.98 | 8.06 | 0 | 0 | 0 | 17 | 17 | 16 | 17 |
| 10/28/2016 14:58 | 303.6238310 Winding down 1306 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 14:58 | 303.6239583 Deploying | 2 | 3510 | 1.96 | 1.56 | 2 | 8.06 | 2057 | 1564 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 14:59 | 303.6243056 Deploying | 2 | 3540 | 2.01 | 1.56 | 2.01 | 8.06 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 14:59 | 303.6246528 Deploying | 2 | 3570 | 1.98 | 1.56 | 2.03 | 8.06 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:00 | 303.6250000 Deploying | 2 | 3600 | 1.99 | 1.56 | 2.05 | 8.08 | 0 | 0 | 0 | 16 | 18 | 16 | 18 |
| 10/28/2016 15:00 | 303.6252431 Winding down 2260 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:00 | 303.6253472 Deploying | 2 | 3630 | 2.02 | 1.65 | 2.06 | 8.06 | 2046 | 1554 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 15:01 | 303.6256944 Deploying | 2 | 3660 | 2.09 | 1.65 | 2.08 | 8.08 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 15:01 | 303.6260417 Deploying | 2 | 3690 | 2.09 | 1.65 | 2.1 | 8.1 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 15:02 | 303.6263889 Deploying | 2 | 3720 | 2.08 | 1.65 | 2.12 | 8.05 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 15:02 | 303.6267361 Deploying | 2 | 3750 | 2.08 | 1.65 | 2.13 | 8.06 | 0 | 0 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 15:02 | 303.6269676 Winding down 1820 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:03 | 303.6270833 Deploying | 2 | 3780 | 2.11 | 1.72 | 2.15 | 8.06 | 2021 | 1554 | 0 | 18 | 17 | 16 | 17 |
| 10/28/2016 15:03 | 303.6274306 Deploying | 2 | 3810 | 2.14 | 1.72 | 2.17 | 8.05 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:04 | 303.6277778 Deploying | 2 | 3840 | 2.16 | 1.72 | 2.18 | 8.05 | 0 | 0 | 0 | 17 | 16 | 15 | 16 |
| 10/28/2016 15:04 | 303.6281250 Deploying | 2 | 3870 | 2.14 | 1.72 | 2.2 | 8.05 | 0 | 0 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 15:04 | 303.6282986 Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:05 | 303.6284722 Deploying | 2 | 3900 | 2.2 | 1.78 | 2.22 | 8.05 | 2187 | 1561 | 0 | 16 | 15 | 16 | 15 |
| 10/28/2016 15:05 | 303.6288194 Deploying | 2 | 3930 | 2.23 | 1.78 | 2.23 | 8.06 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 15:06 | 303.6291667 Deploying | 2 | 3960 | 2.25 | 1.78 | 2.25 | 8.06 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/28/2016 15:06 | 303.6295139 Deploying | 2 | 3990 | 2.24 | 1.78 | 2.27 | 8.06 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:07 | 303.6298611 Deploying | 2 | 4020 | 2.23 | 1.78 | 2.29 | 8.05 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:07 | 303.6300926 | Winding down 1270 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:07 | 303.6302083 | Deploying | 2 | 4050 | 2.27 | 1.82 | 2.3 | 8.05 | 2249 | 1556 | 0 | 14 | 18 | 15 | 18 |
| 10/28/2016 15:08 | 303.6305556 | Deploying | 2 | 4080 | 2.3 | 1.82 | 2.32 | 8 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:08 | 303.6309028 | Deploying | 2 | 4110 | 2.31 | 1.82 | 2.34 | 8.06 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/28/2016 15:09 | 303.6312500 | Deploying | 2 | 4140 | 2.3 | 1.82 | 2.35 | 8.05 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:09 | 303.6315972 | Deploying | 2 | 4170 | 2.31 | 1.82 | 2.37 | 8.06 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 15:09 | 303.6316204 | Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:10 | 303.6319444 | Deploying | 2 | 4200 | 2.35 | 1.88 | 2.39 | 8.06 | 2038 | 1542 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:10 | 303.6322917 | Deploying | 2 | 4230 | 2.39 | 1.88 | 2.4 | 8.06 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:11 | 303.6326389 | Deploying | 2 | 4260 | 2.37 | 1.88 | 2.42 | 8.05 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 15:11 | 303.6329167 | Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:11 | 303.6329861 | Deploying | 2 | 4290 | 2.39 | 1.94 | 2.44 | 8.06 | 2067 | 1557 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:12 | 303.6333333 | Deploying | 2 | 4320 | 2.43 | 1.94 | 2.46 | 8.03 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 15:12 | 303.6336806 | Deploying | 2 | 4350 | 2.41 | 1.94 | 2.47 | 8.05 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/28/2016 15:12 | 303.6339120 | Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:13 | 303.6340278 | Deploying | 2 | 4380 | 2.47 | 2 | 2.49 | 8.06 | 1995 | 1533 | 0 | 14 | 18 | 16 | 18 |
| 10/28/2016 15:13 | 303.6343750 | Deploying | 2 | 4410 | 2.51 | 2 | 2.51 | 8.03 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 15:14 | 303.6347222 | Deploying | 2 | 4440 | 2.5 | 2 | 2.52 | 8.08 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:14 | 303.6350694 | Deploying | 2 | 4470 | 2.5 | 2 | 2.54 | 8.05 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:15 | 303.6354167 | Deploying | 2 | 4500 | 2.51 | 2 | 2.56 | 8.06 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 15:15 | 303.6357407 | Winding down 1459 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:15 | 303.6357639 | Deploying | 2 | 4530 | 2.52 | 2.05 | 2.57 | 7.98 | 1999 | 1547 | 0 | 17 | 16 | 15 | 16 |
| 10/28/2016 15:16 | 303.6361111 | Deploying | 2 | 4560 | 2.56 | 2.05 | 2.59 | 8.05 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/28/2016 15:16 | 303.6364583 | Deploying | 2 | 4590 | 2.56 | 2.05 | 2.61 | 8.02 | 0 | 0 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 15:16 | 303.6367361 | Winding down 1727 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:17 | 303.6368056 | Deploying | 2 | 4620 | 2.57 | 2.12 | 2.63 | 8.05 | 2180 | 1577 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:17 | 303.6371528 | Deploying | 2 | 4650 | 2.64 | 2.12 | 2.64 | 8.03 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:18 | 303.6375000 | Deploying | 2 | 4680 | 2.63 | 2.12 | 2.66 | 8.05 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 15:18 | 303.6378472 | Deploying | 2 | 4710 | 2.63 | 2.12 | 2.68 | 8.05 | 0 | 0 | 0 | 16 | 15 | 14 | 15 |
| 10/28/2016 15:19 | 303.6381944 | Deploying | 2 | 4740 | 2.64 | 2.12 | 2.69 | 8.05 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 15:19 | 303.6384259 | Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:19 | 303.6385417 | Deploying | 2 | 4770 | 2.67 | 2.18 | 2.71 | 8.06 | 2053 | 1570 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 15:20 | 303.6388889 | Deploying | 2 | 4800 | 2.69 | 2.18 | 2.73 | 8.06 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 15:20 | 303.6392361 | Deploying | 2 | 4830 | 2.7 | 2.18 | 2.74 | 8.03 | 0 | 0 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 15:21 | 303.6395833 | Deploying | 2 | 4860 | 2.7 | 2.18 | 2.76 | 8.03 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 15:21 | 303.6396875 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:21 | 303.6399306 | Deploying | 2 | 4890 | 2.77 | 2.24 | 2.78 | 8 | 2053 | 1556 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 15:22 | 303.6402778 | Deploying | 2 | 4920 | 2.78 | 2.24 | 2.8 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:22 | 303.6406250 | Deploying | 2 | 4950 | 2.79 | 2.24 | 2.81 | 8.02 | 0 | 0 | 0 | 14 | 13 | 15 | 13 |
| 10/28/2016 15:23 | 303.6409722 | Deploying | 2 | 4980 | 2.79 | 2.24 | 2.83 | 8.05 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 15:23 | 303.6413079 | Winding down 1623 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:23 | 303.6413194 | Deploying | 2 | 5010 | 2.78 | 2.3 | 2.85 | 8.02 | 1997 | 1537 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 15:24 | 303.6416667 | Deploying | 2 | 5040 | 2.85 | 2.3 | 2.86 | 8.08 | 1997 | 58 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 15:24 | 303.6420139 | Deploying | 2 | 5070 | 2.81 | 2.3 | 2.88 | 8.05 | 0 | 0 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 15:24 | 303.6421296 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:25 | 303.6423611 | Deploying | 2 | 5100 | 2.89 | 2.37 | 2.9 | 8.05 | 2014 | 1551 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 15:25 | 303.6427083 | Deploying | 2 | 5130 | 2.93 | 2.37 | 2.91 | 8.05 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 15:26 | 303.6430556 | Deploying | 2 | 5160 | 2.92 | 2.37 | 2.93 | 8.05 | 0 | 0 | 0 | 15 | 14 | 15 | 14 |
| 10/28/2016 15:26 | 303.6434028 | Deploying | 2 | 5190 | 2.91 | 2.37 | 2.95 | 8.03 | 0 | 0 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 15:27 | 303.6437500 | Deploying | 2 | 5220 | 2.93 | 2.37 | 2.97 | 8.06 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:27 | 303.6440972 | Deploying | 2 | 5250 | 2.91 | 2.37 | 2.98 | 8.03 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 15:27 | 303.6442014 | Winding down 1765 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:28 | 303.6444444 | Deploying | 2 | 5280 | 2.98 | 2.43 | 3 | 8.05 | 2109 | 1556 | 0 | 16 | 15 | 14 | 15 |
| 10/28/2016 15:28 | 303.6447917 | Deploying | 2 | 5310 | 3 | 2.43 | 3.02 | 8.05 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |

| Date | Value | Status | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10/28/2016 15:29 | 303.6451389 | Deploying | 2 | 5340 | 2.98 | 2.43 | 3.03 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:29 | 303.6453819 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:29 | 303.6454861 | Deploying | 2 | 5370 | 3.01 | 2.5 | 3.05 | 8.05 | 2007 | 1544 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 15:30 | 303.6458333 | Deploying | 2 | 5400 | 3.06 | 2.5 | 3.07 | 8.03 | 0 | 0 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 15:30 | 303.6461806 | Deploying | 2 | 5430 | 3.06 | 2.5 | 3.08 | 8.05 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 15:31 | 303.6465278 | Deploying | 2 | 5460 | 3.08 | 2.5 | 3.1 | 8.03 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 15:31 | 303.6468750 | Deploying | 2 | 5490 | 3.08 | 2.5 | 3.12 | 8.03 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 15:32 | 303.6472222 | Deploying | 2 | 5520 | 3.06 | 2.5 | 3.14 | 8.03 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 15:32 | 303.6472454 | Winding down 1940 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:32 | 303.6475694 | Deploying | 2 | 5550 | 3.14 | 2.57 | 3.15 | 8.03 | 2040 | 1544 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 15:33 | 303.6479167 | Deploying | 2 | 5580 | 3.16 | 2.57 | 3.17 | 8.05 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/28/2016 15:33 | 303.6482639 | Deploying | 2 | 5610 | 3.15 | 2.57 | 3.19 | 8.03 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:34 | 303.6486111 | Deploying | 2 | 5640 | 3.14 | 2.57 | 3.2 | 8 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:34 | 303.6486806 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:34 | 303.6489583 | Deploying | 2 | 5670 | 3.2 | 2.64 | 3.22 | 8.03 | 2002 | 1529 | 0 | 17 | 16 | 15 | 16 |
| 10/28/2016 15:35 | 303.6493056 | Deploying | 2 | 5700 | 3.22 | 2.64 | 3.24 | 8.03 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 15:35 | 303.6496528 | Deploying | 2 | 5730 | 3.22 | 2.64 | 3.25 | 8 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/28/2016 15:35 | 303.6499884 | Winding down 1648 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:36 | 303.6500000 | Deploying | 2 | 5760 | 3.21 | 2.7 | 3.27 | 8.02 | 2018 | 1544 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:36 | 303.6503472 | Deploying | 2 | 5790 | 3.3 | 2.7 | 3.29 | 8.03 | 2018 | 51 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 15:37 | 303.6506944 | Deploying | 2 | 5820 | 3.3 | 2.7 | 3.31 | 8 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 15:37 | 303.6510417 | Deploying | 2 | 5850 | 3.27 | 2.7 | 3.32 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:37 | 303.6513542 | Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:38 | 303.6513889 | Deploying | 2 | 5880 | 3.29 | 2.76 | 3.34 | 8.03 | 2059 | 1568 | 0 | 14 | 14 | 15 | 14 |
| 10/28/2016 15:38 | 303.6517361 | Deploying | 2 | 5910 | 3.35 | 2.76 | 3.36 | 8.03 | 0 | 0 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 15:39 | 303.6520833 | Deploying | 2 | 5940 | 3.37 | 2.76 | 3.37 | 8.03 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 15:39 | 303.6524306 | Deploying | 2 | 5970 | 3.36 | 2.76 | 3.39 | 8 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 15:40 | 303.6527778 | Deploying | 2 | 6000 | 3.37 | 2.76 | 3.41 | 8 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:40 | 303.6531250 | Deploying | 2 | 6030 | 3.37 | 2.76 | 3.42 | 8.03 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:40 | 303.6532176 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:41 | 303.6534722 | Deploying | 2 | 6060 | 3.41 | 2.82 | 3.44 | 8.06 | 2073 | 1555 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:41 | 303.6538194 | Deploying | 2 | 6090 | 3.43 | 2.82 | 3.46 | 8.02 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:42 | 303.6541667 | Deploying | 2 | 6120 | 3.44 | 2.82 | 3.48 | 8.03 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:42 | 303.6545139 | Deploying | 2 | 6150 | 3.45 | 2.82 | 3.49 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:43 | 303.6548611 | Deploying | 2 | 6180 | 3.44 | 2.82 | 3.51 | 8.03 | 0 | 0 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 15:43 | 303.6548727 | Winding down 1826 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:43 | 303.6552083 | Deploying | 2 | 6210 | 3.51 | 2.89 | 3.53 | 8.02 | 1978 | 1533 | 0 | 15 | 14 | 15 | 14 |
| 10/28/2016 15:44 | 303.6555556 | Deploying | 2 | 6240 | 3.51 | 2.89 | 3.54 | 8.05 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:44 | 303.6559028 | Deploying | 2 | 6270 | 3.53 | 2.89 | 3.56 | 8.03 | 0 | 0 | 0 | 15 | 15 | 16 | 15 |
| 10/28/2016 15:45 | 303.6562500 | Deploying | 2 | 6300 | 3.52 | 2.89 | 3.58 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:45 | 303.6564120 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:45 | 303.6565972 | Deploying | 2 | 6330 | 3.56 | 2.96 | 3.59 | 8.02 | 2090 | 1546 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 15:46 | 303.6569444 | Deploying | 2 | 6360 | 3.6 | 2.96 | 3.61 | 8.05 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:46 | 303.6572917 | Deploying | 2 | 6390 | 3.59 | 2.96 | 3.63 | 8.03 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/28/2016 15:47 | 303.6576389 | Deploying | 2 | 6420 | 3.58 | 2.96 | 3.65 | 8.03 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 15:47 | 303.6576620 | Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:47 | 303.6579861 | Deploying | 2 | 6450 | 3.64 | 3.02 | 3.66 | 8.06 | 2049 | 1546 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:48 | 303.6583333 | Deploying | 2 | 6480 | 3.65 | 3.02 | 3.68 | 8.03 | 0 | 0 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 15:48 | 303.6586806 | Deploying | 2 | 6510 | 3.65 | 3.02 | 3.7 | 8 | 0 | 0 | 0 | 15 | 15 | 16 | 15 |
| 10/28/2016 15:48 | 303.6589352 | Winding down 1924 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:49 | 303.6590278 | Deploying | 2 | 6540 | 3.66 | 3.09 | 3.71 | 8.02 | 2022 | 1536 | 0 | 17 | 16 | 16 | 16 |
| 10/28/2016 15:49 | 303.6593750 | Deploying | 2 | 6570 | 3.73 | 3.09 | 3.73 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:50 | 303.6597222 | Deploying | 2 | 6600 | 3.72 | 3.09 | 3.75 | 8.02 | 0 | 0 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 15:50 | 303.6600694 | Deploying | 2 | 6630 | 3.72 | 3.09 | 3.76 | 8.02 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:51 | 303.6604167 | Deploying | 2 | 6660 | 3.73 | 3.09 | 3.78 | 8.02 | 0 | 0 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 15:51 | 303.6606019 | Winding down 1614 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:51 | 303.6607639 | Deploying | 2 | 6690 | 3.76 | 3.15 | 3.8 | 8.02 | 2033 | 1556 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 15:52 | 303.6611111 | Deploying | 2 | 6720 | 3.82 | 3.15 | 3.82 | 8.02 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:52 | 303.6614583 | Deploying | 2 | 6750 | 3.81 | 3.15 | 3.83 | 8.05 | 0 | 0 | 0 | 15 | 14 | 15 | 14 |
| 10/28/2016 15:53 | 303.6618056 | Deploying | 2 | 6780 | 3.82 | 3.15 | 3.85 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:53 | 303.6621528 | Deploying | 2 | 6810 | 3.81 | 3.15 | 3.87 | 8.02 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/28/2016 15:53 | 303.6622801 | Winding down 1568 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:54 | 303.6625000 | Deploying | 2 | 6840 | 3.85 | 3.21 | 3.88 | 8 | 2242 | 1593 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 15:54 | 303.6628472 | Deploying | 2 | 6870 | 3.88 | 3.21 | 3.9 | 8.03 | 0 | 0 | 0 | 17 | 16 | 15 | 16 |
| 10/28/2016 15:55 | 303.6631944 | Deploying | 2 | 6900 | 3.88 | 3.21 | 3.92 | 8.02 | 0 | 0 | 0 | 17 | 16 | 16 | 16 |
| 10/28/2016 15:55 | 303.6635417 | Deploying | 2 | 6930 | 3.89 | 3.21 | 3.93 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 15:55 | 303.6638194 | Winding down 1652 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:56 | 303.6638889 | Deploying | 2 | 6960 | 3.89 | 3.28 | 3.95 | 8.05 | 2188 | 1582 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 15:56 | 303.6642361 | Deploying | 2 | 6990 | 3.94 | 3.28 | 3.97 | 8.02 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 15:57 | 303.6645833 | Deploying | 2 | 7020 | 3.95 | 3.28 | 3.99 | 8.03 | 0 | 0 | 0 | 16 | 15 | 14 | 15 |
| 10/28/2016 15:57 | 303.6649306 | Deploying | 2 | 7050 | 3.95 | 3.28 | 4 | 8.03 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/28/2016 15:57 | 303.6651852 | Winding down 1899 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 15:58 | 303.6652778 | Deploying | 2 | 7080 | 3.95 | 3.35 | 4.02 | 8 | 2006 | 1535 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 15:58 | 303.6656250 | Deploying | 2 | 7110 | 4.02 | 3.35 | 4.04 | 8.03 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 15:59 | 303.6659722 | Deploying | 2 | 7140 | 4.02 | 3.35 | 4.05 | 8.03 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 15:59 | 303.6663194 | Deploying | 2 | 7170 | 4.02 | 3.35 | 4.07 | 8 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 15:59 | 303.6665741 | Winding down 1349 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:00 | 303.6666667 | Deploying | 2 | 7200 | 4.05 | 3.4 | 4.09 | 8.03 | 2039 | 1553 | 0 | 15 | 14 | 15 | 14 |
| 10/28/2016 16:00 | 303.6670139 | Deploying | 2 | 7230 | 4.08 | 3.4 | 4.1 | 8.02 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/28/2016 16:01 | 303.6673611 | Deploying | 2 | 7260 | 4.09 | 3.4 | 4.12 | 8.02 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:01 | 303.6677083 | Deploying | 2 | 7290 | 4.08 | 3.4 | 4.14 | 8 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 16:01 | 303.6680324 | Winding down 1509 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:02 | 303.6680556 | Deploying | 2 | 7320 | 4.1 | 3.46 | 4.16 | 7.98 | 2001 | 1548 | 0 | 14 | 17 | 16 | 17 |
| 10/28/2016 16:02 | 303.6684028 | Deploying | 2 | 7350 | 4.15 | 3.46 | 4.17 | 8 | 0 | 0 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 16:03 | 303.6687500 | Deploying | 2 | 7380 | 4.15 | 3.46 | 4.19 | 8.02 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:03 | 303.6690972 | Deploying | 2 | 7410 | 4.14 | 3.46 | 4.21 | 8 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:03 | 303.6691435 | Winding down 1444 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:04 | 303.6694444 | Deploying | 2 | 7440 | 4.18 | 3.51 | 4.22 | 8.03 | 2018 | 1542 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:04 | 303.6697917 | Deploying | 2 | 7470 | 4.21 | 3.51 | 4.24 | 7.98 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:05 | 303.6701389 | Deploying | 2 | 7500 | 4.21 | 3.51 | 4.26 | 8.02 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/28/2016 16:05 | 303.6704861 | Deploying | 2 | 7530 | 4.21 | 3.51 | 4.27 | 7.98 | 0 | 0 | 0 | 17 | 16 | 15 | 16 |
| 10/28/2016 16:05 | 303.6705787 | Winding down 2025 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:06 | 303.6708333 | Deploying | 2 | 7560 | 4.27 | 3.59 | 4.29 | 7.98 | 2013 | 1529 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 16:06 | 303.6711806 | Deploying | 2 | 7590 | 4.28 | 3.59 | 4.31 | 8.02 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:07 | 303.6715278 | Deploying | 2 | 7620 | 4.3 | 3.59 | 4.33 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:07 | 303.6718750 | Deploying | 2 | 7650 | 4.29 | 3.59 | 4.34 | 8.02 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 16:07 | 303.6721296 | Winding down 1749 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:08 | 303.6722222 | Deploying | 2 | 7680 | 4.31 | 3.66 | 4.36 | 8 | 2217 | 1585 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 16:08 | 303.6725694 | Deploying | 2 | 7710 | 4.37 | 3.66 | 4.38 | 8.02 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 16:09 | 303.6729167 | Deploying | 2 | 7740 | 4.37 | 3.66 | 4.39 | 8.02 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 16:09 | 303.6732639 | Deploying | 2 | 7770 | 4.36 | 3.66 | 4.41 | 8 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:09 | 303.6734375 | Winding down 1375 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:10 | 303.6736111 | Deploying | 2 | 7800 | 4.39 | 3.71 | 4.43 | 8.03 | 1996 | 1559 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 16:10 | 303.6739583 | Deploying | 2 | 7830 | 4.42 | 3.71 | 4.44 | 8 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:11 | 303.6743056 | Deploying | 2 | 7860 | 4.42 | 3.71 | 4.46 | 8.02 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:11 | 303.6746528 | Deploying | 2 | 7890 | 4.42 | 3.71 | 4.48 | 7.98 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 16:11 | 303.6748727 | Winding down 1706 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 16:12 | 303.6750000 | Deploying | 2 | 7920 | 4.46 | 3.77 | 4.5 | 8.03 | 2025 | 1543 | 0 | 16 | 16 | 16 | 16 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:12 | 303.6753472 | Deploying | 2 | 7950 | 4.5 | 3.77 | 4.51 | 8.02 | 0 | 0 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 16:13 | 303.6756944 | Deploying | 2 | 7980 | 4.51 | 3.77 | 4.53 | 8 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 16:13 | 303.6760417 | Deploying | 2 | 8010 | 4.5 | 3.77 | 4.55 | 8.03 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 16:14 | 303.6763889 | Deploying | 2 | 8040 | 4.48 | 3.77 | 4.56 | 8.02 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:14 | 303.6764699 | Winding down 2161 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:14 | 303.6767361 | Deploying | 2 | 8070 | 4.57 | 3.85 | 4.58 | 8.02 | 2067 | 1576 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:15 | 303.6770833 | Deploying | 2 | 8100 | 4.6 | 3.85 | 4.6 | 8.03 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 16:15 | 303.6774306 | Deploying | 2 | 8130 | 4.59 | 3.85 | 4.61 | 8 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:16 | 303.6777778 | Deploying | 2 | 8160 | 4.59 | 3.85 | 4.63 | 8 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:16 | 303.6780787 | Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:16 | 303.6781250 | Deploying | 2 | 8190 | 4.59 | 3.92 | 4.65 | 8.02 | 2055 | 1565 | 0 | 14 | 17 | 15 | 17 |
| 10/28/2016 16:17 | 303.6784722 | Deploying | 2 | 8220 | 4.66 | 3.92 | 4.67 | 7.98 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:17 | 303.6788194 | Deploying | 2 | 8250 | 4.68 | 3.92 | 4.68 | 8.03 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:18 | 303.6791667 | Deploying | 2 | 8280 | 4.65 | 3.92 | 4.7 | 8 | 0 | 0 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 16:18 | 303.6795139 | Deploying | 2 | 8310 | 4.69 | 3.92 | 4.72 | 8.02 | 0 | 0 | 0 | 17 | 16 | 16 | 16 |
| 10/28/2016 16:18 | 303.6797338 | Winding down 1381 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:19 | 303.6798611 | Deploying | 2 | 8340 | 4.69 | 3.97 | 4.73 | 8 | 2019 | 1573 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:19 | 303.6802083 | Deploying | 2 | 8370 | 4.73 | 3.97 | 4.75 | 7.98 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:20 | 303.6805556 | Deploying | 2 | 8400 | 4.74 | 3.97 | 4.77 | 8 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 16:20 | 303.6809028 | Deploying | 2 | 8430 | 4.73 | 3.97 | 4.78 | 8.02 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 16:20 | 303.6811921 | Winding down 1891 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:21 | 303.6812500 | Deploying | 2 | 8460 | 4.74 | 4.05 | 4.8 | 8 | 2053 | 1540 | 0 | 15 | 14 | 15 | 14 |
| 10/28/2016 16:21 | 303.6815972 | Deploying | 2 | 8490 | 4.81 | 4.05 | 4.82 | 8.02 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 16:22 | 303.6819444 | Deploying | 2 | 8520 | 4.81 | 4.05 | 4.84 | 8.03 | 0 | 0 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 16:22 | 303.6822917 | Deploying | 2 | 8550 | 4.81 | 4.05 | 4.85 | 8.02 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:23 | 303.6826389 | Deploying | 2 | 8580 | 4.81 | 4.05 | 4.87 | 8.05 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:23 | 303.6826389 | Winding down 1512 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:23 | 303.6829861 | Deploying | 2 | 8610 | 4.87 | 4.1 | 4.89 | 8.03 | 2061 | 1567 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:24 | 303.6833333 | Deploying | 2 | 8640 | 4.87 | 4.1 | 4.9 | 8.02 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/28/2016 16:24 | 303.6836806 | Deploying | 2 | 8670 | 4.88 | 4.1 | 4.92 | 8.02 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:25 | 303.6840278 | Deploying | 2 | 8700 | 4.86 | 4.1 | 4.94 | 7.98 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:25 | 303.6840394 | Winding down 1926 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:25 | 303.6843750 | Deploying | 2 | 8730 | 4.94 | 4.18 | 4.95 | 8.02 | 2095 | 1554 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 16:26 | 303.6847222 | Deploying | 2 | 8760 | 4.96 | 4.18 | 4.97 | 7.98 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:26 | 303.6850694 | Deploying | 2 | 8790 | 4.96 | 4.18 | 4.99 | 8.03 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:27 | 303.6854167 | Deploying | 2 | 8820 | 4.95 | 4.18 | 5.01 | 8 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/28/2016 16:27 | 303.6856944 | Winding down 1427 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:27 | 303.6857639 | Deploying | 2 | 8850 | 4.98 | 4.23 | 5.02 | 7.98 | 2088 | 1539 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:28 | 303.6861111 | Deploying | 2 | 8880 | 5.02 | 4.23 | 5.04 | 8 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:28 | 303.6864583 | Deploying | 2 | 8910 | 5.01 | 4.23 | 5.06 | 7.98 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:28 | 303.6867824 | Winding down 1909 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:29 | 303.6868056 | Deploying | 2 | 8940 | 5 | 4.3 | 5.07 | 7.97 | 2213 | 1589 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 16:29 | 303.6871528 | Deploying | 2 | 8970 | 5.08 | 4.3 | 5.09 | 8.02 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:30 | 303.6875000 | Deploying | 2 | 9000 | 5.08 | 4.3 | 5.11 | 8 | 0 | 0 | 0 | 15 | 14 | 15 | 14 |
| 10/28/2016 16:30 | 303.6878472 | Deploying | 2 | 9030 | 5.08 | 4.3 | 5.12 | 8 | 0 | 0 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 16:30 | 303.6881597 | Winding down 1395 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:31 | 303.6881944 | Deploying | 2 | 9060 | 5.09 | 4.36 | 5.14 | 8 | 2061 | 1567 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:31 | 303.6885417 | Deploying | 2 | 9090 | 5.14 | 4.36 | 5.16 | 8 | 0 | 0 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 16:32 | 303.6888889 | Deploying | 2 | 9120 | 5.15 | 4.36 | 5.18 | 8.03 | 0 | 0 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 16:32 | 303.6892361 | Deploying | 2 | 9150 | 5.14 | 4.36 | 5.19 | 8 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 16:32 | 303.6894792 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:33 | 303.6895833 | Deploying | 2 | 9180 | 5.17 | 4.42 | 5.21 | 8.02 | 2226 | 1597 | 0 | 15 | 17 | 16 | 17 |
| 10/28/2016 16:33 | 303.6899306 | Deploying | 2 | 9210 | 5.22 | 4.42 | 5.23 | 7.98 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:34 | 303.6902778 | Deploying | 2 | 9240 | 5.21 | 4.42 | 5.24 | 8 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |

| Date/Time | Value | Status | State | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:34 | 303.6906250 | Deploying | 2 | 9270 | 5.24 | 4.42 | 5.26 | 8 | 0 | 0 | 0 | 16 | 16 | 15 | 16 |
| 10/28/2016 16:35 | 303.6909722 | Deploying | 2 | 9300 | 5.22 | 4.42 | 5.28 | 8 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:35 | 303.6912384 | Winding down 1888 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:35 | 303.6913194 | Deploying | 2 | 9330 | 5.24 | 4.49 | 5.29 | 7.98 | 2059 | 1563 | 0 | 15 | 16 | 15 | 16 |
| 10/28/2016 16:36 | 303.6916667 | Deploying | 2 | 9360 | 5.31 | 4.49 | 5.31 | 8 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/28/2016 16:36 | 303.6920139 | Deploying | 2 | 9390 | 5.32 | 4.49 | 5.33 | 7.98 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:37 | 303.6923611 | Deploying | 2 | 9420 | 5.29 | 4.49 | 5.35 | 7.98 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/28/2016 16:37 | 303.6925116 | Winding down 1571 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:37 | 303.6927083 | Deploying | 2 | 9450 | 5.33 | 4.55 | 5.36 | 8.02 | 2018 | 1571 | 0 | 15 | 16 | 16 | 16 |
| 10/28/2016 16:38 | 303.6930556 | Deploying | 2 | 9480 | 5.37 | 4.55 | 5.38 | 8.02 | 0 | 0 | 0 | 15 | 17 | 15 | 17 |
| 10/28/2016 16:38 | 303.6934028 | Deploying | 2 | 9510 | 5.36 | 4.55 | 5.4 | 8 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/28/2016 16:39 | 303.6937500 | Deploying | 2 | 9540 | 5.36 | 4.55 | 5.41 | 7.98 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/28/2016 16:39 | 303.6938426 | Winding down 1400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:39 | 303.6940972 | Deploying | 2 | 9570 | 5.41 | 4.6 | 5.43 | 8 | 2063 | 1559 | 0 | 15 | 15 | 15 | 15 |
| 10/28/2016 16:40 | 303.6944444 | Deploying | 2 | 9600 | 5.42 | 4.6 | 5.45 | 7.97 | 0 | 0 | 0 | 15 | 15 | 16 | 15 |
| 10/28/2016 16:40 | 303.6947917 | Deploying | 2 | 9630 | 5.42 | 4.6 | 5.46 | 8 | 0 | 0 | 0 | -16 | -14 | -13 | -14 |
| 10/28/2016 16:41 | 303.6951389 | Deploying | 2 | 9660 | 5.43 | 4.6 | 5.48 | 7.98 | 0 | 0 | 0 | 12 | 23 | 18 | 23 |
| 10/28/2016 16:41 | 303.6952546 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6952546 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6952894 | Winding up 1774 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6953125 | Winding up 3199 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6953588 | Winding up 5374 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6954282 | Winding up 6725 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6954861 | Rewinding | 5 | 9670 | 5.24 | 3.95 | 4.96 | 7.92 | 1129 | 826 | | | | | |
| 10/28/2016 16:41 | 303.6955093 | Winding up 7749 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6956019 | Winding up 6924 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6956829 | Winding up 4774 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6957407 | Winding up 2725 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6957755 | Winding up 1925 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6957986 | Winding up 1375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:42 | 303.6958333 | Rewinding | 5 | 9670 | 4.2 | 2.98 | 4.21 | 7.98 | 1131 | 826 | | | | | |
| 10/28/2016 16:42 | 303.6960417 | Winding up 2375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:42 | 303.6960764 | Winding up 3225 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:42 | 303.6961227 | Winding up 4675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:42 | 303.6961806 | Rewinding | 5 | 9670 | 3.69 | 2.59 | 3.46 | 7.89 | 1123 | 813 | | | | | |
| 10/28/2016 16:42 | 303.6961806 | Winding up 6400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:42 | 303.6962616 | Winding up 7700 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:42 | 303.6963542 | Winding up 7075 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:42 | 303.6964468 | Winding up 5025 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:42 | 303.6965162 | Winding up 3375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6965278 | Rewinding | 5 | 9670 | 2.81 | 1.47 | 2.71 | 7.98 | 1136 | 826 | | | | | |
| 10/28/2016 16:43 | 303.6965625 | Winding up 2300 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6965972 | Winding up 1575 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6966204 | Winding up 1250 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6968056 | Winding up 1250 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6968287 | Winding up 1725 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6968519 | Winding up 2125 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6968750 | Rewinding | 5 | 9670 | 2.04 | 1.09 | 1.96 | 7.79 | 1142 | 812 | | | | | |
| 10/28/2016 16:43 | 303.6968866 | Winding up 2925 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6969213 | Winding up 3725 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6969676 | Winding up 4550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6970255 | Winding up 5325 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6970949 | Winding up 5425 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:43 | 303.6971644 | Winding up 4174 ticks | 3 | | | | | | | | | | | | |

| 10/28/2016 16:44 | 303.6972222 | Rewinding | 5 | 9670 | 1.3 | 0.1 | 1.21 | 7.79 | 1145 | 829 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:44 | 303.6972222 | Winding up 2799 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6972569 | Winding up 2025 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6974769 | Winding up 1425 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6975000 | Winding up 2050 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6975347 | Winding up 2875 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6975694 | Rewinding | 5 | 9670 | 0.58 | -0.32 | 0.46 | 7.83 | 1143 | 840 |
| 10/28/2016 16:44 | 303.6975694 | Winding up 3725 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6976042 | Winding up 4450 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6976157 | Winding up 4750 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6976273 | Winding up 5200 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6976389 | Winding up 5625 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6976505 | Winding up 5925 ticks | 3 | | | | | | | |
| 10/28/2016 16:44 | 303.6976620 | Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 10/28/2016 16:44 | 303.6976620 | State 5 (FINISHED) | 5 | | | | | | | |
| 10/28/2016 18:50 | 303.7847801 | Manual stop | 5 | | | | | | | |
| 10/28/2016 18:50 | 303.7847801 | State 1 (IDLE) | 5 | | | | | | | |

DPS5-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 1:15 | 303.0520833 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/29/2016 1:15 | 303.0524306 | Deploying | 2 | 30 | 0.27 | 0 | 0.02 | 8.44 | 0 | 0 | 0 | 24 | 23 | 23 | 23 |
| 10/29/2016 1:16 | 303.0527778 | Deploying | 2 | 60 | 0.27 | 0 | 0.04 | 8.44 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 1:16 | 303.0531250 | Deploying | 2 | 90 | 0.27 | 0 | 0.06 | 8.46 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:17 | 303.0534722 | Deploying | 2 | 120 | 0.27 | 0 | 0.08 | 8.44 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:17 | 303.0538194 | Deploying | 2 | 150 | 0.27 | 0 | 0.09 | 8.46 | 0 | 0 | 0 | 21 | 24 | 22 | 24 |
| 10/29/2016 1:18 | 303.0541667 | Deploying | 2 | 180 | 0.26 | 0 | 0.11 | 8.46 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 1:18 | 303.0545139 | Deploying | 2 | 210 | 0.26 | 0 | 0.13 | 8.46 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 1:19 | 303.0548611 | Deploying | 2 | 240 | 0.27 | 0 | 0.14 | 8.44 | 0 | 0 | 0 | 19 | 19 | 21 | 19 |
| 10/29/2016 1:19 | 303.0552083 | Deploying | 2 | 270 | 0.27 | 0 | 0.16 | 8.48 | 0 | 0 | 0 | 21 | 21 | 22 | 21 |
| 10/29/2016 1:20 | 303.0555556 | Deploying | 2 | 300 | 0.26 | 0 | 0.18 | 8.48 | 0 | 0 | 0 | 24 | 23 | 22 | 23 |
| 10/29/2016 1:20 | 303.0559028 | Deploying | 2 | 330 | 0.26 | 0 | 0.19 | 8.46 | 0 | 0 | 0 | 23 | 23 | 22 | 23 |
| 10/29/2016 1:21 | 303.0562500 | Deploying | 2 | 360 | 0.27 | 0 | 0.21 | 8.44 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 1:21 | 303.0565972 | Deploying | 2 | 390 | 0.26 | 0 | 0.23 | 8.46 | 0 | 0 | 0 | 23 | 24 | 23 | 24 |
| 10/29/2016 1:22 | 303.0569444 | Deploying | 2 | 420 | 0.26 | 0 | 0.25 | 8.44 | 0 | 0 | 0 | 22 | 24 | 23 | 24 |
| 10/29/2016 1:22 | 303.0572917 | Deploying | 2 | 450 | 0.27 | 0 | 0.26 | 8.46 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 1:23 | 303.0576389 | Deploying | 2 | 480 | 0.26 | 0 | 0.28 | 8.46 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 1:23 | 303.0579861 | Deploying | 2 | 510 | 0.27 | 0 | 0.3 | 8.48 | 0 | 0 | 0 | 21 | 24 | 23 | 24 |
| 10/29/2016 1:24 | 303.0583333 | Deploying | 2 | 540 | 0.26 | 0 | 0.31 | 8.46 | 0 | 0 | 0 | 21 | 22 | 22 | 22 |
| 10/29/2016 1:24 | 303.0586111 | Winding down 1677 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:24 | 303.0586806 | Deploying | 2 | 570 | 0.27 | 0.06 | 0.33 | 8.46 | 2248 | 1573 | 0 | 21 | 24 | 23 | 24 |
| 10/29/2016 1:25 | 303.0590278 | Deploying | 2 | 600 | 0.33 | 0.06 | 0.35 | 8.44 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 1:25 | 303.0593750 | Deploying | 2 | 630 | 0.33 | 0.06 | 0.36 | 8.48 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/29/2016 1:26 | 303.0597222 | Deploying | 2 | 660 | 0.32 | 0.06 | 0.38 | 8.44 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 1:26 | 303.0598148 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:26 | 303.0600694 | Deploying | 2 | 690 | 0.37 | 0.13 | 0.4 | 8.43 | 2101 | 1569 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:27 | 303.0604167 | Deploying | 2 | 720 | 0.38 | 0.13 | 0.42 | 8.44 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:27 | 303.0607639 | Deploying | 2 | 750 | 0.4 | 0.13 | 0.43 | 8.46 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 1:28 | 303.0611111 | Deploying | 2 | 780 | 0.39 | 0.13 | 0.45 | 8.44 | 0 | 0 | 0 | 23 | 22 | 22 | 22 |
| 10/29/2016 1:28 | 303.0611227 | Winding down 1426 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:28 | 303.0614583 | Deploying | 2 | 810 | 0.44 | 0.18 | 0.47 | 8.46 | 2058 | 1545 | 0 | 22 | 21 | 22 | 21 |
| 10/29/2016 1:29 | 303.0618056 | Deploying | 2 | 840 | 0.45 | 0.18 | 0.48 | 8.43 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:29 | 303.0621528 | Deploying | 2 | 870 | 0.44 | 0.18 | 0.5 | 8.43 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:29 | 303.0623148 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:30 | 303.0625000 | Deploying | 2 | 900 | 0.48 | 0.24 | 0.52 | 8.44 | 2069 | 1552 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 1:30 | 303.0628472 | Deploying | 2 | 930 | 0.53 | 0.24 | 0.53 | 8.44 | 0 | 0 | 0 | 22 | 22 | 22 | 22 |
| 10/29/2016 1:31 | 303.0631944 | Deploying | 2 | 960 | 0.53 | 0.24 | 0.55 | 8.43 | 0 | 0 | 0 | 20 | 20 | 21 | 20 |
| 10/29/2016 1:31 | 303.0635417 | Deploying | 2 | 990 | 0.52 | 0.24 | 0.57 | 8.46 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:31 | 303.0637963 | Winding down 1849 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:32 | 303.0638889 | Deploying | 2 | 1020 | 0.54 | 0.31 | 0.59 | 8.43 | 2048 | 1550 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:32 | 303.0642361 | Deploying | 2 | 1050 | 0.61 | 0.31 | 0.6 | 8.46 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 1:33 | 303.0645833 | Deploying | 2 | 1080 | 0.6 | 0.31 | 0.62 | 8.43 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:33 | 303.0649306 | Deploying | 2 | 1110 | 0.6 | 0.31 | 0.64 | 8.46 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:34 | 303.0652778 | Deploying | 2 | 1140 | 0.6 | 0.31 | 0.65 | 8.43 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:34 | 303.0652778 | Winding down 1437 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:34 | 303.0656250 | Deploying | 2 | 1170 | 0.67 | 0.37 | 0.67 | 8.46 | 2267 | 1581 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:35 | 303.0659722 | Deploying | 2 | 1200 | 0.68 | 0.37 | 0.69 | 8.43 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 1:35 | 303.0663194 | Deploying | 2 | 1230 | 0.66 | 0.37 | 0.7 | 8.43 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:36 | 303.0666667 | Deploying | 2 | 1260 | 0.67 | 0.37 | 0.72 | 8.46 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 1:36 | 303.0667130 | Winding down 1494 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 1:36 | 303.0670139 | Deploying | 2 | 1290 | 0.71 | 0.42 | 0.74 | 8.44 | 2158 | 1561 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:37 | 303.0673611 | Deploying | 2 | 1320 | 0.72 | 0.42 | 0.76 | 8.46 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 1:37 | 303.0677083 Deploying | | 2 | 1350 | 0.72 | 0.42 | 0.77 | 8.41 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:37 | 303.0678819 Winding down 1525 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:38 | 303.0680556 Deploying | | 2 | 1380 | 0.76 | 0.48 | 0.79 | 8.43 | 2069 | 1566 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:38 | 303.0684028 Deploying | | 2 | 1410 | 0.79 | 0.48 | 0.81 | 8.43 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:39 | 303.0687500 Deploying | | 2 | 1440 | 0.81 | 0.48 | 0.82 | 8.43 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:39 | 303.0690972 Deploying | | 2 | 1470 | 0.78 | 0.48 | 0.84 | 8.41 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:39 | 303.0692940 Winding down 1878 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:40 | 303.0694444 Deploying | | 2 | 1500 | 0.81 | 0.55 | 0.86 | 8.44 | 2264 | 1571 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 1:40 | 303.0697917 Deploying | | 2 | 1530 | 0.86 | 0.55 | 0.87 | 8.44 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:41 | 303.0701389 Deploying | | 2 | 1560 | 0.87 | 0.55 | 0.89 | 8.44 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 1:41 | 303.0704861 Deploying | | 2 | 1590 | 0.85 | 0.55 | 0.91 | 8.4 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 1:41 | 303.0706713 Winding down 1439 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:42 | 303.0708333 Deploying | | 2 | 1620 | 0.9 | 0.61 | 0.93 | 8.43 | 2063 | 1558 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 1:42 | 303.0711806 Deploying | | 2 | 1650 | 0.93 | 0.61 | 0.94 | 8.41 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 1:43 | 303.0715278 Deploying | | 2 | 1680 | 0.93 | 0.61 | 0.96 | 8.41 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:43 | 303.0718750 Deploying | | 2 | 1710 | 0.93 | 0.61 | 0.98 | 8.43 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 1:44 | 303.0722222 Deploying | | 2 | 1740 | 0.94 | 0.61 | 0.99 | 8.43 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/29/2016 1:44 | 303.0724421 Winding down 1831 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:44 | 303.0725694 Deploying | | 2 | 1770 | 0.96 | 0.68 | 1.01 | 8.43 | 2117 | 1568 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 1:45 | 303.0729167 Deploying | | 2 | 1800 | 1.01 | 0.68 | 1.03 | 8.4 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:45 | 303.0732639 Deploying | | 2 | 1830 | 1.02 | 0.68 | 1.04 | 8.43 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 1:46 | 303.0736111 Deploying | | 2 | 1860 | 1 | 0.68 | 1.06 | 8.43 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 1:46 | 303.0737384 Winding down 1668 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:46 | 303.0739583 Deploying | | 2 | 1890 | 1.05 | 0.74 | 1.08 | 8.38 | 2082 | 1559 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 1:47 | 303.0743056 Deploying | | 2 | 1920 | 1.08 | 0.74 | 1.1 | 8.41 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 1:47 | 303.0746528 Deploying | | 2 | 1950 | 1.09 | 0.74 | 1.11 | 8.4 | 0 | 0 | 0 | 20 | 23 | 21 | 23 |
| 10/29/2016 1:48 | 303.0750000 Deploying | | 2 | 1980 | 1.08 | 0.74 | 1.13 | 8.43 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:48 | 303.0753472 Deploying | | 2 | 2010 | 1.1 | 0.74 | 1.15 | 8.41 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:48 | 303.0755093 Winding down 1410 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:49 | 303.0756944 Deploying | | 2 | 2040 | 1.12 | 0.79 | 1.16 | 8.4 | 2074 | 1549 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 1:49 | 303.0760417 Deploying | | 2 | 2070 | 1.16 | 0.79 | 1.18 | 8.41 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:50 | 303.0763889 Deploying | | 2 | 2100 | 1.14 | 0.79 | 1.2 | 8.4 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:50 | 303.0766088 Winding down 1556 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:50 | 303.0767361 Deploying | | 2 | 2130 | 1.17 | 0.85 | 1.21 | 8.4 | 2113 | 1569 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 1:51 | 303.0770833 Deploying | | 2 | 2160 | 1.21 | 0.85 | 1.23 | 8.38 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 1:51 | 303.0774306 Deploying | | 2 | 2190 | 1.22 | 0.85 | 1.25 | 8.43 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:52 | 303.0777778 Deploying | | 2 | 2220 | 1.21 | 0.85 | 1.27 | 8.4 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:52 | 303.0779630 Winding down 1589 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:52 | 303.0781250 Deploying | | 2 | 2250 | 1.24 | 0.91 | 1.28 | 8.41 | 2012 | 1533 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 1:53 | 303.0784722 Deploying | | 2 | 2280 | 1.28 | 0.91 | 1.3 | 8.38 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 1:53 | 303.0788194 Deploying | | 2 | 2310 | 1.28 | 0.91 | 1.32 | 8.43 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:54 | 303.0791667 Deploying | | 2 | 2340 | 1.27 | 0.91 | 1.33 | 8.38 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:54 | 303.0793287 Winding down 1285 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:54 | 303.0795139 Deploying | | 2 | 2370 | 1.32 | 0.96 | 1.35 | 8.4 | 2043 | 1550 | 0 | 21 | 20 | 21 | 20 |
| 10/29/2016 1:55 | 303.0798611 Deploying | | 2 | 2400 | 1.35 | 0.96 | 1.37 | 8.4 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 1:55 | 303.0802083 Deploying | | 2 | 2430 | 1.34 | 0.96 | 1.38 | 8.41 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:56 | 303.0805556 Deploying | | 2 | 2460 | 1.33 | 0.96 | 1.4 | 8.38 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 1:56 | 303.0807870 Winding down 2445 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 1:56 | 303.0809028 Deploying | | 2 | 2490 | 1.36 | 1.05 | 1.42 | 8.4 | 2098 | 1549 | 0 | 19 | 22 | 20 | 22 |
| 10/29/2016 1:57 | 303.0812500 Deploying | | 2 | 2520 | 1.44 | 1.05 | 1.44 | 8.38 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 1:57 | 303.0815972 Deploying | | 2 | 2550 | 1.43 | 1.05 | 1.45 | 8.4 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 1:58 | 303.0819444 Deploying | | 2 | 2580 | 1.44 | 1.05 | 1.47 | 8.4 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 1:58 | 303.0822917 Deploying | | 2 | 2610 | 1.44 | 1.05 | 1.49 | 8.4 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 1:58 | 303.0825463 Winding down 1449 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 1:59 | 303.0826389 Deploying | | 2 | 2640 | 1.46 | 1.11 | 1.5 | 8.38 | 2045 | 1565 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 1:59 | 303.0829861 Deploying | | 2 | 2670 | 1.52 | 1.11 | 1.52 | 8.4 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 2:00 | 303.0833333 Deploying | | 2 | 2700 | 1.51 | 1.11 | 1.54 | 8.38 | 0 | 0 | 0 | 22 | 21 | 20 | 21 |
| 10/29/2016 2:00 | 303.0836806 Deploying | | 2 | 2730 | 1.5 | 1.11 | 1.55 | 8.38 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:01 | 303.0840278 Deploying | | 2 | 2760 | 1.52 | 1.11 | 1.57 | 8.4 | 0 | 0 | 0 | 22 | 22 | 21 | 22 |
| 10/29/2016 2:01 | 303.0840972 Winding down 1472 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:01 | 303.0843750 Deploying | | 2 | 2790 | 1.56 | 1.16 | 1.59 | 8.4 | 2051 | 1544 | 0 | 20 | 20 | 21 | 20 |
| 10/29/2016 2:02 | 303.0847222 Deploying | | 2 | 2820 | 1.56 | 1.16 | 1.61 | 8.41 | 0 | 0 | 0 | 22 | 22 | 21 | 22 |
| 10/29/2016 2:02 | 303.0850463 Winding down 1659 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:02 | 303.0850694 Deploying | | 2 | 2850 | 1.56 | 1.22 | 1.62 | 8.33 | 2176 | 1558 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 2:03 | 303.0854167 Deploying | | 2 | 2880 | 1.63 | 1.22 | 1.64 | 8.41 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:03 | 303.0857639 Deploying | | 2 | 2910 | 1.65 | 1.22 | 1.66 | 8.4 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:04 | 303.0861111 Deploying | | 2 | 2940 | 1.64 | 1.22 | 1.67 | 8.4 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:04 | 303.0864583 Deploying | | 2 | 2970 | 1.65 | 1.22 | 1.69 | 8.38 | 0 | 0 | 0 | 19 | 21 | 21 | 21 |
| 10/29/2016 2:04 | 303.0866898 Winding down 1445 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:05 | 303.0868056 Deploying | | 2 | 3000 | 1.66 | 1.28 | 1.71 | 8.4 | 2250 | 1568 | 0 | 20 | 20 | 21 | 20 |
| 10/29/2016 2:05 | 303.0871528 Deploying | | 2 | 3030 | 1.69 | 1.28 | 1.72 | 8.38 | 0 | 0 | 0 | 19 | 22 | 21 | 22 |
| 10/29/2016 2:06 | 303.0875000 Deploying | | 2 | 3060 | 1.71 | 1.28 | 1.74 | 8.37 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 2:06 | 303.0878472 Deploying | | 2 | 3090 | 1.7 | 1.28 | 1.76 | 8.37 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 2:06 | 303.0880440 Winding down 1253 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:07 | 303.0881944 Deploying | | 2 | 3120 | 1.73 | 1.33 | 1.78 | 8.41 | 1999 | 1554 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 2:07 | 303.0885417 Deploying | | 2 | 3150 | 1.76 | 1.33 | 1.79 | 8.38 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 2:08 | 303.0888889 Deploying | | 2 | 3180 | 1.76 | 1.33 | 1.81 | 8.38 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:08 | 303.0889931 Winding down 1265 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:08 | 303.0892361 Deploying | | 2 | 3210 | 1.79 | 1.37 | 1.83 | 8.38 | 2103 | 1574 | 0 | 22 | 21 | 20 | 21 |
| 10/29/2016 2:09 | 303.0895833 Deploying | | 2 | 3240 | 1.82 | 1.37 | 1.84 | 8.38 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:09 | 303.0899306 Deploying | | 2 | 3270 | 1.81 | 1.37 | 1.86 | 8.38 | 0 | 0 | 0 | 20 | 22 | 20 | 22 |
| 10/29/2016 2:10 | 303.0902778 Deploying | | 2 | 3300 | 1.82 | 1.37 | 1.88 | 8.38 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 2:10 | 303.0902894 Winding down 1301 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:10 | 303.0906250 Deploying | | 2 | 3330 | 1.87 | 1.42 | 1.89 | 8.38 | 2099 | 1556 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:11 | 303.0909722 Deploying | | 2 | 3360 | 1.88 | 1.42 | 1.91 | 8.38 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 2:11 | 303.0913194 Deploying | | 2 | 3390 | 1.87 | 1.42 | 1.93 | 8.37 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 2:11 | 303.0913542 Winding down 1505 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:12 | 303.0916667 Deploying | | 2 | 3420 | 1.93 | 1.48 | 1.95 | 8.4 | 2052 | 1546 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:12 | 303.0920139 Deploying | | 2 | 3450 | 1.92 | 1.48 | 1.96 | 8.41 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:13 | 303.0923611 Deploying | | 2 | 3480 | 1.93 | 1.48 | 1.98 | 8.37 | 0 | 0 | 0 | 20 | 22 | 20 | 22 |
| 10/29/2016 2:13 | 303.0924537 Winding down 1350 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:13 | 303.0927083 Deploying | | 2 | 3510 | 1.98 | 1.53 | 2 | 8.38 | 2070 | 1558 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 2:14 | 303.0930556 Deploying | | 2 | 3540 | 1.99 | 1.53 | 2.01 | 8.37 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:14 | 303.0934028 Deploying | | 2 | 3570 | 2 | 1.53 | 2.03 | 8.38 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 2:15 | 303.0937500 Deploying | | 2 | 3600 | 1.98 | 1.53 | 2.05 | 8.37 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 2:15 | 303.0940046 Winding down 1799 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:15 | 303.0940972 Deploying | | 2 | 3630 | 2.01 | 1.6 | 2.06 | 8.4 | 2077 | 1543 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 2:16 | 303.0944444 Deploying | | 2 | 3660 | 2.06 | 1.6 | 2.08 | 8.4 | 0 | 0 | 0 | 19 | 19 | 20 | 19 |
| 10/29/2016 2:16 | 303.0947917 Deploying | | 2 | 3690 | 2.07 | 1.6 | 2.1 | 8.38 | 0 | 0 | 0 | 22 | 22 | 21 | 22 |
| 10/29/2016 2:17 | 303.0951389 Deploying | | 2 | 3720 | 2.06 | 1.6 | 2.12 | 8.38 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:17 | 303.0952315 Winding down 1600 ticks | | 3 | | | | | | | | | | |
| 10/29/2016 2:17 | 303.0954861 Deploying | | 2 | 3750 | 2.1 | 1.66 | 2.13 | 8.35 | 2146 | 1553 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:18 | 303.0958333 Deploying | | 2 | 3780 | 2.11 | 1.66 | 2.15 | 8.38 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 2:18 | 303.0961806 Deploying | | 2 | 3810 | 2.14 | 1.66 | 2.17 | 8.38 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:19 | 303.0965278 Deploying | | 2 | 3840 | 2.11 | 1.66 | 2.18 | 8.37 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:19 | 303.0966088 Winding down 1836 ticks | | 3 | | | | | | | | | | |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 2:19 | 303.0968750 Deploying | 2 | 3870 | 2.18 | 1.73 | 2.2 | 8.37 | 2091 | 1559 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 2:20 | 303.0972222 Deploying | 2 | 3900 | 2.2 | 1.73 | 2.22 | 8.38 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:20 | 303.0975694 Deploying | 2 | 3930 | 2.2 | 1.73 | 2.23 | 8.38 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:21 | 303.0979167 Deploying | 2 | 3960 | 2.2 | 1.73 | 2.25 | 8.38 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 2:21 | 303.0980440 Winding down 1318 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:21 | 303.0982639 Deploying | 2 | 3990 | 2.25 | 1.78 | 2.27 | 8.35 | 2077 | 1562 | 0 | 22 | 21 | 20 | 21 |
| 10/29/2016 2:22 | 303.0986111 Deploying | 2 | 4020 | 2.27 | 1.78 | 2.29 | 8.37 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:22 | 303.0989583 Deploying | 2 | 4050 | 2.26 | 1.78 | 2.3 | 8.35 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:23 | 303.0993056 Deploying | 2 | 4080 | 2.27 | 1.78 | 2.32 | 8.38 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/29/2016 2:23 | 303.0996296 Winding down 1984 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:23 | 303.0996528 Deploying | 2 | 4110 | 2.26 | 1.86 | 2.34 | 8.29 | 2101 | 1569 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 2:24 | 303.1000000 Deploying | 2 | 4140 | 2.36 | 1.86 | 2.35 | 8.35 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 2:24 | 303.1003472 Deploying | 2 | 4170 | 2.36 | 1.86 | 2.37 | 8.35 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 2:25 | 303.1006944 Deploying | 2 | 4200 | 2.35 | 1.86 | 2.39 | 8.38 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:25 | 303.1010417 Deploying | 2 | 4230 | 2.35 | 1.86 | 2.4 | 8.37 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 2:25 | 303.1011921 Winding down 1796 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:26 | 303.1013889 Deploying | 2 | 4260 | 2.4 | 1.92 | 2.42 | 8.35 | 2083 | 1552 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 2:26 | 303.1017361 Deploying | 2 | 4290 | 2.44 | 1.92 | 2.44 | 8.35 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:27 | 303.1020833 Deploying | 2 | 4320 | 2.44 | 1.92 | 2.46 | 8.37 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/29/2016 2:27 | 303.1024306 Deploying | 2 | 4350 | 2.44 | 1.92 | 2.47 | 8.35 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 2:28 | 303.1027778 Deploying | 2 | 4380 | 2.45 | 1.92 | 2.49 | 8.35 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 2:28 | 303.1031250 Deploying | 2 | 4410 | 2.43 | 1.92 | 2.51 | 8.33 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 2:28 | 303.1031481 Winding down 2165 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:29 | 303.1034722 Deploying | 2 | 4440 | 2.52 | 2 | 2.52 | 8.37 | 2067 | 1563 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:29 | 303.1038194 Deploying | 2 | 4470 | 2.52 | 2 | 2.54 | 8.37 | 0 | 0 | 0 | 22 | 21 | 20 | 21 |
| 10/29/2016 2:30 | 303.1041667 Deploying | 2 | 4500 | 2.52 | 2 | 2.56 | 8.37 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:30 | 303.1045139 Deploying | 2 | 4530 | 2.53 | 2 | 2.57 | 8.35 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:30 | 303.1047917 Winding down 1727 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:31 | 303.1048611 Deploying | 2 | 4560 | 2.54 | 2.07 | 2.59 | 8.37 | 2247 | 1565 | 0 | 19 | 20 | 21 | 20 |
| 10/29/2016 2:31 | 303.1052083 Deploying | 2 | 4590 | 2.59 | 2.07 | 2.61 | 8.33 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 2:32 | 303.1055556 Deploying | 2 | 4620 | 2.6 | 2.07 | 2.63 | 8.35 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 2:32 | 303.1059028 Deploying | 2 | 4650 | 2.61 | 2.07 | 2.64 | 8.35 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:33 | 303.1062500 Deploying | 2 | 4680 | 2.6 | 2.07 | 2.66 | 8.35 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:33 | 303.1062616 Winding down 1526 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:33 | 303.1065972 Deploying | 2 | 4710 | 2.66 | 2.13 | 2.68 | 8.35 | 2065 | 1560 | 0 | 19 | 22 | 20 | 22 |
| 10/29/2016 2:34 | 303.1069444 Deploying | 2 | 4740 | 2.66 | 2.13 | 2.69 | 8.37 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 2:34 | 303.1072917 Deploying | 2 | 4770 | 2.66 | 2.13 | 2.71 | 8.4 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:34 | 303.1075347 Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:35 | 303.1076389 Deploying | 2 | 4800 | 2.7 | 2.19 | 2.73 | 8.33 | 2024 | 1520 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:35 | 303.1079861 Deploying | 2 | 4830 | 2.75 | 2.19 | 2.74 | 8.35 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:36 | 303.1083333 Deploying | 2 | 4860 | 2.72 | 2.19 | 2.76 | 8.38 | 0 | 0 | 0 | 20 | 20 | 21 | 20 |
| 10/29/2016 2:36 | 303.1086806 Deploying | 2 | 4890 | 2.73 | 2.19 | 2.78 | 8.33 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 2:36 | 303.1089005 Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:37 | 303.1090278 Deploying | 2 | 4920 | 2.75 | 2.25 | 2.8 | 8.35 | 2075 | 1570 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 2:37 | 303.1093750 Deploying | 2 | 4950 | 2.8 | 2.25 | 2.81 | 8.37 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 2:38 | 303.1097222 Deploying | 2 | 4980 | 2.82 | 2.25 | 2.83 | 8.33 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:38 | 303.1100694 Deploying | 2 | 5010 | 2.81 | 2.25 | 2.85 | 8.37 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:39 | 303.1104167 Deploying | 2 | 5040 | 2.81 | 2.25 | 2.86 | 8.35 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:39 | 303.1104514 Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:39 | 303.1107639 Deploying | 2 | 5070 | 2.85 | 2.31 | 2.88 | 8.37 | 2184 | 1576 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:40 | 303.1111111 Deploying | 2 | 5100 | 2.85 | 2.31 | 2.9 | 8.37 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 2:40 | 303.1114583 Deploying | 2 | 5130 | 2.87 | 2.31 | 2.91 | 8.37 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 2:40 | 303.1116088 Winding down 1271 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Tick | Status | | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 2:41 | 303.1118056 | Deploying | 2 | 5160 | 2.89 | 2.35 | 2.93 | 8.33 | 2071 | 1583 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:41 | 303.1121528 | Deploying | 2 | 5190 | 2.91 | 2.35 | 2.95 | 8.37 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:42 | 303.1125000 | Deploying | 2 | 5220 | 2.91 | 2.35 | 2.97 | 8.33 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:42 | 303.1127083 | Winding down 1317 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:42 | 303.1128472 | Deploying | 2 | 5250 | 2.95 | 2.4 | 2.98 | 8.38 | 2048 | 1555 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:43 | 303.1131944 | Deploying | 2 | 5280 | 2.97 | 2.4 | 3 | 8.37 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:43 | 303.1135417 | Deploying | 2 | 5310 | 2.97 | 2.4 | 3.02 | 8.33 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 2:44 | 303.1138889 | Deploying | 2 | 5340 | 2.97 | 2.4 | 3.03 | 8.33 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 2:44 | 303.1139120 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:44 | 303.1142361 | Deploying | 2 | 5370 | 3.04 | 2.47 | 3.05 | 8.37 | 1998 | 1559 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:45 | 303.1145833 | Deploying | 2 | 5400 | 3.04 | 2.47 | 3.07 | 8.35 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:45 | 303.1149306 | Deploying | 2 | 5430 | 3.04 | 2.47 | 3.08 | 8.33 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:46 | 303.1152778 | Deploying | 2 | 5460 | 3.02 | 2.47 | 3.1 | 8.35 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 2:46 | 303.1153472 | Winding down 2297 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:46 | 303.1156250 | Deploying | 2 | 5490 | 3.12 | 2.56 | 3.12 | 8.3 | 2084 | 1551 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:47 | 303.1159722 | Deploying | 2 | 5520 | 3.14 | 2.56 | 3.14 | 8.33 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:47 | 303.1163194 | Deploying | 2 | 5550 | 3.15 | 2.56 | 3.15 | 8.33 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:48 | 303.1166667 | Deploying | 2 | 5580 | 3.15 | 2.56 | 3.17 | 8.38 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 2:48 | 303.1170139 | Deploying | 2 | 5610 | 3.16 | 2.56 | 3.19 | 8.35 | 0 | 0 | 0 | 20 | 20 | 21 | 20 |
| 10/29/2016 2:49 | 303.1173611 | Deploying | 2 | 5640 | 3.14 | 2.56 | 3.2 | 8.33 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:49 | 303.1173958 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:49 | 303.1177083 | Deploying | 2 | 5670 | 3.22 | 2.62 | 3.22 | 8.35 | 2075 | 1569 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:50 | 303.1180556 | Deploying | 2 | 5700 | 3.22 | 2.62 | 3.24 | 8.32 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 2:50 | 303.1184028 | Deploying | 2 | 5730 | 3.21 | 2.62 | 3.25 | 8.33 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:51 | 303.1187500 | Deploying | 2 | 5760 | 3.21 | 2.62 | 3.27 | 8.32 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 2:51 | 303.1188194 | Winding down 1747 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:51 | 303.1190972 | Deploying | 2 | 5790 | 3.27 | 2.69 | 3.29 | 8.32 | 2067 | 1561 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 2:52 | 303.1194444 | Deploying | 2 | 5820 | 3.3 | 2.69 | 3.31 | 8.33 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 2:52 | 303.1197917 | Deploying | 2 | 5850 | 3.29 | 2.69 | 3.32 | 8.32 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:53 | 303.1201389 | Deploying | 2 | 5880 | 3.29 | 2.69 | 3.34 | 8.33 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:53 | 303.1203472 | Winding down 1417 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:53 | 303.1204861 | Deploying | 2 | 5910 | 3.32 | 2.74 | 3.36 | 8.33 | 2234 | 1567 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 2:54 | 303.1208333 | Deploying | 2 | 5940 | 3.35 | 2.74 | 3.37 | 8.35 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:54 | 303.1211806 | Deploying | 2 | 5970 | 3.36 | 2.74 | 3.39 | 8.33 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:55 | 303.1215278 | Deploying | 2 | 6000 | 3.37 | 2.74 | 3.41 | 8.3 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 2:55 | 303.1218750 | Deploying | 2 | 6030 | 3.35 | 2.74 | 3.42 | 8.33 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 2:55 | 303.1219329 | Winding down 1958 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:56 | 303.1222222 | Deploying | 2 | 6060 | 3.42 | 2.81 | 3.44 | 8.33 | 2190 | 1564 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 2:56 | 303.1225694 | Deploying | 2 | 6090 | 3.43 | 2.81 | 3.46 | 8.33 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 2:57 | 303.1229167 | Deploying | 2 | 6120 | 3.45 | 2.81 | 3.48 | 8.33 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:57 | 303.1232639 | Deploying | 2 | 6150 | 3.44 | 2.81 | 3.49 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 2:57 | 303.1235417 | Winding down 1952 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 2:58 | 303.1236111 | Deploying | 2 | 6180 | 3.42 | 2.89 | 3.51 | 8.29 | 2083 | 1558 | 0 | 21 | 20 | 21 | 20 |
| 10/29/2016 2:58 | 303.1239583 | Deploying | 2 | 6210 | 3.52 | 2.89 | 3.53 | 8.35 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 2:59 | 303.1243056 | Deploying | 2 | 6240 | 3.52 | 2.89 | 3.54 | 8.32 | 0 | 0 | 0 | 20 | 22 | 20 | 22 |
| 10/29/2016 2:59 | 303.1246528 | Deploying | 2 | 6270 | 3.52 | 2.89 | 3.56 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:00 | 303.1250000 | Deploying | 2 | 6300 | 3.51 | 2.89 | 3.58 | 8.33 | 0 | 0 | 0 | 19 | 22 | 20 | 22 |
| 10/29/2016 3:00 | 303.1250000 | Winding down 1637 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:00 | 303.1253472 | Deploying | 2 | 6330 | 3.6 | 2.95 | 3.59 | 8.33 | 2089 | 1563 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 3:01 | 303.1256944 | Deploying | 2 | 6360 | 3.59 | 2.95 | 3.61 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:01 | 303.1260417 | Deploying | 2 | 6390 | 3.61 | 2.95 | 3.63 | 8.33 | 0 | 0 | 0 | 19 | 19 | 20 | 19 |
| 10/29/2016 3:02 | 303.1263889 | Deploying | 2 | 6420 | 3.61 | 2.95 | 3.65 | 8.37 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 3:02 | 303.1267361 | Deploying | 2 | 6450 | 3.62 | 2.95 | 3.66 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:03 | 303.1270833 Deploying | 2 | 6480 | 3.6 | 2.95 | 3.68 | 8.33 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:03 | 303.1270833 Winding down 2037 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:03 | 303.1274306 Deploying | 2 | 6510 | 3.68 | 3.03 | 3.7 | 8.33 | 2145 | 1556 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:04 | 303.1277778 Deploying | 2 | 6540 | 3.67 | 3.03 | 3.71 | 8.3 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:04 | 303.1281250 Deploying | 2 | 6570 | 3.69 | 3.03 | 3.73 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:04 | 303.1283218 Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:05 | 303.1284722 Deploying | 2 | 6600 | 3.71 | 3.09 | 3.75 | 8.33 | 2055 | 1558 | 0 | 20 | 22 | 20 | 22 |
| 10/29/2016 3:05 | 303.1288194 Deploying | 2 | 6630 | 3.76 | 3.09 | 3.76 | 8.3 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:06 | 303.1291667 Deploying | 2 | 6660 | 3.75 | 3.09 | 3.78 | 8.3 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:06 | 303.1295139 Deploying | 2 | 6690 | 3.74 | 3.09 | 3.8 | 8.3 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:06 | 303.1296296 Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:07 | 303.1298611 Deploying | 2 | 6720 | 3.8 | 3.14 | 3.82 | 8.32 | 2239 | 1564 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:07 | 303.1302083 Deploying | 2 | 6750 | 3.83 | 3.14 | 3.83 | 8.35 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:08 | 303.1305556 Deploying | 2 | 6780 | 3.83 | 3.14 | 3.85 | 8.3 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 3:08 | 303.1309028 Deploying | 2 | 6810 | 3.82 | 3.14 | 3.87 | 8.33 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 3:09 | 303.1312500 Deploying | 2 | 6840 | 3.82 | 3.14 | 3.88 | 8.3 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:09 | 303.1313426 Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:09 | 303.1315972 Deploying | 2 | 6870 | 3.88 | 3.21 | 3.9 | 8.3 | 2013 | 1557 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:10 | 303.1319444 Deploying | 2 | 6900 | 3.88 | 3.21 | 3.92 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:10 | 303.1322917 Deploying | 2 | 6930 | 3.9 | 3.21 | 3.93 | 8.33 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 3:11 | 303.1326389 Deploying | 2 | 6960 | 3.9 | 3.21 | 3.95 | 8.32 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:11 | 303.1328935 Winding down 1624 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:11 | 303.1329861 Deploying | 2 | 6990 | 3.92 | 3.27 | 3.97 | 8.3 | 2005 | 1509 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:12 | 303.1333333 Deploying | 2 | 7020 | 3.96 | 3.27 | 3.99 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:12 | 303.1336806 Deploying | 2 | 7050 | 3.97 | 3.27 | 4 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:13 | 303.1340278 Deploying | 2 | 7080 | 3.98 | 3.27 | 4.02 | 8.3 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:13 | 303.1343750 Deploying | 2 | 7110 | 3.98 | 3.27 | 4.04 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:13 | 303.1344907 Winding down 1804 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:14 | 303.1347222 Deploying | 2 | 7140 | 4.02 | 3.34 | 4.05 | 8.33 | 2054 | 1524 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:14 | 303.1350694 Deploying | 2 | 7170 | 4.04 | 3.34 | 4.07 | 8.33 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 3:15 | 303.1354167 Deploying | 2 | 7200 | 4.04 | 3.34 | 4.09 | 8.27 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:15 | 303.1356713 Winding down 1474 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:15 | 303.1357639 Deploying | 2 | 7230 | 4.05 | 3.39 | 4.1 | 8.32 | 2052 | 1555 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 3:16 | 303.1361111 Deploying | 2 | 7260 | 4.09 | 3.39 | 4.12 | 8.33 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:16 | 303.1364583 Deploying | 2 | 7290 | 4.11 | 3.39 | 4.14 | 8.3 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:17 | 303.1368056 Deploying | 2 | 7320 | 4.08 | 3.39 | 4.16 | 8.33 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:17 | 303.1368403 Winding down 1880 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:17 | 303.1371528 Deploying | 2 | 7350 | 4.19 | 3.46 | 4.17 | 8.3 | 2073 | 1547 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 3:18 | 303.1375000 Deploying | 2 | 7380 | 4.18 | 3.46 | 4.19 | 8.3 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:18 | 303.1378472 Deploying | 2 | 7410 | 4.19 | 3.46 | 4.21 | 8.32 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 3:19 | 303.1381944 Deploying | 2 | 7440 | 4.18 | 3.46 | 4.22 | 8.3 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:19 | 303.1385185 Winding down 1409 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:19 | 303.1385417 Deploying | 2 | 7470 | 4.18 | 3.52 | 4.24 | 8.25 | 2088 | 1548 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:20 | 303.1388889 Deploying | 2 | 7500 | 4.23 | 3.52 | 4.26 | 8.27 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 3:20 | 303.1392361 Deploying | 2 | 7530 | 4.24 | 3.52 | 4.27 | 8.29 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:21 | 303.1395833 Deploying | 2 | 7560 | 4.25 | 3.52 | 4.29 | 8.29 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:21 | 303.1398148 Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:21 | 303.1399306 Deploying | 2 | 7590 | 4.26 | 3.58 | 4.31 | 8.33 | 2035 | 1568 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:22 | 303.1402778 Deploying | 2 | 7620 | 4.32 | 3.58 | 4.33 | 8.32 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:22 | 303.1406250 Deploying | 2 | 7650 | 4.32 | 3.58 | 4.34 | 8.29 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 3:23 | 303.1409722 Deploying | 2 | 7680 | 4.32 | 3.58 | 4.36 | 8.3 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:23 | 303.1413194 Deploying | 2 | 7710 | 4.31 | 3.58 | 4.38 | 8.27 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:23 | 303.1413426 Winding down 1940 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:24 | 303.1416667 Deploying | 2 | 7740 | 4.39 | 3.65 | 4.39 | 8.32 | 2021 | 1538 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:24 | 303.1420139 Deploying | 2 | 7770 | 4.4 | 3.65 | 4.41 | 8.32 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:25 | 303.1423611 Deploying | 2 | 7800 | 4.4 | 3.65 | 4.43 | 8.27 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:25 | 303.1427083 Deploying | 2 | 7830 | 4.4 | 3.65 | 4.44 | 8.29 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:26 | 303.1430556 Deploying | 2 | 7860 | 4.41 | 3.65 | 4.46 | 8.29 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:26 | 303.1430787 Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:26 | 303.1434028 Deploying | 2 | 7890 | 4.46 | 3.71 | 4.48 | 8.27 | 2082 | 1542 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 3:27 | 303.1437500 Deploying | 2 | 7920 | 4.46 | 3.71 | 4.5 | 8.32 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 3:27 | 303.1440972 Deploying | 2 | 7950 | 4.46 | 3.71 | 4.51 | 8.29 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/29/2016 3:27 | 303.1441088 Winding down 1351 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:28 | 303.1444444 Deploying | 2 | 7980 | 4.52 | 3.76 | 4.53 | 8.32 | 2026 | 1540 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:28 | 303.1447917 Deploying | 2 | 8010 | 4.52 | 3.76 | 4.55 | 8.3 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 3:29 | 303.1451389 Deploying | 2 | 8040 | 4.52 | 3.76 | 4.56 | 8.32 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 3:29 | 303.1454861 Deploying | 2 | 8070 | 4.5 | 3.76 | 4.58 | 8.25 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 3:29 | 303.1454977 Winding down 1951 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:30 | 303.1458333 Deploying | 2 | 8100 | 4.59 | 3.83 | 4.6 | 8.25 | 2081 | 1560 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 3:30 | 303.1461806 Deploying | 2 | 8130 | 4.6 | 3.83 | 4.61 | 8.3 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:31 | 303.1465278 Deploying | 2 | 8160 | 4.58 | 3.83 | 4.63 | 8.27 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:31 | 303.1467593 Winding down 1345 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:31 | 303.1468750 Deploying | 2 | 8190 | 4.62 | 3.88 | 4.65 | 8.32 | 2173 | 1584 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:32 | 303.1472222 Deploying | 2 | 8220 | 4.66 | 3.88 | 4.67 | 8.27 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:32 | 303.1475694 Deploying | 2 | 8250 | 4.66 | 3.88 | 4.68 | 8.29 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:33 | 303.1479167 Deploying | 2 | 8280 | 4.68 | 3.88 | 4.7 | 8.27 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:33 | 303.1482639 Deploying | 2 | 8310 | 4.65 | 3.88 | 4.72 | 8.29 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:33 | 303.1484259 Winding down 1835 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:34 | 303.1486111 Deploying | 2 | 8340 | 4.69 | 3.95 | 4.73 | 8.27 | 2093 | 1570 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:34 | 303.1489583 Deploying | 2 | 8370 | 4.74 | 3.95 | 4.75 | 8.27 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:35 | 303.1493056 Deploying | 2 | 8400 | 4.74 | 3.95 | 4.77 | 8.29 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:35 | 303.1496528 Deploying | 2 | 8430 | 4.74 | 3.95 | 4.78 | 8.3 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 3:36 | 303.1500000 Deploying | 2 | 8460 | 4.75 | 3.95 | 4.8 | 8.24 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 3:36 | 303.1500926 Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:36 | 303.1503472 Deploying | 2 | 8490 | 4.78 | 4.01 | 4.82 | 8.29 | 2097 | 1566 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:37 | 303.1506944 Deploying | 2 | 8520 | 4.82 | 4.01 | 4.84 | 8.29 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:37 | 303.1510417 Deploying | 2 | 8550 | 4.8 | 4.01 | 4.85 | 8.25 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:37 | 303.1512269 Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:38 | 303.1513889 Deploying | 2 | 8580 | 4.84 | 4.07 | 4.87 | 8.3 | 2022 | 1536 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:38 | 303.1517361 Deploying | 2 | 8610 | 4.87 | 4.07 | 4.89 | 8.27 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:39 | 303.1520833 Deploying | 2 | 8640 | 4.88 | 4.07 | 4.9 | 8.3 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:39 | 303.1524306 Deploying | 2 | 8670 | 4.88 | 4.07 | 4.92 | 8.29 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:40 | 303.1527778 Deploying | 2 | 8700 | 4.85 | 4.07 | 4.94 | 8.3 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:40 | 303.1527894 Winding down 2151 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:40 | 303.1531250 Deploying | 2 | 8730 | 4.96 | 4.15 | 4.95 | 8.29 | 2204 | 1582 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 3:41 | 303.1534722 Deploying | 2 | 8760 | 4.96 | 4.15 | 4.97 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:41 | 303.1538194 Deploying | 2 | 8790 | 4.98 | 4.15 | 4.99 | 8.27 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:42 | 303.1541667 Deploying | 2 | 8820 | 4.96 | 4.15 | 5.01 | 8.29 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 3:42 | 303.1545139 Deploying | 2 | 8850 | 4.97 | 4.15 | 5.02 | 8.27 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 3:42 | 303.1547454 Winding down 1845 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:43 | 303.1548611 Deploying | 2 | 8880 | 4.99 | 4.23 | 5.04 | 8.32 | 2046 | 1574 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:43 | 303.1552083 Deploying | 2 | 8910 | 5.05 | 4.23 | 5.06 | 8.32 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 3:44 | 303.1555556 Deploying | 2 | 8940 | 5.03 | 4.23 | 5.07 | 8.24 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 3:44 | 303.1559028 Deploying | 2 | 8970 | 5.04 | 4.23 | 5.09 | 8.27 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 3:44 | 303.1561227 Winding down 1656 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:45 | 303.1562500 Deploying | 2 | 9000 | 5.08 | 4.29 | 5.11 | 8.27 | 2058 | 1556 | 0 | 20 | 20 | 20 | 20 |

| Date | Time | ID Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 | 3:45 | 303.1565972 Deploying | 2 | 9030 | 5.12 | 4.29 | 5.12 | 8.27 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:46 | 303.1569444 Deploying | 2 | 9060 | 5.12 | 4.29 | 5.14 | 8.25 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:46 | 303.1572917 Deploying | 2 | 9090 | 5.12 | 4.29 | 5.16 | 8.25 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:47 | 303.1576389 Deploying | 2 | 9120 | 5.11 | 4.29 | 5.18 | 8.27 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 3:47 | 303.1576968 Winding down 1633 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 3:47 | 303.1579861 Deploying | 2 | 9150 | 5.17 | 4.35 | 5.19 | 8.29 | 2132 | 1564 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 | 3:48 | 303.1583333 Deploying | 2 | 9180 | 5.18 | 4.35 | 5.21 | 8.27 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 | 3:48 | 303.1586806 Deploying | 2 | 9210 | 5.19 | 4.35 | 5.23 | 8.27 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 | 3:49 | 303.1590278 Deploying | 2 | 9240 | 5.19 | 4.35 | 5.24 | 8.25 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 | 3:49 | 303.1592477 Winding down 1781 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 3:49 | 303.1593750 Deploying | 2 | 9270 | 5.22 | 4.42 | 5.26 | 8.25 | 2073 | 1567 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 | 3:50 | 303.1597222 Deploying | 2 | 9300 | 5.26 | 4.42 | 5.28 | 8.29 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:50 | 303.1600694 Deploying | 2 | 9330 | 5.25 | 4.42 | 5.29 | 8.27 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 | 3:51 | 303.1604167 Deploying | 2 | 9360 | 5.26 | 4.42 | 5.31 | 8.29 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 3:51 | 303.1607639 Deploying | 2 | 9390 | 5.26 | 4.42 | 5.33 | 8.29 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:51 | 303.1607755 Winding down 1726 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 3:52 | 303.1611111 Deploying | 2 | 9420 | 5.34 | 4.48 | 5.35 | 8.25 | 2015 | 1545 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:52 | 303.1614583 Deploying | 2 | 9450 | 5.34 | 4.48 | 5.36 | 8.29 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:53 | 303.1618056 Deploying | 2 | 9480 | 5.32 | 4.48 | 5.38 | 8.27 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 | 3:53 | 303.1619560 Winding down 1821 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 3:53 | 303.1621528 Deploying | 2 | 9510 | 5.35 | 4.55 | 5.4 | 8.29 | 2017 | 1527 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 3:54 | 303.1625000 Deploying | 2 | 9540 | 5.4 | 4.55 | 5.41 | 8.25 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:54 | 303.1628472 Deploying | 2 | 9570 | 5.42 | 4.55 | 5.43 | 8.3 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:55 | 303.1631944 Deploying | 2 | 9600 | 5.4 | 4.55 | 5.45 | 8.25 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:55 | 303.1634606 Winding down 1638 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 3:55 | 303.1635417 Deploying | 2 | 9630 | 5.42 | 4.62 | 5.46 | 8.25 | 2065 | 1580 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:56 | 303.1638889 Deploying | 2 | 9660 | 5.48 | 4.62 | 5.48 | 8.25 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 3:56 | 303.1642361 Deploying | 2 | 9690 | 5.49 | 4.62 | 5.5 | 8.3 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 | 3:57 | 303.1645833 Deploying | 2 | 9720 | 5.48 | 4.62 | 5.52 | 8.25 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 | 3:57 | 303.1649306 Deploying | 2 | 9750 | 5.49 | 4.62 | 5.53 | 8.27 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 3:58 | 303.1652778 Deploying | 2 | 9780 | 5.48 | 4.62 | 5.55 | 8.24 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 | 3:58 | 303.1653241 Winding down 1794 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 3:58 | 303.1656250 Deploying | 2 | 9810 | 5.54 | 4.68 | 5.57 | 8.27 | 2008 | 1533 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 3:59 | 303.1659722 Deploying | 2 | 9840 | 5.56 | 4.68 | 5.58 | 8.27 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 3:59 | 303.1663194 Deploying | 2 | 9870 | 5.54 | 4.68 | 5.6 | 8.22 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 | 3:59 | 303.1663773 Winding down 1533 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 4:00 | 303.1666667 Deploying | 2 | 9900 | 5.6 | 4.74 | 5.62 | 8.27 | 2255 | 1584 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 | 4:00 | 303.1670139 Deploying | 2 | 9930 | 5.61 | 4.74 | 5.63 | 8.29 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 4:01 | 303.1673611 Deploying | 2 | 9960 | 5.62 | 4.74 | 5.65 | 8.25 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 4:01 | 303.1677083 Deploying | 2 | 9990 | 5.62 | 4.74 | 5.67 | 8.24 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 | 4:02 | 303.1680556 Deploying | 2 | 10020 | 5.63 | 4.74 | 5.69 | 8.25 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 4:02 | 303.1680556 Winding down 1337 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 4:02 | 303.1684028 Deploying | 2 | 10050 | 5.68 | 4.79 | 5.7 | 8.24 | 2069 | 1551 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 | 4:03 | 303.1687500 Deploying | 2 | 10080 | 5.7 | 4.79 | 5.72 | 8.24 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 4:03 | 303.1690972 Deploying | 2 | 10110 | 5.69 | 4.79 | 5.74 | 8.27 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 | 4:03 | 303.1693866 Winding down 1741 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 4:04 | 303.1694444 Deploying | 2 | 10140 | 5.7 | 4.86 | 5.75 | 8.24 | 2070 | 1548 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 4:04 | 303.1697917 Deploying | 2 | 10170 | 5.76 | 4.86 | 5.77 | 8.25 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 4:05 | 303.1701389 Deploying | 2 | 10200 | 5.74 | 4.86 | 5.79 | 8.27 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 4:05 | 303.1704861 Deploying | 2 | 10230 | 5.77 | 4.86 | 5.8 | 8.25 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 | 4:06 | 303.1708333 Deploying | 2 | 10260 | 5.75 | 4.86 | 5.82 | 8.24 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 | 4:06 | 303.1708912 Winding down 1633 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 4:06 | 303.1711806 Deploying | 2 | 10290 | 5.82 | 4.92 | 5.84 | 8.25 | 2215 | 1579 | 0 | 20 | 21 | 20 | 21 |

| Date/Time | Value | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 4:07 | 303.1715278 Deploying | 2 | 10320 | 5.84 | 4.92 | 5.86 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:07 | 303.1718750 Deploying | 2 | 10350 | 5.84 | 4.92 | 5.87 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:08 | 303.1722222 Deploying | 2 | 10380 | 5.83 | 4.92 | 5.89 | 8.25 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/29/2016 4:08 | 303.1723380 Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:08 | 303.1725694 Deploying | 2 | 10410 | 5.88 | 4.98 | 5.91 | 8.25 | 2083 | 1543 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:09 | 303.1729167 Deploying | 2 | 10440 | 5.9 | 4.98 | 5.92 | 8.24 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:09 | 303.1732639 Deploying | 2 | 10470 | 5.87 | 4.98 | 5.94 | 8.22 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:09 | 303.1734491 Winding down 1739 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:10 | 303.1736111 Deploying | 2 | 10500 | 5.93 | 5.05 | 5.96 | 8.24 | 2125 | 1553 | 1 | -128 | 21 | 5 | 21 |
| 10/29/2016 4:10 | 303.1739583 Deploying | 2 | 10530 | 5.96 | 5.05 | 5.97 | 8.27 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 4:11 | 303.1743056 Deploying | 2 | 10560 | 5.96 | 5.05 | 5.99 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:11 | 303.1746528 Deploying | 2 | 10590 | 5.97 | 5.05 | 6.01 | 8.25 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:12 | 303.1750000 Deploying | 2 | 10620 | 5.96 | 5.05 | 6.03 | 8.24 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:12 | 303.1750579 Winding down 1808 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:12 | 303.1753472 Deploying | 2 | 10650 | 6.02 | 5.12 | 6.04 | 8.22 | 2232 | 1586 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:13 | 303.1756944 Deploying | 2 | 10680 | 6.03 | 5.12 | 6.06 | 8.22 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:13 | 303.1760417 Deploying | 2 | 10710 | 6.04 | 5.12 | 6.08 | 8.25 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:14 | 303.1763889 Deploying | 2 | 10740 | 6.04 | 5.12 | 6.09 | 8.22 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:14 | 303.1766204 Winding down 1795 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:14 | 303.1767361 Deploying | 2 | 10770 | 6.06 | 5.18 | 6.11 | 8.24 | 2024 | 1562 | 0 | 21 | 22 | 21 | 22 |
| 10/29/2016 4:15 | 303.1770833 Deploying | 2 | 10800 | 6.12 | 5.18 | 6.13 | 8.22 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:15 | 303.1774306 Deploying | 2 | 10830 | 6.11 | 5.18 | 6.14 | 8.25 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:16 | 303.1777778 Deploying | 2 | 10860 | 6.11 | 5.18 | 6.16 | 8.22 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:16 | 303.1778356 Winding down 1508 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:16 | 303.1781250 Deploying | 2 | 10890 | 6.16 | 5.24 | 6.18 | 8.25 | 2222 | 1558 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:17 | 303.1784722 Deploying | 2 | 10920 | 6.19 | 5.24 | 6.2 | 8.25 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:17 | 303.1788194 Deploying | 2 | 10950 | 6.18 | 5.24 | 6.21 | 8.25 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:18 | 303.1791667 Deploying | 2 | 10980 | 6.18 | 5.24 | 6.23 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:18 | 303.1794560 Winding down 2091 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:18 | 303.1795139 Deploying | 2 | 11010 | 6.17 | 5.32 | 6.25 | 8.24 | 2073 | 1562 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 4:19 | 303.1798611 Deploying | 2 | 11040 | 6.27 | 5.32 | 6.26 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:19 | 303.1802083 Deploying | 2 | 11070 | 6.26 | 5.32 | 6.28 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:20 | 303.1805556 Deploying | 2 | 11100 | 6.26 | 5.32 | 6.3 | 8.21 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:20 | 303.1808565 Winding down 1330 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:20 | 303.1809028 Deploying | 2 | 11130 | 6.27 | 5.37 | 6.31 | 8.22 | 2162 | 1579 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 4:21 | 303.1812500 Deploying | 2 | 11160 | 6.33 | 5.37 | 6.33 | 8.25 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:21 | 303.1815972 Deploying | 2 | 11190 | 6.32 | 5.37 | 6.35 | 8.22 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 4:22 | 303.1819444 Deploying | 2 | 11220 | 6.32 | 5.37 | 6.37 | 8.22 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 4:22 | 303.1822917 Deploying | 2 | 11250 | 6.33 | 5.37 | 6.38 | 8.21 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:22 | 303.1823843 Winding down 1350 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:23 | 303.1826389 Deploying | 2 | 11280 | 6.35 | 5.42 | 6.4 | 8.21 | 2088 | 1567 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:23 | 303.1829861 Deploying | 2 | 11310 | 6.38 | 5.42 | 6.42 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:23 | 303.1833102 Winding down 1359 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:24 | 303.1833333 Deploying | 2 | 11340 | 6.38 | 5.47 | 6.43 | 8.19 | 2091 | 1569 | 0 | 19 | 19 | 20 | 19 |
| 10/29/2016 4:24 | 303.1836806 Deploying | 2 | 11370 | 6.44 | 5.47 | 6.45 | 8.22 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 4:25 | 303.1840278 Deploying | 2 | 11400 | 6.42 | 5.47 | 6.47 | 8.21 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:25 | 303.1843750 Deploying | 2 | 11430 | 6.43 | 5.47 | 6.48 | 8.22 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 4:25 | 303.1845949 Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:26 | 303.1847222 Deploying | 2 | 11460 | 6.46 | 5.53 | 6.5 | 8.24 | 2188 | 1572 | 0 | 18 | 19 | 18 | 19 |
| 10/29/2016 4:26 | 303.1850694 Deploying | 2 | 11490 | 6.5 | 5.53 | 6.52 | 8.21 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 4:27 | 303.1854167 Deploying | 2 | 11520 | 6.5 | 5.53 | 6.54 | 8.22 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 4:27 | 303.1857639 Deploying | 2 | 11550 | 6.5 | 5.53 | 6.55 | 8.24 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 4:27 | 303.1860069 Winding down 1760 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 4:28 | 303.1861111 Deploying | | 2 | 11580 | 6.51 | 5.6 | 6.57 | 8.24 | 2155 | 1566 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 4:28 | 303.1864583 Deploying | | 2 | 11610 | 6.57 | 5.6 | 6.59 | 8.21 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 4:29 | 303.1868056 Deploying | | 2 | 11640 | 6.56 | 5.6 | 6.6 | 8.22 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 4:29 | 303.1871528 Deploying | | 2 | 11670 | 6.56 | 5.6 | 6.62 | 8.21 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 4:29 | 303.1871991 Winding down 1594 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:30 | 303.1875000 Deploying | | 2 | 11700 | 6.62 | 5.66 | 6.64 | 8.22 | 2246 | 1589 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:30 | 303.1878472 Deploying | | 2 | 11730 | 6.63 | 5.66 | 6.65 | 8.21 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 4:31 | 303.1881944 Deploying | | 2 | 11760 | 6.63 | 5.66 | 6.67 | 8.22 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:31 | 303.1885185 Winding down 1259 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:31 | 303.1885417 Deploying | | 2 | 11790 | 6.64 | 5.71 | 6.69 | 8.22 | 2103 | 1567 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:32 | 303.1888889 Deploying | | 2 | 11820 | 6.69 | 5.71 | 6.71 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:32 | 303.1892361 Deploying | | 2 | 11850 | 6.69 | 5.71 | 6.72 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:33 | 303.1895833 Deploying | | 2 | 11880 | 6.7 | 5.71 | 6.74 | 8.22 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 4:33 | 303.1899306 Deploying | | 2 | 11910 | 6.68 | 5.71 | 6.76 | 8.24 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:33 | 303.1900694 Winding down 2132 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:34 | 303.1902778 Deploying | | 2 | 11940 | 6.75 | 5.79 | 6.77 | 8.21 | 2086 | 1575 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:34 | 303.1906250 Deploying | | 2 | 11970 | 6.76 | 5.79 | 6.79 | 8.22 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:35 | 303.1909722 Deploying | | 2 | 12000 | 6.78 | 5.79 | 6.81 | 8.22 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:35 | 303.1913194 Deploying | | 2 | 12030 | 6.76 | 5.79 | 6.82 | 8.24 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:35 | 303.1913426 Winding down 1815 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:36 | 303.1916667 Deploying | | 2 | 12060 | 6.84 | 5.86 | 6.84 | 8.21 | 2096 | 1553 | 0 | 20 | 22 | 20 | 22 |
| 10/29/2016 4:36 | 303.1920139 Deploying | | 2 | 12090 | 6.87 | 5.86 | 6.86 | 8.22 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:37 | 303.1923611 Deploying | | 2 | 12120 | 6.84 | 5.86 | 6.88 | 8.22 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:37 | 303.1927083 Deploying | | 2 | 12150 | 6.84 | 5.86 | 6.89 | 8.22 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:37 | 303.1930093 Winding down 1330 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:38 | 303.1930556 Deploying | | 2 | 12180 | 6.87 | 5.91 | 6.91 | 8.24 | 2227 | 1552 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:38 | 303.1934028 Deploying | | 2 | 12210 | 6.91 | 5.91 | 6.93 | 8.21 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 4:39 | 303.1937500 Deploying | | 2 | 12240 | 6.89 | 5.91 | 6.94 | 8.22 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:39 | 303.1940278 Winding down 1627 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:39 | 303.1940972 Deploying | | 2 | 12270 | 6.91 | 5.97 | 6.96 | 8.22 | 2059 | 1582 | 0 | 20 | 22 | 20 | 22 |
| 10/29/2016 4:40 | 303.1944444 Deploying | | 2 | 12300 | 6.97 | 5.97 | 6.98 | 8.21 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 4:40 | 303.1947917 Deploying | | 2 | 12330 | 6.98 | 5.97 | 6.99 | 8.19 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 4:41 | 303.1951389 Deploying | | 2 | 12360 | 6.98 | 5.97 | 7.01 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:41 | 303.1954861 Deploying | | 2 | 12390 | 6.99 | 5.97 | 7.03 | 8.21 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/29/2016 4:41 | 303.1958102 Winding down 2009 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:42 | 303.1958333 Deploying | | 2 | 12420 | 6.97 | 6.05 | 7.05 | 8.16 | 2084 | 1564 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 4:42 | 303.1961806 Deploying | | 2 | 12450 | 7.07 | 6.05 | 7.06 | 8.21 | 2084 | 36 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:43 | 303.1965278 Deploying | | 2 | 12480 | 7.07 | 6.05 | 7.08 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:43 | 303.1968750 Deploying | | 2 | 12510 | 7.05 | 6.05 | 7.1 | 8.22 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 4:43 | 303.1971644 Winding down 1541 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:44 | 303.1972222 Deploying | | 2 | 12540 | 7.06 | 6.11 | 7.11 | 8.21 | 2256 | 1602 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:44 | 303.1975694 Deploying | | 2 | 12570 | 7.14 | 6.11 | 7.13 | 8.22 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:45 | 303.1979167 Deploying | | 2 | 12600 | 7.14 | 6.11 | 7.15 | 8.21 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:45 | 303.1982639 Deploying | | 2 | 12630 | 7.13 | 6.11 | 7.16 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:46 | 303.1986111 Deploying | | 2 | 12660 | 7.12 | 6.11 | 7.18 | 8.19 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:46 | 303.1987616 Winding down 1896 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:46 | 303.1989583 Deploying | | 2 | 12690 | 7.16 | 6.18 | 7.2 | 8.21 | 2013 | 1536 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:47 | 303.1993056 Deploying | | 2 | 12720 | 7.21 | 6.18 | 7.22 | 8.21 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:47 | 303.1996528 Deploying | | 2 | 12750 | 7.2 | 6.18 | 7.23 | 8.21 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 4:48 | 303.2000000 Deploying | | 2 | 12780 | 7.2 | 6.18 | 7.25 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:48 | 303.2002431 Winding down 1685 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 4:48 | 303.2003472 Deploying | | 2 | 12810 | 7.22 | 6.25 | 7.27 | 8.21 | 2051 | 1564 | 0 | 22 | 21 | 21 | 21 |
| 10/29/2016 4:49 | 303.2006944 Deploying | | 2 | 12840 | 7.26 | 6.25 | 7.28 | 8.22 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |

| Date/Time | ID Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 4:49 | 303.2010417 Deploying | 2 | 12870 | 7.25 | 6.25 | 7.3 | 8.22 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 4:49 | 303.2012153 Winding down 1300 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:50 | 303.2013889 Deploying | 2 | 12900 | 7.3 | 6.3 | 7.32 | 8.21 | 2059 | 1578 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 4:50 | 303.2017361 Deploying | 2 | 12930 | 7.31 | 6.3 | 7.33 | 8.17 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:51 | 303.2020833 Deploying | 2 | 12960 | 7.31 | 6.3 | 7.35 | 8.19 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:51 | 303.2024306 Deploying | 2 | 12990 | 7.32 | 6.3 | 7.37 | 8.22 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 4:51 | 303.2025926 Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:52 | 303.2027778 Deploying | 2 | 13020 | 7.35 | 6.35 | 7.39 | 8.19 | 2103 | 1574 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:52 | 303.2031250 Deploying | 2 | 13050 | 7.39 | 6.35 | 7.4 | 8.19 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:53 | 303.2034722 Deploying | 2 | 13080 | 7.39 | 6.35 | 7.42 | 8.21 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:53 | 303.2038194 Deploying | 2 | 13110 | 7.4 | 6.35 | 7.44 | 8.19 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/29/2016 4:54 | 303.2041667 Deploying | 2 | 13140 | 7.4 | 6.35 | 7.45 | 8.17 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:54 | 303.2044213 Winding down 1849 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:54 | 303.2045139 Deploying | 2 | 13170 | 7.42 | 6.42 | 7.47 | 8.22 | 2052 | 1553 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 4:55 | 303.2048611 Deploying | 2 | 13200 | 7.47 | 6.42 | 7.49 | 8.21 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:55 | 303.2052083 Deploying | 2 | 13230 | 7.47 | 6.42 | 7.5 | 8.19 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:56 | 303.2055556 Deploying | 2 | 13260 | 7.44 | 6.42 | 7.52 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:56 | 303.2055556 Winding down 1962 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:56 | 303.2059028 Deploying | 2 | 13290 | 7.55 | 6.5 | 7.54 | 8.22 | 2140 | 1577 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 4:57 | 303.2062500 Deploying | 2 | 13320 | 7.54 | 6.5 | 7.56 | 8.17 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 4:57 | 303.2065972 Deploying | 2 | 13350 | 7.54 | 6.5 | 7.57 | 8.19 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 4:58 | 303.2069444 Deploying | 2 | 13380 | 7.54 | 6.5 | 7.59 | 8.17 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 4:58 | 303.2071528 Winding down 1417 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:58 | 303.2072917 Deploying | 2 | 13410 | 7.57 | 6.55 | 7.61 | 8.19 | 2102 | 1572 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 4:59 | 303.2076389 Deploying | 2 | 13440 | 7.59 | 6.55 | 7.62 | 8.19 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 4:59 | 303.2079861 Deploying | 2 | 13470 | 7.58 | 6.55 | 7.64 | 8.21 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/29/2016 4:59 | 303.2082639 Winding down 1302 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:00 | 303.2083333 Deploying | 2 | 13500 | 7.61 | 6.6 | 7.66 | 8.19 | 2161 | 1576 | 0 | 20 | 22 | 20 | 22 |
| 10/29/2016 5:00 | 303.2086806 Deploying | 2 | 13530 | 7.66 | 6.6 | 7.67 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:01 | 303.2090278 Deploying | 2 | 13560 | 7.66 | 6.6 | 7.69 | 8.16 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:01 | 303.2093519 Winding down 1609 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:01 | 303.2093750 Deploying | 2 | 13590 | 7.65 | 6.66 | 7.71 | 8.16 | 2010 | 1539 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:02 | 303.2097222 Deploying | 2 | 13620 | 7.73 | 6.66 | 7.73 | 8.19 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:02 | 303.2100694 Deploying | 2 | 13650 | 7.72 | 6.66 | 7.74 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:03 | 303.2104167 Deploying | 2 | 13680 | 7.72 | 6.66 | 7.76 | 8.19 | 0 | 0 | 0 | 21 | 20 | 21 | 20 |
| 10/29/2016 5:03 | 303.2107639 Deploying | 2 | 13710 | 7.72 | 6.66 | 7.78 | 8.17 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:03 | 303.2108333 Winding down 1347 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:04 | 303.2111111 Deploying | 2 | 13740 | 7.77 | 6.72 | 7.79 | 8.19 | 2203 | 1581 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:04 | 303.2114583 Deploying | 2 | 13770 | 7.78 | 6.72 | 7.81 | 8.21 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:05 | 303.2118056 Deploying | 2 | 13800 | 7.77 | 6.72 | 7.83 | 8.19 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:05 | 303.2118750 Winding down 1397 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:05 | 303.2121528 Deploying | 2 | 13830 | 7.84 | 6.77 | 7.84 | 8.17 | 2256 | 1592 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 5:06 | 303.2125000 Deploying | 2 | 13860 | 7.83 | 6.77 | 7.86 | 8.17 | 0 | 0 | 0 | 18 | 20 | 18 | 20 |
| 10/29/2016 5:06 | 303.2128472 Deploying | 2 | 13890 | 7.84 | 6.77 | 7.88 | 8.19 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/29/2016 5:07 | 303.2131944 Deploying | 2 | 13920 | 7.83 | 6.77 | 7.9 | 8.16 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:07 | 303.2133796 Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:07 | 303.2135417 Deploying | 2 | 13950 | 7.87 | 6.83 | 7.91 | 8.21 | 2209 | 1582 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 5:08 | 303.2138889 Deploying | 2 | 13980 | 7.92 | 6.83 | 7.93 | 8.21 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:08 | 303.2142361 Deploying | 2 | 14010 | 7.92 | 6.83 | 7.95 | 8.17 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 5:09 | 303.2145833 Deploying | 2 | 14040 | 7.93 | 6.83 | 7.96 | 8.19 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/29/2016 5:09 | 303.2149306 Deploying | 2 | 14070 | 7.92 | 6.83 | 7.98 | 8.17 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/29/2016 5:09 | 303.2149884 Winding down 1783 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:10 | 303.2152778 Deploying | 2 | 14100 | 7.98 | 6.9 | 8 | 8.19 | 1998 | 1531 | 0 | 19 | 20 | 19 | 20 |

| Date/Time | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:10 | 303.2156250 Deploying | 2 | 14130 | 7.99 | 6.9 | 8.01 | 8.17 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:11 | 303.2159722 Deploying | 2 | 14160 | 7.98 | 6.9 | 8.03 | 8.16 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/29/2016 5:11 | 303.2161921 Winding down 1306 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:11 | 303.2163194 Deploying | 2 | 14190 | 8.02 | 6.95 | 8.05 | 8.19 | 2008 | 1541 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 5:12 | 303.2166667 Deploying | 2 | 14220 | 8.04 | 6.95 | 8.07 | 8.17 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 5:12 | 303.2170139 Deploying | 2 | 14250 | 8.05 | 6.95 | 8.08 | 8.17 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 5:13 | 303.2173611 Deploying | 2 | 14280 | 8.03 | 6.95 | 8.1 | 8.17 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:13 | 303.2175810 Winding down 1756 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:13 | 303.2177083 Deploying | 2 | 14310 | 8.08 | 7.02 | 8.12 | 8.21 | 2091 | 1547 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 5:14 | 303.2180556 Deploying | 2 | 14340 | 8.12 | 7.02 | 8.13 | 8.19 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:14 | 303.2184028 Deploying | 2 | 14370 | 8.11 | 7.02 | 8.15 | 8.19 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/29/2016 5:15 | 303.2187500 Deploying | 2 | 14400 | 8.12 | 7.02 | 8.17 | 8.21 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 5:15 | 303.2187616 Winding down 1276 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:15 | 303.2190972 Deploying | 2 | 14430 | 8.17 | 7.07 | 8.18 | 8.19 | 2013 | 1544 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:16 | 303.2194444 Deploying | 2 | 14460 | 8.15 | 7.07 | 8.2 | 8.16 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:16 | 303.2197917 Deploying | 2 | 14490 | 8.16 | 7.07 | 8.22 | 8.19 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:16 | 303.2199074 Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:17 | 303.2201389 Deploying | 2 | 14520 | 8.21 | 7.12 | 8.24 | 8.19 | 2077 | 1566 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:17 | 303.2204861 Deploying | 2 | 14550 | 8.22 | 7.12 | 8.25 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:18 | 303.2208333 Deploying | 2 | 14580 | 8.22 | 7.12 | 8.27 | 8.17 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:18 | 303.2210880 Winding down 1774 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:18 | 303.2211806 Deploying | 2 | 14610 | 8.24 | 7.19 | 8.29 | 8.17 | 2018 | 1564 | 0 | 20 | 20 | 21 | 20 |
| 10/29/2016 5:19 | 303.2215278 Deploying | 2 | 14640 | 8.3 | 7.19 | 8.3 | 8.17 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/29/2016 5:19 | 303.2218750 Deploying | 2 | 14670 | 8.3 | 7.19 | 8.32 | 8.19 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:20 | 303.2222222 Deploying | 2 | 14700 | 8.31 | 7.19 | 8.34 | 8.19 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:20 | 303.2225694 Deploying | 2 | 14730 | 8.3 | 7.19 | 8.35 | 8.16 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:20 | 303.2227778 Winding down 1692 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:21 | 303.2229167 Deploying | 2 | 14760 | 8.34 | 7.26 | 8.37 | 8.17 | 2234 | 1600 | 0 | 21 | 21 | 20 | 21 |
| 10/29/2016 5:21 | 303.2232639 Deploying | 2 | 14790 | 8.38 | 7.26 | 8.39 | 8.17 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 5:22 | 303.2236111 Deploying | 2 | 14820 | 8.38 | 7.26 | 8.41 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:22 | 303.2239583 Deploying | 2 | 14850 | 8.39 | 7.26 | 8.42 | 8.17 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:23 | 303.2243056 Deploying | 2 | 14880 | 8.38 | 7.26 | 8.44 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:23 | 303.2244329 Winding down 1868 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:23 | 303.2246528 Deploying | 2 | 14910 | 8.43 | 7.33 | 8.46 | 8.19 | 2154 | 1565 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:24 | 303.2250000 Deploying | 2 | 14940 | 8.46 | 7.33 | 8.47 | 8.17 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:24 | 303.2253472 Deploying | 2 | 14970 | 8.45 | 7.33 | 8.49 | 8.19 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:25 | 303.2256944 Deploying | 2 | 15000 | 8.47 | 7.33 | 8.51 | 8.16 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:25 | 303.2260417 Deploying | 2 | 15030 | 8.47 | 7.33 | 8.52 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:25 | 303.2261458 Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:26 | 303.2263889 Deploying | 2 | 15060 | 8.51 | 7.39 | 8.54 | 8.16 | 2048 | 1563 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 5:26 | 303.2267361 Deploying | 2 | 15090 | 8.52 | 7.39 | 8.56 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:27 | 303.2270833 Deploying | 2 | 15120 | 8.52 | 7.39 | 8.58 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:27 | 303.2270833 Winding down 1462 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:27 | 303.2274306 Deploying | 2 | 15150 | 8.59 | 7.44 | 8.59 | 8.19 | 2069 | 1573 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 5:28 | 303.2277778 Deploying | 2 | 15180 | 8.59 | 7.44 | 8.61 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:28 | 303.2281250 Deploying | 2 | 15210 | 8.57 | 7.44 | 8.63 | 8.17 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:28 | 303.2284144 Winding down 1366 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:29 | 303.2284722 Deploying | 2 | 15240 | 8.6 | 7.49 | 8.64 | 8.21 | 2054 | 1570 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 5:29 | 303.2288194 Deploying | 2 | 15270 | 8.64 | 7.49 | 8.66 | 8.14 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:30 | 303.2291667 Deploying | 2 | 15300 | 8.63 | 7.49 | 8.68 | 8.17 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 5:30 | 303.2295139 Deploying | 2 | 15330 | 8.64 | 7.49 | 8.69 | 8.16 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:30 | 303.2295139 Winding down 1362 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:31 | 303.2298611 Deploying | 2 | 15360 | 8.68 | 7.55 | 8.71 | 8.17 | 2063 | 1564 | 0 | 19 | 20 | 19 | 20 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:31 | 303.2302083 | Deploying | 2 | 15390 | 8.68 | 7.55 | 8.73 | 8.17 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/29/2016 5:32 | 303.2305556 | Deploying | 2 | 15420 | 8.7 | 7.55 | 8.75 | 8.17 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:32 | 303.2309028 | Deploying | 2 | 15450 | 8.7 | 7.55 | 8.76 | 8.17 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:32 | 303.2309838 | Winding down 1636 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:33 | 303.2312500 | Deploying | 2 | 15480 | 8.74 | 7.61 | 8.78 | 8.19 | 2219 | 1582 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:33 | 303.2315972 | Deploying | 2 | 15510 | 8.76 | 7.61 | 8.8 | 8.21 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:34 | 303.2319444 | Deploying | 2 | 15540 | 8.76 | 7.61 | 8.81 | 8.19 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 5:34 | 303.2319792 | Winding down 1279 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:34 | 303.2322917 | Deploying | 2 | 15570 | 8.8 | 7.66 | 8.83 | 8.17 | 2020 | 1538 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:35 | 303.2326389 | Deploying | 2 | 15600 | 8.83 | 7.66 | 8.85 | 8.16 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 5:35 | 303.2329861 | Deploying | 2 | 15630 | 8.8 | 7.66 | 8.86 | 8.17 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 5:35 | 303.2332292 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:36 | 303.2333333 | Deploying | 2 | 15660 | 8.84 | 7.72 | 8.88 | 8.14 | 2012 | 1555 | 0 | 19 | 18 | 18 | 18 |
| 10/29/2016 5:36 | 303.2336806 | Deploying | 2 | 15690 | 8.87 | 7.72 | 8.9 | 8.17 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:37 | 303.2340278 | Deploying | 2 | 15720 | 8.86 | 7.72 | 8.92 | 8.17 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 5:37 | 303.2343750 | Deploying | 2 | 15750 | 8.89 | 7.72 | 8.93 | 8.17 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:37 | 303.2345486 | Winding down 1425 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:38 | 303.2347222 | Deploying | 2 | 15780 | 8.92 | 7.77 | 8.95 | 8.16 | 2131 | 1551 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 5:38 | 303.2350694 | Deploying | 2 | 15810 | 8.95 | 7.77 | 8.97 | 8.17 | 0 | 0 | 0 | 22 | 21 | 20 | 21 |
| 10/29/2016 5:39 | 303.2354167 | Deploying | 2 | 15840 | 8.96 | 7.77 | 8.98 | 8.19 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:39 | 303.2357639 | Deploying | 2 | 15870 | 8.96 | 7.77 | 9 | 8.17 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 5:40 | 303.2361111 | Deploying | 2 | 15900 | 8.94 | 7.77 | 9.02 | 8.16 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 5:40 | 303.2361343 | Winding down 1965 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:40 | 303.2364583 | Deploying | 2 | 15930 | 9 | 7.85 | 9.03 | 8.16 | 2036 | 1557 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:41 | 303.2368056 | Deploying | 2 | 15960 | 9.02 | 7.85 | 9.05 | 8.16 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:41 | 303.2370833 | Winding down 1402 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:41 | 303.2371528 | Deploying | 2 | 15990 | 9.03 | 7.9 | 9.07 | 8.16 | 2112 | 1576 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:42 | 303.2375000 | Deploying | 2 | 16020 | 9.09 | 7.9 | 9.09 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:42 | 303.2378472 | Deploying | 2 | 16050 | 9.07 | 7.9 | 9.1 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:43 | 303.2381944 | Deploying | 2 | 16080 | 9.08 | 7.9 | 9.12 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:43 | 303.2385417 | Deploying | 2 | 16110 | 9.07 | 7.9 | 9.14 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:43 | 303.2385995 | Winding down 1308 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:44 | 303.2388889 | Deploying | 2 | 16140 | 9.14 | 7.95 | 9.15 | 8.14 | 2246 | 1579 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:44 | 303.2392361 | Deploying | 2 | 16170 | 9.14 | 7.95 | 9.17 | 8.17 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:45 | 303.2395833 | Deploying | 2 | 16200 | 9.14 | 7.95 | 9.19 | 8.16 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 5:45 | 303.2399190 | Winding down 1598 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:45 | 303.2399306 | Deploying | 2 | 16230 | 9.14 | 8.01 | 9.2 | 8.16 | 2097 | 1551 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:46 | 303.2402778 | Deploying | 2 | 16260 | 9.18 | 8.01 | 9.22 | 8.17 | 2097 | 61 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:46 | 303.2406250 | Deploying | 2 | 16290 | 9.19 | 8.01 | 9.24 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:46 | 303.2408102 | Winding down 1439 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:47 | 303.2409722 | Deploying | 2 | 16320 | 9.22 | 8.07 | 9.26 | 8.16 | 2032 | 1542 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:47 | 303.2413194 | Deploying | 2 | 16350 | 9.24 | 8.07 | 9.27 | 8.14 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/29/2016 5:48 | 303.2416667 | Deploying | 2 | 16380 | 9.25 | 8.07 | 9.29 | 8.16 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:48 | 303.2420139 | Deploying | 2 | 16410 | 9.25 | 8.07 | 9.31 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:48 | 303.2420255 | Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:49 | 303.2423611 | Deploying | 2 | 16440 | 9.3 | 8.13 | 9.32 | 8.14 | 2078 | 1563 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:49 | 303.2427083 | Deploying | 2 | 16470 | 9.33 | 8.13 | 9.34 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:50 | 303.2430556 | Deploying | 2 | 16500 | 9.31 | 8.13 | 9.36 | 8.16 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:50 | 303.2433102 | Winding down 1374 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:50 | 303.2434028 | Deploying | 2 | 16530 | 9.34 | 8.18 | 9.37 | 8.16 | 2109 | 1572 | 0 | 20 | 20 | 21 | 20 |
| 10/29/2016 5:51 | 303.2437500 | Deploying | 2 | 16560 | 9.39 | 8.18 | 9.39 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:51 | 303.2440972 | Deploying | 2 | 16590 | 9.37 | 8.18 | 9.41 | 8.14 | 0 | 0 | 0 | 20 | 22 | 20 | 22 |
| 10/29/2016 5:52 | 303.2444444 | Deploying | 2 | 16620 | 9.38 | 8.18 | 9.43 | 8.14 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:52 | 303.2447917 | Deploying | 2 | 16650 | 9.39 | 8.18 | 9.44 | 8.13 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 5:52 | 303.2449074 | Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:53 | 303.2451389 | Deploying | 2 | 16680 | 9.43 | 8.24 | 9.46 | 8.16 | 2030 | 1565 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:53 | 303.2454861 | Deploying | 2 | 16710 | 9.47 | 8.24 | 9.48 | 8.13 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:54 | 303.2458333 | Deploying | 2 | 16740 | 9.47 | 8.24 | 9.49 | 8.14 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:54 | 303.2461806 | Deploying | 2 | 16770 | 9.46 | 8.24 | 9.51 | 8.14 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/29/2016 5:54 | 303.2463889 | Winding down 1942 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:55 | 303.2465278 | Deploying | 2 | 16800 | 9.48 | 8.31 | 9.53 | 8.14 | 2212 | 1542 | 0 | 19 | 22 | 20 | 22 |
| 10/29/2016 5:55 | 303.2468750 | Deploying | 2 | 16830 | 9.53 | 8.31 | 9.54 | 8.17 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:56 | 303.2472222 | Deploying | 2 | 16860 | 9.52 | 8.31 | 9.56 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:56 | 303.2475694 | Deploying | 2 | 16890 | 9.52 | 8.31 | 9.58 | 8.13 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:56 | 303.2478009 | Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:57 | 303.2479167 | Deploying | 2 | 16920 | 9.55 | 8.37 | 9.6 | 8.13 | 2074 | 1574 | 0 | 20 | 22 | 21 | 22 |
| 10/29/2016 5:57 | 303.2482639 | Deploying | 2 | 16950 | 9.6 | 8.37 | 9.61 | 8.14 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 5:58 | 303.2486111 | Deploying | 2 | 16980 | 9.59 | 8.37 | 9.63 | 8.16 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:58 | 303.2489468 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:58 | 303.2489583 | Deploying | 2 | 17010 | 9.59 | 8.43 | 9.65 | 8.17 | 2053 | 1539 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:59 | 303.2493056 | Deploying | 2 | 17040 | 9.65 | 8.43 | 9.66 | 8.17 | 2053 | 38 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 5:59 | 303.2496528 | Deploying | 2 | 17070 | 9.66 | 8.43 | 9.68 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:00 | 303.2500000 | Deploying | 2 | 17100 | 9.66 | 8.43 | 9.7 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:00 | 303.2503472 | Deploying | 2 | 17130 | 9.66 | 8.43 | 9.71 | 8.14 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 6:00 | 303.2505093 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:01 | 303.2506944 | Deploying | 2 | 17160 | 9.68 | 8.49 | 9.73 | 8.14 | 2231 | 1579 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:01 | 303.2510417 | Deploying | 2 | 17190 | 9.72 | 8.49 | 9.75 | 8.14 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:02 | 303.2513889 | Deploying | 2 | 17220 | 9.71 | 8.49 | 9.77 | 8.14 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:02 | 303.2514815 | Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:02 | 303.2517361 | Deploying | 2 | 17250 | 9.77 | 8.55 | 9.78 | 8.16 | 2199 | 1572 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:03 | 303.2520833 | Deploying | 2 | 17280 | 9.82 | 8.55 | 9.8 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:03 | 303.2524306 | Deploying | 2 | 17310 | 9.8 | 8.55 | 9.82 | 8.16 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:04 | 303.2527778 | Deploying | 2 | 17340 | 9.8 | 8.55 | 9.83 | 8.14 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:04 | 303.2531250 | Deploying | 2 | 17370 | 9.81 | 8.55 | 9.85 | 8.14 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:05 | 303.2534722 | Deploying | 2 | 17400 | 9.81 | 8.55 | 9.87 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:05 | 303.2536806 | Winding down 1867 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:05 | 303.2538194 | Deploying | 2 | 17430 | 9.85 | 8.63 | 9.88 | 8.16 | 2255 | 1575 | 0 | 17 | 19 | 18 | 19 |
| 10/29/2016 6:06 | 303.2541667 | Deploying | 2 | 17460 | 9.88 | 8.63 | 9.9 | 8.13 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:06 | 303.2545139 | Deploying | 2 | 17490 | 9.89 | 8.63 | 9.92 | 8.16 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 6:07 | 303.2548611 | Deploying | 2 | 17520 | 9.88 | 8.63 | 9.94 | 8.13 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 6:07 | 303.2550810 | Winding down 1906 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:07 | 303.2552083 | Deploying | 2 | 17550 | 9.91 | 8.7 | 9.95 | 8.14 | 2235 | 1564 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 6:08 | 303.2555556 | Deploying | 2 | 17580 | 9.95 | 8.7 | 9.97 | 8.13 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:08 | 303.2559028 | Deploying | 2 | 17610 | 9.96 | 8.7 | 9.99 | 8.13 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:09 | 303.2562500 | Deploying | 2 | 17640 | 9.97 | 8.7 | 10 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:09 | 303.2565972 | Deploying | 2 | 17670 | 9.97 | 8.7 | 10.02 | 8.13 | 0 | 0 | 0 | 22 | 21 | 20 | 21 |
| 10/29/2016 6:09 | 303.2568866 | Winding down 2016 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:10 | 303.2569444 | Deploying | 2 | 17700 | 9.95 | 8.78 | 10.04 | 8.13 | 2104 | 1538 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:10 | 303.2572917 | Deploying | 2 | 17730 | 10.03 | 8.78 | 10.05 | 8.13 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:11 | 303.2576389 | Deploying | 2 | 17760 | 10.06 | 8.78 | 10.07 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:11 | 303.2579745 | Winding down 1548 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:11 | 303.2579861 | Deploying | 2 | 17790 | 10.03 | 8.84 | 10.09 | 8.14 | 2037 | 1548 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:12 | 303.2583333 | Deploying | 2 | 17820 | 10.07 | 8.84 | 10.11 | 8.16 | 2037 | 42 | 0 | 20 | 21 | 20 | 21 |
| 10/29/2016 6:12 | 303.2586806 | Deploying | 2 | 17850 | 10.09 | 8.84 | 10.12 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:13 | 303.2590278 | Deploying | 2 | 17880 | 10.12 | 8.84 | 10.14 | 8.11 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:13 | 303.2593750 | Deploying | 2 | 17910 | 10.1 | 8.84 | 10.16 | 8.14 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:13 | 303.2594444 | Winding down 1347 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:14 | 303.2597222 | Deploying | 2 | 17940 | 10.14 | 8.89 | 10.17 | 8.14 | 2024 | 1533 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 6:14 | 303.2600694 | Deploying | 2 | 17970 | 10.18 | 8.89 | 10.19 | 8.16 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/29/2016 6:15 | 303.2604167 | Deploying | 2 | 18000 | 10.16 | 8.89 | 10.21 | 8.11 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 6:15 | 303.2607060 | Winding down 1716 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:15 | 303.2607639 | Deploying | 2 | 18030 | 10.16 | 8.95 | 10.22 | 8.11 | 2009 | 1537 | 0 | 17 | 19 | 18 | 19 |
| 10/29/2016 6:16 | 303.2611111 | Deploying | 2 | 18060 | 10.24 | 8.95 | 10.24 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:16 | 303.2614583 | Deploying | 2 | 18090 | 10.25 | 8.95 | 10.26 | 8.13 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 6:17 | 303.2618056 | Deploying | 2 | 18120 | 10.23 | 8.95 | 10.28 | 8.13 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 6:17 | 303.2620602 | Winding down 1824 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:17 | 303.2621528 | Deploying | 2 | 18150 | 10.23 | 9.02 | 10.29 | 8.16 | 2049 | 1540 | 0 | 19 | 18 | 18 | 18 |
| 10/29/2016 6:18 | 303.2625000 | Deploying | 2 | 18180 | 10.32 | 9.02 | 10.31 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:18 | 303.2628472 | Deploying | 2 | 18210 | 10.32 | 9.02 | 10.33 | 8.13 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/29/2016 6:19 | 303.2631944 | Deploying | 2 | 18240 | 10.33 | 9.02 | 10.34 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:19 | 303.2635417 | Deploying | 2 | 18270 | 10.32 | 9.02 | 10.36 | 8.14 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:20 | 303.2638889 | Deploying | 2 | 18300 | 10.32 | 9.02 | 10.38 | 8.13 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:20 | 303.2640509 | Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:20 | 303.2642361 | Deploying | 2 | 18330 | 10.36 | 9.08 | 10.39 | 8.13 | 2096 | 1569 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:21 | 303.2645833 | Deploying | 2 | 18360 | 10.38 | 9.08 | 10.41 | 8.14 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:21 | 303.2649306 | Deploying | 2 | 18390 | 10.39 | 9.08 | 10.43 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:22 | 303.2652778 | Deploying | 2 | 18420 | 10.39 | 9.08 | 10.45 | 8.14 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:22 | 303.2654745 | Winding down 1828 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:22 | 303.2656250 | Deploying | 2 | 18450 | 10.42 | 9.15 | 10.46 | 8.14 | 2262 | 1569 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:23 | 303.2659722 | Deploying | 2 | 18480 | 10.47 | 9.15 | 10.48 | 8.13 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:23 | 303.2663194 | Deploying | 2 | 18510 | 10.46 | 9.15 | 10.5 | 8.13 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:24 | 303.2666667 | Deploying | 2 | 18540 | 10.46 | 9.15 | 10.51 | 8.14 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:24 | 303.2669097 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:24 | 303.2670139 | Deploying | 2 | 18570 | 10.48 | 9.21 | 10.53 | 8.1 | 2260 | 1564 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:25 | 303.2673611 | Deploying | 2 | 18600 | 10.54 | 9.21 | 10.55 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:25 | 303.2677083 | Deploying | 2 | 18630 | 10.54 | 9.21 | 10.56 | 8.13 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:26 | 303.2680556 | Deploying | 2 | 18660 | 10.52 | 9.21 | 10.58 | 8.13 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:26 | 303.2681597 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:26 | 303.2684028 | Deploying | 2 | 18690 | 10.58 | 9.27 | 10.6 | 8.13 | 2013 | 1528 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:27 | 303.2687500 | Deploying | 2 | 18720 | 10.59 | 9.27 | 10.62 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:27 | 303.2690972 | Deploying | 2 | 18750 | 10.59 | 9.27 | 10.63 | 8.14 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:28 | 303.2694444 | Deploying | 2 | 18780 | 10.58 | 9.27 | 10.65 | 8.1 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:28 | 303.2695486 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:28 | 303.2697917 | Deploying | 2 | 18810 | 10.65 | 9.34 | 10.67 | 8.13 | 2002 | 1537 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:29 | 303.2701389 | Deploying | 2 | 18840 | 10.68 | 9.34 | 10.68 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:29 | 303.2704861 | Deploying | 2 | 18870 | 10.67 | 9.34 | 10.7 | 8.14 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:30 | 303.2708333 | Deploying | 2 | 18900 | 10.67 | 9.34 | 10.72 | 8.11 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:30 | 303.2710764 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:30 | 303.2711806 | Deploying | 2 | 18930 | 10.68 | 9.4 | 10.73 | 8.14 | 2023 | 1531 | 0 | 19 | 18 | 18 | 18 |
| 10/29/2016 6:31 | 303.2715278 | Deploying | 2 | 18960 | 10.75 | 9.4 | 10.75 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:31 | 303.2718750 | Deploying | 2 | 18990 | 10.75 | 9.4 | 10.77 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:32 | 303.2722222 | Deploying | 2 | 19020 | 10.75 | 9.4 | 10.79 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:32 | 303.2725463 | Winding down 1559 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:32 | 303.2725694 | Deploying | 2 | 19050 | 10.74 | 9.46 | 10.8 | 8.06 | 2040 | 1556 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:33 | 303.2729167 | Deploying | 2 | 19080 | 10.8 | 9.46 | 10.82 | 8.08 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:33 | 303.2732639 | Deploying | 2 | 19110 | 10.8 | 9.46 | 10.84 | 8.11 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:34 | 303.2736111 | Deploying | 2 | 19140 | 10.8 | 9.46 | 10.85 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:34 | 303.2736111 | Winding down 1437 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:34 | 303.2739583 | Deploying | 2 | 19170 | 10.87 | 9.52 | 10.87 | 8.11 | 2014 | 1574 | 0 | 19 | 19 | 19 | 19 |

| Date/Time | Value | State | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:35 | 303.2743056 Deploying | 2 | 19200 | 10.85 | 9.52 | 10.89 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:35 | 303.2746528 Deploying | 2 | 19230 | 10.88 | 9.52 | 10.9 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:36 | 303.2750000 Deploying | 2 | 19260 | 10.88 | 9.52 | 10.92 | 8.08 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:36 | 303.2753125 Winding down 1945 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:36 | 303.2753472 Deploying | 2 | 19290 | 10.94 | 9.59 | 10.94 | 8.13 | 2017 | 1530 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:37 | 303.2756944 Deploying | 2 | 19320 | 10.93 | 9.59 | 10.96 | 8.1 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:37 | 303.2760417 Deploying | 2 | 19350 | 10.94 | 9.59 | 10.97 | 8.1 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:38 | 303.2763889 Deploying | 2 | 19380 | 10.92 | 9.59 | 10.99 | 8.1 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:38 | 303.2766204 Winding down 1995 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:38 | 303.2767361 Deploying | 2 | 19410 | 10.97 | 9.67 | 11.01 | 8.1 | 2227 | 1550 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:39 | 303.2770833 Deploying | 2 | 19440 | 11.02 | 9.67 | 11.02 | 8.11 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:39 | 303.2774306 Deploying | 2 | 19470 | 11.04 | 9.67 | 11.04 | 8.1 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:40 | 303.2777778 Deploying | 2 | 19500 | 11.04 | 9.67 | 11.06 | 8.1 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:40 | 303.2781250 Deploying | 2 | 19530 | 11.04 | 9.67 | 11.07 | 8.14 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:41 | 303.2784722 Deploying | 2 | 19560 | 11.03 | 9.67 | 11.09 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:41 | 303.2786806 Winding down 1842 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:41 | 303.2788194 Deploying | 2 | 19590 | 11.07 | 9.74 | 11.11 | 8.13 | 2015 | 1573 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:42 | 303.2791667 Deploying | 2 | 19620 | 11.1 | 9.74 | 11.13 | 8.08 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:42 | 303.2795139 Deploying | 2 | 19650 | 11.11 | 9.74 | 11.14 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:43 | 303.2798611 Deploying | 2 | 19680 | 11.1 | 9.74 | 11.16 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:43 | 303.2799537 Winding down 1925 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:43 | 303.2802083 Deploying | 2 | 19710 | 11.15 | 9.82 | 11.18 | 8.1 | 2054 | 1560 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:44 | 303.2805556 Deploying | 2 | 19740 | 11.18 | 9.82 | 11.19 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:44 | 303.2809028 Deploying | 2 | 19770 | 11.2 | 9.82 | 11.21 | 8.1 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:45 | 303.2812500 Deploying | 2 | 19800 | 11.2 | 9.82 | 11.23 | 8.1 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:45 | 303.2815972 Deploying | 2 | 19830 | 11.18 | 9.82 | 11.24 | 8.11 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 6:45 | 303.2816319 Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:46 | 303.2819444 Deploying | 2 | 19860 | 11.26 | 9.88 | 11.26 | 8.14 | 2070 | 1571 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:46 | 303.2822917 Deploying | 2 | 19890 | 11.27 | 9.88 | 11.28 | 8.14 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:47 | 303.2826389 Deploying | 2 | 19920 | 11.27 | 9.88 | 11.3 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:47 | 303.2829861 Deploying | 2 | 19950 | 11.27 | 9.88 | 11.31 | 8.14 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:48 | 303.2833333 Deploying | 2 | 19980 | 11.27 | 9.88 | 11.33 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:48 | 303.2834259 Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:48 | 303.2836806 Deploying | 2 | 20010 | 11.32 | 9.95 | 11.35 | 8.13 | 2104 | 1572 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:49 | 303.2840278 Deploying | 2 | 20040 | 11.33 | 9.95 | 11.36 | 8.11 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 6:49 | 303.2843750 Deploying | 2 | 20070 | 11.33 | 9.95 | 11.38 | 8.11 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:50 | 303.2847222 Deploying | 2 | 20100 | 11.34 | 9.95 | 11.4 | 8.1 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/29/2016 6:50 | 303.2848727 Winding down 1621 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:50 | 303.2850694 Deploying | 2 | 20130 | 11.38 | 10.01 | 11.41 | 8.1 | 2070 | 1550 | 0 | 19 | 18 | 18 | 18 |
| 10/29/2016 6:51 | 303.2854167 Deploying | 2 | 20160 | 11.39 | 10.01 | 11.43 | 8.11 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/29/2016 6:51 | 303.2857639 Deploying | 2 | 20190 | 11.4 | 10.01 | 11.45 | 8.1 | 0 | 0 | 0 | 26 | 23 | 25 | 23 |
| 10/29/2016 6:51 | 303.2858681 Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:51 | 303.2859838 Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/29/2016 6:51 | 303.2859838 State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/29/2016 6:51 | 303.2860069 Winding up 1525 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:51 | 303.2860301 Winding up 2600 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:51 | 303.2860648 Winding up 4375 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:52 | 303.2861111 Rewinding | 5 | 20209 | 11.39 | 9.74 | 11.16 | 7.98 | 1111 | 795 | | | | | |
| 10/29/2016 6:52 | 303.2861227 Winding up 6800 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:52 | 303.2862037 Winding up 9075 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:52 | 303.2863194 Winding up 9200 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:52 | 303.2864352 Winding up 7050 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:52 | 303.2864583 Rewinding | 5 | 20209 | 10.64 | 8.51 | 10.41 | 8 | 1134 | 818 | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:52 | 303.2865278 Winding up 5025 ticks | 3 | | | | | | | |
| 10/29/2016 6:52 | 303.2865972 Winding up 3649 ticks | 3 | | | | | | | |
| 10/29/2016 6:52 | 303.2866435 Winding up 2600 ticks | 3 | | | | | | | |
| 10/29/2016 6:52 | 303.2866782 Winding up 2075 ticks | 3 | | | | | | | |
| 10/29/2016 6:52 | 303.2867130 Winding up 1325 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2868056 Rewinding | 5 | 20209 | 9.67 | 7.95 | 9.66 | 8.06 | 1143 | 813 |
| 10/29/2016 6:53 | 303.2868981 Winding up 1350 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2869213 Winding up 1825 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2869444 Winding up 2325 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2869792 Winding up 2750 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2870139 Winding up 3600 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2870602 Winding up 4550 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2871181 Winding up 5550 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2871528 Rewinding | 5 | 20209 | 9.12 | 7.1 | 8.91 | 7.92 | 1141 | 829 |
| 10/29/2016 6:53 | 303.2871875 Winding up 5800 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2872569 Winding up 4925 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2873148 Winding up 4125 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2873727 Winding up 2850 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2874074 Winding up 2250 ticks | 3 | | | | | | | |
| 10/29/2016 6:53 | 303.2874421 Winding up 1650 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2875000 Rewinding | 5 | 20209 | 8.16 | 6.28 | 8.16 | 8.06 | 1134 | 815 |
| 10/29/2016 6:54 | 303.2876620 Winding up 1275 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2876852 Winding up 1650 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2877083 Winding up 2200 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2877431 Winding up 3075 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2877894 Winding up 4000 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2878472 Rewinding | 5 | 20209 | 7.61 | 5.81 | 7.41 | 7.98 | 1139 | 820 |
| 10/29/2016 6:54 | 303.2878472 Winding up 5475 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2879167 Winding up 6125 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2879977 Winding up 5600 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2880671 Winding up 4525 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2881250 Winding up 3425 ticks | 3 | | | | | | | |
| 10/29/2016 6:54 | 303.2881713 Winding up 2525 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2881944 Rewinding | 5 | 20209 | 6.72 | 4.76 | 6.66 | 7.97 | 1130 | 822 |
| 10/29/2016 6:55 | 303.2882060 Winding up 2050 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2884375 Winding up 1425 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2884606 Winding up 1875 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2884838 Winding up 2475 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2885185 Winding up 3475 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2885417 Rewinding | 5 | 20209 | 6.05 | 4.33 | 5.91 | 7.94 | 1111 | 810 |
| 10/29/2016 6:55 | 303.2885648 Winding up 4625 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2886227 Winding up 6175 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2887037 Winding up 6525 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2887847 Winding up 5075 ticks | 3 | | | | | | | |
| 10/29/2016 6:55 | 303.2888542 Winding up 3750 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2888889 Rewinding | 5 | 20209 | 5.26 | 3.33 | 5.16 | 7.94 | 1129 | 813 |
| 10/29/2016 6:56 | 303.2889005 Winding up 2875 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2889352 Winding up 2175 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2891319 Winding up 1400 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2891551 Winding up 1725 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2891782 Winding up 1875 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2892014 Winding up 2350 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2892361 Rewinding | 5 | 20209 | 4.49 | 2.86 | 4.41 | 7.92 | 1142 | 825 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:56 | 303.2892361 Winding up 2625 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2892708 Winding up 3175 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2893171 Winding up 4000 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2893750 Winding up 4575 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2894329 Winding up 4375 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2894907 Winding up 3625 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2895370 Winding up 2750 ticks | 3 | | | | | | | |
| 10/29/2016 6:56 | 303.2895718 Winding up 2200 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2895833 Rewinding | 5 | 20209 | 3.72 | 1.83 | 3.66 | 8.05 | 1136 | 829 |
| 10/29/2016 6:57 | 303.2896065 Winding up 1500 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2898032 Winding up 1325 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2898264 Winding up 1625 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2898495 Winding up 2125 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2898843 Winding up 2850 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2899190 Winding up 3525 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2899306 Rewinding | 5 | 20209 | 3.04 | 1.34 | 2.91 | 8.03 | 1134 | 826 |
| 10/29/2016 6:57 | 303.2899653 Winding up 4125 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2900231 Winding up 4925 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2900810 Winding up 5075 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2901505 Winding up 4550 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2902083 Winding up 3450 ticks | 3 | | | | | | | |
| 10/29/2016 6:57 | 303.2902546 Winding up 2525 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2902778 Rewinding | 5 | 20209 | 2.22 | 0.41 | 2.16 | 7.9 | 1133 | 821 |
| 10/29/2016 6:58 | 303.2902894 Winding up 1925 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2903125 Winding up 1675 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2905671 Winding up 1375 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2905903 Winding up 1875 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2906134 Winding up 2625 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2906250 Rewinding | 5 | 20209 | 1.51 | 0.05 | 1.41 | 8.06 | 1136 | 820 |
| 10/29/2016 6:58 | 303.2906481 Winding up 3725 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2906944 Winding up 4450 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2907523 Winding up 5700 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2908218 Winding up 6225 ticks | 3 | | | | | | | |
| 10/29/2016 6:58 | 303.2909028 Winding up 5350 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2909722 Rewinding | 5 | 20209 | 0.81 | -0.91 | 0.66 | 7.89 | 1136 | 98 |
| 10/29/2016 6:59 | 303.2909722 Winding up 4275 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2909954 Winding up 3775 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2910069 Winding up 4350 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2910185 Winding up 4175 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2910301 Winding up 3925 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2910417 Winding up 3850 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2910532 Winding up 3725 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2910648 Winding up 3675 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2910764 Winding up 3675 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2910880 Winding up 3725 ticks | 3 | | | | | | | |
| 10/29/2016 6:59 | 303.2910995 Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 10/29/2016 6:59 | 303.2910995 State 5 (FINISHED) | 5 | | | | | | | |
| 10/29/2016 7:50 | 303.3265394 Manual stop | 5 | | | | | | | |
| 10/29/2016 7:50 | 303.3265394 State 1 (IDLE) | 5 | | | | | | | |

DPS6-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:15 | 303.6354167 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/28/2016 15:15 | 303.6357639 | Deploying | 2 | 30 | 0.37 | 0 | 0.02 | 8.14 | 0 | 0 | 0 | 24 | 24 | 24 | 24 |
| 10/28/2016 15:16 | 303.6361111 | Deploying | 2 | 60 | 0.38 | 0 | 0.04 | 8.13 | 0 | 0 | 0 | 16 | 18 | 21 | 18 |
| 10/28/2016 15:16 | 303.6364583 | Deploying | 2 | 90 | 0.38 | 0 | 0.06 | 8.11 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 15:17 | 303.6368056 | Deploying | 2 | 120 | 0.37 | 0 | 0.08 | 8.13 | 0 | 0 | 0 | 17 | 16 | 19 | 16 |
| 10/28/2016 15:17 | 303.6371528 | Deploying | 2 | 150 | 0.37 | 0 | 0.09 | 8.14 | 0 | 0 | 0 | 22 | 22 | 23 | 22 |
| 10/28/2016 15:18 | 303.6375000 | Deploying | 2 | 180 | 0.37 | 0 | 0.11 | 8.11 | 0 | 0 | 0 | 27 | 26 | 25 | 26 |
| 10/28/2016 15:18 | 303.6378472 | Deploying | 2 | 210 | 0.38 | 0 | 0.13 | 8.14 | 0 | 0 | 0 | 21 | 19 | 20 | 19 |
| 10/28/2016 15:19 | 303.6381944 | Deploying | 2 | 240 | 0.38 | 0 | 0.14 | 8.13 | 0 | 0 | 0 | 21 | 23 | 22 | 23 |
| 10/28/2016 15:19 | 303.6385417 | Deploying | 2 | 270 | 0.38 | 0 | 0.16 | 8.1 | 0 | 0 | 0 | 27 | 26 | 25 | 26 |
| 10/28/2016 15:20 | 303.6388889 | Deploying | 2 | 300 | 0.38 | 0 | 0.18 | 8.13 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 15:20 | 303.6392361 | Deploying | 2 | 330 | 0.38 | 0 | 0.19 | 8.11 | 0 | 0 | 0 | 25 | 24 | 22 | 24 |
| 10/28/2016 15:21 | 303.6395833 | Deploying | 2 | 360 | 0.37 | 0 | 0.21 | 8.14 | 0 | 0 | 0 | 22 | 23 | 24 | 23 |
| 10/28/2016 15:21 | 303.6399306 | Deploying | 2 | 390 | 0.37 | 0 | 0.23 | 8.14 | 0 | 0 | 0 | 25 | 23 | 20 | 23 |
| 10/28/2016 15:22 | 303.6402778 | Deploying | 2 | 420 | 0.37 | 0 | 0.25 | 8.11 | 0 | 0 | 0 | 19 | 19 | 20 | 19 |
| 10/28/2016 15:22 | 303.6406250 | Deploying | 2 | 450 | 0.38 | 0 | 0.26 | 8.13 | 0 | 0 | 0 | 25 | 24 | 24 | 24 |
| 10/28/2016 15:23 | 303.6409722 | Deploying | 2 | 480 | 0.38 | 0 | 0.28 | 8.13 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 15:23 | 303.6413194 | Deploying | 2 | 510 | 0.37 | 0 | 0.3 | 8.13 | 0 | 0 | 0 | 21 | 23 | 23 | 23 |
| 10/28/2016 15:24 | 303.6416667 | Deploying | 2 | 540 | 0.38 | 0 | 0.31 | 8.08 | 0 | 0 | 0 | 19 | 25 | 22 | 25 |
| 10/28/2016 15:24 | 303.6420139 | Deploying | 2 | 570 | 0.38 | 0 | 0.33 | 8.11 | 0 | 0 | 0 | 18 | 23 | 20 | 23 |
| 10/28/2016 15:25 | 303.6423611 | Deploying | 2 | 600 | 0.38 | 0 | 0.35 | 8.13 | 0 | 0 | 0 | 25 | 23 | 24 | 23 |
| 10/28/2016 15:25 | 303.6427083 | Deploying | 2 | 630 | 0.38 | 0 | 0.36 | 8.11 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 15:26 | 303.6430556 | Deploying | 2 | 660 | 0.37 | 0 | 0.38 | 8.11 | 0 | 0 | 0 | 20 | 19 | 21 | 19 |
| 10/28/2016 15:26 | 303.6434028 | Deploying | 2 | 690 | 0.37 | 0 | 0.4 | 8.13 | 0 | 0 | 0 | 25 | 25 | 24 | 25 |
| 10/28/2016 15:27 | 303.6437500 | Deploying | 2 | 720 | 0.37 | 0 | 0.42 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 15:27 | 303.6440972 | Deploying | 2 | 750 | 0.37 | 0 | 0.43 | 8.1 | 0 | 0 | 0 | 24 | 23 | 23 | 23 |
| 10/28/2016 15:27 | 303.6441319 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:28 | 303.6444444 | Deploying | 2 | 780 | 0.42 | 0.06 | 0.45 | 8.1 | 2176 | 1535 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 15:28 | 303.6447917 | Deploying | 2 | 810 | 0.42 | 0.06 | 0.47 | 8.11 | 0 | 0 | 0 | 20 | 18 | 19 | 18 |
| 10/28/2016 15:28 | 303.6450463 | Winding down 1549 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:29 | 303.6451389 | Deploying | 2 | 840 | 0.43 | 0.12 | 0.48 | 8.08 | 2122 | 1553 | 0 | 20 | 24 | 21 | 24 |
| 10/28/2016 15:29 | 303.6454861 | Deploying | 2 | 870 | 0.46 | 0.12 | 0.5 | 8.13 | 0 | 0 | 0 | 22 | 23 | 23 | 23 |
| 10/28/2016 15:30 | 303.6458333 | Deploying | 2 | 900 | 0.46 | 0.12 | 0.52 | 8.08 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/28/2016 15:30 | 303.6458681 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:30 | 303.6461806 | Deploying | 2 | 930 | 0.52 | 0.18 | 0.53 | 8.11 | 1928 | 1512 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 15:31 | 303.6465278 | Deploying | 2 | 960 | 0.54 | 0.18 | 0.55 | 8.13 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 15:31 | 303.6468750 | Deploying | 2 | 990 | 0.53 | 0.18 | 0.57 | 8.11 | 0 | 0 | 0 | 20 | 20 | 19 | 20 |
| 10/28/2016 15:32 | 303.6472222 | Deploying | 2 | 1020 | 0.53 | 0.18 | 0.59 | 8.13 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 15:32 | 303.6473380 | Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:32 | 303.6475694 | Deploying | 2 | 1050 | 0.57 | 0.24 | 0.6 | 8.13 | 2047 | 1562 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 15:33 | 303.6479167 | Deploying | 2 | 1080 | 0.58 | 0.24 | 0.62 | 8.13 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 15:33 | 303.6482639 | Deploying | 2 | 1110 | 0.59 | 0.24 | 0.64 | 8.1 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 15:34 | 303.6486111 | Deploying | 2 | 1140 | 0.61 | 0.24 | 0.65 | 8.08 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 15:34 | 303.6487963 | Winding down 1489 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:34 | 303.6489583 | Deploying | 2 | 1170 | 0.63 | 0.3 | 0.67 | 8.08 | 2159 | 1561 | 0 | 19 | 21 | 19 | 21 |
| 10/28/2016 15:35 | 303.6493056 | Deploying | 2 | 1200 | 0.66 | 0.3 | 0.69 | 8.11 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 15:35 | 303.6496528 | Deploying | 2 | 1230 | 0.66 | 0.3 | 0.7 | 8.1 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 15:35 | 303.6499537 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:36 | 303.6500000 | Deploying | 2 | 1260 | 0.66 | 0.36 | 0.72 | 8.08 | 2152 | 1556 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 15:36 | 303.6503472 | Deploying | 2 | 1290 | 0.73 | 0.36 | 0.74 | 8.08 | 0 | 0 | 0 | 20 | 20 | 19 | 20 |
| 10/28/2016 15:37 | 303.6506944 | Deploying | 2 | 1320 | 0.73 | 0.36 | 0.76 | 8.08 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 15:37 | 303.6510417 | Deploying | 2 | 1350 | 0.74 | 0.36 | 0.77 | 8.06 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 15:38 | 303.6513889 | Deploying | 2 | 1380 | 0.73 | 0.36 | 0.79 | 8.06 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:38 | 303.6513889 | Winding down 1537 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:38 | 303.6517361 | Deploying | 2 | 1410 | 0.79 | 0.42 | 0.81 | 8.1 | 1977 | 1514 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 15:39 | 303.6520833 | Deploying | 2 | 1440 | 0.78 | 0.42 | 0.82 | 8.1 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 15:39 | 303.6524306 | Deploying | 2 | 1470 | 0.8 | 0.42 | 0.84 | 8.1 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 15:40 | 303.6527778 | Deploying | 2 | 1500 | 0.79 | 0.42 | 0.86 | 8.13 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 15:40 | 303.6528472 | Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:40 | 303.6531250 | Deploying | 2 | 1530 | 0.86 | 0.48 | 0.87 | 8.1 | 2154 | 1544 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 15:41 | 303.6534722 | Deploying | 2 | 1560 | 0.89 | 0.48 | 0.89 | 8.1 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 15:41 | 303.6538194 | Deploying | 2 | 1590 | 0.87 | 0.48 | 0.91 | 8.06 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 15:42 | 303.6541667 | Deploying | 2 | 1620 | 0.87 | 0.48 | 0.93 | 8.08 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 15:42 | 303.6542130 | Winding down 1369 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:42 | 303.6545139 | Deploying | 2 | 1650 | 0.91 | 0.53 | 0.94 | 8.11 | 2196 | 1576 | 0 | 22 | 21 | 20 | 21 |
| 10/28/2016 15:43 | 303.6548611 | Deploying | 2 | 1680 | 0.94 | 0.53 | 0.96 | 8.08 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 15:43 | 303.6552083 | Deploying | 2 | 1710 | 0.93 | 0.53 | 0.98 | 8.11 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 15:44 | 303.6555556 | Deploying | 2 | 1740 | 0.93 | 0.53 | 0.99 | 8.1 | 0 | 0 | 0 | 18 | 22 | 20 | 22 |
| 10/28/2016 15:44 | 303.6555671 | Winding down 1701 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:44 | 303.6559028 | Deploying | 2 | 1770 | 0.99 | 0.59 | 1.01 | 8.08 | 2031 | 1560 | 0 | 19 | 18 | 19 | 18 |
| 10/28/2016 15:45 | 303.6562500 | Deploying | 2 | 1800 | 0.99 | 0.59 | 1.03 | 8.11 | 0 | 0 | 0 | 19 | 19 | 20 | 19 |
| 10/28/2016 15:45 | 303.6565972 | Deploying | 2 | 1830 | 0.99 | 0.59 | 1.04 | 8.06 | 0 | 0 | 0 | 19 | 23 | 20 | 23 |
| 10/28/2016 15:45 | 303.6567593 | Winding down 1485 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:46 | 303.6569444 | Deploying | 2 | 1860 | 1.03 | 0.65 | 1.06 | 8.11 | 2222 | 1567 | 0 | 20 | 22 | 21 | 22 |
| 10/28/2016 15:46 | 303.6572917 | Deploying | 2 | 1890 | 1.06 | 0.65 | 1.08 | 8.08 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 15:47 | 303.6576389 | Deploying | 2 | 1920 | 1.06 | 0.65 | 1.1 | 8.11 | 0 | 0 | 0 | 21 | 22 | 21 | 22 |
| 10/28/2016 15:47 | 303.6579861 | Deploying | 2 | 1950 | 1.06 | 0.65 | 1.11 | 8.08 | 0 | 0 | 0 | 20 | 23 | 21 | 23 |
| 10/28/2016 15:47 | 303.6582060 | Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:48 | 303.6583333 | Deploying | 2 | 1980 | 1.09 | 0.71 | 1.13 | 8.1 | 2235 | 1576 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 15:48 | 303.6586806 | Deploying | 2 | 2010 | 1.13 | 0.71 | 1.15 | 8.11 | 0 | 0 | 0 | 23 | 21 | 21 | 21 |
| 10/28/2016 15:49 | 303.6590278 | Deploying | 2 | 2040 | 1.12 | 0.71 | 1.16 | 8.08 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/28/2016 15:49 | 303.6593750 | Deploying | 2 | 2070 | 1.12 | 0.71 | 1.18 | 8.08 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 15:49 | 303.6594676 | Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:50 | 303.6597222 | Deploying | 2 | 2100 | 1.17 | 0.77 | 1.2 | 8.08 | 2272 | 1583 | 0 | 21 | 20 | 21 | 20 |
| 10/28/2016 15:50 | 303.6600694 | Deploying | 2 | 2130 | 1.2 | 0.77 | 1.21 | 8.1 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/28/2016 15:51 | 303.6604167 | Deploying | 2 | 2160 | 1.2 | 0.77 | 1.23 | 8.08 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 15:51 | 303.6607639 | Deploying | 2 | 2190 | 1.2 | 0.77 | 1.25 | 8.08 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 15:51 | 303.6608796 | Winding down 1304 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:52 | 303.6611111 | Deploying | 2 | 2220 | 1.24 | 0.82 | 1.27 | 8.11 | 2194 | 1577 | 0 | 20 | 21 | 20 | 21 |
| 10/28/2016 15:52 | 303.6614583 | Deploying | 2 | 2250 | 1.25 | 0.82 | 1.28 | 8.1 | 0 | 0 | 0 | 22 | 21 | 21 | 21 |
| 10/28/2016 15:53 | 303.6618056 | Deploying | 2 | 2280 | 1.25 | 0.82 | 1.3 | 8.1 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 15:53 | 303.6621065 | Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:53 | 303.6621528 | Deploying | 2 | 2310 | 1.25 | 0.88 | 1.32 | 8.13 | 2065 | 1558 | 0 | 19 | 22 | 20 | 22 |
| 10/28/2016 15:54 | 303.6625000 | Deploying | 2 | 2340 | 1.33 | 0.88 | 1.33 | 8.1 | 0 | 0 | 0 | 21 | 21 | 20 | 21 |
| 10/28/2016 15:54 | 303.6628472 | Deploying | 2 | 2370 | 1.32 | 0.88 | 1.35 | 8.1 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/28/2016 15:55 | 303.6631944 | Deploying | 2 | 2400 | 1.32 | 0.88 | 1.37 | 8.11 | 0 | 0 | 0 | 20 | 22 | 20 | 22 |
| 10/28/2016 15:55 | 303.6635185 | Winding down 1434 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:55 | 303.6635417 | Deploying | 2 | 2430 | 1.33 | 0.94 | 1.38 | 8 | 2065 | 1551 | 0 | 20 | 21 | 20 | 21 |
| 10/28/2016 15:56 | 303.6638889 | Deploying | 2 | 2460 | 1.39 | 0.94 | 1.4 | 8.08 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/28/2016 15:56 | 303.6642361 | Deploying | 2 | 2490 | 1.4 | 0.94 | 1.42 | 8.08 | 0 | 0 | 0 | 20 | 20 | 21 | 20 |
| 10/28/2016 15:57 | 303.6645833 | Deploying | 2 | 2520 | 1.39 | 0.94 | 1.44 | 8.1 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 15:57 | 303.6649306 | Deploying | 2 | 2550 | 1.39 | 0.94 | 1.45 | 8.1 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 15:57 | 303.6649421 | Winding down 1676 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 15:58 | 303.6652778 | Deploying | 2 | 2580 | 1.46 | 1 | 1.47 | 8.08 | 2207 | 1602 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 15:58 | 303.6656250 | Deploying | 2 | 2610 | 1.46 | 1 | 1.49 | 8.06 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/28/2016 15:59 | 303.6659722 | Deploying | 2 | 2640 | 1.45 | 1 | 1.5 | 8.1 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 15:59 | 303.6662384 | Winding down 1588 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 15:59 | 303.6663194 | Deploying | 2 | 2670 | 1.47 | 1.06 | 1.52 | 8.1 | 2060 | 1551 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:00 | 303.6666667 | Deploying | 2 | 2700 | 1.53 | 1.06 | 1.54 | 8.08 | 0 | 0 | 0 | 19 | 21 | 19 | 21 |
| 10/28/2016 16:00 | 303.6670139 | Deploying | 2 | 2730 | 1.52 | 1.06 | 1.55 | 8.11 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/28/2016 16:01 | 303.6673611 | Deploying | 2 | 2760 | 1.55 | 1.06 | 1.57 | 8.1 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 16:01 | 303.6677083 | Deploying | 2 | 2790 | 1.55 | 1.06 | 1.59 | 8.08 | 0 | 0 | 0 | 20 | 21 | 21 | 21 |
| 10/28/2016 16:02 | 303.6680556 | Deploying | 2 | 2820 | 1.53 | 1.06 | 1.61 | 8.08 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/28/2016 16:02 | 303.6680903 | Winding down 2030 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:02 | 303.6684028 | Deploying | 2 | 2850 | 1.61 | 1.14 | 1.62 | 8.1 | 1985 | 1530 | 0 | 20 | 22 | 20 | 22 |
| 10/28/2016 16:03 | 303.6687500 | Deploying | 2 | 2880 | 1.61 | 1.14 | 1.64 | 8.06 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:03 | 303.6690972 | Deploying | 2 | 2910 | 1.61 | 1.14 | 1.66 | 8.05 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 16:04 | 303.6694444 | Deploying | 2 | 2940 | 1.62 | 1.14 | 1.67 | 8.06 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 16:04 | 303.6695023 | Winding down 1458 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:04 | 303.6697917 | Deploying | 2 | 2970 | 1.67 | 1.19 | 1.69 | 8.1 | 2077 | 1561 | 0 | 22 | 21 | 20 | 21 |
| 10/28/2016 16:05 | 303.6701389 | Deploying | 2 | 3000 | 1.69 | 1.19 | 1.71 | 8.05 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:05 | 303.6704861 | Deploying | 2 | 3030 | 1.68 | 1.19 | 1.72 | 8.05 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/28/2016 16:06 | 303.6708333 | Deploying | 2 | 3060 | 1.68 | 1.19 | 1.74 | 8.06 | 0 | 0 | 0 | 19 | 22 | 20 | 22 |
| 10/28/2016 16:06 | 303.6709028 | Winding down 1697 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:06 | 303.6711806 | Deploying | 2 | 3090 | 1.74 | 1.26 | 1.76 | 8.06 | 2256 | 1598 | 0 | 19 | 19 | 20 | 19 |
| 10/28/2016 16:07 | 303.6715278 | Deploying | 2 | 3120 | 1.76 | 1.26 | 1.78 | 8.08 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 16:07 | 303.6718750 | Deploying | 2 | 3150 | 1.75 | 1.26 | 1.79 | 8.06 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:07 | 303.6721875 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:08 | 303.6722222 | Deploying | 2 | 3180 | 1.76 | 1.31 | 1.81 | 8.06 | 2035 | 1565 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:08 | 303.6725694 | Deploying | 2 | 3210 | 1.81 | 1.31 | 1.83 | 8.06 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 16:09 | 303.6729167 | Deploying | 2 | 3240 | 1.82 | 1.31 | 1.84 | 8.05 | 0 | 0 | 0 | 20 | 22 | 21 | 22 |
| 10/28/2016 16:09 | 303.6732639 | Deploying | 2 | 3270 | 1.81 | 1.31 | 1.86 | 8.05 | 0 | 0 | 0 | 21 | 21 | 21 | 21 |
| 10/28/2016 16:10 | 303.6736111 | Deploying | 2 | 3300 | 1.81 | 1.31 | 1.88 | 8.05 | 0 | 0 | 0 | 20 | 21 | 20 | 21 |
| 10/28/2016 16:10 | 303.6736111 | Winding down 1812 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:10 | 303.6739583 | Deploying | 2 | 3330 | 1.89 | 1.38 | 1.89 | 8.08 | 1973 | 1525 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 16:11 | 303.6743056 | Deploying | 2 | 3360 | 1.89 | 1.38 | 1.91 | 8.1 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:11 | 303.6746528 | Deploying | 2 | 3390 | 1.9 | 1.38 | 1.93 | 8.06 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/28/2016 16:12 | 303.6750000 | Deploying | 2 | 3420 | 1.89 | 1.38 | 1.95 | 8.08 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:12 | 303.6751389 | Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:12 | 303.6753472 | Deploying | 2 | 3450 | 1.92 | 1.44 | 1.96 | 8.06 | 2007 | 1543 | 0 | 19 | 19 | 18 | 19 |
| 10/28/2016 16:13 | 303.6756944 | Deploying | 2 | 3480 | 1.97 | 1.44 | 1.98 | 8.06 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 16:13 | 303.6760417 | Deploying | 2 | 3510 | 1.95 | 1.44 | 2 | 8.1 | 0 | 0 | 0 | 18 | 21 | 19 | 21 |
| 10/28/2016 16:14 | 303.6763889 | Deploying | 2 | 3540 | 1.96 | 1.44 | 2.01 | 8.06 | 0 | 0 | 0 | 19 | 21 | 19 | 21 |
| 10/28/2016 16:14 | 303.6765509 | Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:14 | 303.6767361 | Deploying | 2 | 3570 | 2 | 1.51 | 2.03 | 8.06 | 2184 | 1568 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:15 | 303.6770833 | Deploying | 2 | 3600 | 2.04 | 1.51 | 2.05 | 8.05 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:15 | 303.6774306 | Deploying | 2 | 3630 | 2.04 | 1.51 | 2.06 | 8.08 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:16 | 303.6777778 | Deploying | 2 | 3660 | 2.05 | 1.51 | 2.08 | 8.05 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:16 | 303.6781250 | Deploying | 2 | 3690 | 2.04 | 1.51 | 2.1 | 8.08 | 0 | 0 | 0 | 18 | 21 | 19 | 21 |
| 10/28/2016 16:16 | 303.6781829 | Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:17 | 303.6784722 | Deploying | 2 | 3720 | 2.11 | 1.57 | 2.12 | 8.1 | 2017 | 1548 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 16:17 | 303.6788194 | Deploying | 2 | 3750 | 2.1 | 1.57 | 2.13 | 8.05 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 16:18 | 303.6791667 | Deploying | 2 | 3780 | 2.1 | 1.57 | 2.15 | 8.06 | 0 | 0 | 0 | 20 | 20 | 20 | 20 |
| 10/28/2016 16:18 | 303.6793981 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:18 | 303.6795139 | Deploying | 2 | 3810 | 2.13 | 1.62 | 2.17 | 8.06 | 2217 | 1619 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 16:19 | 303.6798611 | Deploying | 2 | 3840 | 2.17 | 1.62 | 2.18 | 8.06 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 16:19 | 303.6802083 | Deploying | 2 | 3870 | 2.17 | 1.62 | 2.2 | 8.05 | 0 | 0 | 0 | 19 | 21 | 19 | 21 |
| 10/28/2016 16:20 | 303.6805556 | Deploying | 2 | 3900 | 2.18 | 1.62 | 2.22 | 8.03 | 0 | 0 | 0 | 18 | 21 | 19 | 21 |
| 10/28/2016 16:20 | 303.6809028 | Deploying | 2 | 3930 | 2.18 | 1.62 | 2.23 | 8.03 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/28/2016 16:20 | 303.6811574 | Winding down 1599 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:21 | 303.6812500 | Deploying | 2 | 3960 | 2.2 | 1.69 | 2.25 | 8.06 | 2033 | 1554 | 0 | 20 | 20 | 20 | 20 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:21 | 303.6815972 | Deploying | 2 | 3990 | 2.25 | 1.69 | 2.27 | 8.06 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 16:22 | 303.6819444 | Deploying | 2 | 4020 | 2.24 | 1.69 | 2.29 | 8.03 | 0 | 0 | 0 | 20 | 20 | 19 | 20 |
| 10/28/2016 16:22 | 303.6821296 | Winding down 1314 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:22 | 303.6822917 | Deploying | 2 | 4050 | 2.27 | 1.73 | 2.3 | 8.06 | 2236 | 1588 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 16:23 | 303.6826389 | Deploying | 2 | 4080 | 2.31 | 1.73 | 2.32 | 8.03 | 0 | 0 | 0 | 19 | 17 | 19 | 17 |
| 10/28/2016 16:23 | 303.6829861 | Deploying | 2 | 4110 | 2.3 | 1.73 | 2.34 | 8.05 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 16:24 | 303.6833333 | Deploying | 2 | 4140 | 2.31 | 1.73 | 2.35 | 8.05 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 16:24 | 303.6836806 | Deploying | 2 | 4170 | 2.31 | 1.73 | 2.37 | 8.06 | 0 | 0 | 0 | 18 | 18 | 19 | 18 |
| 10/28/2016 16:24 | 303.6836921 | Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:25 | 303.6840278 | Deploying | 2 | 4200 | 2.38 | 1.8 | 2.39 | 8.06 | 1967 | 1534 | 0 | 18 | 21 | 19 | 21 |
| 10/28/2016 16:25 | 303.6843750 | Deploying | 2 | 4230 | 2.37 | 1.8 | 2.4 | 8.08 | 0 | 0 | 0 | 22 | 20 | 19 | 20 |
| 10/28/2016 16:26 | 303.6847222 | Deploying | 2 | 4260 | 2.37 | 1.8 | 2.42 | 8.06 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 16:26 | 303.6850579 | Winding down 1598 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:26 | 303.6850694 | Deploying | 2 | 4290 | 2.37 | 1.86 | 2.44 | 8.05 | 2040 | 1554 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 16:27 | 303.6854167 | Deploying | 2 | 4320 | 2.44 | 1.86 | 2.46 | 8.05 | 2040 | 46 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 16:27 | 303.6857639 | Deploying | 2 | 4350 | 2.45 | 1.86 | 2.47 | 8.08 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 16:28 | 303.6861111 | Deploying | 2 | 4380 | 2.45 | 1.86 | 2.49 | 8.1 | 0 | 0 | 0 | 18 | 18 | 19 | 18 |
| 10/28/2016 16:28 | 303.6863542 | Winding down 1435 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:28 | 303.6864583 | Deploying | 2 | 4410 | 2.46 | 1.91 | 2.51 | 8.08 | 2149 | 1576 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 16:29 | 303.6868056 | Deploying | 2 | 4440 | 2.51 | 1.91 | 2.52 | 8.08 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 16:29 | 303.6871528 | Deploying | 2 | 4470 | 2.51 | 1.91 | 2.54 | 8.06 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 16:30 | 303.6875000 | Deploying | 2 | 4500 | 2.5 | 1.91 | 2.56 | 8.06 | 0 | 0 | 0 | 19 | 19 | 18 | 19 |
| 10/28/2016 16:30 | 303.6876273 | Winding down 1493 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:30 | 303.6878472 | Deploying | 2 | 4530 | 2.55 | 1.97 | 2.57 | 8.1 | 2102 | 1573 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 16:31 | 303.6881944 | Deploying | 2 | 4560 | 2.56 | 1.97 | 2.59 | 8.05 | 0 | 0 | 0 | 21 | 20 | 20 | 20 |
| 10/28/2016 16:31 | 303.6885417 | Deploying | 2 | 4590 | 2.57 | 1.97 | 2.61 | 8.05 | 0 | 0 | 0 | 19 | 18 | 19 | 18 |
| 10/28/2016 16:32 | 303.6888889 | Deploying | 2 | 4620 | 2.56 | 1.97 | 2.63 | 8.06 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/28/2016 16:32 | 303.6889815 | Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:32 | 303.6892361 | Deploying | 2 | 4650 | 2.63 | 2.03 | 2.64 | 8.08 | 1999 | 1557 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 16:33 | 303.6895833 | Deploying | 2 | 4680 | 2.65 | 2.03 | 2.66 | 8.1 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 16:33 | 303.6899306 | Deploying | 2 | 4710 | 2.65 | 2.03 | 2.68 | 8.05 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 16:34 | 303.6902778 | Deploying | 2 | 4740 | 2.66 | 2.03 | 2.69 | 8.08 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 16:34 | 303.6906250 | Deploying | 2 | 4770 | 2.65 | 2.03 | 2.71 | 8.06 | 0 | 0 | 0 | 18 | 20 | 18 | 20 |
| 10/28/2016 16:34 | 303.6906713 | Winding down 1544 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:35 | 303.6909722 | Deploying | 2 | 4800 | 2.7 | 2.09 | 2.73 | 8.08 | 2264 | 1574 | 0 | 19 | 19 | 18 | 19 |
| 10/28/2016 16:35 | 303.6913194 | Deploying | 2 | 4830 | 2.72 | 2.09 | 2.74 | 8.08 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 16:36 | 303.6916667 | Deploying | 2 | 4860 | 2.71 | 2.09 | 2.76 | 8.06 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 16:36 | 303.6919444 | Winding down 1702 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:36 | 303.6920139 | Deploying | 2 | 4890 | 2.72 | 2.15 | 2.78 | 8.08 | 2034 | 1558 | 0 | 18 | 18 | 19 | 18 |
| 10/28/2016 16:37 | 303.6923611 | Deploying | 2 | 4920 | 2.78 | 2.15 | 2.8 | 8.11 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 16:37 | 303.6927083 | Deploying | 2 | 4950 | 2.78 | 2.15 | 2.81 | 8.06 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 16:38 | 303.6930556 | Deploying | 2 | 4980 | 2.79 | 2.15 | 2.83 | 8.08 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 16:38 | 303.6934028 | Deploying | 2 | 5010 | 2.78 | 2.15 | 2.85 | 8.05 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 16:38 | 303.6935069 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:39 | 303.6937500 | Deploying | 2 | 5040 | 2.84 | 2.22 | 2.86 | 8.08 | 2194 | 1593 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 16:39 | 303.6940972 | Deploying | 2 | 5070 | 2.87 | 2.22 | 2.88 | 8.05 | 0 | 0 | 0 | 19 | 19 | 18 | 19 |
| 10/28/2016 16:40 | 303.6944444 | Deploying | 2 | 5100 | 2.86 | 2.22 | 2.9 | 8.08 | 0 | 0 | 0 | 17 | 20 | 18 | 20 |
| 10/28/2016 16:40 | 303.6947917 | Deploying | 2 | 5130 | 2.87 | 2.22 | 2.91 | 8.05 | 0 | 0 | 0 | 17 | 20 | 18 | 20 |
| 10/28/2016 16:41 | 303.6951389 | Deploying | 2 | 5160 | 2.87 | 2.22 | 2.93 | 8.06 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 16:41 | 303.6952083 | Winding down 1672 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6954861 | Deploying | 2 | 5190 | 2.92 | 2.28 | 2.95 | 8.08 | 2072 | 1582 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 16:42 | 303.6958333 | Deploying | 2 | 5220 | 2.92 | 2.28 | 2.97 | 8.06 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 16:42 | 303.6961806 | Deploying | 2 | 5250 | 2.94 | 2.28 | 2.98 | 8.08 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 16:43 | 303.6965278 | Deploying | 2 | 5280 | 2.94 | 2.28 | 3 | 8.03 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |

| Date | Time | Value | State | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 | 16:43 | 303.6965394 | Winding down 1526 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 16:43 | 303.6968750 | Deploying | 2 | 5310 | 3 | 2.34 | 3.02 | 8.08 | 2196 | 1604 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 | 16:44 | 303.6972222 | Deploying | 2 | 5340 | 3 | 2.34 | 3.03 | 8.05 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 | 16:44 | 303.6975694 | Deploying | 2 | 5370 | 3 | 2.34 | 3.05 | 8.06 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 | 16:44 | 303.6978472 | Winding down 1377 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 16:45 | 303.6979167 | Deploying | 2 | 5400 | 3.02 | 2.39 | 3.07 | 8.1 | 2036 | 1564 | 0 | 18 | 20 | 19 | 20 |
| 10/28/2016 | 16:45 | 303.6982639 | Deploying | 2 | 5430 | 3.06 | 2.39 | 3.08 | 8.08 | 0 | 0 | 0 | 20 | 19 | 18 | 19 |
| 10/28/2016 | 16:46 | 303.6986111 | Deploying | 2 | 5460 | 3.07 | 2.39 | 3.1 | 8.06 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 | 16:46 | 303.6989583 | Deploying | 2 | 5490 | 3.06 | 2.39 | 3.12 | 8.06 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 | 16:46 | 303.6990278 | Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 16:47 | 303.6993056 | Deploying | 2 | 5520 | 3.12 | 2.44 | 3.14 | 8.06 | 2020 | 1558 | 0 | 19 | 19 | 18 | 19 |
| 10/28/2016 | 16:47 | 303.6996528 | Deploying | 2 | 5550 | 3.13 | 2.44 | 3.15 | 8.06 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 | 16:48 | 303.7000000 | Deploying | 2 | 5580 | 3.12 | 2.44 | 3.17 | 8.06 | 0 | 0 | 0 | 21 | 20 | 19 | 20 |
| 10/28/2016 | 16:48 | 303.7003356 | Winding down 1373 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 16:48 | 303.7003472 | Deploying | 2 | 5610 | 3.13 | 2.5 | 3.19 | 8.06 | 2280 | 1590 | 0 | 18 | 18 | 19 | 18 |
| 10/28/2016 | 16:49 | 303.7006944 | Deploying | 2 | 5640 | 3.18 | 2.5 | 3.2 | 8.06 | 2280 | 69 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 | 16:49 | 303.7010417 | Deploying | 2 | 5670 | 3.18 | 2.5 | 3.22 | 8.05 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 | 16:50 | 303.7013889 | Deploying | 2 | 5700 | 3.19 | 2.5 | 3.24 | 8.06 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 | 16:50 | 303.7017361 | Deploying | 2 | 5730 | 3.19 | 2.5 | 3.25 | 8.08 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 | 16:50 | 303.7017708 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 16:51 | 303.7020833 | Deploying | 2 | 5760 | 3.26 | 2.56 | 3.27 | 8.05 | 2158 | 1580 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 | 16:51 | 303.7024306 | Deploying | 2 | 5790 | 3.26 | 2.56 | 3.29 | 8.08 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 | 16:52 | 303.7027778 | Deploying | 2 | 5820 | 3.26 | 2.56 | 3.31 | 8.06 | 0 | 0 | 0 | 17 | 20 | 18 | 20 |
| 10/28/2016 | 16:52 | 303.7030556 | Winding down 1627 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 16:52 | 303.7031250 | Deploying | 2 | 5850 | 3.27 | 2.62 | 3.32 | 8.06 | 2071 | 1571 | 0 | 17 | 18 | 17 | 18 |
| 10/28/2016 | 16:53 | 303.7034722 | Deploying | 2 | 5880 | 3.33 | 2.62 | 3.34 | 8.05 | 0 | 0 | 0 | 19 | 19 | 18 | 19 |
| 10/28/2016 | 16:53 | 303.7038194 | Deploying | 2 | 5910 | 3.34 | 2.62 | 3.36 | 8.08 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 | 16:54 | 303.7041667 | Deploying | 2 | 5940 | 3.34 | 2.62 | 3.37 | 8.11 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 | 16:54 | 303.7045139 | Deploying | 2 | 5970 | 3.34 | 2.62 | 3.39 | 8 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 | 16:54 | 303.7048148 | Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 16:55 | 303.7048611 | Deploying | 2 | 6000 | 3.35 | 2.68 | 3.41 | 8.06 | 2196 | 1563 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 | 16:55 | 303.7052083 | Deploying | 2 | 6030 | 3.4 | 2.68 | 3.42 | 8.06 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 | 16:56 | 303.7055556 | Deploying | 2 | 6060 | 3.4 | 2.68 | 3.44 | 8.06 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 | 16:56 | 303.7059028 | Deploying | 2 | 6090 | 3.4 | 2.68 | 3.46 | 8.05 | 0 | 0 | 0 | 17 | 18 | 18 | 18 |
| 10/28/2016 | 16:56 | 303.7060301 | Winding down 1518 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 16:57 | 303.7062500 | Deploying | 2 | 6120 | 3.45 | 2.74 | 3.48 | 8.11 | 2234 | 1579 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 | 16:57 | 303.7065972 | Deploying | 2 | 6150 | 3.46 | 2.74 | 3.49 | 8.05 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 | 16:58 | 303.7069444 | Deploying | 2 | 6180 | 3.47 | 2.74 | 3.51 | 8.03 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 | 16:58 | 303.7072917 | Deploying | 2 | 6210 | 3.47 | 2.74 | 3.53 | 8.05 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 | 16:58 | 303.7073843 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 16:59 | 303.7076389 | Deploying | 2 | 6240 | 3.51 | 2.8 | 3.54 | 8.06 | 2128 | 1566 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 | 16:59 | 303.7079861 | Deploying | 2 | 6270 | 3.53 | 2.8 | 3.56 | 8.05 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 | 17:00 | 303.7083333 | Deploying | 2 | 6300 | 3.53 | 2.8 | 3.58 | 8.08 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 | 17:00 | 303.7086690 | Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:00 | 303.7086806 | Deploying | 2 | 6330 | 3.53 | 2.86 | 3.59 | 8.06 | 2236 | 1586 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 | 17:01 | 303.7090278 | Deploying | 2 | 6360 | 3.6 | 2.86 | 3.61 | 8.08 | 2236 | 77 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 | 17:01 | 303.7093750 | Deploying | 2 | 6390 | 3.6 | 2.86 | 3.63 | 8.06 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 | 17:02 | 303.7097222 | Deploying | 2 | 6420 | 3.6 | 2.86 | 3.65 | 8.06 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 | 17:02 | 303.7099884 | Winding down 1538 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:02 | 303.7100694 | Deploying | 2 | 6450 | 3.62 | 2.92 | 3.66 | 8.05 | 2182 | 1581 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 | 17:03 | 303.7104167 | Deploying | 2 | 6480 | 3.68 | 2.92 | 3.68 | 8.02 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 | 17:03 | 303.7107639 | Deploying | 2 | 6510 | 3.67 | 2.92 | 3.7 | 8.05 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 | 17:04 | 303.7111111 | Deploying | 2 | 6540 | 3.66 | 2.92 | 3.71 | 8.05 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 | 17:04 | 303.7113194 | Winding down 1617 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:04 | 303.7114583 | Deploying | 2 | 6570 | 3.69 | 2.98 | 3.73 | 8.06 | 2263 | 1614 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:05 | 303.7118056 | Deploying | 2 | 6600 | 3.73 | 2.98 | 3.75 | 8.08 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 17:05 | 303.7121528 | Deploying | 2 | 6630 | 3.74 | 2.98 | 3.76 | 8.05 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:06 | 303.7125000 | Deploying | 2 | 6660 | 3.74 | 2.98 | 3.78 | 8.05 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 17:06 | 303.7128472 | Deploying | 2 | 6690 | 3.74 | 2.98 | 3.8 | 8.03 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 17:06 | 303.7128472 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:07 | 303.7131944 | Deploying | 2 | 6720 | 3.8 | 3.04 | 3.82 | 8.05 | 2272 | 1595 | 0 | 20 | 19 | 19 | 19 |
| 10/28/2016 17:07 | 303.7135417 | Deploying | 2 | 6750 | 3.8 | 3.04 | 3.83 | 8.08 | 0 | 0 | 0 | 19 | 18 | 19 | 18 |
| 10/28/2016 17:08 | 303.7138889 | Deploying | 2 | 6780 | 3.78 | 3.04 | 3.85 | 8.08 | 0 | 0 | 0 | 18 | 17 | 18 | 17 |
| 10/28/2016 17:08 | 303.7139005 | Winding down 1751 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:08 | 303.7142361 | Deploying | 2 | 6810 | 3.87 | 3.11 | 3.87 | 8.05 | 2185 | 1592 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:09 | 303.7145833 | Deploying | 2 | 6840 | 3.89 | 3.11 | 3.88 | 8.03 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/28/2016 17:09 | 303.7149306 | Deploying | 2 | 6870 | 3.88 | 3.11 | 3.9 | 8.05 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:10 | 303.7152778 | Deploying | 2 | 6900 | 3.88 | 3.11 | 3.92 | 8.08 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:10 | 303.7156250 | Deploying | 2 | 6930 | 3.88 | 3.11 | 3.93 | 8.05 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:10 | 303.7157292 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:11 | 303.7159722 | Deploying | 2 | 6960 | 3.93 | 3.17 | 3.95 | 8.03 | 2215 | 1581 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:11 | 303.7163194 | Deploying | 2 | 6990 | 3.95 | 3.17 | 3.97 | 8.06 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:12 | 303.7166667 | Deploying | 2 | 7020 | 3.96 | 3.17 | 3.99 | 8.03 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:12 | 303.7170139 | Deploying | 2 | 7050 | 3.97 | 3.17 | 4 | 8.03 | 0 | 0 | 0 | 18 | 17 | 17 | 17 |
| 10/28/2016 17:13 | 303.7173611 | Deploying | 2 | 7080 | 3.96 | 3.17 | 4.02 | 8.05 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/28/2016 17:13 | 303.7175347 | Winding down 1975 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:13 | 303.7177083 | Deploying | 2 | 7110 | 4 | 3.24 | 4.04 | 8.05 | 2259 | 1568 | 0 | 18 | 17 | 18 | 17 |
| 10/28/2016 17:14 | 303.7180556 | Deploying | 2 | 7140 | 4.04 | 3.24 | 4.05 | 8.03 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:14 | 303.7184028 | Deploying | 2 | 7170 | 4.04 | 3.24 | 4.07 | 8 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 17:15 | 303.7187500 | Deploying | 2 | 7200 | 4.03 | 3.24 | 4.09 | 8.02 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/28/2016 17:15 | 303.7189583 | Winding down 1942 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:15 | 303.7190972 | Deploying | 2 | 7230 | 4.06 | 3.32 | 4.1 | 8.05 | 2130 | 1546 | 0 | 19 | 19 | 18 | 19 |
| 10/28/2016 17:16 | 303.7194444 | Deploying | 2 | 7260 | 4.12 | 3.32 | 4.12 | 8.02 | 0 | 0 | 0 | 18 | 17 | 17 | 17 |
| 10/28/2016 17:16 | 303.7197917 | Deploying | 2 | 7290 | 4.12 | 3.32 | 4.14 | 8.02 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/28/2016 17:17 | 303.7201389 | Deploying | 2 | 7320 | 4.13 | 3.32 | 4.16 | 8.05 | 0 | 0 | 0 | 17 | 17 | 18 | 17 |
| 10/28/2016 17:17 | 303.7204861 | Deploying | 2 | 7350 | 4.13 | 3.32 | 4.17 | 8 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:18 | 303.7208333 | Deploying | 2 | 7380 | 4.13 | 3.32 | 4.19 | 8.03 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:18 | 303.7209491 | Winding down 1654 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:18 | 303.7211806 | Deploying | 2 | 7410 | 4.17 | 3.38 | 4.21 | 8.03 | 1996 | 1554 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:19 | 303.7215278 | Deploying | 2 | 7440 | 4.19 | 3.38 | 4.22 | 8.03 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:19 | 303.7218750 | Deploying | 2 | 7470 | 4.2 | 3.38 | 4.24 | 8.03 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:20 | 303.7222222 | Deploying | 2 | 7500 | 4.2 | 3.38 | 4.26 | 8.03 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:20 | 303.7222801 | Winding down 1633 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:20 | 303.7225694 | Deploying | 2 | 7530 | 4.26 | 3.44 | 4.27 | 8.05 | 2162 | 1573 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:21 | 303.7229167 | Deploying | 2 | 7560 | 4.27 | 3.44 | 4.29 | 8.03 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 17:21 | 303.7232639 | Deploying | 2 | 7590 | 4.27 | 3.44 | 4.31 | 8.03 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:22 | 303.7236111 | Deploying | 2 | 7620 | 4.27 | 3.44 | 4.33 | 8.02 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 17:22 | 303.7236343 | Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:22 | 303.7239583 | Deploying | 2 | 7650 | 4.33 | 3.5 | 4.34 | 8.02 | 2116 | 1585 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 17:23 | 303.7243056 | Deploying | 2 | 7680 | 4.34 | 3.5 | 4.36 | 8.03 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 17:23 | 303.7246528 | Deploying | 2 | 7710 | 4.33 | 3.5 | 4.38 | 8.02 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:23 | 303.7249884 | Winding down 1548 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:24 | 303.7250000 | Deploying | 2 | 7740 | 4.34 | 3.56 | 4.39 | 8.03 | 2045 | 1548 | 0 | 17 | 18 | 18 | 18 |
| 10/28/2016 17:24 | 303.7253472 | Deploying | 2 | 7770 | 4.4 | 3.56 | 4.41 | 8.02 | 2045 | 48 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:25 | 303.7256944 | Deploying | 2 | 7800 | 4.4 | 3.56 | 4.43 | 8.05 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 17:25 | 303.7260417 | Deploying | 2 | 7830 | 4.39 | 3.56 | 4.44 | 8.05 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/28/2016 17:25 | 303.7263194 | Winding down 1902 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:26 | 303.7263889 | Deploying | 2 | 7860 | 4.4 | 3.63 | 4.46 | 8.03 | 2208 | 1609 | 0 | 18 | 18 | 18 | 18 |

| Date/Time | Value | Status | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 | Col13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:26 | 303.7267361 | Deploying | 2 | 7890 | 4.48 | 3.63 | 4.48 | 8.03 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:27 | 303.7270833 | Deploying | 2 | 7920 | 4.49 | 3.63 | 4.5 | 8.05 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:27 | 303.7274306 | Deploying | 2 | 7950 | 4.48 | 3.63 | 4.51 | 8.08 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 17:28 | 303.7277778 | Deploying | 2 | 7980 | 4.48 | 3.63 | 4.53 | 8.03 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 17:28 | 303.7279051 | Winding down 1593 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:28 | 303.7281250 | Deploying | 2 | 8010 | 4.52 | 3.69 | 4.55 | 8.05 | 2023 | 1538 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:29 | 303.7284722 | Deploying | 2 | 8040 | 4.56 | 3.69 | 4.56 | 8.05 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:29 | 303.7288194 | Deploying | 2 | 8070 | 4.54 | 3.69 | 4.58 | 8.03 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 17:30 | 303.7291667 | Deploying | 2 | 8100 | 4.55 | 3.69 | 4.6 | 8.05 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:30 | 303.7294560 | Winding down 1716 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:30 | 303.7295139 | Deploying | 2 | 8130 | 4.56 | 3.76 | 4.61 | 8.05 | 2042 | 1560 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:31 | 303.7298611 | Deploying | 2 | 8160 | 4.62 | 3.76 | 4.63 | 8.06 | 0 | 0 | 0 | 17 | 19 | 17 | 19 |
| 10/28/2016 17:31 | 303.7302083 | Deploying | 2 | 8190 | 4.63 | 3.76 | 4.65 | 8.03 | 0 | 0 | 0 | 17 | 18 | 18 | 18 |
| 10/28/2016 17:32 | 303.7305556 | Deploying | 2 | 8220 | 4.61 | 3.76 | 4.67 | 8.02 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 17:32 | 303.7307523 | Winding down 1478 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:32 | 303.7309028 | Deploying | 2 | 8250 | 4.64 | 3.81 | 4.68 | 8.05 | 2021 | 1548 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 17:33 | 303.7312500 | Deploying | 2 | 8280 | 4.68 | 3.81 | 4.7 | 8.06 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:33 | 303.7315972 | Deploying | 2 | 8310 | 4.69 | 3.81 | 4.72 | 8.08 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:34 | 303.7319444 | Deploying | 2 | 8340 | 4.69 | 3.81 | 4.73 | 8.05 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:34 | 303.7322685 | Winding down 1859 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:34 | 303.7322917 | Deploying | 2 | 8370 | 4.68 | 3.88 | 4.75 | 7.98 | 2003 | 1539 | 0 | 18 | 20 | 18 | 20 |
| 10/28/2016 17:35 | 303.7326389 | Deploying | 2 | 8400 | 4.75 | 3.88 | 4.77 | 8.03 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:35 | 303.7329861 | Deploying | 2 | 8430 | 4.75 | 3.88 | 4.78 | 8.05 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:36 | 303.7333333 | Deploying | 2 | 8460 | 4.75 | 3.88 | 4.8 | 8.02 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/28/2016 17:36 | 303.7334954 | Winding down 1335 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:36 | 303.7336806 | Deploying | 2 | 8490 | 4.79 | 3.93 | 4.82 | 8.06 | 1983 | 1545 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:37 | 303.7340278 | Deploying | 2 | 8520 | 4.81 | 3.93 | 4.84 | 8.05 | 0 | 0 | 0 | 19 | 18 | 17 | 18 |
| 10/28/2016 17:37 | 303.7343750 | Deploying | 2 | 8550 | 4.82 | 3.93 | 4.85 | 8.03 | 0 | 0 | 0 | 18 | 17 | 17 | 17 |
| 10/28/2016 17:38 | 303.7347222 | Deploying | 2 | 8580 | 4.83 | 3.93 | 4.87 | 8.05 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:38 | 303.7350694 | Deploying | 2 | 8610 | 4.82 | 3.93 | 4.89 | 8.02 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:38 | 303.7351852 | Winding down 1904 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:39 | 303.7354167 | Deploying | 2 | 8640 | 4.86 | 4.01 | 4.9 | 8.05 | 2253 | 1580 | 0 | 18 | 19 | 18 | 19 |
| 10/28/2016 17:39 | 303.7357639 | Deploying | 2 | 8670 | 4.89 | 4.01 | 4.92 | 8.02 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 17:40 | 303.7361111 | Deploying | 2 | 8700 | 4.9 | 4.01 | 4.94 | 8.03 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/28/2016 17:40 | 303.7364583 | Deploying | 2 | 8730 | 4.91 | 4.01 | 4.95 | 8.03 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:40 | 303.7366088 | Winding down 1346 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:41 | 303.7368056 | Deploying | 2 | 8760 | 4.92 | 4.06 | 4.97 | 8.03 | 2270 | 1614 | 0 | 17 | 18 | 17 | 18 |
| 10/28/2016 17:41 | 303.7371528 | Deploying | 2 | 8790 | 4.96 | 4.06 | 4.99 | 8.03 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:42 | 303.7375000 | Deploying | 2 | 8820 | 4.96 | 4.06 | 5.01 | 8.05 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/28/2016 17:42 | 303.7376968 | Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:42 | 303.7378472 | Deploying | 2 | 8850 | 4.98 | 4.12 | 5.02 | 8.03 | 2223 | 1588 | 0 | 17 | 18 | 18 | 18 |
| 10/28/2016 17:43 | 303.7381944 | Deploying | 2 | 8880 | 5.01 | 4.12 | 5.04 | 8.03 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:43 | 303.7385417 | Deploying | 2 | 8910 | 5.02 | 4.12 | 5.06 | 8.03 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/28/2016 17:44 | 303.7388889 | Deploying | 2 | 8940 | 5.02 | 4.12 | 5.07 | 8.05 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/28/2016 17:44 | 303.7390509 | Winding down 1485 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:44 | 303.7392361 | Deploying | 2 | 8970 | 5.06 | 4.17 | 5.09 | 8.05 | 2231 | 1572 | 0 | 17 | 18 | 17 | 18 |
| 10/28/2016 17:45 | 303.7395833 | Deploying | 2 | 9000 | 5.08 | 4.17 | 5.11 | 8.05 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:45 | 303.7399306 | Deploying | 2 | 9030 | 5.08 | 4.17 | 5.12 | 8.03 | 0 | 0 | 0 | 19 | 18 | 17 | 18 |
| 10/28/2016 17:46 | 303.7402778 | Deploying | 2 | 9060 | 5.08 | 4.17 | 5.14 | 8.08 | 0 | 0 | 0 | 18 | 17 | 17 | 17 |
| 10/28/2016 17:46 | 303.7403356 | Winding down 1458 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:46 | 303.7406250 | Deploying | 2 | 9090 | 5.14 | 4.23 | 5.16 | 8.03 | 2202 | 1602 | 0 | 19 | 17 | 18 | 17 |
| 10/28/2016 17:47 | 303.7409722 | Deploying | 2 | 9120 | 5.14 | 4.23 | 5.18 | 8.06 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/28/2016 17:47 | 303.7413194 | Deploying | 2 | 9150 | 5.14 | 4.23 | 5.19 | 8.02 | 0 | 0 | 0 | 19 | 20 | 19 | 20 |
| 10/28/2016 17:47 | 303.7415509 | Winding down 1720 ticks | 3 | | | | | | | | | | | | |

| Date | Time | Value | Event | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 | 17:48 | 303.7416667 | Deploying | 2 | 9180 | 5.16 | 4.29 | 5.21 | 8.02 | 1991 | 1560 | 2 | 19 | 40 | 34 | 40 |
| 10/28/2016 | 17:48 | 303.7417477 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7417477 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7417708 | Winding up 1450 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7417940 | Winding up 2724 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7418287 | Winding up 4474 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7418866 | Winding up 6825 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7419676 | Winding up 8499 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7420139 | Rewinding | 5 | 9187 | 4.95 | 3.38 | 4.63 | 7.9 | 1121 | 821 | | | | | |
| 10/28/2016 | 17:48 | 303.7420718 | Winding up 8150 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7421759 | Winding up 5599 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7422454 | Winding up 3900 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7422917 | Winding up 2775 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:48 | 303.7423264 | Winding up 1825 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7423611 | Rewinding | 5 | 9187 | 3.89 | 2.54 | 3.88 | 8.02 | 1142 | 844 | | | | | |
| 10/28/2016 | 17:49 | 303.7425579 | Winding up 1350 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7425810 | Winding up 1925 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7426042 | Winding up 2475 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7426389 | Winding up 3225 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7426852 | Winding up 4425 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7427083 | Rewinding | 5 | 9187 | 3.3 | 2.03 | 3.13 | 7.73 | 1146 | 839 | | | | | |
| 10/28/2016 | 17:49 | 303.7427431 | Winding up 5774 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7428125 | Winding up 6300 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7428935 | Winding up 5575 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7429630 | Winding up 4050 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:49 | 303.7430208 | Winding up 2850 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7430556 | Rewinding | 5 | 9187 | 2.44 | 1.1 | 2.38 | 7.83 | 1145 | 88 | | | | | |
| 10/28/2016 | 17:50 | 303.7430556 | Winding up 2150 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7430903 | Winding up 1325 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7433102 | Winding up 1400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7433333 | Winding up 1925 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7433565 | Winding up 2550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7433912 | Winding up 3350 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7434028 | Rewinding | 5 | 9187 | 1.75 | 0.62 | 1.63 | 7.98 | 1143 | 834 | | | | | |
| 10/28/2016 | 17:50 | 303.7434375 | Winding up 4550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7434954 | Winding up 5800 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7435648 | Winding up 6375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7436458 | Winding up 5375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:50 | 303.7437153 | Winding up 3824 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7437500 | Rewinding | 5 | 9187 | 0.97 | -0.36 | 0.88 | 7.84 | 1143 | 816 | | | | | |
| 10/28/2016 | 17:51 | 303.7437616 | Winding up 2725 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7437847 | Winding up 2299 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7437963 | Winding up 2125 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7438079 | Winding up 1950 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7438194 | Winding up 1775 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7438310 | Winding up 1624 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7438426 | Winding up 1549 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7438542 | Winding up 1475 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7438657 | Winding up 1400 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7438773 | Winding up 1375 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7438889 | Overcurrent (motor jam) condition detected | 5 | | | | | | | | | | | | |
| 10/28/2016 | 17:51 | 303.7438889 | State 5 (FINISHED) | 5 | | | | | | | | | | | | |
| 10/28/2016 | 19:57 | 303.8313542 | Manual stop | 5 | | | | | | | | | | | | |
| 10/28/2016 | 19:57 | 303.8313542 | State 1 (IDLE) | 5 | | | | | | | | | | | | |

DPS6-3

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:15 | 303.2607639 | Deploying | 2 | 30 | 0.36 | 0 | 0.02 | 8.35 | 0 | 0 | 0 | 22 | 20 | 20 | 20 |
| 10/29/2016 6:16 | 303.2611111 | Deploying | 2 | 60 | 0.36 | 0 | 0.04 | 8.35 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 6:16 | 303.2614583 | Deploying | 2 | 90 | 0.36 | 0 | 0.06 | 8.37 | 0 | 0 | 0 | 19 | 21 | 20 | 21 |
| 10/29/2016 6:17 | 303.2618056 | Deploying | 2 | 120 | 0.37 | 0 | 0.08 | 8.38 | 0 | 0 | 0 | 20 | 19 | 20 | 19 |
| 10/29/2016 6:17 | 303.2621528 | Deploying | 2 | 150 | 0.37 | 0 | 0.09 | 8.37 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:18 | 303.2625000 | Deploying | 2 | 180 | 0.36 | 0 | 0.11 | 8.33 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/29/2016 6:18 | 303.2628472 | Deploying | 2 | 210 | 0.37 | 0 | 0.13 | 8.37 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:19 | 303.2631944 | Deploying | 2 | 240 | 0.36 | 0 | 0.14 | 8.33 | 0 | 0 | 0 | 16 | 18 | 17 | 18 |
| 10/29/2016 6:19 | 303.2635417 | Deploying | 2 | 270 | 0.38 | 0 | 0.16 | 8.37 | 0 | 0 | 0 | 18 | 19 | 19 | 19 |
| 10/29/2016 6:20 | 303.2638889 | Deploying | 2 | 300 | 0.38 | 0 | 0.18 | 8.35 | 0 | 0 | 0 | 19 | 20 | 20 | 20 |
| 10/29/2016 6:20 | 303.2642361 | Deploying | 2 | 330 | 0.38 | 0 | 0.19 | 8.35 | 0 | 0 | 0 | 19 | 17 | 18 | 17 |
| 10/29/2016 6:21 | 303.2645833 | Deploying | 2 | 360 | 0.38 | 0 | 0.21 | 8.37 | 0 | 0 | 0 | 16 | 18 | 17 | 18 |
| 10/29/2016 6:21 | 303.2649306 | Deploying | 2 | 390 | 0.38 | 0 | 0.23 | 8.35 | 0 | 0 | 0 | 16 | 19 | 17 | 19 |
| 10/29/2016 6:22 | 303.2652778 | Deploying | 2 | 420 | 0.37 | 0 | 0.25 | 8.38 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:22 | 303.2656250 | Deploying | 2 | 450 | 0.38 | 0 | 0.26 | 8.38 | 0 | 0 | 0 | 19 | 18 | 19 | 18 |
| 10/29/2016 6:23 | 303.2659722 | Deploying | 2 | 480 | 0.38 | 0 | 0.28 | 8.35 | 0 | 0 | 0 | 16 | 18 | 17 | 18 |
| 10/29/2016 6:23 | 303.2663194 | Deploying | 2 | 510 | 0.37 | 0 | 0.3 | 8.38 | 0 | 0 | 0 | 15 | 20 | 17 | 20 |
| 10/29/2016 6:24 | 303.2666667 | Deploying | 2 | 540 | 0.38 | 0 | 0.31 | 8.35 | 0 | 0 | 0 | 22 | 22 | 19 | 22 |
| 10/29/2016 6:24 | 303.2670139 | Deploying | 2 | 570 | 0.38 | 0 | 0.33 | 8.37 | 0 | 0 | 0 | 17 | 16 | 17 | 16 |
| 10/29/2016 6:25 | 303.2673611 | Deploying | 2 | 600 | 0.37 | 0 | 0.35 | 8.35 | 0 | 0 | 0 | 15 | 19 | 17 | 19 |
| 10/29/2016 6:25 | 303.2677083 | Deploying | 2 | 630 | 0.38 | 0 | 0.36 | 8.35 | 0 | 0 | 0 | 18 | 20 | 19 | 20 |
| 10/29/2016 6:26 | 303.2680556 | Deploying | 2 | 660 | 0.37 | 0 | 0.38 | 8.35 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 6:26 | 303.2684028 | Deploying | 2 | 690 | 0.38 | 0 | 0.4 | 8.32 | 0 | 0 | 0 | 14 | 16 | 16 | 16 |
| 10/29/2016 6:27 | 303.2687500 | Deploying | 2 | 720 | 0.38 | 0 | 0.42 | 8.33 | 0 | 0 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 6:27 | 303.2690972 | Deploying | 2 | 750 | 0.38 | 0 | 0.43 | 8.38 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/29/2016 6:27 | 303.2693750 | Winding down 1852 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:28 | 303.2694444 | Deploying | 2 | 780 | 0.39 | 0.07 | 0.45 | 8.35 | 2282 | 1639 | 0 | 16 | 19 | 17 | 19 |
| 10/29/2016 6:28 | 303.2697917 | Deploying | 2 | 810 | 0.43 | 0.07 | 0.47 | 8.33 | 0 | 0 | 0 | 15 | 18 | 16 | 18 |
| 10/29/2016 6:29 | 303.2701389 | Deploying | 2 | 840 | 0.44 | 0.07 | 0.48 | 8.32 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:29 | 303.2704282 | Winding down 1666 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:29 | 303.2704861 | Deploying | 2 | 870 | 0.44 | 0.13 | 0.5 | 8.33 | 2087 | 1577 | 0 | 16 | 15 | 16 | 15 |
| 10/29/2016 6:30 | 303.2708333 | Deploying | 2 | 900 | 0.5 | 0.13 | 0.52 | 8.37 | 0 | 0 | 0 | 17 | 16 | 16 | 16 |
| 10/29/2016 6:30 | 303.2711806 | Deploying | 2 | 930 | 0.49 | 0.13 | 0.53 | 8.37 | 0 | 0 | 0 | 14 | 18 | 16 | 18 |
| 10/29/2016 6:30 | 303.2714005 | Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:31 | 303.2715278 | Deploying | 2 | 960 | 0.51 | 0.19 | 0.55 | 8.35 | 2118 | 1582 | 0 | 16 | 18 | 17 | 18 |
| 10/29/2016 6:31 | 303.2718750 | Deploying | 2 | 990 | 0.55 | 0.19 | 0.57 | 8.35 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/29/2016 6:32 | 303.2722222 | Deploying | 2 | 1020 | 0.56 | 0.19 | 0.59 | 8.33 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 6:32 | 303.2725694 | Deploying | 2 | 1050 | 0.56 | 0.19 | 0.6 | 8.37 | 0 | 0 | 0 | 17 | 19 | 17 | 19 |
| 10/29/2016 6:33 | 303.2729167 | Deploying | 2 | 1080 | 0.55 | 0.19 | 0.62 | 8.35 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/29/2016 6:33 | 303.2729398 | Winding down 1840 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:33 | 303.2732639 | Deploying | 2 | 1110 | 0.61 | 0.26 | 0.64 | 8.33 | 2169 | 1584 | 0 | 16 | 17 | 17 | 17 |
| 10/29/2016 6:34 | 303.2736111 | Deploying | 2 | 1140 | 0.62 | 0.26 | 0.65 | 8.3 | 0 | 0 | 0 | 18 | 17 | 17 | 17 |
| 10/29/2016 6:34 | 303.2739583 | Deploying | 2 | 1170 | 0.62 | 0.26 | 0.67 | 8.33 | 0 | 0 | 0 | 16 | 18 | 17 | 18 |
| 10/29/2016 6:34 | 303.2740162 | Winding down 1408 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:35 | 303.2743056 | Deploying | 2 | 1200 | 0.65 | 0.31 | 0.69 | 8.37 | 2260 | 1630 | 0 | 17 | 16 | 16 | 16 |
| 10/29/2016 6:35 | 303.2746528 | Deploying | 2 | 1230 | 0.68 | 0.31 | 0.7 | 8.37 | 0 | 0 | 0 | 16 | 19 | 18 | 19 |
| 10/29/2016 6:36 | 303.2750000 | Deploying | 2 | 1260 | 0.67 | 0.31 | 0.72 | 8.33 | 0 | 0 | 0 | 15 | 18 | 17 | 18 |
| 10/29/2016 6:36 | 303.2753009 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:36 | 303.2753472 | Deploying | 2 | 1290 | 0.68 | 0.38 | 0.74 | 8.35 | 2175 | 1610 | 0 | 17 | 19 | 18 | 19 |
| 10/29/2016 6:37 | 303.2756944 | Deploying | 2 | 1320 | 0.73 | 0.38 | 0.76 | 8.32 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/29/2016 6:37 | 303.2760417 | Deploying | 2 | 1350 | 0.74 | 0.38 | 0.77 | 8.35 | 0 | 0 | 0 | 17 | 16 | 17 | 16 |
| 10/29/2016 6:38 | 303.2763889 | Deploying | 2 | 1380 | 0.75 | 0.38 | 0.79 | 8.3 | 0 | 0 | 0 | 18 | 16 | 17 | 16 |
| 10/29/2016 6:38 | 303.2767361 | Deploying | 2 | 1410 | 0.76 | 0.38 | 0.81 | 8.35 | 0 | 0 | 0 | 16 | 17 | 17 | 17 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:38 | 303.2769792 | Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:39 | 303.2770833 | Deploying | 2 | 1440 | 0.77 | 0.43 | 0.82 | 8.32 | 2183 | 1577 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 6:39 | 303.2774306 | Deploying | 2 | 1470 | 0.82 | 0.43 | 0.84 | 8.35 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 6:40 | 303.2777778 | Deploying | 2 | 1500 | 0.81 | 0.43 | 0.86 | 8.35 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 6:40 | 303.2780556 | Winding down 1402 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:40 | 303.2781250 | Deploying | 2 | 1530 | 0.83 | 0.49 | 0.87 | 8.33 | 2239 | 1609 | 0 | 16 | 19 | 17 | 19 |
| 10/29/2016 6:41 | 303.2784722 | Deploying | 2 | 1560 | 0.89 | 0.49 | 0.89 | 8.33 | 0 | 0 | 0 | 15 | 16 | 17 | 16 |
| 10/29/2016 6:41 | 303.2788194 | Deploying | 2 | 1590 | 0.89 | 0.49 | 0.91 | 8.3 | 0 | 0 | 0 | 15 | 17 | 17 | 17 |
| 10/29/2016 6:42 | 303.2791667 | Deploying | 2 | 1620 | 0.89 | 0.49 | 0.93 | 8.33 | 0 | 0 | 0 | 16 | 17 | 17 | 17 |
| 10/29/2016 6:42 | 303.2795139 | Deploying | 2 | 1650 | 0.89 | 0.49 | 0.94 | 8.33 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/29/2016 6:42 | 303.2797569 | Winding down 1485 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:43 | 303.2798611 | Deploying | 2 | 1680 | 0.91 | 0.54 | 0.96 | 8.33 | 2020 | 1565 | 0 | 18 | 17 | 17 | 17 |
| 10/29/2016 6:43 | 303.2802083 | Deploying | 2 | 1710 | 0.95 | 0.54 | 0.98 | 8.35 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:44 | 303.2805556 | Deploying | 2 | 1740 | 0.94 | 0.54 | 0.99 | 8.32 | 0 | 0 | 0 | 18 | 17 | 17 | 17 |
| 10/29/2016 6:44 | 303.2807639 | Winding down 1642 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:44 | 303.2809028 | Deploying | 2 | 1770 | 0.97 | 0.61 | 1.01 | 8.32 | 2140 | 1563 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:45 | 303.2812500 | Deploying | 2 | 1800 | 1.02 | 0.61 | 1.03 | 8.33 | 0 | 0 | 0 | 16 | 19 | 17 | 19 |
| 10/29/2016 6:45 | 303.2815972 | Deploying | 2 | 1830 | 1.01 | 0.61 | 1.04 | 8.33 | 0 | 0 | 0 | 15 | 15 | 16 | 15 |
| 10/29/2016 6:46 | 303.2819444 | Deploying | 2 | 1860 | 1.01 | 0.61 | 1.06 | 8.33 | 0 | 0 | 0 | 15 | 18 | 17 | 18 |
| 10/29/2016 6:46 | 303.2822222 | Winding down 1552 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:46 | 303.2822917 | Deploying | 2 | 1890 | 1.03 | 0.66 | 1.08 | 8.32 | 2221 | 1596 | 0 | 17 | 16 | 16 | 16 |
| 10/29/2016 6:47 | 303.2826389 | Deploying | 2 | 1920 | 1.09 | 0.66 | 1.1 | 8.32 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:47 | 303.2829861 | Deploying | 2 | 1950 | 1.09 | 0.66 | 1.11 | 8.35 | 0 | 0 | 0 | 15 | 15 | 16 | 15 |
| 10/29/2016 6:48 | 303.2833333 | Deploying | 2 | 1980 | 1.08 | 0.66 | 1.13 | 8.37 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:48 | 303.2836806 | Deploying | 2 | 2010 | 1.09 | 0.66 | 1.15 | 8.32 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:48 | 303.2836921 | Winding down 1501 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:49 | 303.2840278 | Deploying | 2 | 2040 | 1.14 | 0.72 | 1.16 | 8.32 | 2161 | 1591 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:49 | 303.2843750 | Deploying | 2 | 2070 | 1.15 | 0.72 | 1.18 | 8.32 | 0 | 0 | 0 | 16 | 18 | 16 | 18 |
| 10/29/2016 6:50 | 303.2847222 | Deploying | 2 | 2100 | 1.15 | 0.72 | 1.2 | 8.3 | 0 | 0 | 0 | 16 | 18 | 17 | 18 |
| 10/29/2016 6:50 | 303.2849653 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:50 | 303.2850694 | Deploying | 2 | 2130 | 1.16 | 0.79 | 1.21 | 8.32 | 2141 | 1579 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:51 | 303.2854167 | Deploying | 2 | 2160 | 1.22 | 0.79 | 1.23 | 8.33 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:51 | 303.2857639 | Deploying | 2 | 2190 | 1.22 | 0.79 | 1.25 | 8.35 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:52 | 303.2861111 | Deploying | 2 | 2220 | 1.22 | 0.79 | 1.27 | 8.32 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:52 | 303.2864583 | Deploying | 2 | 2250 | 1.22 | 0.79 | 1.28 | 8.3 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:52 | 303.2864699 | Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:53 | 303.2868056 | Deploying | 2 | 2280 | 1.28 | 0.85 | 1.3 | 8.32 | 2058 | 1567 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:53 | 303.2871528 | Deploying | 2 | 2310 | 1.28 | 0.85 | 1.32 | 8.33 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 6:54 | 303.2875000 | Deploying | 2 | 2340 | 1.29 | 0.85 | 1.33 | 8.33 | 0 | 0 | 0 | 16 | 18 | 17 | 18 |
| 10/29/2016 6:54 | 303.2876736 | Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:54 | 303.2878472 | Deploying | 2 | 2370 | 1.31 | 0.9 | 1.35 | 8.32 | 2068 | 1560 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:55 | 303.2881944 | Deploying | 2 | 2400 | 1.35 | 0.9 | 1.37 | 8.3 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:55 | 303.2885417 | Deploying | 2 | 2430 | 1.35 | 0.9 | 1.38 | 8.33 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:56 | 303.2888889 | Deploying | 2 | 2460 | 1.35 | 0.9 | 1.4 | 8.33 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:56 | 303.2891898 | Winding down 1830 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:56 | 303.2892361 | Deploying | 2 | 2490 | 1.36 | 0.97 | 1.42 | 8.32 | 2249 | 1599 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:57 | 303.2895833 | Deploying | 2 | 2520 | 1.43 | 0.97 | 1.44 | 8.3 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:57 | 303.2899306 | Deploying | 2 | 2550 | 1.44 | 0.97 | 1.45 | 8.32 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 6:58 | 303.2902778 | Deploying | 2 | 2580 | 1.43 | 0.97 | 1.47 | 8.32 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:58 | 303.2906250 | Deploying | 2 | 2610 | 1.43 | 0.97 | 1.49 | 8.33 | 0 | 0 | 0 | 16 | 18 | 16 | 18 |
| 10/29/2016 6:58 | 303.2906829 | Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:59 | 303.2909722 | Deploying | 2 | 2640 | 1.48 | 1.04 | 1.5 | 8.35 | 2223 | 1619 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 6:59 | 303.2913194 | Deploying | 2 | 2670 | 1.5 | 1.04 | 1.52 | 8.33 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 7:00 | 303.2916667 | Deploying | 2 | 2700 | 1.49 | 1.04 | 1.54 | 8.32 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |

| Date/Time | Value | Status | Col | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:00 | 303.2919792 | Winding down 1470 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:00 | 303.2920139 | Deploying | 2 | 2730 | 1.51 | 1.09 | 1.55 | 8.3 | 2153 | 1607 | 0 | 15 | 16 | 16 | 16 |
| 10/29/2016 7:01 | 303.2923611 | Deploying | 2 | 2760 | 1.56 | 1.09 | 1.57 | 8.32 | 0 | 0 | 0 | 17 | 16 | 15 | 16 |
| 10/29/2016 7:01 | 303.2927083 | Deploying | 2 | 2790 | 1.56 | 1.09 | 1.59 | 8.3 | 0 | 0 | 0 | 16 | 15 | 16 | 15 |
| 10/29/2016 7:02 | 303.2930556 | Deploying | 2 | 2820 | 1.56 | 1.09 | 1.61 | 8.35 | 0 | 0 | 0 | 14 | 14 | 16 | 14 |
| 10/29/2016 7:02 | 303.2934028 | Deploying | 2 | 2850 | 1.56 | 1.09 | 1.62 | 8.29 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 7:02 | 303.2934144 | Winding down 1526 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:03 | 303.2937500 | Deploying | 2 | 2880 | 1.61 | 1.15 | 1.64 | 8.35 | 2239 | 1592 | 0 | 15 | 15 | 16 | 15 |
| 10/29/2016 7:03 | 303.2940972 | Deploying | 2 | 2910 | 1.62 | 1.15 | 1.66 | 8.32 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:04 | 303.2944444 | Deploying | 2 | 2940 | 1.63 | 1.15 | 1.67 | 8.3 | 0 | 0 | 0 | 18 | 16 | 15 | 16 |
| 10/29/2016 7:04 | 303.2947917 | Deploying | 2 | 2970 | 1.62 | 1.15 | 1.69 | 8.3 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:04 | 303.2948148 | Winding down 1840 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:05 | 303.2951389 | Deploying | 2 | 3000 | 1.7 | 1.22 | 1.71 | 8.3 | 2173 | 1598 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 7:05 | 303.2954861 | Deploying | 2 | 3030 | 1.72 | 1.22 | 1.72 | 8.29 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:06 | 303.2958333 | Deploying | 2 | 3060 | 1.72 | 1.22 | 1.74 | 8.32 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 7:06 | 303.2961806 | Deploying | 2 | 3090 | 1.71 | 1.22 | 1.76 | 8.3 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/29/2016 7:06 | 303.2965046 | Winding down 1659 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:07 | 303.2965278 | Deploying | 2 | 3120 | 1.71 | 1.28 | 1.78 | 8.25 | 2255 | 1575 | 0 | 15 | 15 | 16 | 15 |
| 10/29/2016 7:07 | 303.2968750 | Deploying | 2 | 3150 | 1.78 | 1.28 | 1.79 | 8.3 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:08 | 303.2972222 | Deploying | 2 | 3180 | 1.79 | 1.28 | 1.81 | 8.3 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:08 | 303.2975694 | Deploying | 2 | 3210 | 1.78 | 1.28 | 1.83 | 8.29 | 0 | 0 | 0 | 16 | 16 | 16 | 16 |
| 10/29/2016 7:09 | 303.2979167 | Deploying | 2 | 3240 | 1.78 | 1.28 | 1.84 | 8.3 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:09 | 303.2979514 | Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:09 | 303.2982639 | Deploying | 2 | 3270 | 1.85 | 1.34 | 1.86 | 8.33 | 2054 | 1551 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:10 | 303.2986111 | Deploying | 2 | 3300 | 1.86 | 1.34 | 1.88 | 8.3 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:10 | 303.2989583 | Deploying | 2 | 3330 | 1.85 | 1.34 | 1.89 | 8.32 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:11 | 303.2993056 | Deploying | 2 | 3360 | 1.85 | 1.34 | 1.91 | 8.32 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:11 | 303.2994097 | Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:11 | 303.2996528 | Deploying | 2 | 3390 | 1.9 | 1.41 | 1.93 | 8.33 | 2263 | 1595 | 0 | 17 | 16 | 16 | 16 |
| 10/29/2016 7:12 | 303.3000000 | Deploying | 2 | 3420 | 1.93 | 1.41 | 1.95 | 8.3 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:12 | 303.3003472 | Deploying | 2 | 3450 | 1.93 | 1.41 | 1.96 | 8.3 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/29/2016 7:13 | 303.3006944 | Deploying | 2 | 3480 | 1.92 | 1.41 | 1.98 | 8.3 | 0 | 0 | 0 | 14 | 17 | 15 | 17 |
| 10/29/2016 7:13 | 303.3007523 | Winding down 1533 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:13 | 303.3010417 | Deploying | 2 | 3510 | 1.98 | 1.47 | 2 | 8.33 | 2214 | 1594 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:14 | 303.3013889 | Deploying | 2 | 3540 | 1.99 | 1.47 | 2.01 | 8.29 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:14 | 303.3017361 | Deploying | 2 | 3570 | 2 | 1.47 | 2.03 | 8.3 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:15 | 303.3020833 | Deploying | 2 | 3600 | 1.99 | 1.47 | 2.05 | 8.32 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 7:15 | 303.3021181 | Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:15 | 303.3024306 | Deploying | 2 | 3630 | 2.04 | 1.53 | 2.06 | 8.33 | 2213 | 1602 | 0 | 15 | 15 | 16 | 15 |
| 10/29/2016 7:16 | 303.3027778 | Deploying | 2 | 3660 | 2.06 | 1.53 | 2.08 | 8.32 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 7:16 | 303.3031250 | Deploying | 2 | 3690 | 2.06 | 1.53 | 2.1 | 8.32 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 7:17 | 303.3034722 | Deploying | 2 | 3720 | 2.06 | 1.53 | 2.12 | 8.33 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:17 | 303.3035764 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:17 | 303.3038194 | Deploying | 2 | 3750 | 2.1 | 1.59 | 2.13 | 8.32 | 2011 | 1552 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:18 | 303.3041667 | Deploying | 2 | 3780 | 2.14 | 1.59 | 2.15 | 8.32 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/29/2016 7:18 | 303.3045139 | Deploying | 2 | 3810 | 2.12 | 1.59 | 2.17 | 8.27 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:18 | 303.3048032 | Winding down 1366 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:19 | 303.3048611 | Deploying | 2 | 3840 | 2.14 | 1.64 | 2.18 | 8.35 | 2006 | 1544 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:19 | 303.3052083 | Deploying | 2 | 3870 | 2.19 | 1.64 | 2.2 | 8.3 | 0 | 0 | 0 | 17 | 16 | 15 | 16 |
| 10/29/2016 7:20 | 303.3055556 | Deploying | 2 | 3900 | 2.19 | 1.64 | 2.22 | 8.33 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/29/2016 7:20 | 303.3059028 | Deploying | 2 | 3930 | 2.19 | 1.64 | 2.23 | 8.32 | 0 | 0 | 0 | 15 | 14 | 15 | 14 |
| 10/29/2016 7:21 | 303.3062500 | Deploying | 2 | 3960 | 2.19 | 1.64 | 2.25 | 8.32 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:21 | 303.3062847 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:21 | 303.3065972 | Deploying | 2 | 3990 | 2.25 | 1.7 | 2.27 | 8.32 | 2207 | 1594 | 0 | 15 | 15 | 15 | 15 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:22 | 303.3069444 | Deploying | 2 | 4020 | 2.25 | 1.7 | 2.29 | 8.32 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 7:22 | 303.3072917 | Deploying | 2 | 4050 | 2.26 | 1.7 | 2.3 | 8.33 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:23 | 303.3076389 | Deploying | 2 | 4080 | 2.27 | 1.7 | 2.32 | 8.3 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:23 | 303.3078241 | Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:23 | 303.3079861 | Deploying | 2 | 4110 | 2.3 | 1.76 | 2.34 | 8.32 | 2031 | 1557 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:24 | 303.3083333 | Deploying | 2 | 4140 | 2.34 | 1.76 | 2.35 | 8.32 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:24 | 303.3086806 | Deploying | 2 | 4170 | 2.34 | 1.76 | 2.37 | 8.3 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:25 | 303.3090278 | Deploying | 2 | 4200 | 2.34 | 1.76 | 2.39 | 8.32 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:25 | 303.3093750 | Deploying | 2 | 4230 | 2.34 | 1.76 | 2.4 | 8.3 | 0 | 0 | 0 | 16 | 15 | 14 | 15 |
| 10/29/2016 7:25 | 303.3093750 | Winding down 1662 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:26 | 303.3097222 | Deploying | 2 | 4260 | 2.41 | 1.83 | 2.42 | 8.3 | 2048 | 1572 | 0 | 15 | 14 | 15 | 14 |
| 10/29/2016 7:26 | 303.3100694 | Deploying | 2 | 4290 | 2.4 | 1.83 | 2.44 | 8.3 | 0 | 0 | 0 | 17 | 16 | 15 | 16 |
| 10/29/2016 7:27 | 303.3104167 | Deploying | 2 | 4320 | 2.4 | 1.83 | 2.46 | 8.32 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:27 | 303.3106019 | Winding down 1714 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:27 | 303.3107639 | Deploying | 2 | 4350 | 2.44 | 1.89 | 2.47 | 8.33 | 2122 | 1562 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 7:28 | 303.3111111 | Deploying | 2 | 4380 | 2.49 | 1.89 | 2.49 | 8.32 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 7:28 | 303.3114583 | Deploying | 2 | 4410 | 2.48 | 1.89 | 2.51 | 8.32 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:29 | 303.3118056 | Deploying | 2 | 4440 | 2.49 | 1.89 | 2.52 | 8.3 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:29 | 303.3121528 | Deploying | 2 | 4470 | 2.48 | 1.89 | 2.54 | 8.29 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:29 | 303.3122106 | Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:30 | 303.3125000 | Deploying | 2 | 4500 | 2.54 | 1.95 | 2.56 | 8.3 | 2282 | 1587 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:30 | 303.3128472 | Deploying | 2 | 4530 | 2.55 | 1.95 | 2.57 | 8.3 | 0 | 0 | 0 | 16 | 14 | 14 | 14 |
| 10/29/2016 7:31 | 303.3131944 | Deploying | 2 | 4560 | 2.55 | 1.95 | 2.59 | 8.29 | 0 | 0 | 0 | 14 | 15 | 15 | 15 |
| 10/29/2016 7:31 | 303.3135417 | Deploying | 2 | 4590 | 2.56 | 1.95 | 2.61 | 8.32 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:31 | 303.3138079 | Winding down 1613 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:32 | 303.3138889 | Deploying | 2 | 4620 | 2.57 | 2.02 | 2.63 | 8.32 | 1983 | 1543 | 0 | 17 | 16 | 15 | 16 |
| 10/29/2016 7:32 | 303.3142361 | Deploying | 2 | 4650 | 2.61 | 2.02 | 2.64 | 8.35 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:33 | 303.3145833 | Deploying | 2 | 4680 | 2.62 | 2.02 | 2.66 | 8.32 | 0 | 0 | 0 | 14 | 14 | 15 | 14 |
| 10/29/2016 7:33 | 303.3149306 | Deploying | 2 | 4710 | 2.62 | 2.02 | 2.68 | 8.3 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:33 | 303.3149537 | Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:34 | 303.3152778 | Deploying | 2 | 4740 | 2.67 | 2.07 | 2.69 | 8.3 | 2059 | 1581 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:34 | 303.3156250 | Deploying | 2 | 4770 | 2.68 | 2.07 | 2.71 | 8.29 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 7:35 | 303.3159722 | Deploying | 2 | 4800 | 2.68 | 2.07 | 2.73 | 8.32 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 7:35 | 303.3163194 | Deploying | 2 | 4830 | 2.69 | 2.07 | 2.74 | 8.29 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:35 | 303.3164583 | Winding down 1607 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:36 | 303.3166667 | Deploying | 2 | 4860 | 2.72 | 2.13 | 2.76 | 8.29 | 2221 | 1613 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:36 | 303.3170139 | Deploying | 2 | 4890 | 2.75 | 2.13 | 2.78 | 8.32 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 7:37 | 303.3173611 | Deploying | 2 | 4920 | 2.74 | 2.13 | 2.8 | 8.3 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 7:37 | 303.3175347 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:37 | 303.3177083 | Deploying | 2 | 4950 | 2.78 | 2.19 | 2.81 | 8.29 | 2079 | 1569 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:38 | 303.3180556 | Deploying | 2 | 4980 | 2.81 | 2.19 | 2.83 | 8.29 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 7:38 | 303.3184028 | Deploying | 2 | 5010 | 2.82 | 2.19 | 2.85 | 8.32 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 7:39 | 303.3187500 | Deploying | 2 | 5040 | 2.82 | 2.19 | 2.86 | 8.3 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:39 | 303.3190972 | Deploying | 2 | 5070 | 2.82 | 2.19 | 2.88 | 8.3 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:39 | 303.3191204 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:40 | 303.3194444 | Deploying | 2 | 5100 | 2.87 | 2.25 | 2.9 | 8.3 | 2245 | 1631 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:40 | 303.3197917 | Deploying | 2 | 5130 | 2.88 | 2.25 | 2.91 | 8.29 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 7:41 | 303.3201389 | Deploying | 2 | 5160 | 2.89 | 2.25 | 2.93 | 8.32 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:41 | 303.3204745 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:41 | 303.3204861 | Deploying | 2 | 5190 | 2.89 | 2.31 | 2.95 | 8.29 | 2210 | 1592 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:42 | 303.3208333 | Deploying | 2 | 5220 | 2.95 | 2.31 | 2.97 | 8.3 | 2210 | 97 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:42 | 303.3211806 | Deploying | 2 | 5250 | 2.94 | 2.31 | 2.98 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:43 | 303.3215278 | Deploying | 2 | 5280 | 2.96 | 2.31 | 3 | 8.27 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:43 | 303.3218287 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:43 | 303.3218750 Deploying | 2 | 5310 | 2.96 | 2.37 | 3.02 | 8.32 | 2268 | 1614 | 0 | 14 | 15 | 15 | 15 |
| 10/29/2016 7:44 | 303.3222222 Deploying | 2 | 5340 | 3.02 | 2.37 | 3.03 | 8.3 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:44 | 303.3225694 Deploying | 2 | 5370 | 3.02 | 2.37 | 3.05 | 8.27 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:45 | 303.3229167 Deploying | 2 | 5400 | 3.02 | 2.37 | 3.07 | 8.3 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:45 | 303.3230903 Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:45 | 303.3232639 Deploying | 2 | 5430 | 3.05 | 2.43 | 3.08 | 8.3 | 2264 | 1607 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 7:46 | 303.3236111 Deploying | 2 | 5460 | 3.07 | 2.43 | 3.1 | 8.27 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:46 | 303.3239583 Deploying | 2 | 5490 | 3.08 | 2.43 | 3.12 | 8.29 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:47 | 303.3243056 Deploying | 2 | 5520 | 3.07 | 2.43 | 3.14 | 8.3 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:47 | 303.3244213 Winding down 1854 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:47 | 303.3246528 Deploying | 2 | 5550 | 3.13 | 2.5 | 3.15 | 8.32 | 2029 | 1579 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:48 | 303.3250000 Deploying | 2 | 5580 | 3.16 | 2.5 | 3.17 | 8.32 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:48 | 303.3253472 Deploying | 2 | 5610 | 3.15 | 2.5 | 3.19 | 8.27 | 0 | 0 | 0 | 14 | 16 | 15 | 16 |
| 10/29/2016 7:49 | 303.3256944 Deploying | 2 | 5640 | 3.16 | 2.5 | 3.2 | 8.32 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 7:49 | 303.3259491 Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:49 | 303.3260417 Deploying | 2 | 5670 | 3.17 | 2.56 | 3.22 | 8.29 | 2041 | 1543 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 7:50 | 303.3263889 Deploying | 2 | 5700 | 3.22 | 2.56 | 3.24 | 8.27 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 7:50 | 303.3267361 Deploying | 2 | 5730 | 3.22 | 2.56 | 3.25 | 8.27 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 7:51 | 303.3270833 Deploying | 2 | 5760 | 3.23 | 2.56 | 3.27 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 7:51 | 303.3274306 Deploying | 2 | 5790 | 3.22 | 2.56 | 3.29 | 8.25 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:51 | 303.3274884 Winding down 1783 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:52 | 303.3277778 Deploying | 2 | 5820 | 3.28 | 2.62 | 3.31 | 8.3 | 2250 | 1630 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:52 | 303.3281250 Deploying | 2 | 5850 | 3.29 | 2.62 | 3.32 | 8.32 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:53 | 303.3284722 Deploying | 2 | 5880 | 3.29 | 2.62 | 3.34 | 8.3 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:53 | 303.3288194 Deploying | 2 | 5910 | 3.29 | 2.62 | 3.36 | 8.29 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:53 | 303.3288194 Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:54 | 303.3291667 Deploying | 2 | 5940 | 3.36 | 2.68 | 3.37 | 8.29 | 2053 | 1562 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:54 | 303.3295139 Deploying | 2 | 5970 | 3.35 | 2.68 | 3.39 | 8.3 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:55 | 303.3298611 Deploying | 2 | 6000 | 3.36 | 2.68 | 3.41 | 8.29 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:55 | 303.3299884 Winding down 1643 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:55 | 303.3302083 Deploying | 2 | 6030 | 3.39 | 2.75 | 3.42 | 8.3 | 2178 | 1598 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:56 | 303.3305556 Deploying | 2 | 6060 | 3.43 | 2.75 | 3.44 | 8.3 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:56 | 303.3309028 Deploying | 2 | 6090 | 3.43 | 2.75 | 3.46 | 8.29 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 7:57 | 303.3312500 Deploying | 2 | 6120 | 3.44 | 2.75 | 3.48 | 8.3 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 7:57 | 303.3315972 Deploying | 2 | 6150 | 3.43 | 2.75 | 3.49 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 7:57 | 303.3317245 Winding down 1718 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:58 | 303.3319444 Deploying | 2 | 6180 | 3.47 | 2.81 | 3.51 | 8.3 | 2281 | 1625 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 7:58 | 303.3322917 Deploying | 2 | 6210 | 3.5 | 2.81 | 3.53 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 7:59 | 303.3326389 Deploying | 2 | 6240 | 3.51 | 2.81 | 3.54 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:59 | 303.3329861 Deploying | 2 | 6270 | 3.5 | 2.81 | 3.56 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 7:59 | 303.3329977 Winding down 1651 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:00 | 303.3333333 Deploying | 2 | 6300 | 3.57 | 2.87 | 3.58 | 8.29 | 2198 | 1579 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:00 | 303.3336806 Deploying | 2 | 6330 | 3.57 | 2.87 | 3.59 | 8.25 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:01 | 303.3340278 Deploying | 2 | 6360 | 3.57 | 2.87 | 3.61 | 8.29 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 8:01 | 303.3343750 Deploying | 2 | 6390 | 3.57 | 2.87 | 3.63 | 8.3 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:01 | 303.3345486 Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:02 | 303.3347222 Deploying | 2 | 6420 | 3.6 | 2.94 | 3.65 | 8.29 | 2252 | 1584 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:02 | 303.3350694 Deploying | 2 | 6450 | 3.65 | 2.94 | 3.66 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:03 | 303.3354167 Deploying | 2 | 6480 | 3.64 | 2.94 | 3.68 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:03 | 303.3357639 Deploying | 2 | 6510 | 3.64 | 2.94 | 3.7 | 8.27 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 8:03 | 303.3359606 Winding down 1753 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:04 | 303.3361111 Deploying | 2 | 6540 | 3.67 | 3 | 3.71 | 8.29 | 2084 | 1576 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 8:04 | 303.3364583 Deploying | 2 | 6570 | 3.71 | 3 | 3.73 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:05 | 303.3368056 Deploying | 2 | 6600 | 3.71 | 3 | 3.75 | 8.3 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |

| Date/Time | Value | Status | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:05 | 303.3371528 | Deploying | 2 | 6630 | 3.71 | 3 | 3.76 | 8.27 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:05 | 303.3372106 | Winding down 1483 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:06 | 303.3375000 | Deploying | 2 | 6660 | 3.77 | 3.06 | 3.78 | 8.29 | 2189 | 1589 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:06 | 303.3378472 | Deploying | 2 | 6690 | 3.78 | 3.06 | 3.8 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:07 | 303.3381944 | Deploying | 2 | 6720 | 3.77 | 3.06 | 3.82 | 8.27 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:07 | 303.3385417 | Deploying | 2 | 6750 | 3.77 | 3.06 | 3.83 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:07 | 303.3385648 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:08 | 303.3388889 | Deploying | 2 | 6780 | 3.83 | 3.12 | 3.85 | 8.29 | 2180 | 1602 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:08 | 303.3392361 | Deploying | 2 | 6810 | 3.84 | 3.12 | 3.87 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:09 | 303.3395833 | Deploying | 2 | 6840 | 3.84 | 3.12 | 3.88 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:09 | 303.3398958 | Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:09 | 303.3399306 | Deploying | 2 | 6870 | 3.84 | 3.18 | 3.9 | 8.25 | 2271 | 1604 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:10 | 303.3402778 | Deploying | 2 | 6900 | 3.91 | 3.18 | 3.92 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:10 | 303.3406250 | Deploying | 2 | 6930 | 3.91 | 3.18 | 3.93 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:11 | 303.3409722 | Deploying | 2 | 6960 | 3.91 | 3.18 | 3.95 | 8.27 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 8:11 | 303.3412963 | Winding down 1409 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:11 | 303.3413194 | Deploying | 2 | 6990 | 3.91 | 3.23 | 3.97 | 8.22 | 2274 | 1599 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:12 | 303.3416667 | Deploying | 2 | 7020 | 3.97 | 3.23 | 3.99 | 8.27 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:12 | 303.3420139 | Deploying | 2 | 7050 | 3.98 | 3.23 | 4 | 8.3 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:13 | 303.3423611 | Deploying | 2 | 7080 | 3.97 | 3.23 | 4.02 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:13 | 303.3426273 | Winding down 1363 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:13 | 303.3427083 | Deploying | 2 | 7110 | 3.99 | 3.29 | 4.04 | 8.29 | 2258 | 1625 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:14 | 303.3430556 | Deploying | 2 | 7140 | 4.02 | 3.29 | 4.05 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:14 | 303.3434028 | Deploying | 2 | 7170 | 4.02 | 3.29 | 4.07 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:14 | 303.3437384 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:15 | 303.3437500 | Deploying | 2 | 7200 | 4.03 | 3.34 | 4.09 | 8.27 | 2265 | 1594 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:15 | 303.3440972 | Deploying | 2 | 7230 | 4.09 | 3.34 | 4.1 | 8.29 | 2265 | 114 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:16 | 303.3444444 | Deploying | 2 | 7260 | 4.09 | 3.34 | 4.12 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:16 | 303.3447917 | Deploying | 2 | 7290 | 4.1 | 3.34 | 4.14 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:17 | 303.3451389 | Deploying | 2 | 7320 | 4.09 | 3.34 | 4.16 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:17 | 303.3451505 | Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:17 | 303.3454861 | Deploying | 2 | 7350 | 4.16 | 3.41 | 4.17 | 8.3 | 2041 | 1563 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:18 | 303.3458333 | Deploying | 2 | 7380 | 4.16 | 3.41 | 4.19 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:18 | 303.3461806 | Deploying | 2 | 7410 | 4.15 | 3.41 | 4.21 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:18 | 303.3463657 | Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:19 | 303.3465278 | Deploying | 2 | 7440 | 4.19 | 3.47 | 4.22 | 8.25 | 2228 | 1612 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:19 | 303.3468750 | Deploying | 2 | 7470 | 4.23 | 3.47 | 4.24 | 8.29 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:20 | 303.3472222 | Deploying | 2 | 7500 | 4.23 | 3.47 | 4.26 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:20 | 303.3475694 | Deploying | 2 | 7530 | 4.23 | 3.47 | 4.27 | 8.27 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:20 | 303.3478588 | Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:21 | 303.3479167 | Deploying | 2 | 7560 | 4.23 | 3.53 | 4.29 | 8.29 | 2032 | 1549 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:21 | 303.3482639 | Deploying | 2 | 7590 | 4.3 | 3.53 | 4.31 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:22 | 303.3486111 | Deploying | 2 | 7620 | 4.3 | 3.53 | 4.33 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:22 | 303.3489583 | Deploying | 2 | 7650 | 4.3 | 3.53 | 4.34 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:22 | 303.3492130 | Winding down 1674 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:23 | 303.3493056 | Deploying | 2 | 7680 | 4.31 | 3.59 | 4.36 | 8.29 | 2081 | 1574 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:23 | 303.3496528 | Deploying | 2 | 7710 | 4.36 | 3.59 | 4.38 | 8.29 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 8:24 | 303.3500000 | Deploying | 2 | 7740 | 4.37 | 3.59 | 4.39 | 8.27 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:24 | 303.3503472 | Deploying | 2 | 7770 | 4.37 | 3.59 | 4.41 | 8.25 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 8:25 | 303.3506944 | Deploying | 2 | 7800 | 4.37 | 3.59 | 4.43 | 8.25 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:25 | 303.3508102 | Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:25 | 303.3510417 | Deploying | 2 | 7830 | 4.41 | 3.65 | 4.44 | 8.27 | 2183 | 1560 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:26 | 303.3513889 | Deploying | 2 | 7860 | 4.44 | 3.65 | 4.46 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:26 | 303.3517361 | Deploying | 2 | 7890 | 4.43 | 3.65 | 4.48 | 8.27 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |

| Date/Time | Value | Status | Col | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:26 | 303.3520718 | Winding down 1423 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:27 | 303.3520833 | Deploying | 2 | 7920 | 4.44 | 3.7 | 4.5 | 8.24 | 2188 | 1573 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:27 | 303.3524306 | Deploying | 2 | 7950 | 4.49 | 3.7 | 4.51 | 8.3 | 2188 | 85 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:28 | 303.3527778 | Deploying | 2 | 7980 | 4.5 | 3.7 | 4.53 | 8.3 | 0 | 0 | 0 | 14 | 13 | 14 | 13 |
| 10/29/2016 8:28 | 303.3531250 | Deploying | 2 | 8010 | 4.49 | 3.7 | 4.55 | 8.27 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:28 | 303.3533102 | Winding down 1514 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:29 | 303.3534722 | Deploying | 2 | 8040 | 4.52 | 3.76 | 4.56 | 8.3 | 2268 | 1600 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:29 | 303.3538194 | Deploying | 2 | 8070 | 4.56 | 3.76 | 4.58 | 8.27 | 0 | 0 | 0 | 15 | 14 | 14 | 14 |
| 10/29/2016 8:30 | 303.3541667 | Deploying | 2 | 8100 | 4.56 | 3.76 | 4.6 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:30 | 303.3545139 | Deploying | 2 | 8130 | 4.56 | 3.76 | 4.61 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:30 | 303.3546412 | Winding down 1568 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:31 | 303.3548611 | Deploying | 2 | 8160 | 4.59 | 3.82 | 4.63 | 8.27 | 2222 | 1594 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:31 | 303.3552083 | Deploying | 2 | 8190 | 4.63 | 3.82 | 4.65 | 8.27 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:32 | 303.3555556 | Deploying | 2 | 8220 | 4.62 | 3.82 | 4.67 | 8.29 | 0 | 0 | 0 | 13 | 14 | 14 | 14 |
| 10/29/2016 8:32 | 303.3558681 | Winding down 1295 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:32 | 303.3559028 | Deploying | 2 | 8250 | 4.64 | 3.87 | 4.68 | 8.27 | 2248 | 1605 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:33 | 303.3562500 | Deploying | 2 | 8280 | 4.68 | 3.87 | 4.7 | 8.24 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:33 | 303.3565972 | Deploying | 2 | 8310 | 4.69 | 3.87 | 4.72 | 8.27 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:34 | 303.3569444 | Deploying | 2 | 8340 | 4.69 | 3.87 | 4.73 | 8.25 | 0 | 0 | 0 | 13 | 14 | 14 | 14 |
| 10/29/2016 8:34 | 303.3572917 | Deploying | 2 | 8370 | 4.68 | 3.87 | 4.75 | 8.27 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:34 | 303.3573032 | Winding down 1876 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:35 | 303.3576389 | Deploying | 2 | 8400 | 4.76 | 3.94 | 4.77 | 8.29 | 2029 | 1546 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:35 | 303.3579861 | Deploying | 2 | 8430 | 4.77 | 3.94 | 4.78 | 8.24 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:36 | 303.3583333 | Deploying | 2 | 8460 | 4.75 | 3.94 | 4.8 | 8.29 | 0 | 0 | 0 | 14 | 14 | 13 | 14 |
| 10/29/2016 8:36 | 303.3585995 | Winding down 1438 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:36 | 303.3586806 | Deploying | 2 | 8490 | 4.77 | 4 | 4.82 | 8.25 | 2165 | 1581 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:37 | 303.3590278 | Deploying | 2 | 8520 | 4.82 | 4 | 4.84 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:37 | 303.3593750 | Deploying | 2 | 8550 | 4.83 | 4 | 4.85 | 8.27 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:38 | 303.3597222 | Deploying | 2 | 8580 | 4.82 | 4 | 4.87 | 8.25 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 8:38 | 303.3600116 | Winding down 1691 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:38 | 303.3600694 | Deploying | 2 | 8610 | 4.83 | 4.06 | 4.89 | 8.29 | 2227 | 1610 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:39 | 303.3604167 | Deploying | 2 | 8640 | 4.89 | 4.06 | 4.9 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:39 | 303.3607639 | Deploying | 2 | 8670 | 4.9 | 4.06 | 4.92 | 8.3 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:40 | 303.3611111 | Deploying | 2 | 8700 | 4.9 | 4.06 | 4.94 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:40 | 303.3613889 | Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:40 | 303.3614583 | Deploying | 2 | 8730 | 4.9 | 4.12 | 4.95 | 8.27 | 2168 | 1565 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:41 | 303.3618056 | Deploying | 2 | 8760 | 4.97 | 4.12 | 4.97 | 8.27 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:41 | 303.3621528 | Deploying | 2 | 8790 | 4.96 | 4.12 | 4.99 | 8.25 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:42 | 303.3625000 | Deploying | 2 | 8820 | 4.96 | 4.12 | 5.01 | 8.27 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:42 | 303.3628472 | Deploying | 2 | 8850 | 4.96 | 4.12 | 5.02 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:42 | 303.3628935 | Winding down 1594 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:43 | 303.3631944 | Deploying | 2 | 8880 | 5.03 | 4.18 | 5.04 | 8.27 | 1981 | 1539 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:43 | 303.3635417 | Deploying | 2 | 8910 | 5.03 | 4.18 | 5.06 | 8.27 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:44 | 303.3638889 | Deploying | 2 | 8940 | 5.03 | 4.18 | 5.07 | 8.3 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:44 | 303.3641667 | Winding down 1577 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:44 | 303.3642361 | Deploying | 2 | 8970 | 5.04 | 4.24 | 5.09 | 8.29 | 2335 | 1620 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:45 | 303.3645833 | Deploying | 2 | 9000 | 5.1 | 4.24 | 5.11 | 8.27 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:45 | 303.3649306 | Deploying | 2 | 9030 | 5.08 | 4.24 | 5.12 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:46 | 303.3652778 | Deploying | 2 | 9060 | 5.1 | 4.24 | 5.14 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:46 | 303.3654630 | Winding down 1439 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:46 | 303.3656250 | Deploying | 2 | 9090 | 5.12 | 4.3 | 5.16 | 8.29 | 2137 | 1554 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:47 | 303.3659722 | Deploying | 2 | 9120 | 5.16 | 4.3 | 5.18 | 8.29 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:47 | 303.3663194 | Deploying | 2 | 9150 | 5.15 | 4.3 | 5.19 | 8.29 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:48 | 303.3666667 | Deploying | 2 | 9180 | 5.15 | 4.3 | 5.21 | 8.29 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:48 | 303.3667361 Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:48 | 303.3670139 Deploying | 2 | 9210 | 5.21 | 4.35 | 5.23 | 8.29 | 2227 | 1597 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:49 | 303.3673611 Deploying | 2 | 9240 | 5.23 | 4.35 | 5.24 | 8.29 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:49 | 303.3677083 Deploying | 2 | 9270 | 5.22 | 4.35 | 5.26 | 8.27 | 0 | 0 | 0 | 14 | 13 | 13 | 13 |
| 10/29/2016 8:50 | 303.3680556 Deploying | 2 | 9300 | 5.23 | 4.35 | 5.28 | 8.29 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:50 | 303.3682523 Winding down 1678 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:50 | 303.3684028 Deploying | 2 | 9330 | 5.25 | 4.42 | 5.29 | 8.27 | 1981 | 1549 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:51 | 303.3687500 Deploying | 2 | 9360 | 5.29 | 4.42 | 5.31 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:51 | 303.3690972 Deploying | 2 | 9390 | 5.29 | 4.42 | 5.33 | 8.27 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:52 | 303.3694444 Deploying | 2 | 9420 | 5.3 | 4.42 | 5.35 | 8.29 | 0 | 0 | 0 | 13 | 15 | 13 | 15 |
| 10/29/2016 8:52 | 303.3694907 Winding down 1344 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:52 | 303.3697917 Deploying | 2 | 9450 | 5.33 | 4.47 | 5.36 | 8.27 | 2041 | 1557 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:53 | 303.3701389 Deploying | 2 | 9480 | 5.35 | 4.47 | 5.38 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:53 | 303.3704861 Deploying | 2 | 9510 | 5.35 | 4.47 | 5.4 | 8.27 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:53 | 303.3707755 Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:54 | 303.3708333 Deploying | 2 | 9540 | 5.36 | 4.53 | 5.41 | 8.27 | 2091 | 1576 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:54 | 303.3711806 Deploying | 2 | 9570 | 5.42 | 4.53 | 5.43 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:55 | 303.3715278 Deploying | 2 | 9600 | 5.42 | 4.53 | 5.45 | 8.25 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:55 | 303.3718750 Deploying | 2 | 9630 | 5.42 | 4.53 | 5.46 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:55 | 303.3721644 Winding down 1741 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:56 | 303.3722222 Deploying | 2 | 9660 | 5.41 | 4.59 | 5.48 | 8.29 | 2179 | 1563 | 0 | 13 | 12 | 13 | 12 |
| 10/29/2016 8:56 | 303.3725694 Deploying | 2 | 9690 | 5.48 | 4.59 | 5.5 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:57 | 303.3729167 Deploying | 2 | 9720 | 5.47 | 4.59 | 5.52 | 8.27 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:57 | 303.3732639 Deploying | 2 | 9750 | 5.49 | 4.59 | 5.53 | 8.24 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:57 | 303.3734606 Winding down 1453 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:58 | 303.3736111 Deploying | 2 | 9780 | 5.5 | 4.65 | 5.55 | 8.24 | 2277 | 1585 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 8:58 | 303.3739583 Deploying | 2 | 9810 | 5.54 | 4.65 | 5.57 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 8:59 | 303.3743056 Deploying | 2 | 9840 | 5.54 | 4.65 | 5.58 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 8:59 | 303.3746528 Deploying | 2 | 9870 | 5.55 | 4.65 | 5.6 | 8.24 | 0 | 0 | 0 | 12 | 13 | 13 | 13 |
| 10/29/2016 8:59 | 303.3748380 Winding down 1464 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:00 | 303.3750000 Deploying | 2 | 9900 | 5.58 | 4.7 | 5.62 | 8.27 | 2214 | 1580 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:00 | 303.3753472 Deploying | 2 | 9930 | 5.6 | 4.7 | 5.63 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:01 | 303.3756944 Deploying | 2 | 9960 | 5.6 | 4.7 | 5.65 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:01 | 303.3759838 Winding down 1716 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:01 | 303.3760417 Deploying | 2 | 9990 | 5.61 | 4.77 | 5.67 | 8.25 | 2272 | 1614 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:02 | 303.3763889 Deploying | 2 | 10020 | 5.67 | 4.77 | 5.69 | 8.24 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:02 | 303.3767361 Deploying | 2 | 10050 | 5.67 | 4.77 | 5.7 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:03 | 303.3770833 Deploying | 2 | 10080 | 5.68 | 4.77 | 5.72 | 8.27 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:03 | 303.3774306 Deploying | 2 | 10110 | 5.68 | 4.77 | 5.74 | 8.22 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:03 | 303.3775810 Winding down 1671 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:04 | 303.3777778 Deploying | 2 | 10140 | 5.72 | 4.83 | 5.75 | 8.29 | 2150 | 1579 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:04 | 303.3781250 Deploying | 2 | 10170 | 5.75 | 4.83 | 5.77 | 8.24 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:05 | 303.3784722 Deploying | 2 | 10200 | 5.75 | 4.83 | 5.79 | 8.27 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:05 | 303.3788194 Deploying | 2 | 10230 | 5.76 | 4.83 | 5.8 | 8.29 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:06 | 303.3791667 Deploying | 2 | 10260 | 5.75 | 4.83 | 5.82 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:06 | 303.3791898 Winding down 1790 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:06 | 303.3795139 Deploying | 2 | 10290 | 5.82 | 4.9 | 5.84 | 8.24 | 2240 | 1584 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:07 | 303.3798611 Deploying | 2 | 10320 | 5.83 | 4.9 | 5.86 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:07 | 303.3802083 Deploying | 2 | 10350 | 5.83 | 4.9 | 5.87 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:07 | 303.3805093 Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:08 | 303.3805556 Deploying | 2 | 10380 | 5.84 | 4.96 | 5.89 | 8.25 | 2081 | 1576 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:08 | 303.3809028 Deploying | 2 | 10410 | 5.89 | 4.96 | 5.91 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:09 | 303.3812500 Deploying | 2 | 10440 | 5.89 | 4.96 | 5.92 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:09 | 303.3815972 Deploying | 2 | 10470 | 5.9 | 4.96 | 5.94 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:10 | 303.3819444 | Deploying | 2 | 10500 | 5.9 | 4.96 | 5.96 | 8.29 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:10 | 303.3819560 | Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:10 | 303.3822917 | Deploying | 2 | 10530 | 5.95 | 5.02 | 5.97 | 8.27 | 2080 | 1585 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:11 | 303.3826389 | Deploying | 2 | 10560 | 5.94 | 5.02 | 5.99 | 8.25 | 0 | 0 | 0 | 13 | 12 | 12 | 12 |
| 10/29/2016 9:11 | 303.3829630 | Winding down 1334 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:11 | 303.3829861 | Deploying | 2 | 10590 | 5.96 | 5.07 | 6.01 | 8.17 | 2243 | 1592 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:12 | 303.3833333 | Deploying | 2 | 10620 | 6.02 | 5.07 | 6.03 | 8.25 | 0 | 0 | 0 | 14 | 13 | 13 | 13 |
| 10/29/2016 9:12 | 303.3836806 | Deploying | 2 | 10650 | 6 | 5.07 | 6.04 | 8.25 | 0 | 0 | 0 | 14 | 13 | 13 | 13 |
| 10/29/2016 9:13 | 303.3840278 | Deploying | 2 | 10680 | 6 | 5.07 | 6.06 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:13 | 303.3842708 | Winding down 1835 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3843750 | Deploying | 2 | 10710 | 6.02 | 5.14 | 6.08 | 8.29 | 2188 | 1564 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:14 | 303.3847222 | Deploying | 2 | 10740 | 6.08 | 5.14 | 6.09 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:14 | 303.3850694 | Deploying | 2 | 10770 | 6.08 | 5.14 | 6.11 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:15 | 303.3854167 | Deploying | 2 | 10800 | 6.09 | 5.14 | 6.13 | 8.27 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:15 | 303.3857060 | Winding down 1541 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:15 | 303.3857639 | Deploying | 2 | 10830 | 6.09 | 5.2 | 6.14 | 8.27 | 2141 | 1597 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:16 | 303.3861111 | Deploying | 2 | 10860 | 6.15 | 5.2 | 6.16 | 8.24 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:16 | 303.3864583 | Deploying | 2 | 10890 | 6.16 | 5.2 | 6.18 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:17 | 303.3868056 | Deploying | 2 | 10920 | 6.16 | 5.2 | 6.2 | 8.29 | 0 | 0 | 0 | 12 | 12 | 13 | 12 |
| 10/29/2016 9:17 | 303.3871528 | Deploying | 2 | 10950 | 6.16 | 5.2 | 6.21 | 8.27 | 0 | 0 | 0 | 14 | 13 | 12 | 13 |
| 10/29/2016 9:17 | 303.3873495 | Winding down 1753 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:18 | 303.3875000 | Deploying | 2 | 10980 | 6.19 | 5.27 | 6.23 | 8.29 | 2292 | 1612 | 0 | 13 | 12 | 12 | 12 |
| 10/29/2016 9:18 | 303.3878472 | Deploying | 2 | 11010 | 6.24 | 5.27 | 6.25 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:19 | 303.3881944 | Deploying | 2 | 11040 | 6.21 | 5.27 | 6.26 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:19 | 303.3885417 | Deploying | 2 | 11070 | 6.23 | 5.27 | 6.28 | 8.3 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:19 | 303.3887269 | Winding down 1789 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:20 | 303.3888889 | Deploying | 2 | 11100 | 6.25 | 5.33 | 6.3 | 8.25 | 2159 | 1590 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:20 | 303.3892361 | Deploying | 2 | 11130 | 6.3 | 5.33 | 6.31 | 8.29 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:21 | 303.3895833 | Deploying | 2 | 11160 | 6.3 | 5.33 | 6.33 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:21 | 303.3899306 | Deploying | 2 | 11190 | 6.31 | 5.33 | 6.35 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:22 | 303.3902778 | Deploying | 2 | 11220 | 6.31 | 5.33 | 6.37 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:22 | 303.3904398 | Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:22 | 303.3906250 | Deploying | 2 | 11250 | 6.35 | 5.4 | 6.38 | 8.24 | 2137 | 1573 | 0 | 14 | 13 | 13 | 13 |
| 10/29/2016 9:23 | 303.3909722 | Deploying | 2 | 11280 | 6.36 | 5.4 | 6.4 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:23 | 303.3913194 | Deploying | 2 | 11310 | 6.38 | 5.4 | 6.42 | 8.24 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:24 | 303.3916667 | Deploying | 2 | 11340 | 6.38 | 5.4 | 6.43 | 8.24 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:24 | 303.3918056 | Winding down 1657 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:24 | 303.3920139 | Deploying | 2 | 11370 | 6.42 | 5.46 | 6.45 | 8.27 | 2268 | 1575 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:25 | 303.3923611 | Deploying | 2 | 11400 | 6.46 | 5.46 | 6.47 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:25 | 303.3927083 | Deploying | 2 | 11430 | 6.45 | 5.46 | 6.48 | 8.29 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:26 | 303.3930556 | Deploying | 2 | 11460 | 6.45 | 5.46 | 6.5 | 8.24 | 0 | 0 | 0 | 14 | 13 | 13 | 13 |
| 10/29/2016 9:26 | 303.3932639 | Winding down 1717 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:26 | 303.3934028 | Deploying | 2 | 11490 | 6.48 | 5.53 | 6.52 | 8.25 | 2253 | 1587 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:27 | 303.3937500 | Deploying | 2 | 11520 | 6.52 | 5.53 | 6.54 | 8.24 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:27 | 303.3940972 | Deploying | 2 | 11550 | 6.52 | 5.53 | 6.55 | 8.25 | 0 | 0 | 0 | 13 | 12 | 12 | 12 |
| 10/29/2016 9:28 | 303.3944444 | Deploying | 2 | 11580 | 6.52 | 5.53 | 6.57 | 8.27 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:28 | 303.3947338 | Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:28 | 303.3947917 | Deploying | 2 | 11610 | 6.53 | 5.58 | 6.59 | 8.22 | 2261 | 1569 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:29 | 303.3951389 | Deploying | 2 | 11640 | 6.58 | 5.58 | 6.6 | 8.22 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:29 | 303.3954861 | Deploying | 2 | 11670 | 6.59 | 5.58 | 6.62 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:30 | 303.3958333 | Deploying | 2 | 11700 | 6.58 | 5.58 | 6.64 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:30 | 303.3959606 | Winding down 1293 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:30 | 303.3961806 | Deploying | 2 | 11730 | 6.63 | 5.63 | 6.65 | 8.25 | 2009 | 1553 | 0 | 12 | 14 | 12 | 14 |
| 10/29/2016 9:31 | 303.3965278 | Deploying | 2 | 11760 | 6.64 | 5.63 | 6.67 | 8.25 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:31 | 303.3968750 | Deploying | 2 | 11790 | 6.65 | 5.63 | 6.69 | 8.24 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:32 | 303.3972222 | Deploying | 2 | 11820 | 6.64 | 5.63 | 6.71 | 8.24 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:32 | 303.3973958 | Winding down 1850 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:32 | 303.3975694 | Deploying | 2 | 11850 | 6.68 | 5.7 | 6.72 | 8.27 | 2060 | 1567 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:33 | 303.3979167 | Deploying | 2 | 11880 | 6.73 | 5.7 | 6.74 | 8.21 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:33 | 303.3982639 | Deploying | 2 | 11910 | 6.71 | 5.7 | 6.76 | 8.27 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:34 | 303.3986111 | Deploying | 2 | 11940 | 6.72 | 5.7 | 6.77 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:34 | 303.3986458 | Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:34 | 303.3989583 | Deploying | 2 | 11970 | 6.77 | 5.76 | 6.79 | 8.24 | 2265 | 1596 | 0 | 13 | 12 | 12 | 12 |
| 10/29/2016 9:35 | 303.3993056 | Deploying | 2 | 12000 | 6.78 | 5.76 | 6.81 | 8.25 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:35 | 303.3996528 | Deploying | 2 | 12030 | 6.78 | 5.76 | 6.82 | 8.25 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:35 | 303.3999884 | Winding down 1698 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:36 | 303.4000000 | Deploying | 2 | 12060 | 6.78 | 5.83 | 6.84 | 8.27 | 2060 | 1570 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:36 | 303.4003472 | Deploying | 2 | 12090 | 6.84 | 5.83 | 6.86 | 8.24 | 2060 | 59 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:37 | 303.4006944 | Deploying | 2 | 12120 | 6.86 | 5.83 | 6.88 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:37 | 303.4010417 | Deploying | 2 | 12150 | 6.85 | 5.83 | 6.89 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:38 | 303.4013889 | Deploying | 2 | 12180 | 6.86 | 5.83 | 6.91 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:38 | 303.4014236 | Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:38 | 303.4017361 | Deploying | 2 | 12210 | 6.91 | 5.88 | 6.93 | 8.24 | 2216 | 1610 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:39 | 303.4020833 | Deploying | 2 | 12240 | 6.91 | 5.88 | 6.94 | 8.25 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:39 | 303.4024306 | Deploying | 2 | 12270 | 6.92 | 5.88 | 6.96 | 8.25 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:40 | 303.4027778 | Deploying | 2 | 12300 | 6.9 | 5.88 | 6.98 | 8.22 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:40 | 303.4028125 | Winding down 1855 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:40 | 303.4031250 | Deploying | 2 | 12330 | 6.99 | 5.95 | 6.99 | 8.24 | 2220 | 1583 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:41 | 303.4034722 | Deploying | 2 | 12360 | 7 | 5.95 | 7.01 | 8.21 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:41 | 303.4038194 | Deploying | 2 | 12390 | 7 | 5.95 | 7.03 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:42 | 303.4041667 | Deploying | 2 | 12420 | 7 | 5.95 | 7.05 | 8.22 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:42 | 303.4043519 | Winding down 1464 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:42 | 303.4045139 | Deploying | 2 | 12450 | 7.02 | 6.01 | 7.06 | 8.27 | 2256 | 1556 | 0 | 13 | 12 | 12 | 12 |
| 10/29/2016 9:43 | 303.4048611 | Deploying | 2 | 12480 | 7.05 | 6.01 | 7.08 | 8.24 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:43 | 303.4052083 | Deploying | 2 | 12510 | 7.05 | 6.01 | 7.1 | 8.24 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:44 | 303.4055556 | Deploying | 2 | 12540 | 7.05 | 6.01 | 7.11 | 8.22 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:44 | 303.4055903 | Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:44 | 303.4059028 | Deploying | 2 | 12570 | 7.12 | 6.07 | 7.13 | 8.24 | 2136 | 1591 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:45 | 303.4062500 | Deploying | 2 | 12600 | 7.12 | 6.07 | 7.15 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:45 | 303.4065972 | Deploying | 2 | 12630 | 7.12 | 6.07 | 7.16 | 8.24 | 0 | 0 | 0 | 12 | 12 | 13 | 12 |
| 10/29/2016 9:45 | 303.4069097 | Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:46 | 303.4069444 | Deploying | 2 | 12660 | 7.12 | 6.14 | 7.18 | 8.22 | 2010 | 1546 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:46 | 303.4072917 | Deploying | 2 | 12690 | 7.19 | 6.14 | 7.2 | 8.25 | 0 | 0 | 0 | 12 | 14 | 12 | 14 |
| 10/29/2016 9:47 | 303.4076389 | Deploying | 2 | 12720 | 7.18 | 6.14 | 7.22 | 8.22 | 0 | 0 | 0 | 13 | 12 | 12 | 12 |
| 10/29/2016 9:47 | 303.4079861 | Deploying | 2 | 12750 | 7.19 | 6.14 | 7.23 | 8.22 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:47 | 303.4082986 | Winding down 1770 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:48 | 303.4083333 | Deploying | 2 | 12780 | 7.18 | 6.2 | 7.25 | 8.24 | 2064 | 1563 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:48 | 303.4086806 | Deploying | 2 | 12810 | 7.26 | 6.2 | 7.27 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:49 | 303.4090278 | Deploying | 2 | 12840 | 7.26 | 6.2 | 7.28 | 8.25 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:49 | 303.4093750 | Deploying | 2 | 12870 | 7.25 | 6.2 | 7.3 | 8.22 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:49 | 303.4095139 | Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:50 | 303.4097222 | Deploying | 2 | 12900 | 7.29 | 6.26 | 7.32 | 8.24 | 2147 | 1612 | 0 | 12 | 14 | 13 | 14 |
| 10/29/2016 9:50 | 303.4100694 | Deploying | 2 | 12930 | 7.33 | 6.26 | 7.33 | 8.24 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:51 | 303.4104167 | Deploying | 2 | 12960 | 7.32 | 6.26 | 7.35 | 8.22 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 9:51 | 303.4107639 | Deploying | 2 | 12990 | 7.32 | 6.26 | 7.37 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:51 | 303.4109954 | Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:52 | 303.4111111 | Deploying | 2 | 13020 | 7.34 | 6.32 | 7.39 | 8.22 | 2055 | 1572 | 0 | 13 | 12 | 12 | 12 |
| 10/29/2016 9:52 | 303.4114583 | Deploying | 2 | 13050 | 7.38 | 6.32 | 7.4 | 8.24 | 0 | 0 | 0 | 11 | 13 | 12 | 13 |

| Date/Time | Value | Status | Code | N | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:53 | 303.4118056 | Deploying | 2 | 13080 | 7.39 | 6.32 | 7.42 | 8.27 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:53 | 303.4121528 | Deploying | 2 | 13110 | 7.39 | 6.32 | 7.44 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:54 | 303.4125000 | Deploying | 2 | 13140 | 7.4 | 6.32 | 7.45 | 8.25 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:54 | 303.4126273 | Winding down 1818 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:54 | 303.4128472 | Deploying | 2 | 13170 | 7.44 | 6.39 | 7.47 | 8.25 | 2164 | 1585 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:55 | 303.4131944 | Deploying | 2 | 13200 | 7.47 | 6.39 | 7.49 | 8.22 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:55 | 303.4135417 | Deploying | 2 | 13230 | 7.47 | 6.39 | 7.5 | 8.22 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:55 | 303.4138657 | Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:56 | 303.4138889 | Deploying | 2 | 13260 | 7.46 | 6.45 | 7.52 | 8.17 | 2261 | 1595 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:56 | 303.4142361 | Deploying | 2 | 13290 | 7.54 | 6.45 | 7.54 | 8.21 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:57 | 303.4145833 | Deploying | 2 | 13320 | 7.53 | 6.45 | 7.56 | 8.22 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 9:57 | 303.4149306 | Deploying | 2 | 13350 | 7.55 | 6.45 | 7.57 | 8.24 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 9:58 | 303.4152778 | Deploying | 2 | 13380 | 7.54 | 6.45 | 7.59 | 8.22 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:58 | 303.4155324 | Winding down 1724 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:58 | 303.4156250 | Deploying | 2 | 13410 | 7.55 | 6.52 | 7.61 | 8.24 | 2199 | 1616 | 0 | 11 | 12 | 12 | 12 |
| 10/29/2016 9:59 | 303.4159722 | Deploying | 2 | 13440 | 7.6 | 6.52 | 7.62 | 8.25 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 9:59 | 303.4163194 | Deploying | 2 | 13470 | 7.61 | 6.52 | 7.64 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:00 | 303.4166667 | Deploying | 2 | 13500 | 7.62 | 6.52 | 7.66 | 8.22 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:00 | 303.4169907 | Winding down 1334 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:00 | 303.4170139 | Deploying | 2 | 13530 | 7.63 | 6.57 | 7.67 | 8.17 | 2236 | 1583 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:01 | 303.4173611 | Deploying | 2 | 13560 | 7.67 | 6.57 | 7.69 | 8.22 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:01 | 303.4177083 | Deploying | 2 | 13590 | 7.68 | 6.57 | 7.71 | 8.25 | 0 | 0 | 0 | 12 | 14 | 13 | 14 |
| 10/29/2016 10:02 | 303.4180556 | Deploying | 2 | 13620 | 7.68 | 6.57 | 7.73 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:02 | 303.4184028 | Deploying | 2 | 13650 | 7.68 | 6.57 | 7.74 | 8.24 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 10:02 | 303.4184028 | Winding down 1687 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:03 | 303.4187500 | Deploying | 2 | 13680 | 7.74 | 6.63 | 7.76 | 8.24 | 2214 | 1601 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 10:03 | 303.4190972 | Deploying | 2 | 13710 | 7.74 | 6.63 | 7.78 | 8.21 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:04 | 303.4194444 | Deploying | 2 | 13740 | 7.74 | 6.63 | 7.79 | 8.22 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 10:04 | 303.4196875 | Winding down 1885 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:04 | 303.4197917 | Deploying | 2 | 13770 | 7.76 | 6.71 | 7.81 | 8.25 | 2220 | 1603 | 1 | 11 | 14 | 13 | 14 |
| 10/29/2016 10:05 | 303.4201389 | Deploying | 2 | 13800 | 7.81 | 6.71 | 7.83 | 8.24 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 10:05 | 303.4204861 | Deploying | 2 | 13830 | 7.81 | 6.71 | 7.84 | 8.24 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 10:06 | 303.4208333 | Deploying | 2 | 13860 | 7.82 | 6.71 | 7.86 | 8.24 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 10:06 | 303.4211806 | Deploying | 2 | 13890 | 7.82 | 6.71 | 7.88 | 8.19 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:06 | 303.4211806 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:07 | 303.4215278 | Deploying | 2 | 13920 | 7.9 | 6.77 | 7.9 | 8.22 | 2247 | 1606 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 10:07 | 303.4218750 | Deploying | 2 | 13950 | 7.88 | 6.77 | 7.91 | 8.24 | 0 | 0 | 0 | 14 | 13 | 13 | 13 |
| 10/29/2016 10:08 | 303.4222222 | Deploying | 2 | 13980 | 7.89 | 6.77 | 7.93 | 8.21 | 0 | 0 | 0 | 12 | 13 | 13 | 13 |
| 10/29/2016 10:08 | 303.4225694 | Deploying | 2 | 14010 | 7.89 | 6.77 | 7.95 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:08 | 303.4226157 | Winding down 1694 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:09 | 303.4229167 | Deploying | 2 | 14040 | 7.95 | 6.83 | 7.96 | 8.21 | 2027 | 1558 | 0 | 12 | 14 | 13 | 14 |
| 10/29/2016 10:09 | 303.4232639 | Deploying | 2 | 14070 | 7.96 | 6.83 | 7.98 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:10 | 303.4236111 | Deploying | 2 | 14100 | 7.96 | 6.83 | 8 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 10:10 | 303.4239583 | Deploying | 2 | 14130 | 7.95 | 6.83 | 8.01 | 8.22 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 10:10 | 303.4239583 | Winding down 1537 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:11 | 303.4243056 | Deploying | 2 | 14160 | 8.02 | 6.89 | 8.03 | 8.22 | 2024 | 1557 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:11 | 303.4246528 | Deploying | 2 | 14190 | 8.03 | 6.89 | 8.05 | 8.22 | 0 | 0 | 0 | 14 | 13 | 13 | 13 |
| 10/29/2016 10:12 | 303.4250000 | Deploying | 2 | 14220 | 8.01 | 6.89 | 8.07 | 8.21 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 10:12 | 303.4253356 | Winding down 1273 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:12 | 303.4253472 | Deploying | 2 | 14250 | 8.03 | 6.94 | 8.08 | 8.24 | 2025 | 1572 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 10:13 | 303.4256944 | Deploying | 2 | 14280 | 8.08 | 6.94 | 8.1 | 8.22 | 2025 | 98 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 10:13 | 303.4260417 | Deploying | 2 | 14310 | 8.07 | 6.94 | 8.12 | 8.24 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 10:13 | 303.4263310 | Winding down 1741 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:14 | 303.4263889 | Deploying | 2 | 14340 | 8.07 | 7 | 8.13 | 8.22 | 2033 | 1605 | 0 | 14 | 15 | 14 | 15 |

| Date/Time | Value | State | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:14 | 303.4267361 | Deploying | | 2 | 14370 | 8.15 | 7 | 8.15 | 8.25 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 10:15 | 303.4270833 | Deploying | | 2 | 14400 | 8.14 | 7 | 8.17 | 8.22 | 0 | 0 | 0 | 11 | 13 | 12 | 13 |
| 10/29/2016 10:15 | 303.4274306 | Deploying | | 2 | 14430 | 8.14 | 7 | 8.18 | 8.22 | 0 | 0 | 0 | 12 | 12 | 11 | 12 |
| 10/29/2016 10:15 | 303.4277315 | Winding down 1480 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:16 | 303.4277778 | Deploying | | 2 | 14460 | 8.15 | 7.06 | 8.2 | 8.24 | 2071 | 1568 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 10:16 | 303.4281250 | Deploying | | 2 | 14490 | 8.21 | 7.06 | 8.22 | 8.21 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:17 | 303.4284722 | Deploying | | 2 | 14520 | 8.21 | 7.06 | 8.24 | 8.22 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 10:17 | 303.4288194 | Deploying | | 2 | 14550 | 8.2 | 7.06 | 8.25 | 8.24 | 0 | 0 | 0 | 13 | 13 | 13 | 13 |
| 10/29/2016 10:18 | 303.4291667 | Deploying | | 2 | 14580 | 8.22 | 7.06 | 8.27 | 8.24 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 10:18 | 303.4291898 | Winding down 1365 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:18 | 303.4295139 | Deploying | | 2 | 14610 | 8.26 | 7.11 | 8.29 | 8.24 | 2257 | 1610 | 0 | 12 | 13 | 12 | 13 |
| 10/29/2016 10:19 | 303.4298611 | Deploying | | 2 | 14640 | 8.27 | 7.11 | 8.3 | 8.22 | 0 | 0 | 0 | 14 | 13 | 13 | 13 |
| 10/29/2016 10:19 | 303.4302083 | Deploying | | 2 | 14670 | 8.28 | 7.11 | 8.32 | 8.22 | 0 | 0 | 0 | 13 | 14 | 13 | 14 |
| 10/29/2016 10:19 | 303.4305324 | Winding down 2059 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:20 | 303.4305556 | Deploying | | 2 | 14700 | 8.26 | 7.19 | 8.34 | 8.16 | 2103 | 1572 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 10:20 | 303.4309028 | Deploying | | 2 | 14730 | 8.35 | 7.19 | 8.35 | 8.22 | 2103 | 98 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 10:21 | 303.4312500 | Deploying | | 2 | 14760 | 8.35 | 7.19 | 8.37 | 8.21 | 0 | 0 | 0 | 13 | 15 | 13 | 15 |
| 10/29/2016 10:21 | 303.4315972 | Deploying | | 2 | 14790 | 8.33 | 7.19 | 8.39 | 8.22 | 0 | 0 | 0 | 11 | 13 | 12 | 13 |
| 10/29/2016 10:21 | 303.4317130 | Winding down 1304 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:22 | 303.4319444 | Deploying | | 2 | 14820 | 8.38 | 7.24 | 8.41 | 8.22 | 2031 | 1538 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 10:22 | 303.4322917 | Deploying | | 2 | 14850 | 8.4 | 7.24 | 8.42 | 8.21 | 0 | 0 | 0 | 16 | 15 | 15 | 15 |
| 10/29/2016 10:23 | 303.4326389 | Deploying | | 2 | 14880 | 8.4 | 7.24 | 8.44 | 8.22 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 10:23 | 303.4329861 | Deploying | | 2 | 14910 | 8.4 | 7.24 | 8.46 | 8.22 | 0 | 0 | 0 | 15 | 16 | 16 | 16 |
| 10/29/2016 10:23 | 303.4332639 | Winding down 1877 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:24 | 303.4333333 | Deploying | | 2 | 14940 | 8.41 | 7.31 | 8.47 | 8.22 | 2221 | 1555 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 10:24 | 303.4336806 | Deploying | | 2 | 14970 | 8.48 | 7.31 | 8.49 | 8.22 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 10:25 | 303.4340278 | Deploying | | 2 | 15000 | 8.48 | 7.31 | 8.51 | 8.24 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 10:25 | 303.4343750 | Deploying | | 2 | 15030 | 8.47 | 7.31 | 8.52 | 8.22 | 0 | 0 | 0 | 17 | 16 | 16 | 16 |
| 10/29/2016 10:25 | 303.4345023 | Winding down 1618 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:26 | 303.4347222 | Deploying | | 2 | 15060 | 8.51 | 7.38 | 8.54 | 8.25 | 2083 | 1571 | 0 | 16 | 17 | 17 | 17 |
| 10/29/2016 10:26 | 303.4350694 | Deploying | | 2 | 15090 | 8.55 | 7.38 | 8.56 | 8.24 | 0 | 0 | 0 | 17 | 17 | 16 | 17 |
| 10/29/2016 10:27 | 303.4354167 | Deploying | | 2 | 15120 | 8.55 | 7.38 | 8.58 | 8.21 | 0 | 0 | 0 | 17 | 16 | 16 | 16 |
| 10/29/2016 10:27 | 303.4357639 | Deploying | | 2 | 15150 | 8.54 | 7.38 | 8.59 | 8.25 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 10:27 | 303.4359606 | Winding down 1478 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4361111 | Deploying | | 2 | 15180 | 8.58 | 7.43 | 8.61 | 8.21 | 2194 | 1597 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 10:28 | 303.4364583 | Deploying | | 2 | 15210 | 8.61 | 7.43 | 8.63 | 8.24 | 0 | 0 | 0 | 15 | 15 | 16 | 15 |
| 10/29/2016 10:29 | 303.4368056 | Deploying | | 2 | 15240 | 8.61 | 7.43 | 8.64 | 8.22 | 0 | 0 | 0 | 16 | 17 | 17 | 17 |
| 10/29/2016 10:29 | 303.4371528 | Deploying | | 2 | 15270 | 8.61 | 7.43 | 8.66 | 8.24 | 0 | 0 | 0 | 18 | 17 | 17 | 17 |
| 10/29/2016 10:29 | 303.4372685 | Winding down 1579 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4375000 | Deploying | | 2 | 15300 | 8.65 | 7.49 | 8.68 | 8.22 | 2066 | 1571 | 0 | 17 | 19 | 17 | 19 |
| 10/29/2016 10:30 | 303.4378472 | Deploying | | 2 | 15330 | 8.67 | 7.49 | 8.69 | 8.22 | 0 | 0 | 0 | 19 | 18 | 17 | 18 |
| 10/29/2016 10:31 | 303.4381944 | Deploying | | 2 | 15360 | 8.67 | 7.49 | 8.71 | 8.24 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/29/2016 10:31 | 303.4385417 | Deploying | | 2 | 15390 | 8.67 | 7.49 | 8.73 | 8.21 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/29/2016 10:31 | 303.4387500 | Winding down 1592 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:32 | 303.4388889 | Deploying | | 2 | 15420 | 8.7 | 7.55 | 8.75 | 8.24 | 2231 | 1586 | 0 | 17 | 19 | 17 | 19 |
| 10/29/2016 10:32 | 303.4392361 | Deploying | | 2 | 15450 | 8.74 | 7.55 | 8.76 | 8.22 | 0 | 0 | 0 | 18 | 18 | 17 | 18 |
| 10/29/2016 10:33 | 303.4395833 | Deploying | | 2 | 15480 | 8.75 | 7.55 | 8.78 | 8.22 | 0 | 0 | 0 | 17 | 19 | 18 | 19 |
| 10/29/2016 10:33 | 303.4399306 | Deploying | | 2 | 15510 | 8.74 | 7.55 | 8.8 | 8.24 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 10:33 | 303.4401157 | Winding down 1714 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 10:34 | 303.4402778 | Deploying | | 2 | 15540 | 8.77 | 7.62 | 8.81 | 8.22 | 2180 | 1589 | 0 | 17 | 19 | 18 | 19 |
| 10/29/2016 10:34 | 303.4406250 | Deploying | | 2 | 15570 | 8.82 | 7.62 | 8.83 | 8.21 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 10:35 | 303.4409722 | Deploying | | 2 | 15600 | 8.81 | 7.62 | 8.85 | 8.24 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/29/2016 10:35 | 303.4413194 | Deploying | | 2 | 15630 | 8.81 | 7.62 | 8.86 | 8.22 | 0 | 0 | 0 | 19 | 18 | 18 | 18 |
| 10/29/2016 10:35 | 303.4414352 | Winding down 1629 ticks | | 3 | | | | | | | | | | | | |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:36 | 303.4416667 | Deploying | 2 | 15660 | 8.86 | 7.68 | 8.88 | 8.22 | 2076 | 1576 | 0 | 17 | 19 | 18 | 19 |
| 10/29/2016 10:36 | 303.4420139 | Deploying | 2 | 15690 | 8.87 | 7.68 | 8.9 | 8.21 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 10:37 | 303.4423611 | Deploying | 2 | 15720 | 8.87 | 7.68 | 8.92 | 8.21 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/29/2016 10:37 | 303.4427083 | Deploying | 2 | 15750 | 8.87 | 7.68 | 8.93 | 8.21 | 0 | 0 | 0 | 17 | 18 | 17 | 18 |
| 10/29/2016 10:37 | 303.4427199 | Winding down 1551 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:38 | 303.4430556 | Deploying | 2 | 15780 | 8.94 | 7.74 | 8.95 | 8.22 | 2272 | 1573 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 10:38 | 303.4434028 | Deploying | 2 | 15810 | 8.94 | 7.74 | 8.97 | 8.21 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 10:39 | 303.4437500 | Deploying | 2 | 15840 | 8.95 | 7.74 | 8.98 | 8.21 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 10:39 | 303.4440972 | Deploying | 2 | 15870 | 8.94 | 7.74 | 9 | 8.19 | 0 | 0 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 10:39 | 303.4442245 | Winding down 1668 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:40 | 303.4444444 | Deploying | 2 | 15900 | 8.99 | 7.81 | 9.02 | 8.21 | 2267 | 1596 | 0 | 17 | 17 | 17 | 17 |
| 10/29/2016 10:40 | 303.4447917 | Deploying | 2 | 15930 | 9.01 | 7.81 | 9.03 | 8.24 | 0 | 0 | 0 | 16 | 18 | 17 | 18 |
| 10/29/2016 10:41 | 303.4451389 | Deploying | 2 | 15960 | 9.01 | 7.81 | 9.05 | 8.22 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 10:41 | 303.4454861 | Deploying | 2 | 15990 | 9.01 | 7.81 | 9.07 | 8.24 | 0 | 0 | 0 | 16 | 17 | 16 | 17 |
| 10/29/2016 10:41 | 303.4456829 | Winding down 1803 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:42 | 303.4458333 | Deploying | 2 | 16020 | 9.04 | 7.88 | 9.09 | 8.19 | 2244 | 1643 | 0 | 14 | 19 | 16 | 19 |
| 10/29/2016 10:42 | 303.4461806 | Deploying | 2 | 16050 | 9.09 | 7.88 | 9.1 | 8.24 | 0 | 0 | 0 | 15 | 16 | 15 | 16 |
| 10/29/2016 10:43 | 303.4465278 | Deploying | 2 | 16080 | 9.08 | 7.88 | 9.12 | 8.21 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 10:43 | 303.4468750 | Deploying | 2 | 16110 | 9.08 | 7.88 | 9.14 | 8.22 | 0 | 0 | 0 | 15 | 15 | 15 | 15 |
| 10/29/2016 10:43 | 303.4469676 | Winding down 1400 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:44 | 303.4472222 | Deploying | 2 | 16140 | 9.13 | 7.93 | 9.15 | 8.21 | 2083 | 1576 | 0 | 14 | 16 | 14 | 16 |
| 10/29/2016 10:44 | 303.4475694 | Deploying | 2 | 16170 | 9.14 | 7.93 | 9.17 | 8.22 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 10:45 | 303.4479167 | Deploying | 2 | 16200 | 9.15 | 7.93 | 9.19 | 8.24 | 0 | 0 | 0 | 14 | 14 | 14 | 14 |
| 10/29/2016 10:45 | 303.4482639 | Deploying | 2 | 16230 | 9.15 | 7.93 | 9.2 | 8.22 | 0 | 0 | 0 | 14 | 15 | 14 | 15 |
| 10/29/2016 10:45 | 303.4483218 | Winding down 1608 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:46 | 303.4486111 | Deploying | 2 | 16260 | 9.2 | 7.99 | 9.22 | 8.19 | 2288 | 1623 | 0 | 14 | 13 | 13 | 13 |
| 10/29/2016 10:46 | 303.4489583 | Deploying | 2 | 16290 | 9.21 | 7.99 | 9.24 | 8.25 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/29/2016 10:47 | 303.4493056 | Deploying | 2 | 16320 | 9.21 | 7.99 | 9.26 | 8.22 | 0 | 0 | 0 | 11 | 12 | 11 | 12 |
| 10/29/2016 10:47 | 303.4495602 | Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:47 | 303.4496528 | Deploying | 2 | 16350 | 9.22 | 8.05 | 9.27 | 8.22 | 2273 | 1614 | 0 | 10 | 11 | 10 | 11 |
| 10/29/2016 10:48 | 303.4500000 | Deploying | 2 | 16380 | 9.27 | 8.05 | 9.29 | 8.22 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/29/2016 10:48 | 303.4503472 | Deploying | 2 | 16410 | 9.28 | 8.05 | 9.31 | 8.22 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/29/2016 10:49 | 303.4506944 | Deploying | 2 | 16440 | 9.28 | 8.05 | 9.32 | 8.25 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/29/2016 10:49 | 303.4510417 | Deploying | 2 | 16470 | 9.27 | 8.05 | 9.34 | 8.22 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 10:49 | 303.4510532 | Winding down 1751 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:50 | 303.4513889 | Deploying | 2 | 16500 | 9.34 | 8.12 | 9.36 | 8.21 | 2149 | 1577 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 10:50 | 303.4517361 | Deploying | 2 | 16530 | 9.34 | 8.12 | 9.37 | 8.21 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 10:51 | 303.4520833 | Deploying | 2 | 16560 | 9.34 | 8.12 | 9.39 | 8.19 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 10:51 | 303.4521412 | Winding down 1433 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:51 | 303.4524306 | Deploying | 2 | 16590 | 9.39 | 8.17 | 9.41 | 8.21 | 2185 | 1577 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 10:52 | 303.4527778 | Deploying | 2 | 16620 | 9.4 | 8.17 | 9.43 | 8.19 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:52 | 303.4531250 | Deploying | 2 | 16650 | 9.41 | 8.17 | 9.44 | 8.21 | 0 | 0 | 0 | 4 | 5 | 4 | 5 |
| 10/29/2016 10:53 | 303.4534722 | Deploying | 2 | 16680 | 9.4 | 8.17 | 9.46 | 8.22 | 0 | 0 | 0 | 4 | 5 | 4 | 5 |
| 10/29/2016 10:53 | 303.4536227 | Winding down 1846 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:53 | 303.4538194 | Deploying | 2 | 16710 | 9.44 | 8.24 | 9.48 | 8.21 | 2126 | 1577 | 0 | 3 | 4 | 3 | 4 |
| 10/29/2016 10:54 | 303.4541667 | Deploying | 2 | 16740 | 9.48 | 8.24 | 9.49 | 8.22 | 0 | 0 | 0 | 4 | 3 | 3 | 3 |
| 10/29/2016 10:54 | 303.4545139 | Deploying | 2 | 16770 | 9.49 | 8.24 | 9.51 | 8.19 | 0 | 0 | 0 | 2 | 3 | 2 | 3 |
| 10/29/2016 10:55 | 303.4548611 | Deploying | 2 | 16800 | 9.48 | 8.24 | 9.53 | 8.16 | 0 | 0 | 0 | 3 | 2 | 2 | 2 |
| 10/29/2016 10:55 | 303.4550694 | Winding down 1342 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:55 | 303.4552083 | Deploying | 2 | 16830 | 9.51 | 8.3 | 9.54 | 8.21 | 2227 | 1599 | 0 | 1 | 1 | 2 | 1 |
| 10/29/2016 10:56 | 303.4555556 | Deploying | 2 | 16860 | 9.54 | 8.3 | 9.56 | 8.21 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/29/2016 10:56 | 303.4559028 | Deploying | 2 | 16890 | 9.54 | 8.3 | 9.58 | 8.21 | 0 | 0 | 0 | 1 | 1 | 2 | 1 |
| 10/29/2016 10:57 | 303.4562500 | Deploying | 2 | 16920 | 9.53 | 8.3 | 9.6 | 8.21 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/29/2016 10:57 | 303.4564236 | Winding down 1925 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:57 | 303.4565972 | Deploying | 2 | 16950 | 9.57 | 8.37 | 9.61 | 8.22 | 2090 | 1557 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 10:58 | 303.4569444 | Deploying | 2 | 16980 | 9.62 | 8.37 | 9.63 | 8.21 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/29/2016 10:58 | 303.4572917 | Deploying | 2 | 17010 | 9.62 | 8.37 | 9.65 | 8.21 | 0 | 0 | 0 | 2 | 1 | 2 | 1 |
| 10/29/2016 10:59 | 303.4576389 | Deploying | 2 | 17040 | 9.61 | 8.37 | 9.66 | 8.21 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 10:59 | 303.4578241 | Winding down 1489 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:59 | 303.4579861 | Deploying | 2 | 17070 | 9.64 | 8.43 | 9.68 | 8.17 | 2218 | 1589 | 0 | 2 | 1 | 2 | 1 |
| 10/29/2016 11:00 | 303.4583333 | Deploying | 2 | 17100 | 9.68 | 8.43 | 9.7 | 8.21 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/29/2016 11:00 | 303.4586806 | Deploying | 2 | 17130 | 9.68 | 8.43 | 9.71 | 8.22 | 0 | 0 | 0 | 2 | 2 | 1 | 2 |
| 10/29/2016 11:01 | 303.4590278 | Deploying | 2 | 17160 | 9.68 | 8.43 | 9.73 | 8.19 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/29/2016 11:01 | 303.4592014 | Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:01 | 303.4593750 | Deploying | 2 | 17190 | 9.71 | 8.48 | 9.75 | 8.24 | 2202 | 1602 | 0 | 2 | 2 | 2 | 2 |
| 10/29/2016 11:02 | 303.4597222 | Deploying | 2 | 17220 | 9.74 | 8.48 | 9.77 | 8.21 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:02 | 303.4600694 | Deploying | 2 | 17250 | 9.75 | 8.48 | 9.78 | 8.21 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/29/2016 11:03 | 303.4604167 | Deploying | 2 | 17280 | 9.74 | 8.48 | 9.8 | 8.19 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/29/2016 11:03 | 303.4605324 | Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:03 | 303.4607639 | Deploying | 2 | 17310 | 9.78 | 8.54 | 9.82 | 8.21 | 2254 | 1570 | 0 | 3 | 2 | 2 | 2 |
| 10/29/2016 11:04 | 303.4611111 | Deploying | 2 | 17340 | 9.81 | 8.54 | 9.83 | 8.19 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/29/2016 11:04 | 303.4614583 | Deploying | 2 | 17370 | 9.81 | 8.54 | 9.85 | 8.22 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:05 | 303.4618056 | Deploying | 2 | 17400 | 9.81 | 8.54 | 9.87 | 8.21 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/29/2016 11:05 | 303.4619444 | Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:05 | 303.4621528 | Deploying | 2 | 17430 | 9.85 | 8.61 | 9.88 | 8.16 | 2071 | 1580 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:06 | 303.4625000 | Deploying | 2 | 17460 | 9.88 | 8.61 | 9.9 | 8.21 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/29/2016 11:06 | 303.4628472 | Deploying | 2 | 17490 | 9.89 | 8.61 | 9.92 | 8.19 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/29/2016 11:07 | 303.4631944 | Deploying | 2 | 17520 | 9.89 | 8.61 | 9.94 | 8.19 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:07 | 303.4635417 | Deploying | 2 | 17550 | 9.88 | 8.61 | 9.95 | 8.19 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:07 | 303.4635532 | Winding down 1951 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:08 | 303.4638889 | Deploying | 2 | 17580 | 9.96 | 8.68 | 9.97 | 8.21 | 2230 | 1604 | 0 | 2 | 2 | 2 | 2 |
| 10/29/2016 11:08 | 303.4642361 | Deploying | 2 | 17610 | 9.96 | 8.68 | 9.99 | 8.21 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:09 | 303.4645833 | Deploying | 2 | 17640 | 9.96 | 8.68 | 10 | 8.17 | 0 | 0 | 0 | 2 | 3 | 2 | 3 |
| 10/29/2016 11:09 | 303.4649306 | Deploying | 2 | 17670 | 9.97 | 8.68 | 10.02 | 8.22 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:09 | 303.4650810 | Winding down 1421 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:10 | 303.4652778 | Deploying | 2 | 17700 | 10.01 | 8.74 | 10.04 | 8.21 | 2066 | 1585 | 0 | 2 | 2 | 2 | 2 |
| 10/29/2016 11:10 | 303.4656250 | Deploying | 2 | 17730 | 10.03 | 8.74 | 10.05 | 8.19 | 0 | 0 | 0 | 1 | 3 | 1 | 3 |
| 10/29/2016 11:11 | 303.4659722 | Deploying | 2 | 17760 | 10.03 | 8.74 | 10.07 | 8.21 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:11 | 303.4663194 | Deploying | 2 | 17790 | 10.03 | 8.74 | 10.09 | 8.19 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:11 | 303.4664352 | Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:12 | 303.4666667 | Deploying | 2 | 17820 | 10.07 | 8.8 | 10.11 | 8.19 | 2225 | 1604 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:12 | 303.4670139 | Deploying | 2 | 17850 | 10.09 | 8.8 | 10.12 | 8.21 | 0 | 0 | 0 | 3 | 2 | 1 | 2 |
| 10/29/2016 11:13 | 303.4673611 | Deploying | 2 | 17880 | 10.09 | 8.8 | 10.14 | 8.19 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 11:13 | 303.4677083 | Deploying | 2 | 17910 | 10.1 | 8.8 | 10.16 | 8.19 | 0 | 0 | 0 | 1 | 3 | 1 | 3 |
| 10/29/2016 11:13 | 303.4678935 | Winding down 1714 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:14 | 303.4680556 | Deploying | 2 | 17940 | 10.13 | 8.86 | 10.17 | 8.21 | 2285 | 1632 | 0 | 1 | 0 | 1 | 0 |
| 10/29/2016 11:14 | 303.4684028 | Deploying | 2 | 17970 | 10.16 | 8.86 | 10.19 | 8.21 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| 10/29/2016 11:15 | 303.4687500 | Deploying | 2 | 18000 | 10.17 | 8.86 | 10.21 | 8.17 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/29/2016 11:15 | 303.4690972 | Deploying | 2 | 18030 | 10.17 | 8.86 | 10.22 | 8.17 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/29/2016 11:15 | 303.4692477 | Winding down 1871 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:16 | 303.4694444 | Deploying | 2 | 18060 | 10.21 | 8.93 | 10.24 | 8.19 | 2256 | 1608 | 0 | 2 | 2 | 2 | 2 |
| 10/29/2016 11:16 | 303.4697917 | Deploying | 2 | 18090 | 10.26 | 8.93 | 10.26 | 8.17 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:17 | 303.4701389 | Deploying | 2 | 18120 | 10.25 | 8.93 | 10.28 | 8.17 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 11:17 | 303.4704861 | Deploying | 2 | 18150 | 10.25 | 8.93 | 10.29 | 8.17 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 10/29/2016 11:18 | 303.4708333 | Deploying | 2 | 18180 | 10.25 | 8.93 | 10.31 | 8.19 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/29/2016 11:18 | 303.4709028 | Winding down 1747 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:18 | 303.4711806 | Deploying | 2 | 18210 | 10.31 | 9 | 10.33 | 8.22 | 2126 | 1605 | 0 | 2 | 0 | 1 | 0 |
| 10/29/2016 11:19 | 303.4715278 | Deploying | 2 | 18240 | 10.32 | 9 | 10.34 | 8.21 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 11:19 | 303.4718750 | Deploying | 2 | 18270 | 10.33 | 9 | 10.36 | 8.16 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 11:20 | 303.4722222 | Deploying | 2 | 18300 | 10.33 | 9 | 10.38 | 8.19 | 0 | 0 | 0 | 1 | 3 | 2 | 3 |
| 10/29/2016 11:20 | 303.4724074 | Winding down 1489 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:20 | 303.4725694 | Deploying | 2 | 18330 | 10.36 | 9.06 | 10.39 | 8.17 | 2233 | 1600 | 0 | 0 | 0 | 1 | 0 |
| 10/29/2016 11:21 | 303.4729167 | Deploying | 2 | 18360 | 10.38 | 9.06 | 10.41 | 8.19 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 11:21 | 303.4732639 | Deploying | 2 | 18390 | 10.39 | 9.06 | 10.43 | 8.19 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/29/2016 11:22 | 303.4736111 | Deploying | 2 | 18420 | 10.39 | 9.06 | 10.45 | 8.16 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:22 | 303.4736690 | Winding down 1633 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:22 | 303.4739583 | Deploying | 2 | 18450 | 10.44 | 9.12 | 10.46 | 8.17 | 2275 | 1590 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:23 | 303.4743056 | Deploying | 2 | 18480 | 10.46 | 9.12 | 10.48 | 8.19 | 0 | 0 | 0 | 0 | -1 | 1 | -1 |
| 10/29/2016 11:23 | 303.4746528 | Deploying | 2 | 18510 | 10.46 | 9.12 | 10.5 | 8.17 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:24 | 303.4750000 | Deploying | 2 | 18540 | 10.46 | 9.12 | 10.51 | 8.21 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 11:24 | 303.4751736 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:24 | 303.4753472 | Deploying | 2 | 18570 | 10.5 | 9.18 | 10.53 | 8.16 | 2009 | 1568 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:25 | 303.4756944 | Deploying | 2 | 18600 | 10.53 | 9.18 | 10.55 | 8.19 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10/29/2016 11:25 | 303.4760417 | Deploying | 2 | 18630 | 10.53 | 9.18 | 10.56 | 8.16 | 0 | 0 | 0 | 1 | 3 | 1 | 3 |
| 10/29/2016 11:26 | 303.4763889 | Deploying | 2 | 18660 | 10.53 | 9.18 | 10.58 | 8.16 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:26 | 303.4766551 | Winding down 1438 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:26 | 303.4767361 | Deploying | 2 | 18690 | 10.55 | 9.24 | 10.6 | 8.17 | 2051 | 1570 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:27 | 303.4770833 | Deploying | 2 | 18720 | 10.6 | 9.24 | 10.62 | 8.19 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 11:27 | 303.4774306 | Deploying | 2 | 18750 | 10.6 | 9.24 | 10.63 | 8.17 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/29/2016 11:28 | 303.4777778 | Deploying | 2 | 18780 | 10.6 | 9.24 | 10.65 | 8.14 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:28 | 303.4780556 | Winding down 1827 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:28 | 303.4781250 | Deploying | 2 | 18810 | 10.6 | 9.31 | 10.67 | 8.21 | 2047 | 1566 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 11:29 | 303.4784722 | Deploying | 2 | 18840 | 10.67 | 9.31 | 10.68 | 8.17 | 0 | 0 | 0 | 0 | -1 | 1 | -1 |
| 10/29/2016 11:29 | 303.4788194 | Deploying | 2 | 18870 | 10.67 | 9.31 | 10.7 | 8.16 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 11:30 | 303.4791667 | Deploying | 2 | 18900 | 10.67 | 9.31 | 10.72 | 8.19 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/29/2016 11:30 | 303.4793981 | Winding down 1670 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:30 | 303.4795139 | Deploying | 2 | 18930 | 10.69 | 9.37 | 10.73 | 8.16 | 2259 | 1607 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:31 | 303.4798611 | Deploying | 2 | 18960 | 10.75 | 9.37 | 10.75 | 8.21 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 11:31 | 303.4802083 | Deploying | 2 | 18990 | 10.75 | 9.37 | 10.77 | 8.17 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:32 | 303.4805556 | Deploying | 2 | 19020 | 10.75 | 9.37 | 10.79 | 8.17 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 10/29/2016 11:32 | 303.4809028 | Deploying | 2 | 19050 | 10.75 | 9.37 | 10.8 | 8.14 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:32 | 303.4810880 | Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:33 | 303.4812500 | Deploying | 2 | 19080 | 10.77 | 9.43 | 10.82 | 8.19 | 2269 | 1644 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 11:33 | 303.4815972 | Deploying | 2 | 19110 | 10.82 | 9.43 | 10.84 | 8.16 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:34 | 303.4819444 | Deploying | 2 | 19140 | 10.82 | 9.43 | 10.85 | 8.19 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 10/29/2016 11:34 | 303.4822917 | Deploying | 2 | 19170 | 10.82 | 9.43 | 10.87 | 8.16 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 10/29/2016 11:34 | 303.4824769 | Winding down 1739 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:35 | 303.4826389 | Deploying | 2 | 19200 | 10.86 | 9.5 | 10.89 | 8.19 | 2213 | 1581 | 0 | 1 | 1 | 1 | 1 |
| 10/29/2016 11:35 | 303.4829861 | Deploying | 2 | 19230 | 10.89 | 9.5 | 10.9 | 8.14 | 0 | 0 | 0 | -1 | 2 | 1 | 2 |
| 10/29/2016 11:36 | 303.4833333 | Deploying | 2 | 19260 | 10.9 | 9.5 | 10.92 | 8.16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 11:36 | 303.4836806 | Deploying | 2 | 19290 | 10.89 | 9.5 | 10.94 | 8.14 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 11:36 | 303.4839815 | Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:37 | 303.4840278 | Deploying | 2 | 19320 | 10.9 | 9.56 | 10.96 | 8.19 | 2162 | 1597 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 11:37 | 303.4843750 | Deploying | 2 | 19350 | 10.95 | 9.56 | 10.97 | 8.16 | 0 | 0 | 0 | 1 | 2 | 1 | 2 |
| 10/29/2016 11:38 | 303.4847222 | Deploying | 2 | 19380 | 10.95 | 9.56 | 10.99 | 8.14 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 11:38 | 303.4850694 | Deploying | 2 | 19410 | 10.95 | 9.56 | 11.01 | 8.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 11:38 | 303.4851273 | Winding down 1483 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:39 | 303.4854167 | Deploying | 2 | 19440 | 11 | 9.61 | 11.02 | 8.16 | 2111 | 1591 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 11:39 | 303.4857639 | Deploying | 2 | 19470 | 11.02 | 9.61 | 11.04 | 8.17 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 11:40 | 303.4861111 | Deploying | 2 | 19500 | 11.02 | 9.61 | 11.06 | 8.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 11:40 | 303.4864583 | Deploying | 2 | 19530 | 11.02 | 9.61 | 11.07 | 8.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 11:40 | 303.4866898 | Winding down 1745 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 11:41 | 303.4868056 | Deploying | 2 | 19560 | 11.04 | 9.68 | 11.09 | 8.17 | 2124 | 1601 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 11:41 | 303.4871528 | Deploying | 2 | 19590 | 11.09 | 9.68 | 11.11 | 8.17 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 11:42 | 303.4875000 | Deploying | 2 | 19620 | 11.09 | 9.68 | 11.13 | 8.14 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/29/2016 11:42 | 303.4878472 | Deploying | 2 | 19650 | 11.09 | 9.68 | 11.14 | 8.14 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 11:42 | 303.4879514 | Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:43 | 303.4881944 | Deploying | 2 | 19680 | 11.13 | 9.75 | 11.16 | 8.16 | 2280 | 1590 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 11:43 | 303.4885417 | Deploying | 2 | 19710 | 11.16 | 9.75 | 11.18 | 8.16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 11:44 | 303.4888889 | Deploying | 2 | 19740 | 11.17 | 9.75 | 11.19 | 8.19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 11:44 | 303.4892361 | Deploying | 2 | 19770 | 11.17 | 9.75 | 11.21 | 8.16 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 11:45 | 303.4895833 | Deploying | 2 | 19800 | 11.16 | 9.75 | 11.23 | 8.17 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/29/2016 11:45 | 303.4896065 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:45 | 303.4899306 | Deploying | 2 | 19830 | 11.22 | 9.81 | 11.24 | 8.16 | 2070 | 1590 | 0 | -14 | -15 | -15 | -15 |
| 10/29/2016 11:46 | 303.4902778 | Deploying | 2 | 19860 | 11.24 | 9.81 | 11.26 | 8.17 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 11:46 | 303.4906250 | Deploying | 2 | 19890 | 11.24 | 9.81 | 11.28 | 8.16 | 0 | 0 | 0 | 1 | 1 | 2 | 1 |
| 10/29/2016 11:47 | 303.4909722 | Deploying | 2 | 19920 | 11.23 | 9.81 | 11.3 | 8.16 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 11:47 | 303.4910185 | Winding down 1694 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:47 | 303.4913194 | Deploying | 2 | 19950 | 11.29 | 9.88 | 11.31 | 8.16 | 2263 | 1647 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 11:48 | 303.4916667 | Deploying | 2 | 19980 | 11.31 | 9.88 | 11.33 | 8.17 | 0 | 0 | 0 | 6 | 6 | 7 | 6 |
| 10/29/2016 11:48 | 303.4920139 | Deploying | 2 | 20010 | 11.31 | 9.88 | 11.35 | 8.19 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 11:49 | 303.4923611 | Deploying | 2 | 20040 | 11.3 | 9.88 | 11.36 | 8.16 | 0 | 0 | 0 | 6 | 6 | 7 | 6 |
| 10/29/2016 11:49 | 303.4924653 | Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:49 | 303.4927083 | Deploying | 2 | 20070 | 11.34 | 9.94 | 11.38 | 8.16 | 2260 | 1592 | 0 | 14 | 14 | 15 | 14 |
| 10/29/2016 11:50 | 303.4930556 | Deploying | 2 | 20100 | 11.38 | 9.94 | 11.4 | 8.13 | 0 | 0 | 0 | 18 | 18 | 18 | 18 |
| 10/29/2016 11:50 | 303.4934028 | Deploying | 2 | 20130 | 11.38 | 9.94 | 11.41 | 8.16 | 0 | 0 | 0 | 18 | 19 | 18 | 19 |
| 10/29/2016 11:51 | 303.4937500 | Deploying | 2 | 20160 | 11.38 | 9.94 | 11.43 | 8.16 | 0 | 0 | 0 | 19 | 19 | 19 | 19 |
| 10/29/2016 11:51 | 303.4938773 | Winding down 1343 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:51 | 303.4940972 | Deploying | 2 | 20190 | 11.38 | 9.99 | 11.45 | 8.13 | 2191 | 1593 | 0 | 20 | 19 | 19 | 19 |
| 10/29/2016 11:51 | 303.4942477 | Winding down 1721 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:52 | 303.4944444 | Deploying | 2 | 20220 | 11.4 | 10.06 | 11.47 | 8.14 | 2272 | 1580 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:52 | 303.4946181 | Winding down 2000 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:52 | 303.4947917 | Deploying | 2 | 20250 | 11.4 | 10.14 | 11.48 | 8.13 | 2267 | 1592 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:52 | 303.4950000 | Winding down 2342 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:53 | 303.4951389 | Deploying | 2 | 20280 | 11.4 | 10.23 | 11.5 | 8.13 | 1994 | 1545 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:53 | 303.4953819 | Winding down 2960 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:53 | 303.4954861 | Deploying | 2 | 20310 | 11.39 | 10.34 | 11.52 | 8.17 | 2094 | 1587 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:53 | 303.4957639 | Winding down 3427 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:54 | 303.4958333 | Deploying | 2 | 20340 | 11.4 | 10.47 | 11.53 | 8.17 | 2066 | 1570 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:54 | 303.4961574 | Winding down 3859 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:54 | 303.4961806 | Deploying | 2 | 20370 | 11.4 | 10.62 | 11.55 | 8.06 | 2208 | 1610 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:55 | 303.4965278 | Deploying | 2 | 20400 | 11.39 | 10.62 | 11.57 | 8.14 | 2208 | 83 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:55 | 303.4965509 | Winding down 4440 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:55 | 303.4968750 | Deploying | 2 | 20430 | 11.4 | 10.79 | 11.58 | 8.16 | 2038 | 1539 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:55 | 303.4969560 | Winding down 4786 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:56 | 303.4972222 | Deploying | 2 | 20460 | 11.4 | 10.98 | 11.6 | 8.17 | 2164 | 1566 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:56 | 303.4973611 | Winding down 5132 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:56 | 303.4975694 | Deploying | 2 | 20490 | 11.39 | 11.18 | 11.62 | 8.16 | 2082 | 1578 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:56 | 303.4977778 | Winding down 5742 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:57 | 303.4979167 | Deploying | 2 | 20520 | 11.4 | 11.4 | 11.64 | 8.13 | 2178 | 1566 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:57 | 303.4981944 | Winding down 6402 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:57 | 303.4982639 | Deploying | 2 | 20550 | 11.39 | 11.65 | 11.65 | 8.06 | 2197 | 1573 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:58 | 303.4986111 | Deploying | 2 | 20580 | 11.4 | 11.65 | 11.67 | 8.16 | 2197 | 105 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:58 | 303.4986227 | Winding down 6776 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 11:58 | 303.4989583 | Deploying | 2 | 20610 | 11.4 | 11.91 | 11.69 | 8.11 | 2036 | 1572 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 11:58 | 303.4990509 | Winding down 7450 ticks | 3 | | | | | | | | | | | | |

| Date | Time | Value | Event | State | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 | 11:59 | 303.4993056 | Deploying | 2 | 20640 | 11.4 | 12.2 | 11.7 | 8.14 | 2153 | 1615 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 11:59 | 303.4994907 | Winding down 7689 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 11:59 | 303.4996528 | Deploying | 2 | 20670 | 11.4 | 12.49 | 11.72 | 8.13 | 2173 | 1610 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 11:59 | 303.4999306 | Winding down 8277 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:00 | 303.5000000 | Deploying | 2 | 20700 | 11.4 | 12.82 | 11.74 | 8.06 | 2210 | 1603 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:00 | 303.5003472 | Deploying | 2 | 20730 | 11.41 | 12.82 | 11.75 | 8.16 | 2210 | 100 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:00 | 303.5003819 | Winding down 8830 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:01 | 303.5006944 | Deploying | 2 | 20760 | 11.4 | 13.16 | 11.77 | 8.14 | 2032 | 1570 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:01 | 303.5008333 | Winding down 9582 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:01 | 303.5010417 | Deploying | 2 | 20790 | 11.4 | 13.53 | 11.79 | 8.16 | 2037 | 1582 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:01 | 303.5012963 | Winding down 9999 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:02 | 303.5013889 | Deploying | 2 | 20820 | 11.41 | 13.92 | 11.81 | 8.05 | 2046 | 1591 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:02 | 303.5017361 | Deploying | 2 | 20850 | 11.4 | 13.92 | 11.82 | 8.13 | 2046 | 103 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:02 | 303.5017708 | Winding down 10630 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:03 | 303.5020833 | Deploying | 2 | 20880 | 11.4 | 14.33 | 11.84 | 8.13 | 2273 | 1620 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:03 | 303.5022454 | Winding down 11160 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:03 | 303.5024306 | Deploying | 2 | 20910 | 11.4 | 14.76 | 11.86 | 8.13 | 2211 | 1618 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:03 | 303.5027315 | Winding down 11580 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:04 | 303.5027778 | Deploying | 2 | 20940 | 11.41 | 15.22 | 11.87 | 8.05 | 2026 | 1589 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:04 | 303.5031250 | Deploying | 2 | 20970 | 11.41 | 15.22 | 11.89 | 8.14 | 2026 | 109 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:04 | 303.5032176 | Winding down 12200 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:05 | 303.5034722 | Deploying | 2 | 21000 | 11.4 | 15.69 | 11.91 | 8.13 | 2257 | 1625 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:05 | 303.5037153 | Winding down 12885 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:05 | 303.5038194 | Deploying | 2 | 21030 | 11.41 | 16.19 | 11.92 | 8.05 | 2196 | 1600 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:06 | 303.5041667 | Deploying | 2 | 21060 | 11.41 | 16.19 | 11.94 | 8.14 | 2196 | 117 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:06 | 303.5042130 | Winding down 13469 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:06 | 303.5045139 | Deploying | 2 | 21090 | 11.41 | 16.72 | 11.96 | 8.14 | 2048 | 1588 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:06 | 303.5047222 | Winding down 13992 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:07 | 303.5048611 | Deploying | 2 | 21120 | 11.41 | 17.27 | 11.98 | 8.03 | 2261 | 1604 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:07 | 303.5052083 | Deploying | 2 | 21150 | 11.41 | 17.27 | 11.99 | 8.11 | 2261 | 101 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:07 | 303.5052431 | Winding down 14580 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:08 | 303.5055556 | Deploying | 2 | 21180 | 11.41 | 17.31 | 12.01 | 8.13 | 2179 | 1583 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:08 | 303.5056134 | Winding down 15058 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:08 | 303.5059028 | Deploying | 2 | 21210 | 11.41 | 17.32 | 12.03 | 8.13 | 2181 | 1716 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:08 | 303.5059722 | Winding down 15522 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:09 | 303.5062500 | Deploying | 2 | 21240 | 11.41 | 17.33 | 12.04 | 8.11 | 2319 | 1861 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:09 | 303.5063310 | Winding down 16036 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:09 | 303.5065972 | Deploying | 2 | 21270 | 11.42 | 17.34 | 12.06 | 8.14 | 2221 | 1834 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:09 | 303.5066898 | Winding down 16225 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:10 | 303.5069444 | Deploying | 2 | 21300 | 11.42 | 17.34 | 12.08 | 8.13 | 2194 | 1836 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:10 | 303.5070486 | Winding down 16690 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:10 | 303.5072917 | Deploying | 2 | 21330 | 11.42 | 17.35 | 12.09 | 8.13 | 2301 | 1879 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:10 | 303.5074074 | Winding down 17129 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:11 | 303.5076389 | Deploying | 2 | 21360 | 11.42 | 17.36 | 12.11 | 8.1 | 2307 | 1957 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:11 | 303.5077662 | Winding down 17443 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:11 | 303.5079861 | Deploying | 2 | 21390 | 11.42 | 17.37 | 12.13 | 8.13 | 2312 | 1990 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:11 | 303.5081250 | Winding down 17907 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:12 | 303.5083333 | Deploying | 2 | 21420 | 11.42 | 17.38 | 12.15 | 8.13 | 2324 | 2315 | 0 | 20 | 20 | 20 | 20 |
| 10/29/2016 | 12:12 | 303.5084838 | Winding down 18196 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:12 | 303.5084954 | Overcurrent (motor jam) condition detected | 5 | | | | | | | | | | | | |
| 10/29/2016 | 12:12 | 303.5084954 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/29/2016 | 12:12 | 303.5085301 | Winding up 1850 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:12 | 303.5085532 | Winding up 3125 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 | 12:12 | 303.5085995 | Winding up 5625 ticks | 3 | | | | | | | | | | | | |

| 10/29/2016 12:12 | 303.5086690 Winding up 9325 ticks | 3 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 12:12 | 303.5086806 Rewinding | 5 | 21434 | 11.43 | 16.6 | 11.05 | 8.13 | 1147 | 826 |
| 10/29/2016 12:12 | 303.5087847 Winding up 15600 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5088657 Winding up 20025 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5088773 Winding up 20650 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5088889 Winding up 21225 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5089005 Winding up 21925 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5089120 Winding up 22550 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5089236 Winding up 23200 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5089352 Winding up 23825 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5089468 Winding up 24450 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5089583 Winding up 25075 ticks | 3 | | | | | | | |
| 10/29/2016 12:12 | 303.5089699 Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 10/29/2016 12:12 | 303.5089699 State 5 (FINISHED) | 5 | | | | | | | |
| 10/29/2016 12:57 | 303.5399769 Manual stop | 5 | | | | | | | |
| 10/29/2016 12:57 | 303.5399769 State 1 (IDLE) | 5 | | | | | | | |
| 10/29/2016 12:57 | 303.5399884 Manually spooling out | 5 | | | | | | | |
| 10/29/2016 12:57 | 303.5399884 State 7 (MANUAL) | 5 | | | | | | | |
| 10/29/2016 12:57 | 303.5400000 Winding down 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:57 | 303.5400347 Winding down 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:57 | 303.5400463 Manual stop | 5 | | | | | | | |
| 10/29/2016 12:57 | 303.5400463 State 1 (IDLE) | 5 | | | | | | | |
| 10/29/2016 12:58 | 303.5406481 Manually spooling in | 5 | | | | | | | |
| 10/29/2016 12:58 | 303.5406481 State 7 (MANUAL) | 5 | | | | | | | |
| 10/29/2016 12:58 | 303.5406597 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5406829 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5407060 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5407292 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5407523 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5407755 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5407986 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5408218 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5408449 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5408681 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5408912 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5409144 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5409375 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:58 | 303.5409606 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5409838 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5410069 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5410301 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5410532 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5410764 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5410995 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5411227 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5411458 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5411690 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5411921 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5412153 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5412384 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5412616 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5412847 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5413079 Winding up 1960 ticks | 3 | | | | | | | |
| 10/29/2016 12:59 | 303.5413310 Winding up 1960 ticks | 3 | | | | | | | |

| | | | |
|---|---|---|---|
| 10/29/2016 12:59 | 303.5413542 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5413773 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5414005 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5414236 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5414468 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5414699 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5414931 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5415162 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5415394 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5415625 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5415856 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5416088 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5416319 | Winding up 1960 ticks | 3 |
| 10/29/2016 12:59 | 303.5416551 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5416782 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5417014 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5417245 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5417477 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5417708 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5417940 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5418171 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5418403 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5418634 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5418866 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5419097 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5419329 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5419560 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5419792 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5420023 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5420255 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5420486 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5420718 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5420949 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5421181 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5421412 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5421644 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5421875 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5422106 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5422338 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5422569 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5422801 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5423032 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5423264 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:00 | 303.5423495 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5423727 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5423958 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5424190 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5424421 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5424653 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5424884 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5425116 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5425347 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5425579 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5425810 | Winding up 1960 ticks | 3 |

| | | | |
|---|---|---|---|
| 10/29/2016 13:01 | 303.5426042 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5426273 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5426505 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5426736 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5426968 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5427199 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5427431 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5427662 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5427894 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5428125 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5428356 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5428588 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5428819 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5429051 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5429282 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5429514 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5429745 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5429977 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5430208 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:01 | 303.5430440 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5430671 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5430903 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5431134 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5431366 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5431597 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5431829 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5432060 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5432292 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5432523 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5432755 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5432986 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5433218 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5433449 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5433681 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5433912 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5434144 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5434375 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5434606 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5434838 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5435069 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5435301 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5435532 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5435764 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5435995 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5436227 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5436458 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5436690 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5436921 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5437153 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:02 | 303.5437384 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5437616 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5437847 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5438079 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5438310 | Winding up 1960 ticks | 3 |

| | | | |
|---|---|---|---|
| 10/29/2016 13:03 | 303.5438542 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5438773 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5439005 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5439236 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5439468 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5439699 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5439931 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5440162 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5440394 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5440625 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5440856 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5441088 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5441319 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5441551 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5441782 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5442014 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5442245 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5442477 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5442708 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5442940 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5443171 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5443403 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5443634 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5443866 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5444097 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:03 | 303.5444329 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5444560 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5444792 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5445023 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5445255 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5445486 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5445718 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5445949 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5446181 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5446412 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5446644 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5446875 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5447106 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5447338 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5447569 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5447801 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5448032 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5448264 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5448495 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5448727 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5448958 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5449190 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5449421 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5449653 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5449884 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5450116 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5450347 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5450579 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5450810 | Winding up 1960 ticks | 3 |

| | | | |
|---|---|---|---|
| 10/29/2016 13:04 | 303.5451042 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:04 | 303.5451273 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5451505 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5451736 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5451968 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5452199 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5452431 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5452662 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5452894 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5453125 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5453356 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5453588 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5453819 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5454051 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5454282 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5454514 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5454745 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5454977 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5455208 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5455440 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5455671 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5455903 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5456134 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5456366 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5456597 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5456829 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5457060 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5457292 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5457523 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5457755 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5457986 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:05 | 303.5458218 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:06 | 303.5458449 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:06 | 303.5458681 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:06 | 303.5458912 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:06 | 303.5459144 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:06 | 303.5459375 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:06 | 303.5459606 | Winding up 1960 ticks | 3 |
| 10/29/2016 13:06 | 303.5459606 | State 1 (IDLE) | 5 |

DPS7-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:30 | 303.6875000 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/28/2016 16:30 | 303.6878472 | Deploying | 2 | 30 | 0.28 | 0 | 0.02 | 8.17 | 0 | 0 | 0 | -12 | -11 | -10 | -11 |
| 10/28/2016 16:31 | 303.6881944 | Deploying | 2 | 60 | 0.27 | 0 | 0.04 | 8.17 | 0 | 0 | 0 | -11 | -14 | -12 | -14 |
| 10/28/2016 16:31 | 303.6885417 | Deploying | 2 | 90 | 0.28 | 0 | 0.06 | 8.13 | 0 | 0 | 0 | -12 | -12 | -12 | -12 |
| 10/28/2016 16:32 | 303.6888889 | Deploying | 2 | 120 | 0.27 | 0 | 0.08 | 8.13 | 0 | 0 | 0 | -11 | -12 | -12 | -12 |
| 10/28/2016 16:32 | 303.6892361 | Deploying | 2 | 150 | 0.27 | 0 | 0.09 | 8.16 | 0 | 0 | 0 | -12 | -8 | -9 | -8 |
| 10/28/2016 16:33 | 303.6895833 | Deploying | 2 | 180 | 0.27 | 0 | 0.11 | 8.13 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 16:33 | 303.6899306 | Deploying | 2 | 210 | 0.27 | 0 | 0.13 | 8.13 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 16:34 | 303.6902778 | Deploying | 2 | 240 | 0.27 | 0 | 0.14 | 8.13 | 0 | 0 | 0 | -10 | -6 | -8 | -6 |
| 10/28/2016 16:34 | 303.6906250 | Deploying | 2 | 270 | 0.27 | 0 | 0.16 | 8.14 | 0 | 0 | 0 | -10 | -7 | -7 | -7 |
| 10/28/2016 16:35 | 303.6909722 | Deploying | 2 | 300 | 0.27 | 0 | 0.18 | 8.13 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 10/28/2016 16:35 | 303.6913194 | Deploying | 2 | 330 | 0.27 | 0 | 0.19 | 8.13 | 0 | 0 | 0 | -11 | -9 | -9 | -9 |
| 10/28/2016 16:36 | 303.6916667 | Deploying | 2 | 360 | 0.28 | 0 | 0.21 | 8.13 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 16:36 | 303.6920139 | Deploying | 2 | 390 | 0.28 | 0 | 0.23 | 8.17 | 0 | 0 | 0 | -10 | -6 | -8 | -6 |
| 10/28/2016 16:37 | 303.6923611 | Deploying | 2 | 420 | 0.28 | 0 | 0.25 | 8.14 | 0 | 0 | 0 | -12 | -9 | -9 | -9 |
| 10/28/2016 16:37 | 303.6927083 | Deploying | 2 | 450 | 0.27 | 0 | 0.26 | 8.17 | 0 | 0 | 0 | -10 | -12 | -11 | -12 |
| 10/28/2016 16:38 | 303.6930556 | Deploying | 2 | 480 | 0.28 | 0 | 0.28 | 8.11 | 0 | 0 | 0 | -12 | -13 | -11 | -13 |
| 10/28/2016 16:38 | 303.6934028 | Deploying | 2 | 510 | 0.28 | 0 | 0.3 | 8.14 | 0 | 0 | 0 | -14 | -12 | -11 | -12 |
| 10/28/2016 16:39 | 303.6937500 | Deploying | 2 | 540 | 0.28 | 0 | 0.31 | 8.13 | 0 | 0 | 0 | -12 | -8 | -8 | -8 |
| 10/28/2016 16:39 | 303.6940972 | Deploying | 2 | 570 | 0.27 | 0 | 0.33 | 8.14 | 0 | 0 | 0 | -10 | -7 | -8 | -7 |
| 10/28/2016 16:39 | 303.6943403 | Winding down 1935 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:40 | 303.6944444 | Deploying | 2 | 600 | 0.28 | 0.07 | 0.35 | 8.14 | 1212 | 880 | 0 | -3 | -8 | -7 | -8 |
| 10/28/2016 16:40 | 303.6947917 | Deploying | 2 | 630 | 0.32 | 0.07 | 0.36 | 8.13 | 0 | 0 | 0 | -9 | -10 | -8 | -10 |
| 10/28/2016 16:41 | 303.6951389 | Deploying | 2 | 660 | 0.32 | 0.07 | 0.38 | 8.17 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |
| 10/28/2016 16:41 | 303.6951505 | Winding down 1476 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:41 | 303.6954861 | Deploying | 2 | 690 | 0.37 | 0.13 | 0.4 | 8.14 | 1301 | 1018 | 0 | -9 | -7 | -7 | -7 |
| 10/28/2016 16:42 | 303.6958333 | Deploying | 2 | 720 | 0.37 | 0.13 | 0.42 | 8.16 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 10/28/2016 16:42 | 303.6961690 | Winding down 1673 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:42 | 303.6961806 | Deploying | 2 | 750 | 0.37 | 0.19 | 0.43 | 8.14 | 1348 | 1012 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 16:43 | 303.6965278 | Deploying | 2 | 780 | 0.44 | 0.19 | 0.45 | 8.13 | 1348 | 73 | 0 | -11 | -11 | -9 | -11 |
| 10/28/2016 16:43 | 303.6968750 | Deploying | 2 | 810 | 0.44 | 0.19 | 0.47 | 8.13 | 0 | 0 | 0 | -12 | -10 | -9 | -10 |
| 10/28/2016 16:44 | 303.6972222 | Deploying | 2 | 840 | 0.44 | 0.19 | 0.48 | 8.14 | 0 | 0 | 0 | -11 | -9 | -9 | -9 |
| 10/28/2016 16:44 | 303.6975694 | Deploying | 2 | 870 | 0.44 | 0.19 | 0.5 | 8.14 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 16:44 | 303.6976505 | Winding down 1711 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:45 | 303.6979167 | Deploying | 2 | 900 | 0.48 | 0.26 | 0.52 | 8.16 | 1330 | 1035 | 0 | -9 | -8 | -8 | -8 |
| 10/28/2016 16:45 | 303.6982639 | Deploying | 2 | 930 | 0.52 | 0.26 | 0.53 | 8.14 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 16:46 | 303.6986111 | Deploying | 2 | 960 | 0.5 | 0.26 | 0.55 | 8.13 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 16:46 | 303.6988657 | Winding down 1449 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:46 | 303.6989583 | Deploying | 2 | 990 | 0.52 | 0.31 | 0.57 | 8.13 | 1458 | 1105 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 16:47 | 303.6993056 | Deploying | 2 | 1020 | 0.57 | 0.31 | 0.59 | 8.14 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 16:47 | 303.6996528 | Deploying | 2 | 1050 | 0.57 | 0.31 | 0.6 | 8.16 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 10/28/2016 16:48 | 303.7000000 | Deploying | 2 | 1080 | 0.56 | 0.31 | 0.62 | 8.11 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 10/28/2016 16:48 | 303.7001042 | Winding down 1390 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:48 | 303.7003472 | Deploying | 2 | 1110 | 0.62 | 0.36 | 0.64 | 8.13 | 1439 | 1086 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 16:49 | 303.7006944 | Deploying | 2 | 1140 | 0.63 | 0.36 | 0.65 | 8.14 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 10/28/2016 16:49 | 303.7010417 | Deploying | 2 | 1170 | 0.62 | 0.36 | 0.67 | 8.13 | 0 | 0 | 0 | -10 | -6 | -7 | -6 |
| 10/28/2016 16:50 | 303.7013889 | Deploying | 2 | 1200 | 0.64 | 0.36 | 0.69 | 8.13 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 16:50 | 303.7015278 | Winding down 1632 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:50 | 303.7017361 | Deploying | 2 | 1230 | 0.66 | 0.42 | 0.7 | 8.13 | 1373 | 1074 | 0 | -10 | -9 | -7 | -9 |
| 10/28/2016 16:51 | 303.7020833 | Deploying | 2 | 1260 | 0.7 | 0.42 | 0.72 | 8.1 | 0 | 0 | 0 | -10 | -9 | -8 | -9 |
| 10/28/2016 16:51 | 303.7024306 | Deploying | 2 | 1290 | 0.7 | 0.42 | 0.74 | 8.13 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 16:52 | 303.7027778 | Deploying | 2 | 1320 | 0.7 | 0.42 | 0.76 | 8.14 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 16:52 | 303.7029745 | Winding down 1403 ticks | 3 | | | | | | | | | | | | |

| 10/28/2016 16:52 | 303.7031250 Deploying | 2 | 1350 | 0.72 | 0.48 | 0.77 | 8.14 | 1330 | 1069 | 0 | -10 | -9 | -7 | -9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 16:53 | 303.7034722 Deploying | 2 | 1380 | 0.76 | 0.48 | 0.79 | 8.14 | 0 | 0 | 0 | -8 | -8 | -8 | -8 |
| 10/28/2016 16:53 | 303.7038194 Deploying | 2 | 1410 | 0.78 | 0.48 | 0.81 | 8.13 | 0 | 0 | 0 | -10 | -9 | -8 | -9 |
| 10/28/2016 16:54 | 303.7041667 Deploying | 2 | 1440 | 0.75 | 0.48 | 0.82 | 8.11 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 16:54 | 303.7042014 Winding down 1880 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:54 | 303.7045139 Deploying | 2 | 1470 | 0.82 | 0.55 | 0.84 | 8.13 | 1418 | 1093 | 0 | -11 | -8 | -8 | -8 |
| 10/28/2016 16:55 | 303.7048611 Deploying | 2 | 1500 | 0.84 | 0.55 | 0.86 | 8.11 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 10/28/2016 16:55 | 303.7052083 Deploying | 2 | 1530 | 0.82 | 0.55 | 0.87 | 8.13 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 10/28/2016 16:55 | 303.7053472 Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:56 | 303.7055556 Deploying | 2 | 1560 | 0.87 | 0.61 | 0.89 | 8.13 | 1498 | 1117 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 16:56 | 303.7059028 Deploying | 2 | 1590 | 0.9 | 0.61 | 0.91 | 8.13 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 16:57 | 303.7062500 Deploying | 2 | 1620 | 0.89 | 0.61 | 0.93 | 8.11 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 16:57 | 303.7065972 Deploying | 2 | 1650 | 0.89 | 0.61 | 0.94 | 8.11 | 0 | 0 | 0 | -10 | -7 | -8 | -7 |
| 10/28/2016 16:57 | 303.7067824 Winding down 1439 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 16:58 | 303.7069444 Deploying | 2 | 1680 | 0.93 | 0.66 | 0.96 | 8.11 | 1448 | 1118 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 16:58 | 303.7072917 Deploying | 2 | 1710 | 0.95 | 0.66 | 0.98 | 8.13 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 10/28/2016 16:59 | 303.7076389 Deploying | 2 | 1740 | 0.95 | 0.66 | 0.99 | 8.13 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 10/28/2016 16:59 | 303.7079861 Deploying | 2 | 1770 | 0.95 | 0.66 | 1.01 | 8.11 | 0 | 0 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 16:59 | 303.7080440 Winding down 1608 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:00 | 303.7083333 Deploying | 2 | 1800 | 1.02 | 0.72 | 1.03 | 8.11 | 1339 | 1073 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 17:00 | 303.7086806 Deploying | 2 | 1830 | 1.02 | 0.72 | 1.04 | 8.1 | 0 | 0 | 0 | -8 | -6 | -7 | -6 |
| 10/28/2016 17:01 | 303.7090278 Deploying | 2 | 1860 | 1.02 | 0.72 | 1.06 | 8.06 | 0 | 0 | 0 | -7 | -8 | -7 | -8 |
| 10/28/2016 17:01 | 303.7093750 Deploying | 2 | 1890 | 1.03 | 0.72 | 1.08 | 8.1 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 17:02 | 303.7097222 Deploying | 2 | 1920 | 1.02 | 0.72 | 1.1 | 8.1 | 0 | 0 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 17:02 | 303.7097222 Winding down 1887 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:02 | 303.7100694 Deploying | 2 | 1950 | 1.1 | 0.79 | 1.11 | 8.11 | 1412 | 1101 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 17:03 | 303.7104167 Deploying | 2 | 1980 | 1.11 | 0.79 | 1.13 | 8.06 | 0 | 0 | 0 | -9 | -6 | -6 | -6 |
| 10/28/2016 17:03 | 303.7107639 Deploying | 2 | 2010 | 1.1 | 0.79 | 1.15 | 8.14 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 17:04 | 303.7111111 Deploying | 2 | 2040 | 1.1 | 0.79 | 1.16 | 8.1 | 0 | 0 | 0 | -7 | -8 | -6 | -8 |
| 10/28/2016 17:04 | 303.7111111 Winding down 1662 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:04 | 303.7114583 Deploying | 2 | 2070 | 1.18 | 0.86 | 1.18 | 8.11 | 1393 | 1111 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 17:05 | 303.7118056 Deploying | 2 | 2100 | 1.17 | 0.86 | 1.2 | 8.1 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 17:05 | 303.7121528 Deploying | 2 | 2130 | 1.17 | 0.86 | 1.21 | 8.11 | 0 | 0 | 0 | -7 | -7 | -6 | -7 |
| 10/28/2016 17:06 | 303.7125000 Deploying | 2 | 2160 | 1.17 | 0.86 | 1.23 | 8.08 | 0 | 0 | 0 | -9 | -6 | -6 | -6 |
| 10/28/2016 17:06 | 303.7125116 Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:06 | 303.7128472 Deploying | 2 | 2190 | 1.23 | 0.92 | 1.25 | 8.11 | 1429 | 1110 | 0 | -9 | -10 | -7 | -10 |
| 10/28/2016 17:07 | 303.7131944 Deploying | 2 | 2220 | 1.23 | 0.92 | 1.27 | 8.1 | 0 | 0 | 0 | -9 | -8 | -6 | -8 |
| 10/28/2016 17:07 | 303.7135417 Deploying | 2 | 2250 | 1.23 | 0.92 | 1.28 | 8.11 | 0 | 0 | 0 | -8 | -6 | -6 | -6 |
| 10/28/2016 17:07 | 303.7137500 Winding down 1742 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:08 | 303.7138889 Deploying | 2 | 2280 | 1.26 | 0.98 | 1.3 | 8.1 | 1436 | 1125 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 17:08 | 303.7142361 Deploying | 2 | 2310 | 1.3 | 0.98 | 1.32 | 8.13 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 17:09 | 303.7145833 Deploying | 2 | 2340 | 1.31 | 0.98 | 1.33 | 8.11 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 17:09 | 303.7149306 Deploying | 2 | 2370 | 1.31 | 0.98 | 1.35 | 8.1 | 0 | 0 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 17:10 | 303.7152778 Deploying | 2 | 2400 | 1.31 | 0.98 | 1.37 | 8.11 | 0 | 0 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 17:10 | 303.7153356 Winding down 1383 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:10 | 303.7156250 Deploying | 2 | 2430 | 1.35 | 1.04 | 1.38 | 8.08 | 1390 | 1096 | 0 | -8 | -9 | -7 | -9 |
| 10/28/2016 17:11 | 303.7159722 Deploying | 2 | 2460 | 1.38 | 1.04 | 1.4 | 8.11 | 0 | 0 | 0 | -9 | -7 | -7 | -7 |
| 10/28/2016 17:11 | 303.7163194 Deploying | 2 | 2490 | 1.37 | 1.04 | 1.42 | 8.1 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 17:11 | 303.7165278 Winding down 1617 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:12 | 303.7166667 Deploying | 2 | 2520 | 1.38 | 1.1 | 1.44 | 8.08 | 1411 | 1105 | 0 | -8 | -7 | -6 | -7 |
| 10/28/2016 17:12 | 303.7170139 Deploying | 2 | 2550 | 1.42 | 1.1 | 1.45 | 8.1 | 0 | 0 | 0 | -10 | -7 | -7 | -7 |
| 10/28/2016 17:13 | 303.7173611 Deploying | 2 | 2580 | 1.42 | 1.1 | 1.47 | 8.08 | 0 | 0 | 0 | -9 | -10 | -7 | -10 |
| 10/28/2016 17:13 | 303.7175231 Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:13 | 303.7177083 Deploying | 2 | 2610 | 1.46 | 1.15 | 1.49 | 8.1 | 1410 | 1123 | 0 | -8 | -8 | -7 | -8 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:14 | 303.7180556 | Deploying | 2 | 2640 | 1.49 | 1.15 | 1.5 | 8.11 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 17:14 | 303.7184028 | Deploying | 2 | 2670 | 1.48 | 1.15 | 1.52 | 8.11 | 0 | 0 | 0 | -10 | -4 | -7 | -4 |
| 10/28/2016 17:15 | 303.7187500 | Deploying | 2 | 2700 | 1.49 | 1.15 | 1.54 | 8.11 | 0 | 0 | 0 | -6 | -7 | -7 | -7 |
| 10/28/2016 17:15 | 303.7190856 | Winding down 1723 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:15 | 303.7190972 | Deploying | 2 | 2730 | 1.49 | 1.22 | 1.55 | 8.13 | 1441 | 1112 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 17:16 | 303.7194444 | Deploying | 2 | 2760 | 1.55 | 1.22 | 1.57 | 8.08 | 1441 | 26 | 0 | -9 | -6 | -6 | -6 |
| 10/28/2016 17:16 | 303.7197917 | Deploying | 2 | 2790 | 1.55 | 1.22 | 1.59 | 8.11 | 0 | 0 | 0 | -5 | -6 | -7 | -6 |
| 10/28/2016 17:17 | 303.7201389 | Deploying | 2 | 2820 | 1.57 | 1.22 | 1.61 | 8.11 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 10/28/2016 17:17 | 303.7204861 | Deploying | 2 | 2850 | 1.56 | 1.22 | 1.62 | 8.1 | 0 | 0 | 0 | -7 | -7 | -7 | -7 |
| 10/28/2016 17:17 | 303.7205324 | Winding down 1719 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:18 | 303.7208333 | Deploying | 2 | 2880 | 1.62 | 1.28 | 1.64 | 8.11 | 1426 | 1101 | 0 | -9 | -9 | -7 | -9 |
| 10/28/2016 17:18 | 303.7211806 | Deploying | 2 | 2910 | 1.63 | 1.28 | 1.66 | 8.06 | 0 | 0 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 17:19 | 303.7215278 | Deploying | 2 | 2940 | 1.63 | 1.28 | 1.67 | 8.1 | 0 | 0 | 0 | -11 | -10 | -8 | -10 |
| 10/28/2016 17:19 | 303.7218750 | Deploying | 2 | 2970 | 1.63 | 1.28 | 1.69 | 8.08 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 17:19 | 303.7220023 | Winding down 1593 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:20 | 303.7222222 | Deploying | 2 | 3000 | 1.67 | 1.34 | 1.71 | 8.08 | 1424 | 1109 | 0 | -8 | -8 | -7 | -8 |
| 10/28/2016 17:20 | 303.7225694 | Deploying | 2 | 3030 | 1.71 | 1.34 | 1.72 | 8.08 | 0 | 0 | 0 | -10 | -6 | -7 | -6 |
| 10/28/2016 17:21 | 303.7229167 | Deploying | 2 | 3060 | 1.69 | 1.34 | 1.74 | 8.08 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 17:21 | 303.7231597 | Winding down 1460 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:21 | 303.7232639 | Deploying | 2 | 3090 | 1.72 | 1.4 | 1.76 | 8.13 | 1394 | 1099 | 0 | -7 | -9 | -7 | -9 |
| 10/28/2016 17:22 | 303.7236111 | Deploying | 2 | 3120 | 1.74 | 1.4 | 1.78 | 8.11 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 17:22 | 303.7239583 | Deploying | 2 | 3150 | 1.75 | 1.4 | 1.79 | 8.08 | 0 | 0 | 0 | -9 | -10 | -7 | -10 |
| 10/28/2016 17:23 | 303.7243056 | Deploying | 2 | 3180 | 1.76 | 1.4 | 1.81 | 8.08 | 0 | 0 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 17:23 | 303.7245255 | Winding down 1706 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:23 | 303.7246528 | Deploying | 2 | 3210 | 1.77 | 1.46 | 1.83 | 8.1 | 1472 | 1096 | 0 | -6 | -7 | -6 | -7 |
| 10/28/2016 17:24 | 303.7250000 | Deploying | 2 | 3240 | 1.82 | 1.46 | 1.84 | 8.11 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 10/28/2016 17:24 | 303.7253472 | Deploying | 2 | 3270 | 1.83 | 1.46 | 1.86 | 8.1 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 17:25 | 303.7256944 | Deploying | 2 | 3300 | 1.82 | 1.46 | 1.88 | 8.11 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 10/28/2016 17:25 | 303.7258333 | Winding down 1582 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:25 | 303.7260417 | Deploying | 2 | 3330 | 1.86 | 1.52 | 1.89 | 8.11 | 1379 | 1110 | 0 | -7 | -8 | -8 | -8 |
| 10/28/2016 17:26 | 303.7263889 | Deploying | 2 | 3360 | 1.89 | 1.52 | 1.91 | 8.13 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 10/28/2016 17:26 | 303.7267361 | Deploying | 2 | 3390 | 1.89 | 1.52 | 1.93 | 8.1 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 10/28/2016 17:27 | 303.7270833 | Deploying | 2 | 3420 | 1.89 | 1.52 | 1.95 | 8.06 | 0 | 0 | 0 | -9 | -7 | -8 | -7 |
| 10/28/2016 17:27 | 303.7271296 | Winding down 1444 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:27 | 303.7274306 | Deploying | 2 | 3450 | 1.93 | 1.58 | 1.96 | 8.1 | 1442 | 1123 | 0 | -10 | -7 | -8 | -7 |
| 10/28/2016 17:28 | 303.7277778 | Deploying | 2 | 3480 | 1.95 | 1.58 | 1.98 | 8.08 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 17:28 | 303.7281250 | Deploying | 2 | 3510 | 1.94 | 1.58 | 2 | 8.08 | 0 | 0 | 0 | -7 | -6 | -6 | -6 |
| 10/28/2016 17:28 | 303.7283449 | Winding down 1481 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:29 | 303.7284722 | Deploying | 2 | 3540 | 1.97 | 1.63 | 2.01 | 8.1 | 1536 | 1131 | 0 | -9 | -10 | -8 | -10 |
| 10/28/2016 17:29 | 303.7288194 | Deploying | 2 | 3570 | 2.01 | 1.63 | 2.03 | 8.1 | 0 | 0 | 0 | -9 | -8 | -7 | -8 |
| 10/28/2016 17:30 | 303.7291667 | Deploying | 2 | 3600 | 2 | 1.63 | 2.05 | 8.1 | 0 | 0 | 0 | -9 | -9 | -7 | -9 |
| 10/28/2016 17:30 | 303.7295139 | Deploying | 2 | 3630 | 2.01 | 1.63 | 2.06 | 8.06 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 17:30 | 303.7297222 | Winding down 1767 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:31 | 303.7298611 | Deploying | 2 | 3660 | 2.04 | 1.7 | 2.08 | 8.11 | 1473 | 1123 | 0 | -10 | -10 | -8 | -10 |
| 10/28/2016 17:31 | 303.7302083 | Deploying | 2 | 3690 | 2.09 | 1.7 | 2.1 | 8.11 | 0 | 0 | 0 | -9 | -10 | -8 | -10 |
| 10/28/2016 17:32 | 303.7305556 | Deploying | 2 | 3720 | 2.09 | 1.7 | 2.12 | 8.08 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 17:32 | 303.7309028 | Deploying | 2 | 3750 | 2.09 | 1.7 | 2.13 | 8.1 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 17:33 | 303.7312500 | Deploying | 2 | 3780 | 2.09 | 1.7 | 2.15 | 8.08 | 0 | 0 | 0 | -10 | -9 | -8 | -9 |
| 10/28/2016 17:33 | 303.7312963 | Winding down 1619 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:33 | 303.7315972 | Deploying | 2 | 3810 | 2.14 | 1.76 | 2.17 | 8.1 | 1421 | 1111 | 0 | -10 | -7 | -8 | -7 |
| 10/28/2016 17:34 | 303.7319444 | Deploying | 2 | 3840 | 2.14 | 1.76 | 2.18 | 8.13 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 17:34 | 303.7322917 | Deploying | 2 | 3870 | 2.15 | 1.76 | 2.2 | 8.14 | 0 | 0 | 0 | -9 | -9 | -9 | -9 |
| 10/28/2016 17:34 | 303.7325694 | Winding down 1627 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:35 | 303.7326389 | Deploying | 2 | 3900 | 2.16 | 1.82 | 2.22 | 8.1 | 1447 | 1111 | 0 | -12 | -11 | -9 | -11 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:35 | 303.7329861 | Deploying | 2 | 3930 | 2.22 | 1.82 | 2.23 | 8.08 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 17:36 | 303.7333333 | Deploying | 2 | 3960 | 2.21 | 1.82 | 2.25 | 8.08 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 17:36 | 303.7336806 | Deploying | 2 | 3990 | 2.21 | 1.82 | 2.27 | 8.11 | 0 | 0 | 0 | -9 | -10 | -8 | -10 |
| 10/28/2016 17:36 | 303.7337037 | Winding down 1565 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:37 | 303.7340278 | Deploying | 2 | 4020 | 2.26 | 1.88 | 2.29 | 8.08 | 1396 | 1104 | 0 | -12 | -7 | -9 | -7 |
| 10/28/2016 17:37 | 303.7343750 | Deploying | 2 | 4050 | 2.26 | 1.88 | 2.3 | 8.06 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 17:38 | 303.7347222 | Deploying | 2 | 4080 | 2.28 | 1.88 | 2.32 | 8.06 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 17:38 | 303.7350694 | Deploying | 2 | 4110 | 2.28 | 1.88 | 2.34 | 8.1 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 17:38 | 303.7351736 | Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:39 | 303.7354167 | Deploying | 2 | 4140 | 2.33 | 1.94 | 2.35 | 8.06 | 1371 | 1082 | 0 | -8 | -10 | -9 | -10 |
| 10/28/2016 17:39 | 303.7357639 | Deploying | 2 | 4170 | 2.34 | 1.94 | 2.37 | 8.08 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 17:40 | 303.7361111 | Deploying | 2 | 4200 | 2.35 | 1.94 | 2.39 | 8.08 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 17:40 | 303.7364583 | Deploying | 2 | 4230 | 2.34 | 1.94 | 2.4 | 8.11 | 0 | 0 | 0 | -6 | -7 | -8 | -7 |
| 10/28/2016 17:40 | 303.7366204 | Winding down 1935 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:41 | 303.7368056 | Deploying | 2 | 4260 | 2.38 | 2.01 | 2.42 | 8.11 | 1471 | 1134 | 0 | -9 | -6 | -7 | -6 |
| 10/28/2016 17:41 | 303.7371528 | Deploying | 2 | 4290 | 2.42 | 2.01 | 2.44 | 8.11 | 0 | 0 | 0 | -10 | -10 | -8 | -10 |
| 10/28/2016 17:42 | 303.7375000 | Deploying | 2 | 4320 | 2.42 | 2.01 | 2.46 | 8.1 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 17:42 | 303.7378472 | Deploying | 2 | 4350 | 2.42 | 2.01 | 2.47 | 8.08 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 17:42 | 303.7380324 | Winding down 1564 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:43 | 303.7381944 | Deploying | 2 | 4380 | 2.44 | 2.07 | 2.49 | 8.08 | 1400 | 1112 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 17:43 | 303.7385417 | Deploying | 2 | 4410 | 2.49 | 2.07 | 2.51 | 8.1 | 0 | 0 | 0 | -10 | -11 | -9 | -11 |
| 10/28/2016 17:44 | 303.7388889 | Deploying | 2 | 4440 | 2.49 | 2.07 | 2.52 | 8.1 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 17:44 | 303.7392361 | Deploying | 2 | 4470 | 2.49 | 2.07 | 2.54 | 8.06 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 17:44 | 303.7394676 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:45 | 303.7395833 | Deploying | 2 | 4500 | 2.51 | 2.13 | 2.56 | 8.06 | 1345 | 1083 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 17:45 | 303.7399306 | Deploying | 2 | 4530 | 2.54 | 2.13 | 2.57 | 8.1 | 0 | 0 | 0 | -9 | -10 | -8 | -10 |
| 10/28/2016 17:46 | 303.7402778 | Deploying | 2 | 4560 | 2.55 | 2.13 | 2.59 | 8.11 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 17:46 | 303.7406250 | Deploying | 2 | 4590 | 2.54 | 2.13 | 2.61 | 8.06 | 0 | 0 | 0 | -9 | -9 | -9 | -9 |
| 10/28/2016 17:46 | 303.7406366 | Winding down 1751 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:47 | 303.7409722 | Deploying | 2 | 4620 | 2.61 | 2.19 | 2.63 | 8.05 | 1415 | 1118 | 0 | -7 | -9 | -8 | -9 |
| 10/28/2016 17:47 | 303.7413194 | Deploying | 2 | 4650 | 2.62 | 2.19 | 2.64 | 8.11 | 0 | 0 | 0 | -8 | -9 | -9 | -9 |
| 10/28/2016 17:48 | 303.7416667 | Deploying | 2 | 4680 | 2.62 | 2.19 | 2.66 | 8.05 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 17:48 | 303.7420139 | Deploying | 2 | 4710 | 2.61 | 2.19 | 2.68 | 8.08 | 0 | 0 | 0 | -8 | -9 | -8 | -9 |
| 10/28/2016 17:48 | 303.7420718 | Winding down 1533 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:49 | 303.7423611 | Deploying | 2 | 4740 | 2.67 | 2.25 | 2.69 | 8.08 | 1443 | 1103 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 17:49 | 303.7427083 | Deploying | 2 | 4770 | 2.69 | 2.25 | 2.71 | 8.06 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 17:50 | 303.7430556 | Deploying | 2 | 4800 | 2.68 | 2.25 | 2.73 | 8.1 | 0 | 0 | 0 | -12 | -11 | -11 | -11 |
| 10/28/2016 17:50 | 303.7434028 | Deploying | 2 | 4830 | 2.69 | 2.25 | 2.74 | 8.1 | 0 | 0 | 0 | -12 | -10 | -10 | -10 |
| 10/28/2016 17:50 | 303.7434144 | Winding down 1551 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:51 | 303.7437500 | Deploying | 2 | 4860 | 2.75 | 2.31 | 2.76 | 8.06 | 1355 | 1083 | 0 | -11 | -11 | -10 | -11 |
| 10/28/2016 17:51 | 303.7440972 | Deploying | 2 | 4890 | 2.75 | 2.31 | 2.78 | 8.08 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 10/28/2016 17:52 | 303.7444444 | Deploying | 2 | 4920 | 2.77 | 2.31 | 2.8 | 8.06 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 17:52 | 303.7447917 | Deploying | 2 | 4950 | 2.76 | 2.31 | 2.81 | 8.08 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 17:52 | 303.7449884 | Winding down 1603 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:53 | 303.7451389 | Deploying | 2 | 4980 | 2.79 | 2.37 | 2.83 | 8.08 | 1489 | 1128 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 17:53 | 303.7454861 | Deploying | 2 | 5010 | 2.82 | 2.37 | 2.85 | 8.08 | 0 | 0 | 0 | -10 | -8 | -9 | -8 |
| 10/28/2016 17:54 | 303.7458333 | Deploying | 2 | 5040 | 2.82 | 2.37 | 2.86 | 8.08 | 0 | 0 | 0 | -7 | -9 | -8 | -9 |
| 10/28/2016 17:54 | 303.7461806 | Deploying | 2 | 5070 | 2.84 | 2.37 | 2.88 | 8.1 | 0 | 0 | 0 | -9 | -9 | -9 | -9 |
| 10/28/2016 17:54 | 303.7462847 | Winding down 1265 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:55 | 303.7465278 | Deploying | 2 | 5100 | 2.86 | 2.42 | 2.9 | 8.06 | 1377 | 1110 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 17:55 | 303.7468750 | Deploying | 2 | 5130 | 2.88 | 2.42 | 2.91 | 8.1 | 0 | 0 | 0 | -8 | -10 | -9 | -10 |
| 10/28/2016 17:56 | 303.7472222 | Deploying | 2 | 5160 | 2.87 | 2.42 | 2.93 | 8.08 | 0 | 0 | 0 | -8 | -9 | -9 | -9 |
| 10/28/2016 17:56 | 303.7473958 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:56 | 303.7475694 | Deploying | 2 | 5190 | 2.91 | 2.48 | 2.95 | 8.05 | 1462 | 1106 | 0 | -10 | -8 | -9 | -8 |

| 10/28/2016 17:57 | 303.7479167 | Deploying | 2 | 5220 | 2.95 | 2.48 | 2.97 | 8.05 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:57 | 303.7482639 | Deploying | 2 | 5250 | 2.94 | 2.48 | 2.98 | 8.06 | 0 | 0 | 0 | -11 | -8 | -9 | -8 |
| 10/28/2016 17:58 | 303.7486111 | Deploying | 2 | 5280 | 2.95 | 2.48 | 3 | 8.05 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 17:58 | 303.7487963 | Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:58 | 303.7489583 | Deploying | 2 | 5310 | 2.97 | 2.54 | 3.02 | 8.1 | 1411 | 1115 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 17:59 | 303.7493056 | Deploying | 2 | 5340 | 3.01 | 2.54 | 3.03 | 8.05 | 0 | 0 | 0 | -11 | -10 | -9 | -10 |
| 10/28/2016 17:59 | 303.7496528 | Deploying | 2 | 5370 | 3.01 | 2.54 | 3.05 | 8.06 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 17:59 | 303.7499769 | Winding down 1784 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:00 | 303.7500000 | Deploying | 2 | 5400 | 3 | 2.6 | 3.07 | 7.98 | 1552 | 1135 | 0 | -9 | -9 | -9 | -9 |
| 10/28/2016 18:00 | 303.7503472 | Deploying | 2 | 5430 | 3.07 | 2.6 | 3.08 | 8.05 | 0 | 0 | 0 | -11 | -9 | -9 | -9 |
| 10/28/2016 18:01 | 303.7506944 | Deploying | 2 | 5460 | 3.07 | 2.6 | 3.1 | 8.06 | 0 | 0 | 0 | -8 | -10 | -8 | -10 |
| 10/28/2016 18:01 | 303.7510417 | Deploying | 2 | 5490 | 3.07 | 2.6 | 3.12 | 8.05 | 0 | 0 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 18:01 | 303.7512500 | Winding down 1517 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:02 | 303.7513889 | Deploying | 2 | 5520 | 3.1 | 2.66 | 3.14 | 8.08 | 1505 | 1110 | 0 | -10 | -9 | -8 | -9 |
| 10/28/2016 18:02 | 303.7517361 | Deploying | 2 | 5550 | 3.14 | 2.66 | 3.15 | 8.08 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:03 | 303.7520833 | Deploying | 2 | 5580 | 3.14 | 2.66 | 3.17 | 8.05 | 0 | 0 | 0 | -11 | -9 | -9 | -9 |
| 10/28/2016 18:03 | 303.7524306 | Deploying | 2 | 5610 | 3.14 | 2.66 | 3.19 | 8.06 | 0 | 0 | 0 | -10 | -11 | -9 | -11 |
| 10/28/2016 18:04 | 303.7527778 | Deploying | 2 | 5640 | 3.15 | 2.66 | 3.2 | 8.06 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 18:04 | 303.7530671 | Winding down 1891 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:04 | 303.7531250 | Deploying | 2 | 5670 | 3.15 | 2.73 | 3.22 | 8.1 | 1316 | 1070 | 0 | -11 | -10 | -9 | -10 |
| 10/28/2016 18:05 | 303.7534722 | Deploying | 2 | 5700 | 3.22 | 2.73 | 3.24 | 8.06 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:05 | 303.7538194 | Deploying | 2 | 5730 | 3.23 | 2.73 | 3.25 | 8.06 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 10/28/2016 18:06 | 303.7541667 | Deploying | 2 | 5760 | 3.21 | 2.73 | 3.27 | 8.06 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:06 | 303.7542477 | Winding down 1536 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:06 | 303.7545139 | Deploying | 2 | 5790 | 3.27 | 2.79 | 3.29 | 8.05 | 1474 | 1141 | 0 | -8 | -9 | -9 | -9 |
| 10/28/2016 18:07 | 303.7548611 | Deploying | 2 | 5820 | 3.29 | 2.79 | 3.31 | 8.06 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 18:07 | 303.7552083 | Deploying | 2 | 5850 | 3.27 | 2.79 | 3.32 | 8.06 | 0 | 0 | 0 | -11 | -9 | -9 | -9 |
| 10/28/2016 18:08 | 303.7555556 | Deploying | 2 | 5880 | 3.3 | 2.79 | 3.34 | 8.06 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:08 | 303.7559028 | Deploying | 2 | 5910 | 3.29 | 2.79 | 3.36 | 8.06 | 0 | 0 | 0 | -10 | -11 | -10 | -11 |
| 10/28/2016 18:08 | 303.7560185 | Winding down 2079 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:09 | 303.7562500 | Deploying | 2 | 5940 | 3.34 | 2.87 | 3.37 | 8.08 | 1392 | 1106 | 0 | -11 | -11 | -10 | -11 |
| 10/28/2016 18:09 | 303.7565972 | Deploying | 2 | 5970 | 3.36 | 2.87 | 3.39 | 8.05 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:10 | 303.7569444 | Deploying | 2 | 6000 | 3.37 | 2.87 | 3.41 | 8.06 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:10 | 303.7572917 | Deploying | 2 | 6030 | 3.36 | 2.87 | 3.42 | 8.03 | 0 | 0 | 0 | -11 | -9 | -9 | -9 |
| 10/28/2016 18:10 | 303.7574190 | Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:11 | 303.7576389 | Deploying | 2 | 6060 | 3.42 | 2.93 | 3.44 | 8.05 | 1423 | 1107 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:11 | 303.7579861 | Deploying | 2 | 6090 | 3.44 | 2.93 | 3.46 | 8.05 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 18:12 | 303.7583333 | Deploying | 2 | 6120 | 3.44 | 2.93 | 3.48 | 8.06 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:12 | 303.7586806 | Deploying | 2 | 6150 | 3.44 | 2.93 | 3.49 | 8.05 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 18:12 | 303.7588889 | Winding down 1692 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7590278 | Deploying | 2 | 6180 | 3.45 | 3 | 3.51 | 8.05 | 1499 | 1144 | 0 | -10 | -11 | -10 | -11 |
| 10/28/2016 18:13 | 303.7593750 | Deploying | 2 | 6210 | 3.51 | 3 | 3.53 | 8.06 | 0 | 0 | 0 | -10 | -10 | -10 | -10 |
| 10/28/2016 18:14 | 303.7597222 | Deploying | 2 | 6240 | 3.5 | 3 | 3.54 | 8.06 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:14 | 303.7600231 | Winding down 1255 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:14 | 303.7600694 | Deploying | 2 | 6270 | 3.51 | 3.04 | 3.56 | 8.06 | 1464 | 1132 | 0 | -11 | -11 | -9 | -11 |
| 10/28/2016 18:15 | 303.7604167 | Deploying | 2 | 6300 | 3.56 | 3.04 | 3.58 | 8.06 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:15 | 303.7607639 | Deploying | 2 | 6330 | 3.56 | 3.04 | 3.59 | 8.05 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:16 | 303.7611111 | Deploying | 2 | 6360 | 3.55 | 3.04 | 3.61 | 8.08 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:16 | 303.7612847 | Winding down 1675 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:16 | 303.7614583 | Deploying | 2 | 6390 | 3.59 | 3.11 | 3.63 | 8.03 | 1457 | 1126 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:17 | 303.7618056 | Deploying | 2 | 6420 | 3.63 | 3.11 | 3.65 | 8.06 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:17 | 303.7621528 | Deploying | 2 | 6450 | 3.63 | 3.11 | 3.66 | 8.05 | 0 | 0 | 0 | -10 | -10 | -10 | -10 |
| 10/28/2016 18:18 | 303.7625000 | Deploying | 2 | 6480 | 3.63 | 3.11 | 3.68 | 8.05 | 0 | 0 | 0 | -11 | -11 | -9 | -11 |
| 10/28/2016 18:18 | 303.7628009 | Winding down 2005 ticks | 3 | | | | | | | | | | | | |

| Date | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 18:18 | 303.7628472 | Deploying | 2 | 6510 | 3.63 | 3.18 | 3.7 | 8.06 | 1475 | 1136 | 0 | -10 | -8 | -9 | -8 |
| 10/28/2016 18:19 | 303.7631944 | Deploying | 2 | 6540 | 3.7 | 3.18 | 3.71 | 8.06 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:19 | 303.7635417 | Deploying | 2 | 6570 | 3.71 | 3.18 | 3.73 | 8.06 | 0 | 0 | 0 | -11 | -9 | -9 | -9 |
| 10/28/2016 18:20 | 303.7638889 | Deploying | 2 | 6600 | 3.72 | 3.18 | 3.75 | 8.05 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:20 | 303.7642361 | Deploying | 2 | 6630 | 3.72 | 3.18 | 3.76 | 8.05 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:20 | 303.7645023 | Winding down 1613 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:21 | 303.7645833 | Deploying | 2 | 6660 | 3.73 | 3.25 | 3.78 | 8.06 | 1356 | 1101 | 0 | -9 | -9 | -8 | -9 |
| 10/28/2016 18:21 | 303.7649306 | Deploying | 2 | 6690 | 3.78 | 3.25 | 3.8 | 8.06 | 0 | 0 | 0 | -9 | -9 | -9 | -9 |
| 10/28/2016 18:22 | 303.7652778 | Deploying | 2 | 6720 | 3.78 | 3.25 | 3.82 | 8.06 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:22 | 303.7656250 | Deploying | 2 | 6750 | 3.78 | 3.25 | 3.83 | 8.08 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:22 | 303.7658333 | Winding down 1642 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:23 | 303.7659722 | Deploying | 2 | 6780 | 3.81 | 3.31 | 3.85 | 8.03 | 1457 | 1126 | 0 | -8 | -9 | -9 | -9 |
| 10/28/2016 18:23 | 303.7663194 | Deploying | 2 | 6810 | 3.85 | 3.31 | 3.87 | 8.03 | 0 | 0 | 0 | -11 | -9 | -9 | -9 |
| 10/28/2016 18:24 | 303.7666667 | Deploying | 2 | 6840 | 3.86 | 3.31 | 3.88 | 8.03 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 18:24 | 303.7670139 | Deploying | 2 | 6870 | 3.85 | 3.31 | 3.9 | 8.05 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 10/28/2016 18:24 | 303.7672569 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:25 | 303.7673611 | Deploying | 2 | 6900 | 3.87 | 3.37 | 3.92 | 8.03 | 1396 | 1123 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 18:25 | 303.7677083 | Deploying | 2 | 6930 | 3.9 | 3.37 | 3.93 | 8.08 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 18:26 | 303.7680556 | Deploying | 2 | 6960 | 3.92 | 3.37 | 3.95 | 8.03 | 0 | 0 | 0 | -9 | -11 | -9 | -11 |
| 10/28/2016 18:26 | 303.7684028 | Deploying | 2 | 6990 | 3.92 | 3.37 | 3.97 | 8.06 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:26 | 303.7685301 | Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:27 | 303.7687500 | Deploying | 2 | 7020 | 3.95 | 3.43 | 3.99 | 8.02 | 1498 | 1145 | 0 | -10 | -11 | -9 | -11 |
| 10/28/2016 18:27 | 303.7690972 | Deploying | 2 | 7050 | 3.98 | 3.43 | 4 | 8.05 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 18:28 | 303.7694444 | Deploying | 2 | 7080 | 3.97 | 3.43 | 4.02 | 8.05 | 0 | 0 | 0 | -10 | -8 | -9 | -8 |
| 10/28/2016 18:28 | 303.7696644 | Winding down 1406 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:28 | 303.7697917 | Deploying | 2 | 7110 | 4 | 3.48 | 4.04 | 8.06 | 1529 | 1139 | 0 | -11 | -11 | -10 | -11 |
| 10/28/2016 18:29 | 303.7701389 | Deploying | 2 | 7140 | 4.03 | 3.48 | 4.05 | 8.05 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 18:29 | 303.7704861 | Deploying | 2 | 7170 | 4.02 | 3.48 | 4.07 | 8.02 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:30 | 303.7708333 | Deploying | 2 | 7200 | 4.02 | 3.48 | 4.09 | 8.05 | 0 | 0 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 18:30 | 303.7709259 | Winding down 2025 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:30 | 303.7711806 | Deploying | 2 | 7230 | 4.08 | 3.56 | 4.1 | 8.05 | 1503 | 1154 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:31 | 303.7715278 | Deploying | 2 | 7260 | 4.1 | 3.56 | 4.12 | 8.03 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 18:31 | 303.7718750 | Deploying | 2 | 7290 | 4.1 | 3.56 | 4.14 | 8.05 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 10/28/2016 18:32 | 303.7722222 | Deploying | 2 | 7320 | 4.11 | 3.56 | 4.16 | 8.03 | 0 | 0 | 0 | -11 | -11 | -10 | -11 |
| 10/28/2016 18:32 | 303.7725694 | Deploying | 2 | 7350 | 4.1 | 3.56 | 4.17 | 8.03 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:32 | 303.7726157 | Winding down 1894 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:33 | 303.7729167 | Deploying | 2 | 7380 | 4.16 | 3.63 | 4.19 | 8.05 | 1414 | 1128 | 0 | -10 | -8 | -8 | -8 |
| 10/28/2016 18:33 | 303.7732639 | Deploying | 2 | 7410 | 4.19 | 3.63 | 4.21 | 8.05 | 0 | 0 | 0 | -10 | -7 | -8 | -7 |
| 10/28/2016 18:34 | 303.7736111 | Deploying | 2 | 7440 | 4.2 | 3.63 | 4.22 | 8.03 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:34 | 303.7739120 | Winding down 1330 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:34 | 303.7739583 | Deploying | 2 | 7470 | 4.19 | 3.68 | 4.24 | 8.03 | 1509 | 1148 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:35 | 303.7743056 | Deploying | 2 | 7500 | 4.25 | 3.68 | 4.26 | 8.03 | 0 | 0 | 0 | -12 | -8 | -9 | -8 |
| 10/28/2016 18:35 | 303.7746528 | Deploying | 2 | 7530 | 4.25 | 3.68 | 4.27 | 8.03 | 0 | 0 | 0 | -11 | -10 | -9 | -10 |
| 10/28/2016 18:36 | 303.7750000 | Deploying | 2 | 7560 | 4.24 | 3.68 | 4.29 | 8.03 | 0 | 0 | 0 | -9 | -9 | -9 | -9 |
| 10/28/2016 18:36 | 303.7753472 | Deploying | 2 | 7590 | 4.26 | 3.68 | 4.31 | 8.03 | 0 | 0 | 0 | -11 | -8 | -9 | -8 |
| 10/28/2016 18:36 | 303.7754861 | Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:37 | 303.7756944 | Deploying | 2 | 7620 | 4.29 | 3.74 | 4.33 | 8.05 | 1556 | 1133 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:37 | 303.7760417 | Deploying | 2 | 7650 | 4.31 | 3.74 | 4.34 | 8.03 | 0 | 0 | 0 | -9 | -9 | -9 | -9 |
| 10/28/2016 18:38 | 303.7763889 | Deploying | 2 | 7680 | 4.31 | 3.74 | 4.36 | 8.05 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 18:38 | 303.7767361 | Deploying | 2 | 7710 | 4.31 | 3.74 | 4.38 | 8.05 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 18:38 | 303.7767477 | Winding down 1651 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:39 | 303.7770833 | Deploying | 2 | 7740 | 4.38 | 3.8 | 4.39 | 8.02 | 1355 | 1109 | 0 | -11 | -10 | -9 | -10 |
| 10/28/2016 18:39 | 303.7774306 | Deploying | 2 | 7770 | 4.39 | 3.8 | 4.41 | 8.05 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:40 | 303.7777778 | Deploying | 2 | 7800 | 4.38 | 3.8 | 4.43 | 8.03 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 18:40 | 303.7781250 | Deploying | 2 | 7830 | 4.38 | 3.8 | 4.44 | 8.03 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:40 | 303.7781829 | Winding down 1508 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:41 | 303.7784722 | Deploying | 2 | 7860 | 4.44 | 3.86 | 4.46 | 8.03 | 1479 | 1149 | 0 | -10 | -10 | -10 | -10 |
| 10/28/2016 18:41 | 303.7788194 | Deploying | 2 | 7890 | 4.45 | 3.86 | 4.48 | 8.03 | 0 | 0 | 0 | -10 | -10 | -10 | -10 |
| 10/28/2016 18:42 | 303.7791667 | Deploying | 2 | 7920 | 4.45 | 3.86 | 4.5 | 8.03 | 0 | 0 | 0 | -10 | -11 | -9 | -11 |
| 10/28/2016 18:42 | 303.7793750 | Winding down 1617 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:42 | 303.7795139 | Deploying | 2 | 7950 | 4.46 | 3.92 | 4.51 | 8 | 1382 | 1119 | 0 | -10 | -8 | -9 | -8 |
| 10/28/2016 18:43 | 303.7798611 | Deploying | 2 | 7980 | 4.51 | 3.92 | 4.53 | 8.02 | 0 | 0 | 0 | -11 | -8 | -9 | -8 |
| 10/28/2016 18:43 | 303.7802083 | Deploying | 2 | 8010 | 4.51 | 3.92 | 4.55 | 8.05 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:44 | 303.7805556 | Deploying | 2 | 8040 | 4.52 | 3.92 | 4.56 | 8.03 | 0 | 0 | 0 | -10 | -9 | -8 | -9 |
| 10/28/2016 18:44 | 303.7808449 | Winding down 1791 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:44 | 303.7809028 | Deploying | 2 | 8070 | 4.52 | 3.99 | 4.58 | 8.05 | 1471 | 1134 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:45 | 303.7812500 | Deploying | 2 | 8100 | 4.6 | 3.99 | 4.6 | 8.05 | 0 | 0 | 0 | -11 | -11 | -9 | -11 |
| 10/28/2016 18:45 | 303.7815972 | Deploying | 2 | 8130 | 4.59 | 3.99 | 4.61 | 8.03 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:46 | 303.7819444 | Deploying | 2 | 8160 | 4.59 | 3.99 | 4.63 | 8.03 | 0 | 0 | 0 | -10 | -10 | -8 | -10 |
| 10/28/2016 18:46 | 303.7822454 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:46 | 303.7822917 | Deploying | 2 | 8190 | 4.59 | 4.05 | 4.65 | 8.02 | 1398 | 1119 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:47 | 303.7826389 | Deploying | 2 | 8220 | 4.65 | 4.05 | 4.67 | 8.06 | 0 | 0 | 0 | -11 | -10 | -9 | -10 |
| 10/28/2016 18:47 | 303.7829861 | Deploying | 2 | 8250 | 4.67 | 4.05 | 4.68 | 8.03 | 0 | 0 | 0 | -11 | -11 | -9 | -11 |
| 10/28/2016 18:48 | 303.7833333 | Deploying | 2 | 8280 | 4.65 | 4.05 | 4.7 | 8.05 | 0 | 0 | 0 | -11 | -9 | -9 | -9 |
| 10/28/2016 18:48 | 303.7836111 | Winding down 1377 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:48 | 303.7836806 | Deploying | 2 | 8310 | 4.67 | 4.1 | 4.72 | 8.05 | 1491 | 1142 | 0 | -10 | -10 | -10 | -10 |
| 10/28/2016 18:49 | 303.7840278 | Deploying | 2 | 8340 | 4.71 | 4.1 | 4.73 | 8.03 | 0 | 0 | 0 | -11 | -11 | -9 | -11 |
| 10/28/2016 18:49 | 303.7843750 | Deploying | 2 | 8370 | 4.72 | 4.1 | 4.75 | 8.02 | 0 | 0 | 0 | -9 | -9 | -9 | -9 |
| 10/28/2016 18:50 | 303.7847222 | Deploying | 2 | 8400 | 4.72 | 4.1 | 4.77 | 8.02 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:50 | 303.7850694 | Deploying | 2 | 8430 | 4.72 | 4.1 | 4.78 | 8.03 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:50 | 303.7852083 | Winding down 1782 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:51 | 303.7854167 | Deploying | 2 | 8460 | 4.77 | 4.17 | 4.8 | 8.03 | 1484 | 1134 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:51 | 303.7857639 | Deploying | 2 | 8490 | 4.8 | 4.17 | 4.82 | 8.06 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 18:52 | 303.7861111 | Deploying | 2 | 8520 | 4.79 | 4.17 | 4.84 | 8.06 | 0 | 0 | 0 | -11 | -10 | -9 | -10 |
| 10/28/2016 18:52 | 303.7864120 | Winding down 1330 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:52 | 303.7864583 | Deploying | 2 | 8550 | 4.8 | 4.22 | 4.85 | 8.03 | 1384 | 1117 | 0 | -11 | -9 | -10 | -9 |
| 10/28/2016 18:53 | 303.7868056 | Deploying | 2 | 8580 | 4.85 | 4.22 | 4.87 | 8.05 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 18:53 | 303.7871528 | Deploying | 2 | 8610 | 4.85 | 4.22 | 4.89 | 8.05 | 0 | 0 | 0 | -10 | -10 | -10 | -10 |
| 10/28/2016 18:54 | 303.7875000 | Deploying | 2 | 8640 | 4.85 | 4.22 | 4.9 | 8.03 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:54 | 303.7876968 | Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:54 | 303.7878472 | Deploying | 2 | 8670 | 4.87 | 4.28 | 4.92 | 8.03 | 1484 | 1143 | 0 | -9 | -10 | -8 | -10 |
| 10/28/2016 18:55 | 303.7881944 | Deploying | 2 | 8700 | 4.91 | 4.28 | 4.94 | 8.03 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:55 | 303.7885417 | Deploying | 2 | 8730 | 4.91 | 4.28 | 4.95 | 8.06 | 0 | 0 | 0 | -10 | -8 | -9 | -8 |
| 10/28/2016 18:55 | 303.7887616 | Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:56 | 303.7888889 | Deploying | 2 | 8760 | 4.93 | 4.34 | 4.97 | 8.03 | 1423 | 1136 | 0 | -10 | -11 | -9 | -11 |
| 10/28/2016 18:56 | 303.7892361 | Deploying | 2 | 8790 | 4.98 | 4.34 | 4.99 | 8.03 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 18:57 | 303.7895833 | Deploying | 2 | 8820 | 4.97 | 4.34 | 5.01 | 8.02 | 0 | 0 | 0 | -10 | -10 | -10 | -10 |
| 10/28/2016 18:57 | 303.7899306 | Deploying | 2 | 8850 | 4.96 | 4.34 | 5.02 | 8.03 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 18:57 | 303.7900463 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:58 | 303.7902778 | Deploying | 2 | 8880 | 5.01 | 4.4 | 5.04 | 8.06 | 1496 | 1137 | 0 | -11 | -10 | -9 | -10 |
| 10/28/2016 18:58 | 303.7906250 | Deploying | 2 | 8910 | 5.03 | 4.4 | 5.06 | 8.05 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:59 | 303.7909722 | Deploying | 2 | 8940 | 5.04 | 4.4 | 5.07 | 8.03 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 18:59 | 303.7913194 | Deploying | 2 | 8970 | 5.02 | 4.4 | 5.09 | 8.03 | 0 | 0 | 0 | -11 | -11 | -9 | -11 |
| 10/28/2016 18:59 | 303.7914120 | Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:00 | 303.7916667 | Deploying | 2 | 9000 | 5.08 | 4.47 | 5.11 | 8.02 | 1376 | 1114 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 19:00 | 303.7920139 | Deploying | 2 | 9030 | 5.11 | 4.47 | 5.12 | 8.03 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 19:01 | 303.7923611 | Deploying | 2 | 9060 | 5.1 | 4.47 | 5.14 | 8.03 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |
| 10/28/2016 19:01 | 303.7927083 | Deploying | 2 | 9090 | 5.12 | 4.47 | 5.16 | 8.02 | 0 | 0 | 0 | -10 | -10 | -9 | -10 |

| Date/Time | Value | Description | State | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 19:02 | 303.7930556 | Deploying | 2 | 9120 | 5.11 | 4.47 | 5.18 | 8.03 | 0 | 0 | 0 | -11 | -10 | -10 | -10 |
| 10/28/2016 19:02 | 303.7930556 | Winding down 1787 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:02 | 303.7934028 | Deploying | 2 | 9150 | 5.18 | 4.54 | 5.19 | 8.03 | 1450 | 1123 | 0 | -10 | -10 | -10 | -10 |
| 10/28/2016 19:03 | 303.7937500 | Deploying | 2 | 9180 | 5.17 | 4.54 | 5.21 | 8.03 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 19:03 | 303.7940972 | Deploying | 2 | 9210 | 5.18 | 4.54 | 5.23 | 8.05 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 19:03 | 303.7942940 | Winding down 1653 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:04 | 303.7944444 | Deploying | 2 | 9240 | 5.2 | 4.6 | 5.24 | 8.05 | 1472 | 1139 | 0 | -9 | -10 | -8 | -10 |
| 10/28/2016 19:04 | 303.7947917 | Deploying | 2 | 9270 | 5.25 | 4.6 | 5.26 | 8.05 | 0 | 0 | 0 | -11 | -10 | -9 | -10 |
| 10/28/2016 19:05 | 303.7951389 | Deploying | 2 | 9300 | 5.25 | 4.6 | 5.28 | 8.02 | 0 | 0 | 0 | -10 | -9 | -9 | -9 |
| 10/28/2016 19:05 | 303.7954861 | Deploying | 2 | 9330 | 5.26 | 4.6 | 5.29 | 8 | 0 | 0 | 0 | -9 | -10 | -9 | -10 |
| 10/28/2016 19:05 | 303.7958218 | Winding down 1698 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:06 | 303.7958333 | Deploying | 2 | 9360 | 5.25 | 4.67 | 5.31 | 8.02 | 1527 | 1142 | 0 | -11 | -10 | -9 | -10 |
| 10/28/2016 19:06 | 303.7961806 | Deploying | 2 | 9390 | 5.32 | 4.67 | 5.33 | 8.02 | 1527 | 54 | 0 | -11 | -8 | -9 | -8 |
| 10/28/2016 19:07 | 303.7965278 | Deploying | 2 | 9420 | 5.33 | 4.67 | 5.35 | 8 | 0 | 0 | 0 | -9 | -8 | -8 | -8 |
| 10/28/2016 19:07 | 303.7968750 | Deploying | 2 | 9450 | 5.32 | 4.67 | 5.36 | 8.02 | 0 | 0 | 0 | -7 | -8 | -8 | -8 |
| 10/28/2016 19:08 | 303.7972222 | Deploying | 2 | 9480 | 5.32 | 4.67 | 5.38 | 8.02 | 0 | 0 | 0 | -10 | -9 | -8 | -9 |
| 10/28/2016 19:08 | 303.7972222 | Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:08 | 303.7975694 | Deploying | 2 | 9510 | 5.38 | 4.73 | 5.4 | 8.05 | 1422 | 1117 | 0 | -8 | -3 | -5 | -3 |
| 10/28/2016 19:09 | 303.7979167 | Deploying | 2 | 9540 | 5.38 | 4.73 | 5.41 | 8 | 0 | 0 | 0 | -6 | -6 | -5 | -6 |
| 10/28/2016 19:09 | 303.7982639 | Deploying | 2 | 9570 | 5.38 | 4.73 | 5.43 | 8.03 | 0 | 0 | 0 | -8 | -7 | -7 | -7 |
| 10/28/2016 19:09 | 303.7984491 | Winding down 1539 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:10 | 303.7986111 | Deploying | 2 | 9600 | 5.41 | 4.78 | 5.45 | 8.03 | 1422 | 1138 | 3 | -1 | -1 | -1 | -1 |
| 10/28/2016 19:10 | 303.7989583 | Deploying | 2 | 9630 | 5.45 | 4.78 | 5.46 | 8.02 | 0 | 0 | 2 | -4 | -2 | -2 | -2 |
| 10/28/2016 19:11 | 303.7993056 | Deploying | 2 | 9660 | 5.44 | 4.78 | 5.48 | 8.05 | 0 | 0 | 0 | -8 | -9 | -7 | -9 |
| 10/28/2016 19:11 | 303.7996528 | Deploying | 2 | 9690 | 5.45 | 4.78 | 5.5 | 8.02 | 0 | 0 | 0 | -4 | -5 | -4 | -5 |
| 10/28/2016 19:11 | 303.7997454 | Winding down 1300 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:11 | 303.7999421 | Probe hit seabed | 4 | | | | | | | | | | | | |
| 10/28/2016 19:11 | 303.7999421 | State 4 (REWIND) | 5 | | | | | | | | | | | | |
| 10/28/2016 19:11 | 303.7999653 | Winding up 1275 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:11 | 303.7999884 | Winding up 2600 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:12 | 303.8000000 | Rewinding | 5 | 9715 | 5.47 | 4.69 | 5.37 | 8.02 | 673 | 531 | | | | | |
| 10/28/2016 19:12 | 303.8000231 | Winding up 4275 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:12 | 303.8000810 | Winding up 6600 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:12 | 303.8001620 | Winding up 8599 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:12 | 303.8002662 | Winding up 8875 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:12 | 303.8003472 | Rewinding | 5 | 9715 | 4.89 | 3.61 | 4.62 | 7.92 | 857 | 631 | | | | | |
| 10/28/2016 19:12 | 303.8003704 | Winding up 6975 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:12 | 303.8004630 | Winding up 4799 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:12 | 303.8005208 | Winding up 3499 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:12 | 303.8005671 | Winding up 2325 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:12 | 303.8006019 | Winding up 1525 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8006944 | Rewinding | 5 | 9715 | 3.85 | 2.88 | 3.87 | 8 | 880 | 646 | | | | | |
| 10/28/2016 19:13 | 303.8008102 | Winding up 1250 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8008333 | Winding up 1725 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8008565 | Winding up 2200 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8008912 | Winding up 2925 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8009259 | Winding up 3649 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8009722 | Winding up 4725 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8010301 | Winding up 5475 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8010417 | Rewinding | 5 | 9715 | 3.31 | 2.05 | 3.12 | 8 | 891 | 654 | | | | | |
| 10/28/2016 19:13 | 303.8010995 | Winding up 5450 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8011690 | Winding up 4175 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8012269 | Winding up 2900 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:13 | 303.8012616 | Winding up 2250 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 19:13 | 303.8012963 | Winding up 1500 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8013889 | Rewinding | 5 | 9715 | 2.36 | 1.43 | 2.37 | 8.03 | 885 | 649 |
| 10/28/2016 19:14 | 303.8014931 | Winding up 1300 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8015162 | Winding up 1875 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8015394 | Winding up 2350 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8015741 | Winding up 3125 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8016204 | Winding up 4125 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8016782 | Winding up 5275 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8017361 | Rewinding | 5 | 9715 | 1.83 | 0.75 | 1.62 | 7.89 | 884 | 657 |
| 10/28/2016 19:14 | 303.8017477 | Winding up 6050 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8018287 | Winding up 5625 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8018981 | Winding up 4500 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8019560 | Winding up 3400 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8020023 | Winding up 2450 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8020370 | Winding up 1725 ticks | 3 | | | | | | | |
| 10/28/2016 19:14 | 303.8020602 | Winding up 1300 ticks | 3 | | | | | | | |
| 10/28/2016 19:15 | 303.8020833 | Rewinding | 5 | 9715 | 0.88 | -0.19 | 0.87 | 7.84 | 874 | 651 |
| 10/28/2016 19:15 | 303.8022685 | Winding up 1500 ticks | 3 | | | | | | | |
| 10/28/2016 19:15 | 303.8022917 | Winding up 2050 ticks | 3 | | | | | | | |
| 10/28/2016 19:15 | 303.8023264 | Winding up 2950 ticks | 3 | | | | | | | |
| 10/28/2016 19:15 | 303.8023380 | Winding up 3300 ticks | 3 | | | | | | | |
| 10/28/2016 19:15 | 303.8023495 | Winding up 3625 ticks | 3 | | | | | | | |
| 10/28/2016 19:15 | 303.8023611 | Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 10/28/2016 19:15 | 303.8023611 | State 5 (FINISHED) | 5 | | | | | | | |
| 10/28/2016 21:46 | 303.9069676 | Manual stop | 5 | | | | | | | |
| 10/28/2016 21:46 | 303.9069676 | State 1 (IDLE) | 5 | | | | | | | |

DPS7-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 3:45 | 303.1562500 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/29/2016 3:45 | 303.1565972 | Deploying | 2 | 30 | 0.29 | 0 | 0.02 | 8.46 | 0 | 0 | 0 | 3 | 3 | 3 | 3 |
| 10/29/2016 3:46 | 303.1569444 | Deploying | 2 | 60 | 0.29 | 0 | 0.04 | 8.44 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| 10/29/2016 3:46 | 303.1572917 | Deploying | 2 | 90 | 0.29 | 0 | 0.06 | 8.46 | 0 | 0 | 0 | 4 | 2 | 2 | 2 |
| 10/29/2016 3:47 | 303.1576389 | Deploying | 2 | 120 | 0.29 | 0 | 0.08 | 8.46 | 0 | 0 | 0 | 2 | 5 | 3 | 5 |
| 10/29/2016 3:47 | 303.1579861 | Deploying | 2 | 150 | 0.29 | 0 | 0.09 | 8.49 | 0 | 0 | 0 | 1 | 4 | 2 | 4 |
| 10/29/2016 3:48 | 303.1583333 | Deploying | 2 | 180 | 0.29 | 0 | 0.11 | 8.46 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 3:48 | 303.1586806 | Deploying | 2 | 210 | 0.29 | 0 | 0.13 | 8.48 | 0 | 0 | 0 | 0 | 3 | 1 | 3 |
| 10/29/2016 3:49 | 303.1590278 | Deploying | 2 | 240 | 0.29 | 0 | 0.14 | 8.46 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| 10/29/2016 3:49 | 303.1593750 | Deploying | 2 | 270 | 0.29 | 0 | 0.16 | 8.49 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/29/2016 3:50 | 303.1597222 | Deploying | 2 | 300 | 0.29 | 0 | 0.18 | 8.44 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 10/29/2016 3:50 | 303.1600694 | Deploying | 2 | 330 | 0.29 | 0 | 0.19 | 8.44 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 10/29/2016 3:51 | 303.1604167 | Deploying | 2 | 360 | 0.29 | 0 | 0.21 | 8.46 | 0 | 0 | 0 | 2 | 1 | 1 | 1 |
| 10/29/2016 3:51 | 303.1607639 | Deploying | 2 | 390 | 0.3 | 0 | 0.23 | 8.46 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 3:52 | 303.1611111 | Deploying | 2 | 420 | 0.28 | 0 | 0.25 | 8.48 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/29/2016 3:52 | 303.1614583 | Deploying | 2 | 450 | 0.29 | 0 | 0.26 | 8.46 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 3:53 | 303.1618056 | Deploying | 2 | 480 | 0.29 | 0 | 0.28 | 8.44 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 3:53 | 303.1621528 | Deploying | 2 | 510 | 0.3 | 0 | 0.3 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 3:54 | 303.1625000 | Deploying | 2 | 540 | 0.29 | 0 | 0.31 | 8.46 | 0 | 0 | 0 | -2 | -1 | 0 | -1 |
| 10/29/2016 3:54 | 303.1628472 | Deploying | 2 | 570 | 0.29 | 0 | 0.33 | 8.46 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/29/2016 3:55 | 303.1631944 | Deploying | 2 | 600 | 0.29 | 0 | 0.35 | 8.46 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| 10/29/2016 3:55 | 303.1634722 | Winding down 2002 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:55 | 303.1635417 | Deploying | 2 | 630 | 0.29 | 0.08 | 0.36 | 8.44 | 1392 | 1074 | 0 | 1 | 3 | 1 | 3 |
| 10/29/2016 3:56 | 303.1638889 | Deploying | 2 | 660 | 0.35 | 0.08 | 0.38 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 3:56 | 303.1642361 | Deploying | 2 | 690 | 0.35 | 0.08 | 0.4 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 3:56 | 303.1645139 | Winding down 1452 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:57 | 303.1645833 | Deploying | 2 | 720 | 0.36 | 0.13 | 0.42 | 8.48 | 1533 | 1177 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 3:57 | 303.1649306 | Deploying | 2 | 750 | 0.42 | 0.13 | 0.43 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 3:58 | 303.1652778 | Deploying | 2 | 780 | 0.41 | 0.13 | 0.45 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 3:58 | 303.1656250 | Deploying | 2 | 810 | 0.42 | 0.13 | 0.47 | 8.44 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/29/2016 3:58 | 303.1659606 | Winding down 1823 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 3:59 | 303.1659722 | Deploying | 2 | 840 | 0.41 | 0.2 | 0.48 | 8.43 | 1550 | 1192 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 3:59 | 303.1663194 | Deploying | 2 | 870 | 0.48 | 0.2 | 0.5 | 8.46 | 1550 | 52 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 4:00 | 303.1666667 | Deploying | 2 | 900 | 0.48 | 0.2 | 0.52 | 8.48 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/29/2016 4:00 | 303.1670139 | Deploying | 2 | 930 | 0.49 | 0.2 | 0.53 | 8.48 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/29/2016 4:00 | 303.1672569 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:01 | 303.1673611 | Deploying | 2 | 960 | 0.5 | 0.26 | 0.55 | 8.44 | 1552 | 1203 | 0 | 1 | 0 | 0 | 0 |
| 10/29/2016 4:01 | 303.1677083 | Deploying | 2 | 990 | 0.55 | 0.26 | 0.57 | 8.44 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 4:02 | 303.1680556 | Deploying | 2 | 1020 | 0.55 | 0.26 | 0.59 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:02 | 303.1684028 | Deploying | 2 | 1050 | 0.55 | 0.26 | 0.6 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:02 | 303.1685185 | Winding down 1604 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:03 | 303.1687500 | Deploying | 2 | 1080 | 0.59 | 0.32 | 0.62 | 8.44 | 1459 | 1173 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:03 | 303.1690972 | Deploying | 2 | 1110 | 0.61 | 0.32 | 0.64 | 8.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:04 | 303.1694444 | Deploying | 2 | 1140 | 0.62 | 0.32 | 0.65 | 8.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:04 | 303.1697917 | Deploying | 2 | 1170 | 0.61 | 0.32 | 0.67 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:04 | 303.1699537 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:05 | 303.1701389 | Deploying | 2 | 1200 | 0.65 | 0.38 | 0.69 | 8.43 | 1582 | 1204 | 0 | -1 | 1 | 0 | 1 |
| 10/29/2016 4:05 | 303.1704861 | Deploying | 2 | 1230 | 0.68 | 0.38 | 0.7 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:06 | 303.1708333 | Deploying | 2 | 1260 | 0.69 | 0.38 | 0.72 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:06 | 303.1711806 | Deploying | 2 | 1290 | 0.68 | 0.38 | 0.74 | 8.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:06 | 303.1712847 | Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:07 | 303.1715278 | Deploying | 2 | 1320 | 0.72 | 0.44 | 0.76 | 8.44 | 1565 | 1202 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 4:07 | 303.1718750 Deploying | 2 | 1350 | 0.75 | 0.44 | 0.77 | 8.44 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 10/29/2016 4:08 | 303.1722222 Deploying | 2 | 1380 | 0.75 | 0.44 | 0.79 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:08 | 303.1725694 Deploying | 2 | 1410 | 0.75 | 0.44 | 0.81 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:08 | 303.1726852 Winding down 1654 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:09 | 303.1729167 Deploying | 2 | 1440 | 0.79 | 0.5 | 0.82 | 8.44 | 1553 | 1194 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 4:09 | 303.1732639 Deploying | 2 | 1470 | 0.82 | 0.5 | 0.84 | 8.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:10 | 303.1736111 Deploying | 2 | 1500 | 0.82 | 0.5 | 0.86 | 8.44 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/29/2016 4:10 | 303.1739583 Deploying | 2 | 1530 | 0.82 | 0.5 | 0.87 | 8.43 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/29/2016 4:10 | 303.1740162 Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:11 | 303.1743056 Deploying | 2 | 1560 | 0.87 | 0.56 | 0.89 | 8.44 | 1475 | 1182 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:11 | 303.1746528 Deploying | 2 | 1590 | 0.88 | 0.56 | 0.91 | 8.44 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 4:12 | 303.1750000 Deploying | 2 | 1620 | 0.89 | 0.56 | 0.93 | 8.44 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/29/2016 4:12 | 303.1753472 Deploying | 2 | 1650 | 0.88 | 0.56 | 0.94 | 8.41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/29/2016 4:12 | 303.1754977 Winding down 1946 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:13 | 303.1756944 Deploying | 2 | 1680 | 0.92 | 0.64 | 0.96 | 8.46 | 1543 | 1196 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 4:13 | 303.1760417 Deploying | 2 | 1710 | 0.96 | 0.64 | 0.98 | 8.44 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 4:14 | 303.1763889 Deploying | 2 | 1740 | 0.96 | 0.64 | 0.99 | 8.44 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 4:14 | 303.1767361 Deploying | 2 | 1770 | 0.96 | 0.64 | 1.01 | 8.43 | 0 | 0 | 0 | -1 | 1 | 0 | 1 |
| 10/29/2016 4:14 | 303.1768981 Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:15 | 303.1770833 Deploying | 2 | 1800 | 0.98 | 0.7 | 1.03 | 8.44 | 1568 | 1202 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 4:15 | 303.1774306 Deploying | 2 | 1830 | 1.01 | 0.7 | 1.04 | 8.4 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/29/2016 4:16 | 303.1777778 Deploying | 2 | 1860 | 1.02 | 0.7 | 1.06 | 8.43 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/29/2016 4:16 | 303.1781250 Deploying | 2 | 1890 | 1.02 | 0.7 | 1.08 | 8.41 | 0 | 0 | 0 | -2 | 1 | 0 | 1 |
| 10/29/2016 4:16 | 303.1781366 Winding down 1526 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:17 | 303.1784722 Deploying | 2 | 1920 | 1.09 | 0.75 | 1.1 | 8.44 | 1541 | 1192 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 4:17 | 303.1788194 Deploying | 2 | 1950 | 1.09 | 0.75 | 1.11 | 8.44 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/29/2016 4:18 | 303.1791667 Deploying | 2 | 1980 | 1.08 | 0.75 | 1.13 | 8.43 | 0 | 0 | 0 | -2 | 0 | 0 | 0 |
| 10/29/2016 4:18 | 303.1795139 Deploying | 2 | 2010 | 1.09 | 0.75 | 1.15 | 8.43 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 4:18 | 303.1796296 Winding down 1654 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:19 | 303.1798611 Deploying | 2 | 2040 | 1.13 | 0.82 | 1.16 | 8.46 | 1470 | 1179 | 0 | -2 | 0 | -1 | 0 |
| 10/29/2016 4:19 | 303.1802083 Deploying | 2 | 2070 | 1.16 | 0.82 | 1.18 | 8.44 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:20 | 303.1805556 Deploying | 2 | 2100 | 1.15 | 0.82 | 1.2 | 8.43 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 4:20 | 303.1807870 Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:20 | 303.1809028 Deploying | 2 | 2130 | 1.17 | 0.87 | 1.21 | 8.43 | 1465 | 1185 | 0 | -2 | -2 | 0 | -2 |
| 10/29/2016 4:21 | 303.1812500 Deploying | 2 | 2160 | 1.2 | 0.87 | 1.23 | 8.43 | 0 | 0 | 0 | -3 | 0 | 0 | 0 |
| 10/29/2016 4:21 | 303.1815972 Deploying | 2 | 2190 | 1.21 | 0.87 | 1.25 | 8.43 | 0 | 0 | 0 | -1 | -1 | 0 | -1 |
| 10/29/2016 4:22 | 303.1819444 Deploying | 2 | 2220 | 1.21 | 0.87 | 1.27 | 8.44 | 0 | 0 | 0 | -2 | 0 | 0 | 0 |
| 10/29/2016 4:22 | 303.1821296 Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:22 | 303.1822917 Deploying | 2 | 2250 | 1.25 | 0.93 | 1.28 | 8.43 | 1543 | 1196 | 0 | 0 | -1 | -1 | -1 |
| 10/29/2016 4:23 | 303.1826389 Deploying | 2 | 2280 | 1.28 | 0.93 | 1.3 | 8.43 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 10/29/2016 4:23 | 303.1829861 Deploying | 2 | 2310 | 1.28 | 0.93 | 1.32 | 8.41 | 0 | 0 | 0 | -2 | -2 | 0 | -2 |
| 10/29/2016 4:24 | 303.1833333 Deploying | 2 | 2340 | 1.28 | 0.93 | 1.33 | 8.43 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/29/2016 4:24 | 303.1834722 Winding down 1582 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:24 | 303.1836806 Deploying | 2 | 2370 | 1.32 | 0.99 | 1.35 | 8.43 | 1583 | 1202 | 0 | -2 | -2 | 0 | -2 |
| 10/29/2016 4:25 | 303.1840278 Deploying | 2 | 2400 | 1.35 | 0.99 | 1.37 | 8.44 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:25 | 303.1843750 Deploying | 2 | 2430 | 1.36 | 0.99 | 1.38 | 8.41 | 0 | 0 | 0 | -2 | 0 | 0 | 0 |
| 10/29/2016 4:26 | 303.1847222 Deploying | 2 | 2460 | 1.35 | 0.99 | 1.4 | 8.41 | 0 | 0 | 0 | -4 | -2 | -1 | -2 |
| 10/29/2016 4:26 | 303.1848958 Winding down 1400 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:26 | 303.1850694 Deploying | 2 | 2490 | 1.38 | 1.04 | 1.42 | 8.43 | 1456 | 1167 | 0 | -2 | 0 | 0 | 0 |
| 10/29/2016 4:27 | 303.1854167 Deploying | 2 | 2520 | 1.4 | 1.04 | 1.44 | 8.43 | 0 | 0 | 0 | -2 | -2 | 0 | -2 |
| 10/29/2016 4:27 | 303.1857639 Deploying | 2 | 2550 | 1.4 | 1.04 | 1.45 | 8.41 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/29/2016 4:27 | 303.1860648 Winding down 1730 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:28 | 303.1861111 Deploying | 2 | 2580 | 1.41 | 1.11 | 1.47 | 8.44 | 1615 | 1206 | 0 | -2 | 0 | -1 | 0 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 4:28 | 303.1864583 Deploying | 2 | 2610 | 1.48 | 1.11 | 1.49 | 8.43 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:29 | 303.1868056 Deploying | 2 | 2640 | 1.47 | 1.11 | 1.5 | 8.44 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 4:29 | 303.1871528 Deploying | 2 | 2670 | 1.47 | 1.11 | 1.52 | 8.41 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 10/29/2016 4:29 | 303.1872685 Winding down 1454 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:30 | 303.1875000 Deploying | 2 | 2700 | 1.52 | 1.16 | 1.54 | 8.4 | 1522 | 1193 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:30 | 303.1878472 Deploying | 2 | 2730 | 1.54 | 1.16 | 1.55 | 8.41 | 0 | 0 | 0 | -3 | 0 | 0 | 0 |
| 10/29/2016 4:31 | 303.1881944 Deploying | 2 | 2760 | 1.55 | 1.16 | 1.57 | 8.41 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/29/2016 4:31 | 303.1885417 Deploying | 2 | 2790 | 1.55 | 1.16 | 1.59 | 8.4 | 0 | 0 | 0 | -2 | 0 | -1 | 0 |
| 10/29/2016 4:32 | 303.1888889 Deploying | 2 | 2820 | 1.54 | 1.16 | 1.61 | 8.41 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 10/29/2016 4:32 | 303.1889931 Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:32 | 303.1892361 Deploying | 2 | 2850 | 1.58 | 1.23 | 1.62 | 8.43 | 1597 | 1194 | 0 | -2 | 0 | -1 | 0 |
| 10/29/2016 4:33 | 303.1895833 Deploying | 2 | 2880 | 1.61 | 1.23 | 1.64 | 8.43 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/29/2016 4:33 | 303.1899306 Deploying | 2 | 2910 | 1.61 | 1.23 | 1.66 | 8.41 | 0 | 0 | 0 | -2 | 0 | -1 | 0 |
| 10/29/2016 4:33 | 303.1901736 Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:34 | 303.1902778 Deploying | 2 | 2940 | 1.62 | 1.29 | 1.67 | 8.44 | 1551 | 1193 | 0 | -1 | -1 | 0 | -1 |
| 10/29/2016 4:34 | 303.1906250 Deploying | 2 | 2970 | 1.68 | 1.29 | 1.69 | 8.44 | 0 | 0 | 0 | 0 | -1 | 0 | -1 |
| 10/29/2016 4:35 | 303.1909722 Deploying | 2 | 3000 | 1.67 | 1.29 | 1.71 | 8.43 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:35 | 303.1913194 Deploying | 2 | 3030 | 1.68 | 1.29 | 1.72 | 8.43 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/29/2016 4:36 | 303.1916667 Deploying | 2 | 3060 | 1.69 | 1.29 | 1.74 | 8.4 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 4:36 | 303.1916898 Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:36 | 303.1920139 Deploying | 2 | 3090 | 1.74 | 1.35 | 1.76 | 8.41 | 1545 | 1193 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 4:37 | 303.1923611 Deploying | 2 | 3120 | 1.74 | 1.35 | 1.78 | 8.4 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 4:37 | 303.1927083 Deploying | 2 | 3150 | 1.75 | 1.35 | 1.79 | 8.4 | 0 | 0 | 0 | -2 | 0 | -1 | 0 |
| 10/29/2016 4:37 | 303.1929861 Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:38 | 303.1930556 Deploying | 2 | 3180 | 1.75 | 1.41 | 1.81 | 8.4 | 1546 | 1196 | 0 | -2 | 0 | 0 | 0 |
| 10/29/2016 4:38 | 303.1934028 Deploying | 2 | 3210 | 1.8 | 1.41 | 1.83 | 8.4 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 4:39 | 303.1937500 Deploying | 2 | 3240 | 1.8 | 1.41 | 1.84 | 8.4 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:39 | 303.1940972 Deploying | 2 | 3270 | 1.8 | 1.41 | 1.86 | 8.37 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/29/2016 4:39 | 303.1941204 Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:40 | 303.1944444 Deploying | 2 | 3300 | 1.87 | 1.46 | 1.88 | 8.4 | 1527 | 1195 | 0 | -3 | -1 | -1 | -1 |
| 10/29/2016 4:40 | 303.1947917 Deploying | 2 | 3330 | 1.87 | 1.46 | 1.89 | 8.38 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/29/2016 4:41 | 303.1951389 Deploying | 2 | 3360 | 1.86 | 1.46 | 1.91 | 8.4 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/29/2016 4:41 | 303.1953935 Winding down 1674 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:41 | 303.1954861 Deploying | 2 | 3390 | 1.88 | 1.52 | 1.93 | 8.41 | 1619 | 1206 | 0 | -3 | -4 | 0 | -4 |
| 10/29/2016 4:42 | 303.1958333 Deploying | 2 | 3420 | 1.93 | 1.52 | 1.95 | 8.41 | 0 | 0 | 0 | 0 | -3 | -1 | -3 |
| 10/29/2016 4:42 | 303.1961806 Deploying | 2 | 3450 | 1.93 | 1.52 | 1.96 | 8.41 | 0 | 0 | 0 | -1 | -1 | -1 | -1 |
| 10/29/2016 4:43 | 303.1965278 Deploying | 2 | 3480 | 1.93 | 1.52 | 1.98 | 8.41 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:43 | 303.1968171 Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:43 | 303.1968750 Deploying | 2 | 3510 | 1.95 | 1.58 | 2 | 8.41 | 1640 | 1191 | 0 | -2 | 0 | 0 | 0 |
| 10/29/2016 4:44 | 303.1972222 Deploying | 2 | 3540 | 2 | 1.58 | 2.01 | 8.41 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/29/2016 4:44 | 303.1975694 Deploying | 2 | 3570 | 2.01 | 1.58 | 2.03 | 8.4 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 10/29/2016 4:45 | 303.1979167 Deploying | 2 | 3600 | 2 | 1.58 | 2.05 | 8.4 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/29/2016 4:45 | 303.1982407 Winding down 1709 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:45 | 303.1982639 Deploying | 2 | 3630 | 2 | 1.65 | 2.06 | 8.33 | 1604 | 1203 | 0 | 0 | -1 | -1 | -1 |
| 10/29/2016 4:46 | 303.1986111 Deploying | 2 | 3660 | 2.06 | 1.65 | 2.08 | 8.38 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 4:46 | 303.1989583 Deploying | 2 | 3690 | 2.05 | 1.65 | 2.1 | 8.38 | 0 | 0 | 0 | -3 | 0 | -1 | 0 |
| 10/29/2016 4:46 | 303.1991667 Winding down 1367 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:47 | 303.1993056 Deploying | 2 | 3720 | 2.08 | 1.7 | 2.12 | 8.4 | 1546 | 1192 | 0 | -1 | -2 | -1 | -2 |
| 10/29/2016 4:47 | 303.1996528 Deploying | 2 | 3750 | 2.12 | 1.7 | 2.13 | 8.38 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/29/2016 4:48 | 303.2000000 Deploying | 2 | 3780 | 2.12 | 1.7 | 2.15 | 8.37 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 10/29/2016 4:48 | 303.2003472 Deploying | 2 | 3810 | 2.12 | 1.7 | 2.17 | 8.41 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/29/2016 4:49 | 303.2006944 Deploying | 2 | 3840 | 2.13 | 1.7 | 2.18 | 8.4 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:49 | 303.2007870 Winding down 1525 ticks | 3 | | | | | | | | | | | | |

| Date/Time | ID Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 4:49 | 303.2010417 Deploying | 2 | 3870 | 2.17 | 1.76 | 2.2 | 8.38 | 1537 | 1187 | 0 | 0 | -1 | 0 | -1 |
| 10/29/2016 4:50 | 303.2013889 Deploying | 2 | 3900 | 2.18 | 1.76 | 2.22 | 8.38 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 10/29/2016 4:50 | 303.2017361 Deploying | 2 | 3930 | 2.18 | 1.76 | 2.23 | 8.38 | 0 | 0 | 0 | -3 | 0 | -1 | 0 |
| 10/29/2016 4:50 | 303.2019560 Winding down 1781 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:51 | 303.2020833 Deploying | 2 | 3960 | 2.2 | 1.83 | 2.25 | 8.38 | 1657 | 1207 | 0 | -2 | -2 | 0 | -2 |
| 10/29/2016 4:51 | 303.2024306 Deploying | 2 | 3990 | 2.24 | 1.83 | 2.27 | 8.41 | 0 | 0 | 0 | -3 | 1 | -1 | 1 |
| 10/29/2016 4:52 | 303.2027778 Deploying | 2 | 4020 | 2.25 | 1.83 | 2.29 | 8.4 | 0 | 0 | 0 | 0 | -2 | -1 | -2 |
| 10/29/2016 4:52 | 303.2031250 Deploying | 2 | 4050 | 2.25 | 1.83 | 2.3 | 8.38 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 10/29/2016 4:52 | 303.2031713 Winding down 1419 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:53 | 303.2034722 Deploying | 2 | 4080 | 2.29 | 1.88 | 2.32 | 8.4 | 1451 | 1169 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:53 | 303.2038194 Deploying | 2 | 4110 | 2.3 | 1.88 | 2.34 | 8.38 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 10/29/2016 4:54 | 303.2041667 Deploying | 2 | 4140 | 2.32 | 1.88 | 2.35 | 8.37 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:54 | 303.2045139 Deploying | 2 | 4170 | 2.3 | 1.88 | 2.37 | 8.38 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 10/29/2016 4:54 | 303.2046065 Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:55 | 303.2048611 Deploying | 2 | 4200 | 2.36 | 1.95 | 2.39 | 8.38 | 1579 | 1203 | 0 | -3 | -1 | -1 | -1 |
| 10/29/2016 4:55 | 303.2052083 Deploying | 2 | 4230 | 2.38 | 1.95 | 2.4 | 8.37 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| 10/29/2016 4:56 | 303.2055556 Deploying | 2 | 4260 | 2.38 | 1.95 | 2.42 | 8.38 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 4:56 | 303.2059028 Deploying | 2 | 4290 | 2.39 | 1.95 | 2.44 | 8.37 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 4:56 | 303.2061111 Winding down 1317 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:57 | 303.2062500 Deploying | 2 | 4320 | 2.42 | 2 | 2.46 | 8.41 | 1644 | 1206 | 0 | -4 | -3 | -1 | -3 |
| 10/29/2016 4:57 | 303.2065972 Deploying | 2 | 4350 | 2.46 | 2 | 2.47 | 8.4 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/29/2016 4:58 | 303.2069444 Deploying | 2 | 4380 | 2.45 | 2 | 2.49 | 8.38 | 0 | 0 | 0 | -2 | -3 | -1 | -3 |
| 10/29/2016 4:58 | 303.2072917 Deploying | 2 | 4410 | 2.45 | 2 | 2.51 | 8.4 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/29/2016 4:58 | 303.2073958 Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 4:59 | 303.2076389 Deploying | 2 | 4440 | 2.48 | 2.05 | 2.52 | 8.4 | 1558 | 1191 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 4:59 | 303.2079861 Deploying | 2 | 4470 | 2.49 | 2.05 | 2.54 | 8.38 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/29/2016 5:00 | 303.2083333 Deploying | 2 | 4500 | 2.5 | 2.05 | 2.56 | 8.37 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 5:00 | 303.2083333 Winding down 1362 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:00 | 303.2086806 Deploying | 2 | 4530 | 2.54 | 2.1 | 2.57 | 8.38 | 1577 | 1204 | 0 | -1 | -2 | -1 | -2 |
| 10/29/2016 5:01 | 303.2090278 Deploying | 2 | 4560 | 2.55 | 2.1 | 2.59 | 8.38 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 5:01 | 303.2093287 Winding down 1555 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:01 | 303.2093750 Deploying | 2 | 4590 | 2.56 | 2.16 | 2.61 | 8.41 | 1549 | 1193 | 0 | -3 | -1 | -1 | -1 |
| 10/29/2016 5:02 | 303.2097222 Deploying | 2 | 4620 | 2.63 | 2.16 | 2.63 | 8.38 | 0 | 0 | 0 | -1 | -2 | -2 | -2 |
| 10/29/2016 5:02 | 303.2100694 Deploying | 2 | 4650 | 2.63 | 2.16 | 2.64 | 8.38 | 0 | 0 | 0 | -5 | 0 | -2 | 0 |
| 10/29/2016 5:03 | 303.2104167 Deploying | 2 | 4680 | 2.62 | 2.16 | 2.66 | 8.4 | 0 | 0 | 0 | -3 | -2 | -1 | -2 |
| 10/29/2016 5:03 | 303.2107639 Deploying | 2 | 4710 | 2.62 | 2.16 | 2.68 | 8.37 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 5:03 | 303.2108449 Winding down 1461 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:04 | 303.2111111 Deploying | 2 | 4740 | 2.67 | 2.22 | 2.69 | 8.35 | 1544 | 1188 | 0 | -3 | -3 | -1 | -3 |
| 10/29/2016 5:04 | 303.2114583 Deploying | 2 | 4770 | 2.67 | 2.22 | 2.71 | 8.37 | 0 | 0 | 0 | -2 | 0 | -1 | 0 |
| 10/29/2016 5:05 | 303.2118056 Deploying | 2 | 4800 | 2.68 | 2.22 | 2.73 | 8.37 | 0 | 0 | 0 | -3 | -3 | -1 | -3 |
| 10/29/2016 5:05 | 303.2121528 Deploying | 2 | 4830 | 2.69 | 2.22 | 2.74 | 8.37 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 5:05 | 303.2121875 Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:06 | 303.2125000 Deploying | 2 | 4860 | 2.75 | 2.28 | 2.76 | 8.37 | 1555 | 1192 | 0 | -3 | -2 | -1 | -2 |
| 10/29/2016 5:06 | 303.2128472 Deploying | 2 | 4890 | 2.75 | 2.28 | 2.78 | 8.37 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 5:07 | 303.2131944 Deploying | 2 | 4920 | 2.76 | 2.28 | 2.8 | 8.35 | 0 | 0 | 0 | -2 | -2 | -1 | -2 |
| 10/29/2016 5:07 | 303.2135417 Deploying | 2 | 4950 | 2.76 | 2.28 | 2.81 | 8.37 | 0 | 0 | 0 | -1 | -2 | -1 | -2 |
| 10/29/2016 5:07 | 303.2136574 Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:08 | 303.2138889 Deploying | 2 | 4980 | 2.8 | 2.34 | 2.83 | 8.38 | 1541 | 1189 | 0 | -2 | -3 | -2 | -3 |
| 10/29/2016 5:08 | 303.2142361 Deploying | 2 | 5010 | 2.81 | 2.34 | 2.85 | 8.35 | 0 | 0 | 0 | -3 | -1 | -1 | -1 |
| 10/29/2016 5:09 | 303.2145833 Deploying | 2 | 5040 | 2.83 | 2.34 | 2.86 | 8.38 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:09 | 303.2149306 Deploying | 2 | 5070 | 2.82 | 2.34 | 2.88 | 8.37 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:09 | 303.2150926 Winding down 1935 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:10 | 303.2152778 Deploying | 2 | 5100 | 2.86 | 2.41 | 2.9 | 8.4 | 1571 | 1197 | 0 | -2 | -3 | -2 | -3 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:10 | 303.2156250 Deploying | 2 | 5130 | 2.9 | 2.41 | 2.91 | 8.38 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 5:11 | 303.2159722 Deploying | 2 | 5160 | 2.91 | 2.41 | 2.93 | 8.38 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:11 | 303.2163194 Deploying | 2 | 5190 | 2.91 | 2.41 | 2.95 | 8.4 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:12 | 303.2166667 Deploying | 2 | 5220 | 2.91 | 2.41 | 2.97 | 8.37 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:12 | 303.2167824 Winding down 1529 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:12 | 303.2170139 Deploying | 2 | 5250 | 2.95 | 2.47 | 2.98 | 8.38 | 1531 | 1190 | 0 | -3 | -4 | -2 | -4 |
| 10/29/2016 5:13 | 303.2173611 Deploying | 2 | 5280 | 2.97 | 2.47 | 3 | 8.35 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/29/2016 5:13 | 303.2177083 Deploying | 2 | 5310 | 2.98 | 2.47 | 3.02 | 8.35 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/29/2016 5:14 | 303.2180556 Deploying | 2 | 5340 | 2.97 | 2.47 | 3.03 | 8.37 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:14 | 303.2181250 Winding down 1722 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:14 | 303.2184028 Deploying | 2 | 5370 | 3.02 | 2.53 | 3.05 | 8.37 | 1433 | 1154 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:15 | 303.2187500 Deploying | 2 | 5400 | 3.05 | 2.53 | 3.07 | 8.35 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:15 | 303.2190972 Deploying | 2 | 5430 | 3.04 | 2.53 | 3.08 | 8.38 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:15 | 303.2193519 Winding down 1374 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:16 | 303.2194444 Deploying | 2 | 5460 | 3.06 | 2.59 | 3.1 | 8.38 | 1433 | 1155 | 0 | -1 | -2 | -2 | -2 |
| 10/29/2016 5:16 | 303.2197917 Deploying | 2 | 5490 | 3.09 | 2.59 | 3.12 | 8.37 | 0 | 0 | 0 | -4 | -1 | -2 | -1 |
| 10/29/2016 5:17 | 303.2201389 Deploying | 2 | 5520 | 3.09 | 2.59 | 3.14 | 8.35 | 0 | 0 | 0 | -2 | -1 | -1 | -1 |
| 10/29/2016 5:17 | 303.2204861 Deploying | 2 | 5550 | 3.09 | 2.59 | 3.15 | 8.37 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:17 | 303.2206366 Winding down 1721 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:18 | 303.2208333 Deploying | 2 | 5580 | 3.14 | 2.65 | 3.17 | 8.37 | 1427 | 1154 | 0 | -1 | -2 | -2 | -2 |
| 10/29/2016 5:18 | 303.2211806 Deploying | 2 | 5610 | 3.16 | 2.65 | 3.19 | 8.38 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:19 | 303.2215278 Deploying | 2 | 5640 | 3.16 | 2.65 | 3.2 | 8.37 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/29/2016 5:19 | 303.2218750 Deploying | 2 | 5670 | 3.17 | 2.65 | 3.22 | 8.37 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:19 | 303.2218750 Winding down 1412 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:20 | 303.2222222 Deploying | 2 | 5700 | 3.22 | 2.71 | 3.24 | 8.38 | 1448 | 1164 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:20 | 303.2225694 Deploying | 2 | 5730 | 3.22 | 2.71 | 3.25 | 8.38 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:21 | 303.2229167 Deploying | 2 | 5760 | 3.23 | 2.71 | 3.27 | 8.35 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:21 | 303.2232639 Deploying | 2 | 5790 | 3.22 | 2.71 | 3.29 | 8.37 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/29/2016 5:21 | 303.2233449 Winding down 1686 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:22 | 303.2236111 Deploying | 2 | 5820 | 3.28 | 2.77 | 3.31 | 8.37 | 1539 | 1180 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:22 | 303.2239583 Deploying | 2 | 5850 | 3.3 | 2.77 | 3.32 | 8.4 | 0 | 0 | 0 | -3 | -4 | -2 | -4 |
| 10/29/2016 5:23 | 303.2243056 Deploying | 2 | 5880 | 3.31 | 2.77 | 3.34 | 8.38 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:23 | 303.2246528 Deploying | 2 | 5910 | 3.29 | 2.77 | 3.36 | 8.32 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 5:23 | 303.2247569 Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:24 | 303.2250000 Deploying | 2 | 5940 | 3.34 | 2.83 | 3.37 | 8.37 | 1579 | 1212 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:24 | 303.2253472 Deploying | 2 | 5970 | 3.36 | 2.83 | 3.39 | 8.35 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/29/2016 5:25 | 303.2256944 Deploying | 2 | 6000 | 3.38 | 2.83 | 3.41 | 8.38 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:25 | 303.2260417 Deploying | 2 | 6030 | 3.36 | 2.83 | 3.42 | 8.32 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:25 | 303.2261690 Winding down 1618 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:26 | 303.2263889 Deploying | 2 | 6060 | 3.42 | 2.89 | 3.44 | 8.37 | 1541 | 1188 | 0 | -3 | -4 | -2 | -4 |
| 10/29/2016 5:26 | 303.2267361 Deploying | 2 | 6090 | 3.43 | 2.89 | 3.46 | 8.35 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 5:27 | 303.2270833 Deploying | 2 | 6120 | 3.44 | 2.89 | 3.48 | 8.38 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 5:27 | 303.2274306 Deploying | 2 | 6150 | 3.44 | 2.89 | 3.49 | 8.33 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/29/2016 5:27 | 303.2276736 Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:28 | 303.2277778 Deploying | 2 | 6180 | 3.46 | 2.95 | 3.51 | 8.38 | 1532 | 1191 | 0 | -3 | -4 | -2 | -4 |
| 10/29/2016 5:28 | 303.2281250 Deploying | 2 | 6210 | 3.5 | 2.95 | 3.53 | 8.38 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:29 | 303.2284722 Deploying | 2 | 6240 | 3.5 | 2.95 | 3.54 | 8.37 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:29 | 303.2288194 Deploying | 2 | 6270 | 3.51 | 2.95 | 3.56 | 8.35 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/29/2016 5:29 | 303.2288889 Winding down 1447 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:30 | 303.2291667 Deploying | 2 | 6300 | 3.56 | 3.01 | 3.58 | 8.35 | 1538 | 1189 | 0 | -4 | -2 | -3 | -2 |
| 10/29/2016 5:30 | 303.2295139 Deploying | 2 | 6330 | 3.57 | 3.01 | 3.59 | 8.35 | 0 | 0 | 0 | -4 | -3 | -2 | -3 |
| 10/29/2016 5:31 | 303.2298611 Deploying | 2 | 6360 | 3.57 | 3.01 | 3.61 | 8.33 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 5:31 | 303.2302083 Deploying | 2 | 6390 | 3.57 | 3.01 | 3.63 | 8.32 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:31 | 303.2303356 Winding down 1668 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:32 | 303.2305556 Deploying | 2 | 6420 | 3.61 | 3.07 | 3.65 | 8.35 | 1649 | 1195 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:32 | 303.2309028 Deploying | 2 | 6450 | 3.64 | 3.07 | 3.66 | 8.37 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/29/2016 5:33 | 303.2312500 Deploying | 2 | 6480 | 3.63 | 3.07 | 3.68 | 8.37 | 0 | 0 | 0 | -5 | -1 | -2 | -1 |
| 10/29/2016 5:33 | 303.2315972 Deploying | 2 | 6510 | 3.64 | 3.07 | 3.7 | 8.35 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 5:33 | 303.2317130 Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:34 | 303.2319444 Deploying | 2 | 6540 | 3.69 | 3.13 | 3.71 | 8.35 | 1567 | 1195 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 5:34 | 303.2322917 Deploying | 2 | 6570 | 3.7 | 3.13 | 3.73 | 8.37 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 5:35 | 303.2326389 Deploying | 2 | 6600 | 3.7 | 3.13 | 3.75 | 8.29 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 5:35 | 303.2329861 Deploying | 2 | 6630 | 3.7 | 3.13 | 3.76 | 8.32 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:35 | 303.2329977 Winding down 1576 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:36 | 303.2333333 Deploying | 2 | 6660 | 3.77 | 3.19 | 3.78 | 8.33 | 1580 | 1213 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:36 | 303.2336806 Deploying | 2 | 6690 | 3.77 | 3.19 | 3.8 | 8.37 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 5:37 | 303.2340278 Deploying | 2 | 6720 | 3.77 | 3.19 | 3.82 | 8.37 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 5:37 | 303.2343750 Deploying | 2 | 6750 | 3.77 | 3.19 | 3.83 | 8.37 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:37 | 303.2344097 Winding down 1580 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:38 | 303.2347222 Deploying | 2 | 6780 | 3.84 | 3.25 | 3.85 | 8.35 | 1627 | 1187 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 5:38 | 303.2350694 Deploying | 2 | 6810 | 3.83 | 3.25 | 3.87 | 8.33 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 5:39 | 303.2354167 Deploying | 2 | 6840 | 3.83 | 3.25 | 3.88 | 8.32 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 5:39 | 303.2356366 Winding down 1506 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:39 | 303.2357639 Deploying | 2 | 6870 | 3.86 | 3.31 | 3.9 | 8.38 | 1535 | 1196 | 0 | -4 | -4 | -2 | -4 |
| 10/29/2016 5:40 | 303.2361111 Deploying | 2 | 6900 | 3.9 | 3.31 | 3.92 | 8.35 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:40 | 303.2364583 Deploying | 2 | 6930 | 3.9 | 3.31 | 3.93 | 8.32 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:41 | 303.2368056 Deploying | 2 | 6960 | 3.9 | 3.31 | 3.95 | 8.32 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:41 | 303.2369097 Winding down 1390 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:41 | 303.2371528 Deploying | 2 | 6990 | 3.94 | 3.36 | 3.97 | 8.33 | 1536 | 1189 | 0 | -4 | -2 | -2 | -2 |
| 10/29/2016 5:42 | 303.2375000 Deploying | 2 | 7020 | 3.96 | 3.36 | 3.99 | 8.33 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:42 | 303.2378472 Deploying | 2 | 7050 | 3.95 | 3.36 | 4 | 8.33 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:42 | 303.2380903 Winding down 1510 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:43 | 303.2381944 Deploying | 2 | 7080 | 3.97 | 3.42 | 4.02 | 8.32 | 1575 | 1209 | 0 | -2 | -3 | -2 | -3 |
| 10/29/2016 5:43 | 303.2385417 Deploying | 2 | 7110 | 4.03 | 3.42 | 4.04 | 8.32 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:44 | 303.2388889 Deploying | 2 | 7140 | 4.03 | 3.42 | 4.05 | 8.32 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 5:44 | 303.2392361 Deploying | 2 | 7170 | 4.02 | 3.42 | 4.07 | 8.3 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:44 | 303.2395139 Winding down 1752 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:45 | 303.2395833 Deploying | 2 | 7200 | 4.03 | 3.48 | 4.09 | 8.32 | 1420 | 1144 | 0 | -3 | -1 | -2 | -1 |
| 10/29/2016 5:45 | 303.2399306 Deploying | 2 | 7230 | 4.09 | 3.48 | 4.1 | 8.32 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:46 | 303.2402778 Deploying | 2 | 7260 | 4.1 | 3.48 | 4.12 | 8.35 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:46 | 303.2406250 Deploying | 2 | 7290 | 4.1 | 3.48 | 4.14 | 8.35 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:47 | 303.2409722 Deploying | 2 | 7320 | 4.1 | 3.48 | 4.16 | 8.37 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:47 | 303.2410764 Winding down 1489 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:47 | 303.2413194 Deploying | 2 | 7350 | 4.14 | 3.54 | 4.17 | 8.33 | 1548 | 1190 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 5:48 | 303.2416667 Deploying | 2 | 7380 | 4.16 | 3.54 | 4.19 | 8.32 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:48 | 303.2420139 Deploying | 2 | 7410 | 4.16 | 3.54 | 4.21 | 8.3 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:48 | 303.2422917 Winding down 1652 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:49 | 303.2423611 Deploying | 2 | 7440 | 4.17 | 3.6 | 4.22 | 8.33 | 1422 | 1147 | 0 | -4 | -1 | -2 | -1 |
| 10/29/2016 5:49 | 303.2427083 Deploying | 2 | 7470 | 4.24 | 3.6 | 4.24 | 8.32 | 0 | 0 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 5:50 | 303.2430556 Deploying | 2 | 7500 | 4.23 | 3.6 | 4.26 | 8.33 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 5:50 | 303.2434028 Deploying | 2 | 7530 | 4.23 | 3.6 | 4.27 | 8.35 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:51 | 303.2437500 Deploying | 2 | 7560 | 4.24 | 3.6 | 4.29 | 8.32 | 0 | 0 | 0 | 0 | -1 | -2 | -1 |
| 10/29/2016 5:51 | 303.2438426 Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:51 | 303.2440972 Deploying | 2 | 7590 | 4.29 | 3.66 | 4.31 | 8.3 | 1528 | 1186 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 5:52 | 303.2444444 Deploying | 2 | 7620 | 4.31 | 3.66 | 4.33 | 8.3 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 5:52 | 303.2447917 Deploying | 2 | 7650 | 4.3 | 3.66 | 4.34 | 8.32 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:53 | 303.2451389 Deploying | 2 | 7680 | 4.31 | 3.66 | 4.36 | 8.33 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:53 | 303.2454051 Winding down 1838 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:53 | 303.2454861 Deploying | 2 | 7710 | 4.32 | 3.73 | 4.38 | 8.32 | 1626 | 1201 | 0 | -3 | -1 | -2 | -1 |
| 10/29/2016 5:54 | 303.2458333 Deploying | 2 | 7740 | 4.37 | 3.73 | 4.39 | 8.35 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:54 | 303.2461806 Deploying | 2 | 7770 | 4.36 | 3.73 | 4.41 | 8.33 | 0 | 0 | 0 | -4 | -4 | -2 | -4 |
| 10/29/2016 5:54 | 303.2463310 Winding down 1446 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:55 | 303.2465278 Deploying | 2 | 7800 | 4.4 | 3.79 | 4.43 | 8.3 | 1550 | 1198 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 5:55 | 303.2468750 Deploying | 2 | 7830 | 4.42 | 3.79 | 4.44 | 8.29 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:56 | 303.2472222 Deploying | 2 | 7860 | 4.43 | 3.79 | 4.46 | 8.32 | 0 | 0 | 0 | -1 | -3 | -2 | -3 |
| 10/29/2016 5:56 | 303.2475694 Deploying | 2 | 7890 | 4.43 | 3.79 | 4.48 | 8.32 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/29/2016 5:56 | 303.2477431 Winding down 1350 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:57 | 303.2479167 Deploying | 2 | 7920 | 4.46 | 3.84 | 4.5 | 8.3 | 1546 | 1188 | 0 | -4 | -2 | -2 | -2 |
| 10/29/2016 5:57 | 303.2482639 Deploying | 2 | 7950 | 4.48 | 3.84 | 4.51 | 8.29 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 5:58 | 303.2486111 Deploying | 2 | 7980 | 4.49 | 3.84 | 4.53 | 8.3 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:58 | 303.2489583 Deploying | 2 | 8010 | 4.49 | 3.84 | 4.55 | 8.3 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 5:58 | 303.2491204 Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:59 | 303.2493056 Deploying | 2 | 8040 | 4.52 | 3.9 | 4.56 | 8.3 | 1444 | 1154 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 5:59 | 303.2496528 Deploying | 2 | 8070 | 4.56 | 3.9 | 4.58 | 8.33 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 6:00 | 303.2500000 Deploying | 2 | 8100 | 4.55 | 3.9 | 4.6 | 8.32 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/29/2016 6:00 | 303.2501968 Winding down 1403 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:00 | 303.2503472 Deploying | 2 | 8130 | 4.57 | 3.95 | 4.61 | 8.32 | 1499 | 1187 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:01 | 303.2506944 Deploying | 2 | 8160 | 4.6 | 3.95 | 4.63 | 8.32 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 6:01 | 303.2510417 Deploying | 2 | 8190 | 4.61 | 3.95 | 4.65 | 8.33 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 6:02 | 303.2513889 Deploying | 2 | 8220 | 4.6 | 3.95 | 4.67 | 8.29 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 6:02 | 303.2514699 Winding down 1711 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:02 | 303.2517361 Deploying | 2 | 8250 | 4.67 | 4.02 | 4.68 | 8.33 | 1628 | 1199 | 0 | -2 | -3 | -2 | -3 |
| 10/29/2016 6:03 | 303.2520833 Deploying | 2 | 8280 | 4.67 | 4.02 | 4.7 | 8.32 | 0 | 0 | 0 | -4 | -2 | -2 | -2 |
| 10/29/2016 6:03 | 303.2524306 Deploying | 2 | 8310 | 4.68 | 4.02 | 4.72 | 8.29 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:04 | 303.2527778 Deploying | 2 | 8340 | 4.68 | 4.02 | 4.73 | 8.27 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:04 | 303.2529051 Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:04 | 303.2531250 Deploying | 2 | 8370 | 4.72 | 4.08 | 4.75 | 8.33 | 1456 | 1175 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 6:05 | 303.2534722 Deploying | 2 | 8400 | 4.75 | 4.08 | 4.77 | 8.29 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:05 | 303.2538194 Deploying | 2 | 8430 | 4.74 | 4.08 | 4.78 | 8.29 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 6:06 | 303.2541667 Deploying | 2 | 8460 | 4.75 | 4.08 | 4.8 | 8.29 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 6:06 | 303.2542593 Winding down 1500 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:06 | 303.2545139 Deploying | 2 | 8490 | 4.79 | 4.13 | 4.82 | 8.32 | 1492 | 1185 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:07 | 303.2548611 Deploying | 2 | 8520 | 4.8 | 4.13 | 4.84 | 8.3 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:07 | 303.2552083 Deploying | 2 | 8550 | 4.81 | 4.13 | 4.85 | 8.27 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:08 | 303.2555556 Deploying | 2 | 8580 | 4.8 | 4.13 | 4.87 | 8.3 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:08 | 303.2556019 Winding down 1694 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:08 | 303.2559028 Deploying | 2 | 8610 | 4.87 | 4.2 | 4.89 | 8.29 | 1530 | 1181 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:09 | 303.2562500 Deploying | 2 | 8640 | 4.89 | 4.2 | 4.9 | 8.29 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:09 | 303.2565972 Deploying | 2 | 8670 | 4.89 | 4.2 | 4.92 | 8.3 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/29/2016 6:10 | 303.2569444 Deploying | 2 | 8700 | 4.88 | 4.2 | 4.94 | 8.29 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:10 | 303.2570718 Winding down 1518 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:10 | 303.2572917 Deploying | 2 | 8730 | 4.92 | 4.26 | 4.95 | 8.29 | 1554 | 1189 | 0 | -4 | -4 | -2 | -4 |
| 10/29/2016 6:11 | 303.2576389 Deploying | 2 | 8760 | 4.93 | 4.26 | 4.97 | 8.29 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:11 | 303.2579861 Deploying | 2 | 8790 | 4.93 | 4.26 | 4.99 | 8.3 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:11 | 303.2581250 Winding down 1457 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:12 | 303.2583333 Deploying | 2 | 8820 | 4.98 | 4.31 | 5.01 | 8.27 | 1578 | 1208 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:12 | 303.2586806 Deploying | 2 | 8850 | 5.01 | 4.31 | 5.02 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:13 | 303.2590278 Deploying | 2 | 8880 | 5.01 | 4.31 | 5.04 | 8.25 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/29/2016 6:13 | 303.2593750 Deploying | 2 | 8910 | 5.01 | 4.31 | 5.06 | 8.3 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:14 | 303.2597222 | Deploying | 2 | 8940 | 5 | 4.31 | 5.07 | 8.29 | 0 | 0 | 0 | -4 | -5 | -3 | -5 |
| 10/29/2016 6:14 | 303.2598148 | Winding down 1925 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:14 | 303.2600694 | Deploying | 2 | 8970 | 5.06 | 4.38 | 5.09 | 8.29 | 1515 | 1188 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 6:15 | 303.2604167 | Deploying | 2 | 9000 | 5.08 | 4.38 | 5.11 | 8.27 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:15 | 303.2607639 | Deploying | 2 | 9030 | 5.07 | 4.38 | 5.12 | 8.29 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:15 | 303.2607870 | Winding down 1290 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:16 | 303.2611111 | Deploying | 2 | 9060 | 5.13 | 4.43 | 5.14 | 8.25 | 1543 | 1186 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:16 | 303.2614583 | Deploying | 2 | 9090 | 5.14 | 4.43 | 5.16 | 8.29 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/29/2016 6:17 | 303.2618056 | Deploying | 2 | 9120 | 5.13 | 4.43 | 5.18 | 8.27 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:17 | 303.2621528 | Deploying | 2 | 9150 | 5.14 | 4.43 | 5.19 | 8.3 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:17 | 303.2623727 | Winding down 1656 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:18 | 303.2625000 | Deploying | 2 | 9180 | 5.16 | 4.5 | 5.21 | 8.27 | 1453 | 1167 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:18 | 303.2628472 | Deploying | 2 | 9210 | 5.21 | 4.5 | 5.23 | 8.27 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:19 | 303.2631944 | Deploying | 2 | 9240 | 5.2 | 4.5 | 5.24 | 8.27 | 0 | 0 | 0 | -5 | -4 | -3 | -4 |
| 10/29/2016 6:19 | 303.2635417 | Deploying | 2 | 9270 | 5.21 | 4.5 | 5.26 | 8.29 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:19 | 303.2637500 | Winding down 1667 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:20 | 303.2638889 | Deploying | 2 | 9300 | 5.23 | 4.56 | 5.28 | 8.25 | 1525 | 1192 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:20 | 303.2642361 | Deploying | 2 | 9330 | 5.28 | 4.56 | 5.29 | 8.27 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/29/2016 6:21 | 303.2645833 | Deploying | 2 | 9360 | 5.28 | 4.56 | 5.31 | 8.27 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/29/2016 6:21 | 303.2649306 | Deploying | 2 | 9390 | 5.28 | 4.56 | 5.33 | 8.3 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:21 | 303.2650810 | Winding down 1446 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:22 | 303.2652778 | Deploying | 2 | 9420 | 5.32 | 4.62 | 5.35 | 8.29 | 1436 | 1143 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:22 | 303.2656250 | Deploying | 2 | 9450 | 5.35 | 4.62 | 5.36 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:23 | 303.2659722 | Deploying | 2 | 9480 | 5.35 | 4.62 | 5.38 | 8.29 | 0 | 0 | 0 | -5 | -5 | -3 | -5 |
| 10/29/2016 6:23 | 303.2663194 | Deploying | 2 | 9510 | 5.35 | 4.62 | 5.4 | 8.27 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:23 | 303.2665625 | Winding down 1635 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:24 | 303.2666667 | Deploying | 2 | 9540 | 5.36 | 4.68 | 5.41 | 8.25 | 1523 | 1178 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:24 | 303.2670139 | Deploying | 2 | 9570 | 5.4 | 4.68 | 5.43 | 8.25 | 0 | 0 | 0 | -5 | -3 | -4 | -3 |
| 10/29/2016 6:25 | 303.2673611 | Deploying | 2 | 9600 | 5.41 | 4.68 | 5.45 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:25 | 303.2676968 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:25 | 303.2677083 | Deploying | 2 | 9630 | 5.4 | 4.74 | 5.46 | 8.25 | 1551 | 1194 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:26 | 303.2680556 | Deploying | 2 | 9660 | 5.47 | 4.74 | 5.48 | 8.29 | 1551 | 31 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:26 | 303.2684028 | Deploying | 2 | 9690 | 5.47 | 4.74 | 5.5 | 8.27 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 6:27 | 303.2687500 | Deploying | 2 | 9720 | 5.47 | 4.74 | 5.52 | 8.29 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/29/2016 6:27 | 303.2690625 | Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:27 | 303.2690972 | Deploying | 2 | 9750 | 5.47 | 4.8 | 5.53 | 8.3 | 1540 | 1189 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 6:28 | 303.2694444 | Deploying | 2 | 9780 | 5.53 | 4.8 | 5.55 | 8.25 | 0 | 0 | 0 | -5 | -5 | -3 | -5 |
| 10/29/2016 6:28 | 303.2697917 | Deploying | 2 | 9810 | 5.54 | 4.8 | 5.57 | 8.33 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 6:29 | 303.2701389 | Deploying | 2 | 9840 | 5.54 | 4.8 | 5.58 | 8.29 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:29 | 303.2704861 | Deploying | 2 | 9870 | 5.54 | 4.8 | 5.6 | 8.29 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:29 | 303.2706250 | Winding down 1757 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:30 | 303.2708333 | Deploying | 2 | 9900 | 5.58 | 4.86 | 5.62 | 8.27 | 1569 | 1205 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:30 | 303.2711806 | Deploying | 2 | 9930 | 5.6 | 4.86 | 5.63 | 8.27 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:31 | 303.2715278 | Deploying | 2 | 9960 | 5.6 | 4.86 | 5.65 | 8.27 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/29/2016 6:31 | 303.2718750 | Deploying | 2 | 9990 | 5.61 | 4.86 | 5.67 | 8.24 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 6:31 | 303.2719792 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:32 | 303.2722222 | Deploying | 2 | 10020 | 5.65 | 4.93 | 5.69 | 8.29 | 1494 | 1179 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:32 | 303.2725694 | Deploying | 2 | 10050 | 5.68 | 4.93 | 5.7 | 8.3 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 6:33 | 303.2729167 | Deploying | 2 | 10080 | 5.66 | 4.93 | 5.72 | 8.27 | 0 | 0 | 0 | -3 | -1 | -2 | -1 |
| 10/29/2016 6:33 | 303.2729745 | Winding down 1683 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:33 | 303.2732639 | Deploying | 2 | 10110 | 5.72 | 4.99 | 5.74 | 8.27 | 1567 | 1185 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:34 | 303.2736111 | Deploying | 2 | 10140 | 5.74 | 4.99 | 5.75 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:34 | 303.2739583 | Deploying | 2 | 10170 | 5.74 | 4.99 | 5.77 | 8.25 | 0 | 0 | 0 | -5 | -4 | -3 | -4 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:35 | 303.2743056 Deploying | 2 | 10200 | 5.75 | 4.99 | 5.79 | 8.29 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:35 | 303.2746528 Deploying | 2 | 10230 | 5.74 | 4.99 | 5.8 | 8.25 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 6:35 | 303.2746991 Winding down 1669 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:36 | 303.2750000 Deploying | 2 | 10260 | 5.81 | 5.06 | 5.82 | 8.29 | 1536 | 1187 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:36 | 303.2753472 Deploying | 2 | 10290 | 5.82 | 5.06 | 5.84 | 8.27 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:37 | 303.2756944 Deploying | 2 | 10320 | 5.83 | 5.06 | 5.86 | 8.29 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:37 | 303.2760417 Deploying | 2 | 10350 | 5.83 | 5.06 | 5.87 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:37 | 303.2763426 Winding down 1755 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:38 | 303.2763889 Deploying | 2 | 10380 | 5.83 | 5.12 | 5.89 | 8.27 | 1573 | 1202 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:38 | 303.2767361 Deploying | 2 | 10410 | 5.88 | 5.12 | 5.91 | 8.25 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 6:39 | 303.2770833 Deploying | 2 | 10440 | 5.9 | 5.12 | 5.92 | 8.29 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:39 | 303.2774306 Deploying | 2 | 10470 | 5.89 | 5.12 | 5.94 | 8.25 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:39 | 303.2776505 Winding down 1531 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:40 | 303.2777778 Deploying | 2 | 10500 | 5.92 | 5.18 | 5.96 | 8.29 | 1554 | 1194 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:40 | 303.2781250 Deploying | 2 | 10530 | 5.96 | 5.18 | 5.97 | 8.3 | 0 | 0 | 0 | -5 | -5 | -3 | -5 |
| 10/29/2016 6:41 | 303.2784722 Deploying | 2 | 10560 | 5.96 | 5.18 | 5.99 | 8.22 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:41 | 303.2788194 Deploying | 2 | 10590 | 5.95 | 5.18 | 6.01 | 8.22 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:41 | 303.2788542 Winding down 1655 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:42 | 303.2791667 Deploying | 2 | 10620 | 6.01 | 5.25 | 6.03 | 8.25 | 1520 | 1188 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:42 | 303.2795139 Deploying | 2 | 10650 | 6.03 | 5.25 | 6.04 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:43 | 303.2798611 Deploying | 2 | 10680 | 6.03 | 5.25 | 6.06 | 8.29 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:43 | 303.2802083 Deploying | 2 | 10710 | 6.03 | 5.25 | 6.08 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:43 | 303.2804514 Winding down 1610 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:44 | 303.2805556 Deploying | 2 | 10740 | 6.05 | 5.31 | 6.09 | 8.25 | 1573 | 1208 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:44 | 303.2809028 Deploying | 2 | 10770 | 6.09 | 5.31 | 6.11 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:45 | 303.2812500 Deploying | 2 | 10800 | 6.09 | 5.31 | 6.13 | 8.25 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:45 | 303.2815972 Deploying | 2 | 10830 | 6.1 | 5.31 | 6.14 | 8.27 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:45 | 303.2818403 Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:46 | 303.2819444 Deploying | 2 | 10860 | 6.11 | 5.37 | 6.16 | 8.24 | 1564 | 1194 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 6:46 | 303.2822917 Deploying | 2 | 10890 | 6.17 | 5.37 | 6.18 | 8.27 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/29/2016 6:47 | 303.2826389 Deploying | 2 | 10920 | 6.16 | 5.37 | 6.2 | 8.24 | 0 | 0 | 0 | -4 | -5 | -3 | -5 |
| 10/29/2016 6:47 | 303.2829861 Deploying | 2 | 10950 | 6.16 | 5.37 | 6.21 | 8.27 | 0 | 0 | 0 | -4 | -5 | -3 | -5 |
| 10/29/2016 6:47 | 303.2831250 Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:48 | 303.2833333 Deploying | 2 | 10980 | 6.19 | 5.43 | 6.23 | 8.25 | 1678 | 1207 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:48 | 303.2836806 Deploying | 2 | 11010 | 6.23 | 5.43 | 6.25 | 8.29 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 6:49 | 303.2840278 Deploying | 2 | 11040 | 6.22 | 5.43 | 6.26 | 8.24 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 6:49 | 303.2843750 Deploying | 2 | 11070 | 6.22 | 5.43 | 6.28 | 8.25 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:49 | 303.2843866 Winding down 1476 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:50 | 303.2847222 Deploying | 2 | 11100 | 6.29 | 5.48 | 6.3 | 8.25 | 1546 | 1195 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:50 | 303.2850694 Deploying | 2 | 11130 | 6.29 | 5.48 | 6.31 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:51 | 303.2854167 Deploying | 2 | 11160 | 6.29 | 5.48 | 6.33 | 8.24 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:51 | 303.2857639 Deploying | 2 | 11190 | 6.3 | 5.48 | 6.35 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:51 | 303.2859259 Winding down 1810 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:52 | 303.2861111 Deploying | 2 | 11220 | 6.32 | 5.55 | 6.37 | 8.25 | 1640 | 1209 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:52 | 303.2864583 Deploying | 2 | 11250 | 6.35 | 5.55 | 6.38 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:53 | 303.2868056 Deploying | 2 | 11280 | 6.36 | 5.55 | 6.4 | 8.24 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:53 | 303.2871528 Deploying | 2 | 11310 | 6.35 | 5.55 | 6.42 | 8.24 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:53 | 303.2871528 Winding down 1587 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:54 | 303.2875000 Deploying | 2 | 11340 | 6.42 | 5.61 | 6.43 | 8.29 | 1534 | 1185 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:54 | 303.2878472 Deploying | 2 | 11370 | 6.43 | 5.61 | 6.45 | 8.25 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:55 | 303.2881944 Deploying | 2 | 11400 | 6.42 | 5.61 | 6.47 | 8.22 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 6:55 | 303.2885069 Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:55 | 303.2885417 Deploying | 2 | 11430 | 6.43 | 5.67 | 6.48 | 8.27 | 1669 | 1213 | 0 | -4 | -3 | -3 | -3 |

| Date/Time | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:56 | 303.2888889 Deploying | 2 | 11460 | 6.49 | 5.67 | 6.5 | 8.25 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:56 | 303.2892361 Deploying | 2 | 11490 | 6.49 | 5.67 | 6.52 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:57 | 303.2895833 Deploying | 2 | 11520 | 6.49 | 5.67 | 6.54 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:57 | 303.2899306 Deploying | 2 | 11550 | 6.5 | 5.67 | 6.55 | 8.25 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:57 | 303.2899653 Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:58 | 303.2902778 Deploying | 2 | 11580 | 6.54 | 5.73 | 6.57 | 8.21 | 1539 | 1185 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:58 | 303.2906250 Deploying | 2 | 11610 | 6.54 | 5.73 | 6.59 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 6:59 | 303.2909722 Deploying | 2 | 11640 | 6.54 | 5.73 | 6.6 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 6:59 | 303.2910069 Winding down 1455 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:59 | 303.2913194 Deploying | 2 | 11670 | 6.6 | 5.78 | 6.62 | 8.21 | 1558 | 1202 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:00 | 303.2916667 Deploying | 2 | 11700 | 6.61 | 5.78 | 6.64 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:00 | 303.2920139 Deploying | 2 | 11730 | 6.61 | 5.78 | 6.65 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:00 | 303.2923495 Winding down 1373 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:01 | 303.2923611 Deploying | 2 | 11760 | 6.62 | 5.84 | 6.67 | 8.24 | 1660 | 1207 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:01 | 303.2927083 Deploying | 2 | 11790 | 6.66 | 5.84 | 6.69 | 8.24 | 1660 | 43 | 0 | -5 | -3 | -3 | -3 |
| 10/29/2016 7:02 | 303.2930556 Deploying | 2 | 11820 | 6.66 | 5.84 | 6.71 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:02 | 303.2934028 Deploying | 2 | 11850 | 6.67 | 5.84 | 6.72 | 8.22 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:02 | 303.2934838 Winding down 1536 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:03 | 303.2937500 Deploying | 2 | 11880 | 6.71 | 5.9 | 6.74 | 8.22 | 1427 | 1148 | 0 | -5 | -1 | -3 | -1 |
| 10/29/2016 7:03 | 303.2940972 Deploying | 2 | 11910 | 6.73 | 5.9 | 6.76 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:04 | 303.2944444 Deploying | 2 | 11940 | 6.73 | 5.9 | 6.77 | 8.25 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:04 | 303.2947801 Winding down 1648 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:04 | 303.2947917 Deploying | 2 | 11970 | 6.73 | 5.96 | 6.79 | 8.22 | 1542 | 1187 | 0 | -5 | -5 | -4 | -5 |
| 10/29/2016 7:05 | 303.2951389 Deploying | 2 | 12000 | 6.8 | 5.96 | 6.81 | 8.22 | 1542 | 18 | 0 | -5 | -4 | -4 | -4 |
| 10/29/2016 7:05 | 303.2954861 Deploying | 2 | 12030 | 6.79 | 5.96 | 6.82 | 8.24 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:06 | 303.2958333 Deploying | 2 | 12060 | 6.79 | 5.96 | 6.84 | 8.24 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:06 | 303.2961806 Deploying | 2 | 12090 | 6.8 | 5.96 | 6.86 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:06 | 303.2963194 Winding down 1782 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:07 | 303.2965278 Deploying | 2 | 12120 | 6.84 | 6.03 | 6.88 | 8.24 | 1534 | 1168 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:07 | 303.2968750 Deploying | 2 | 12150 | 6.87 | 6.03 | 6.89 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:08 | 303.2972222 Deploying | 2 | 12180 | 6.87 | 6.03 | 6.91 | 8.25 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:08 | 303.2975694 Deploying | 2 | 12210 | 6.87 | 6.03 | 6.93 | 8.25 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:08 | 303.2977083 Winding down 1482 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:09 | 303.2979167 Deploying | 2 | 12240 | 6.91 | 6.08 | 6.94 | 8.22 | 1641 | 1199 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:09 | 303.2982639 Deploying | 2 | 12270 | 6.94 | 6.08 | 6.96 | 8.25 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:10 | 303.2986111 Deploying | 2 | 12300 | 6.93 | 6.08 | 6.98 | 8.24 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:10 | 303.2989583 Deploying | 2 | 12330 | 6.93 | 6.08 | 6.99 | 8.24 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:10 | 303.2989815 Winding down 1790 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:11 | 303.2993056 Deploying | 2 | 12360 | 7 | 6.15 | 7.01 | 8.25 | 1529 | 1183 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:11 | 303.2996528 Deploying | 2 | 12390 | 7 | 6.15 | 7.03 | 8.24 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 7:12 | 303.3000000 Deploying | 2 | 12420 | 7 | 6.15 | 7.05 | 8.24 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 7:12 | 303.3003472 Deploying | 2 | 12450 | 7 | 6.15 | 7.06 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:12 | 303.3003472 Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:13 | 303.3006944 Deploying | 2 | 12480 | 7.06 | 6.21 | 7.08 | 8.22 | 1633 | 1203 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:13 | 303.3010417 Deploying | 2 | 12510 | 7.08 | 6.21 | 7.1 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:14 | 303.3013889 Deploying | 2 | 12540 | 7.06 | 6.21 | 7.11 | 8.22 | 0 | 0 | 0 | -5 | -4 | -3 | -4 |
| 10/29/2016 7:14 | 303.3015741 Winding down 1439 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:14 | 303.3017361 Deploying | 2 | 12570 | 7.09 | 6.27 | 7.13 | 8.22 | 1539 | 1188 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:15 | 303.3020833 Deploying | 2 | 12600 | 7.13 | 6.27 | 7.15 | 8.21 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:15 | 303.3024306 Deploying | 2 | 12630 | 7.12 | 6.27 | 7.16 | 8.22 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 7:16 | 303.3027778 Deploying | 2 | 12660 | 7.13 | 6.27 | 7.18 | 8.25 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:16 | 303.3029514 Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:16 | 303.3031250 Deploying | 2 | 12690 | 7.17 | 6.33 | 7.2 | 8.25 | 1439 | 1162 | 0 | -3 | -3 | -3 | -3 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:17 | 303.3034722 Deploying | 2 | 12720 | 7.2 | 6.33 | 7.22 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:17 | 303.3038194 Deploying | 2 | 12750 | 7.2 | 6.33 | 7.23 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:18 | 303.3041667 Deploying | 2 | 12780 | 7.2 | 6.33 | 7.25 | 8.22 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:18 | 303.3044444 Winding down 1477 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:18 | 303.3045139 Deploying | 2 | 12810 | 7.21 | 6.39 | 7.27 | 8.22 | 1436 | 1143 | 0 | -2 | -3 | -3 | -3 |
| 10/29/2016 7:19 | 303.3048611 Deploying | 2 | 12840 | 7.26 | 6.39 | 7.28 | 8.22 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:19 | 303.3052083 Deploying | 2 | 12870 | 7.25 | 6.39 | 7.3 | 8.21 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:19 | 303.3054745 Winding down 1638 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:20 | 303.3055556 Deploying | 2 | 12900 | 7.26 | 6.45 | 7.32 | 8.22 | 1588 | 1197 | 0 | -4 | -2 | -2 | -2 |
| 10/29/2016 7:20 | 303.3059028 Deploying | 2 | 12930 | 7.32 | 6.45 | 7.33 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:21 | 303.3062500 Deploying | 2 | 12960 | 7.32 | 6.45 | 7.35 | 8.22 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:21 | 303.3065972 Deploying | 2 | 12990 | 7.32 | 6.45 | 7.37 | 8.21 | 0 | 0 | 0 | -4 | -2 | -3 | -2 |
| 10/29/2016 7:21 | 303.3069213 Winding down 1834 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:22 | 303.3069444 Deploying | 2 | 13020 | 7.32 | 6.52 | 7.39 | 8.17 | 1528 | 1183 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 7:22 | 303.3072917 Deploying | 2 | 13050 | 7.39 | 6.52 | 7.4 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:23 | 303.3076389 Deploying | 2 | 13080 | 7.39 | 6.52 | 7.42 | 8.21 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 7:23 | 303.3079861 Deploying | 2 | 13110 | 7.39 | 6.52 | 7.44 | 8.21 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 7:24 | 303.3083333 Deploying | 2 | 13140 | 7.39 | 6.52 | 7.45 | 8.22 | 0 | 0 | 0 | -2 | -3 | -3 | -3 |
| 10/29/2016 7:24 | 303.3084028 Winding down 1647 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:24 | 303.3086806 Deploying | 2 | 13170 | 7.44 | 6.58 | 7.47 | 8.19 | 1437 | 1168 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:25 | 303.3090278 Deploying | 2 | 13200 | 7.46 | 6.58 | 7.49 | 8.21 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:25 | 303.3093750 Deploying | 2 | 13230 | 7.46 | 6.58 | 7.5 | 8.19 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:25 | 303.3096412 Winding down 1463 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:26 | 303.3097222 Deploying | 2 | 13260 | 7.47 | 6.64 | 7.52 | 8.22 | 1535 | 1183 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:26 | 303.3100694 Deploying | 2 | 13290 | 7.53 | 6.64 | 7.54 | 8.21 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:27 | 303.3104167 Deploying | 2 | 13320 | 7.52 | 6.64 | 7.56 | 8.25 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:27 | 303.3107639 Deploying | 2 | 13350 | 7.53 | 6.64 | 7.57 | 8.22 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:27 | 303.3110301 Winding down 1713 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:28 | 303.3111111 Deploying | 2 | 13380 | 7.53 | 6.71 | 7.59 | 8.21 | 1610 | 1194 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:28 | 303.3114583 Deploying | 2 | 13410 | 7.6 | 6.71 | 7.61 | 8.22 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:29 | 303.3118056 Deploying | 2 | 13440 | 7.58 | 6.71 | 7.62 | 8.22 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:29 | 303.3121528 Deploying | 2 | 13470 | 7.59 | 6.71 | 7.64 | 8.19 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:29 | 303.3124190 Winding down 1463 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:30 | 303.3125000 Deploying | 2 | 13500 | 7.61 | 6.76 | 7.66 | 8.19 | 1482 | 1177 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:30 | 303.3128472 Deploying | 2 | 13530 | 7.66 | 6.76 | 7.67 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:31 | 303.3131944 Deploying | 2 | 13560 | 7.65 | 6.76 | 7.69 | 8.19 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:31 | 303.3135301 Winding down 1648 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:31 | 303.3135417 Deploying | 2 | 13590 | 7.65 | 6.82 | 7.71 | 8.21 | 1554 | 1177 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:32 | 303.3138889 Deploying | 2 | 13620 | 7.72 | 6.82 | 7.73 | 8.24 | 1554 | 31 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:32 | 303.3142361 Deploying | 2 | 13650 | 7.72 | 6.82 | 7.74 | 8.21 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:33 | 303.3145833 Deploying | 2 | 13680 | 7.73 | 6.82 | 7.76 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:33 | 303.3149306 Deploying | 2 | 13710 | 7.73 | 6.82 | 7.78 | 8.19 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:33 | 303.3152546 Winding down 1909 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:34 | 303.3152778 Deploying | 2 | 13740 | 7.72 | 6.9 | 7.79 | 8.16 | 1522 | 1186 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:34 | 303.3156250 Deploying | 2 | 13770 | 7.79 | 6.9 | 7.81 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:35 | 303.3159722 Deploying | 2 | 13800 | 7.79 | 6.9 | 7.83 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:35 | 303.3163194 Deploying | 2 | 13830 | 7.8 | 6.9 | 7.84 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:35 | 303.3164699 Winding down 1546 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:36 | 303.3166667 Deploying | 2 | 13860 | 7.83 | 6.96 | 7.86 | 8.21 | 1613 | 1198 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:36 | 303.3170139 Deploying | 2 | 13890 | 7.86 | 6.96 | 7.88 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:37 | 303.3173611 Deploying | 2 | 13920 | 7.86 | 6.96 | 7.9 | 8.19 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:37 | 303.3177083 Deploying | 2 | 13950 | 7.87 | 6.96 | 7.91 | 8.21 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:38 | 303.3180556 Deploying | 2 | 13980 | 7.87 | 6.96 | 7.93 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |

| Date/Time | Value | Status | Col | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:38 | 303.3180903 | Winding down 1680 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:38 | 303.3184028 | Deploying | 2 | 14010 | 7.92 | 7.02 | 7.95 | 8.19 | 1488 | 1176 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:39 | 303.3187500 | Deploying | 2 | 14040 | 7.93 | 7.02 | 7.96 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:39 | 303.3190972 | Deploying | 2 | 14070 | 7.93 | 7.02 | 7.98 | 8.19 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:39 | 303.3192593 | Winding down 1435 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:40 | 303.3194444 | Deploying | 2 | 14100 | 7.96 | 7.08 | 8 | 8.24 | 1546 | 1191 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:40 | 303.3197917 | Deploying | 2 | 14130 | 7.99 | 7.08 | 8.01 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:41 | 303.3201389 | Deploying | 2 | 14160 | 8 | 7.08 | 8.03 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:41 | 303.3204861 | Deploying | 2 | 14190 | 8 | 7.08 | 8.05 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:41 | 303.3207407 | Winding down 1774 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:42 | 303.3208333 | Deploying | 2 | 14220 | 8.01 | 7.14 | 8.07 | 8.21 | 1538 | 1174 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:42 | 303.3211806 | Deploying | 2 | 14250 | 8.06 | 7.14 | 8.08 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:43 | 303.3215278 | Deploying | 2 | 14280 | 8.06 | 7.14 | 8.1 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:43 | 303.3218750 | Deploying | 2 | 14310 | 8.06 | 7.14 | 8.12 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:43 | 303.3220602 | Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:44 | 303.3222222 | Deploying | 2 | 14340 | 8.09 | 7.21 | 8.13 | 8.17 | 1613 | 1209 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:44 | 303.3225694 | Deploying | 2 | 14370 | 8.14 | 7.21 | 8.15 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:45 | 303.3229167 | Deploying | 2 | 14400 | 8.14 | 7.21 | 8.17 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:45 | 303.3232639 | Deploying | 2 | 14430 | 8.13 | 7.21 | 8.18 | 8.19 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:45 | 303.3235069 | Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:46 | 303.3236111 | Deploying | 2 | 14460 | 8.15 | 7.27 | 8.2 | 8.19 | 1673 | 1208 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 7:46 | 303.3239583 | Deploying | 2 | 14490 | 8.2 | 7.27 | 8.22 | 8.21 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:47 | 303.3243056 | Deploying | 2 | 14520 | 8.2 | 7.27 | 8.24 | 8.22 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:47 | 303.3246528 | Deploying | 2 | 14550 | 8.21 | 7.27 | 8.25 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:47 | 303.3249653 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:48 | 303.3250000 | Deploying | 2 | 14580 | 8.21 | 7.33 | 8.27 | 8.21 | 1526 | 1180 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:48 | 303.3253472 | Deploying | 2 | 14610 | 8.27 | 7.33 | 8.29 | 8.22 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:49 | 303.3256944 | Deploying | 2 | 14640 | 8.27 | 7.33 | 8.3 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:49 | 303.3260417 | Deploying | 2 | 14670 | 8.27 | 7.33 | 8.32 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:49 | 303.3261806 | Winding down 1557 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:50 | 303.3263889 | Deploying | 2 | 14700 | 8.3 | 7.39 | 8.34 | 8.24 | 1578 | 1198 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:50 | 303.3267361 | Deploying | 2 | 14730 | 8.33 | 7.39 | 8.35 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:51 | 303.3270833 | Deploying | 2 | 14760 | 8.34 | 7.39 | 8.37 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:51 | 303.3274306 | Deploying | 2 | 14790 | 8.34 | 7.39 | 8.39 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:51 | 303.3275579 | Winding down 1468 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:52 | 303.3277778 | Deploying | 2 | 14820 | 8.37 | 7.45 | 8.41 | 8.22 | 1542 | 1188 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:52 | 303.3281250 | Deploying | 2 | 14850 | 8.39 | 7.45 | 8.42 | 8.22 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:53 | 303.3284722 | Deploying | 2 | 14880 | 8.39 | 7.45 | 8.44 | 8.21 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:53 | 303.3287847 | Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:53 | 303.3288194 | Deploying | 2 | 14910 | 8.4 | 7.51 | 8.46 | 8.19 | 1544 | 1190 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:54 | 303.3291667 | Deploying | 2 | 14940 | 8.46 | 7.51 | 8.47 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:54 | 303.3295139 | Deploying | 2 | 14970 | 8.46 | 7.51 | 8.49 | 8.24 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:55 | 303.3298611 | Deploying | 2 | 15000 | 8.45 | 7.51 | 8.51 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:55 | 303.3300463 | Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:55 | 303.3302083 | Deploying | 2 | 15030 | 8.49 | 7.57 | 8.52 | 8.21 | 1513 | 1189 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:56 | 303.3305556 | Deploying | 2 | 15060 | 8.53 | 7.57 | 8.54 | 8.24 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:56 | 303.3309028 | Deploying | 2 | 15090 | 8.53 | 7.57 | 8.56 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:57 | 303.3312500 | Deploying | 2 | 15120 | 8.52 | 7.57 | 8.58 | 8.24 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 7:57 | 303.3314120 | Winding down 1785 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:57 | 303.3315972 | Deploying | 2 | 15150 | 8.56 | 7.64 | 8.59 | 8.21 | 1481 | 1180 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 7:58 | 303.3319444 | Deploying | 2 | 15180 | 8.59 | 7.64 | 8.61 | 8.22 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:58 | 303.3322917 | Deploying | 2 | 15210 | 8.61 | 7.64 | 8.63 | 8.19 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 7:59 | 303.3326389 | Deploying | 2 | 15240 | 8.6 | 7.64 | 8.64 | 8.19 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:59 | 303.3329861 | Deploying | 2 | 15270 | 8.6 | 7.64 | 8.66 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 7:59 | 303.3330671 | Winding down 1711 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:00 | 303.3333333 | Deploying | 2 | 15300 | 8.65 | 7.71 | 8.68 | 8.24 | 1589 | 1209 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:00 | 303.3336806 | Deploying | 2 | 15330 | 8.67 | 7.71 | 8.69 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:01 | 303.3340278 | Deploying | 2 | 15360 | 8.67 | 7.71 | 8.71 | 8.24 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:01 | 303.3343519 | Winding down 1434 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:01 | 303.3343750 | Deploying | 2 | 15390 | 8.68 | 7.76 | 8.73 | 8.16 | 1615 | 1203 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:02 | 303.3347222 | Deploying | 2 | 15420 | 8.73 | 7.76 | 8.75 | 8.21 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:02 | 303.3350694 | Deploying | 2 | 15450 | 8.73 | 7.76 | 8.76 | 8.22 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:03 | 303.3354167 | Deploying | 2 | 15480 | 8.73 | 7.76 | 8.78 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:03 | 303.3357523 | Winding down 1773 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:03 | 303.3357639 | Deploying | 2 | 15510 | 8.73 | 7.83 | 8.8 | 8.22 | 1537 | 1191 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:04 | 303.3361111 | Deploying | 2 | 15540 | 8.8 | 7.83 | 8.81 | 8.19 | 1537 | 43 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:04 | 303.3364583 | Deploying | 2 | 15570 | 8.8 | 7.83 | 8.83 | 8.19 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 8:05 | 303.3368056 | Deploying | 2 | 15600 | 8.8 | 7.83 | 8.85 | 8.22 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:05 | 303.3371528 | Deploying | 2 | 15630 | 8.81 | 7.83 | 8.86 | 8.21 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 8:05 | 303.3372106 | Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:06 | 303.3375000 | Deploying | 2 | 15660 | 8.85 | 7.89 | 8.88 | 8.22 | 1506 | 1184 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 8:06 | 303.3378472 | Deploying | 2 | 15690 | 8.87 | 7.89 | 8.9 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:07 | 303.3381944 | Deploying | 2 | 15720 | 8.86 | 7.89 | 8.92 | 8.19 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:07 | 303.3383333 | Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:07 | 303.3385417 | Deploying | 2 | 15750 | 8.9 | 7.95 | 8.93 | 8.22 | 1544 | 1186 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:08 | 303.3388889 | Deploying | 2 | 15780 | 8.93 | 7.95 | 8.95 | 8.22 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:08 | 303.3392361 | Deploying | 2 | 15810 | 8.93 | 7.95 | 8.97 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:09 | 303.3395833 | Deploying | 2 | 15840 | 8.92 | 7.95 | 8.98 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:09 | 303.3397106 | Winding down 1568 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:09 | 303.3399306 | Deploying | 2 | 15870 | 8.96 | 8.01 | 9 | 8.22 | 1523 | 1187 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:10 | 303.3402778 | Deploying | 2 | 15900 | 9 | 8.01 | 9.02 | 8.24 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:10 | 303.3406250 | Deploying | 2 | 15930 | 9 | 8.01 | 9.03 | 8.22 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:11 | 303.3409722 | Deploying | 2 | 15960 | 8.99 | 8.01 | 9.05 | 8.22 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:11 | 303.3410185 | Winding down 1594 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:11 | 303.3413194 | Deploying | 2 | 15990 | 9.05 | 8.07 | 9.07 | 8.21 | 1468 | 1169 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:12 | 303.3416667 | Deploying | 2 | 16020 | 9.06 | 8.07 | 9.09 | 8.22 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 8:12 | 303.3420139 | Deploying | 2 | 16050 | 9.05 | 8.07 | 9.1 | 8.22 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:12 | 303.3423032 | Winding down 1541 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:13 | 303.3423611 | Deploying | 2 | 16080 | 9.06 | 8.13 | 9.12 | 8.22 | 1532 | 1191 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 8:13 | 303.3427083 | Deploying | 2 | 16110 | 9.11 | 8.13 | 9.14 | 8.22 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:14 | 303.3430556 | Deploying | 2 | 16140 | 9.12 | 8.13 | 9.15 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:14 | 303.3434028 | Deploying | 2 | 16170 | 9.12 | 8.13 | 9.17 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:14 | 303.3435880 | Winding down 1639 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:15 | 303.3437500 | Deploying | 2 | 16200 | 9.15 | 8.19 | 9.19 | 8.21 | 1556 | 1192 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:15 | 303.3440972 | Deploying | 2 | 16230 | 9.18 | 8.19 | 9.2 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:16 | 303.3444444 | Deploying | 2 | 16260 | 9.19 | 8.19 | 9.22 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:16 | 303.3447917 | Deploying | 2 | 16290 | 9.18 | 8.19 | 9.24 | 8.19 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:16 | 303.3448843 | Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:17 | 303.3451389 | Deploying | 2 | 16320 | 9.24 | 8.25 | 9.26 | 8.19 | 1448 | 1163 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:17 | 303.3454861 | Deploying | 2 | 16350 | 9.26 | 8.25 | 9.27 | 8.19 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:18 | 303.3458333 | Deploying | 2 | 16380 | 9.24 | 8.25 | 9.29 | 8.19 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:18 | 303.3461806 | Deploying | 2 | 16410 | 9.25 | 8.25 | 9.31 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:18 | 303.3462500 | Winding down 1572 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:19 | 303.3465278 | Deploying | 2 | 16440 | 9.31 | 8.31 | 9.32 | 8.19 | 1662 | 1205 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:19 | 303.3468750 | Deploying | 2 | 16470 | 9.31 | 8.31 | 9.34 | 8.22 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:20 | 303.3472222 | Deploying | 2 | 16500 | 9.31 | 8.31 | 9.36 | 8.19 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:20 | 303.3475579 Winding down 1573 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:20 | 303.3475694 Deploying | 2 | 16530 | 9.31 | 8.37 | 9.37 | 8.19 | 1507 | 1181 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:21 | 303.3479167 Deploying | 2 | 16560 | 9.37 | 8.37 | 9.39 | 8.19 | 1507 | 24 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:21 | 303.3482639 Deploying | 2 | 16590 | 9.36 | 8.37 | 9.41 | 8.21 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:22 | 303.3486111 Deploying | 2 | 16620 | 9.37 | 8.37 | 9.43 | 8.19 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 8:22 | 303.3488426 Winding down 1795 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:22 | 303.3489583 Deploying | 2 | 16650 | 9.4 | 8.44 | 9.44 | 8.19 | 1577 | 1199 | 0 | -3 | -4 | -2 | -4 |
| 10/29/2016 8:23 | 303.3493056 Deploying | 2 | 16680 | 9.44 | 8.44 | 9.46 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:23 | 303.3496528 Deploying | 2 | 16710 | 9.44 | 8.44 | 9.48 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:24 | 303.3500000 Deploying | 2 | 16740 | 9.45 | 8.44 | 9.49 | 8.21 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:24 | 303.3502546 Winding down 1624 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:24 | 303.3503472 Deploying | 2 | 16770 | 9.46 | 8.51 | 9.51 | 8.21 | 1444 | 1166 | 0 | -3 | -2 | -2 | -2 |
| 10/29/2016 8:25 | 303.3506944 Deploying | 2 | 16800 | 9.51 | 8.51 | 9.53 | 8.17 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:25 | 303.3510417 Deploying | 2 | 16830 | 9.51 | 8.51 | 9.54 | 8.19 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:26 | 303.3513889 Deploying | 2 | 16860 | 9.51 | 8.51 | 9.56 | 8.21 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:26 | 303.3516782 Winding down 1716 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:26 | 303.3517361 Deploying | 2 | 16890 | 9.51 | 8.57 | 9.58 | 8.21 | 1564 | 1188 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:27 | 303.3520833 Deploying | 2 | 16920 | 9.58 | 8.57 | 9.6 | 8.19 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:27 | 303.3524306 Deploying | 2 | 16950 | 9.58 | 8.57 | 9.61 | 8.21 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:28 | 303.3527778 Deploying | 2 | 16980 | 9.58 | 8.57 | 9.63 | 8.21 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:28 | 303.3529977 Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:28 | 303.3531250 Deploying | 2 | 17010 | 9.6 | 8.63 | 9.65 | 8.21 | 1570 | 1206 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:29 | 303.3534722 Deploying | 2 | 17040 | 9.65 | 8.63 | 9.66 | 8.19 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:29 | 303.3538194 Deploying | 2 | 17070 | 9.64 | 8.63 | 9.68 | 8.19 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:30 | 303.3541667 Deploying | 2 | 17100 | 9.65 | 8.63 | 9.7 | 8.19 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:30 | 303.3544444 Winding down 1677 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:30 | 303.3545139 Deploying | 2 | 17130 | 9.66 | 8.7 | 9.71 | 8.19 | 1574 | 1207 | 0 | -4 | -2 | -3 | -2 |
| 10/29/2016 8:31 | 303.3548611 Deploying | 2 | 17160 | 9.71 | 8.7 | 9.73 | 8.22 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/29/2016 8:31 | 303.3552083 Deploying | 2 | 17190 | 9.71 | 8.7 | 9.75 | 8.21 | 0 | 0 | 0 | -5 | -4 | -4 | -4 |
| 10/29/2016 8:32 | 303.3555556 Deploying | 2 | 17220 | 9.71 | 8.7 | 9.77 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:32 | 303.3556713 Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:32 | 303.3559028 Deploying | 2 | 17250 | 9.76 | 8.76 | 9.78 | 8.17 | 1417 | 1162 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:33 | 303.3562500 Deploying | 2 | 17280 | 9.78 | 8.76 | 9.8 | 8.16 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:33 | 303.3565972 Deploying | 2 | 17310 | 9.78 | 8.76 | 9.82 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:34 | 303.3569444 Deploying | 2 | 17340 | 9.78 | 8.76 | 9.83 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:34 | 303.3570486 Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:34 | 303.3572917 Deploying | 2 | 17370 | 9.82 | 8.81 | 9.85 | 8.14 | 1535 | 1186 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:35 | 303.3576389 Deploying | 2 | 17400 | 9.83 | 8.81 | 9.87 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:35 | 303.3579861 Deploying | 2 | 17430 | 9.82 | 8.81 | 9.88 | 8.17 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:35 | 303.3582292 Winding down 1910 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:36 | 303.3583333 Deploying | 2 | 17460 | 9.85 | 8.88 | 9.9 | 8.19 | 1416 | 1152 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:36 | 303.3586806 Deploying | 2 | 17490 | 9.91 | 8.88 | 9.92 | 8.21 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:37 | 303.3590278 Deploying | 2 | 17520 | 9.91 | 8.88 | 9.94 | 8.19 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:37 | 303.3593750 Deploying | 2 | 17550 | 9.91 | 8.88 | 9.95 | 8.22 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:38 | 303.3597222 Deploying | 2 | 17580 | 9.91 | 8.88 | 9.97 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:38 | 303.3598495 Winding down 1518 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:38 | 303.3600694 Deploying | 2 | 17610 | 9.95 | 8.94 | 9.99 | 8.21 | 1422 | 1147 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:39 | 303.3604167 Deploying | 2 | 17640 | 9.97 | 8.94 | 10 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:39 | 303.3607639 Deploying | 2 | 17670 | 9.96 | 8.94 | 10.02 | 8.16 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:39 | 303.3609491 Winding down 1714 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:40 | 303.3611111 Deploying | 2 | 17700 | 10 | 9.01 | 10.04 | 8.19 | 1443 | 1178 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:40 | 303.3614583 Deploying | 2 | 17730 | 10.04 | 9.01 | 10.05 | 8.19 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:41 | 303.3618056 Deploying | 2 | 17760 | 10.02 | 9.01 | 10.07 | 8.17 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |

| 10/29/2016 8:41 | 303.3621528 Deploying | 2 | 17790 | 10.03 | 9.01 | 10.09 | 8.17 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:41 | 303.3622569 Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:42 | 303.3625000 Deploying | 2 | 17820 | 10.08 | 9.07 | 10.11 | 8.17 | 1590 | 1191 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:42 | 303.3628472 Deploying | 2 | 17850 | 10.1 | 9.07 | 10.12 | 8.19 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:43 | 303.3631944 Deploying | 2 | 17880 | 10.09 | 9.07 | 10.14 | 8.17 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:43 | 303.3634375 Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:43 | 303.3635417 Deploying | 2 | 17910 | 10.11 | 9.13 | 10.16 | 8.17 | 1436 | 1170 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:44 | 303.3638889 Deploying | 2 | 17940 | 10.16 | 9.13 | 10.17 | 8.19 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:44 | 303.3642361 Deploying | 2 | 17970 | 10.17 | 9.13 | 10.19 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:45 | 303.3645833 Deploying | 2 | 18000 | 10.16 | 9.13 | 10.21 | 8.17 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:45 | 303.3649190 Winding down 1598 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:45 | 303.3649306 Deploying | 2 | 18030 | 10.16 | 9.19 | 10.22 | 8.14 | 1430 | 1158 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:46 | 303.3652778 Deploying | 2 | 18060 | 10.23 | 9.19 | 10.24 | 8.17 | 1430 | 50 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:46 | 303.3656250 Deploying | 2 | 18090 | 10.23 | 9.19 | 10.26 | 8.19 | 0 | 0 | 0 | -5 | -4 | -3 | -4 |
| 10/29/2016 8:47 | 303.3659722 Deploying | 2 | 18120 | 10.23 | 9.19 | 10.28 | 8.17 | 0 | 0 | 0 | -3 | -3 | -3 | -3 |
| 10/29/2016 8:47 | 303.3662731 Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:47 | 303.3663194 Deploying | 2 | 18150 | 10.23 | 9.25 | 10.29 | 8.19 | 1572 | 1203 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:48 | 303.3666667 Deploying | 2 | 18180 | 10.29 | 9.25 | 10.31 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:48 | 303.3670139 Deploying | 2 | 18210 | 10.29 | 9.25 | 10.33 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:49 | 303.3673611 Deploying | 2 | 18240 | 10.29 | 9.25 | 10.34 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:49 | 303.3674306 Winding down 1422 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:49 | 303.3677083 Deploying | 2 | 18270 | 10.34 | 9.31 | 10.36 | 8.17 | 1521 | 1192 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:50 | 303.3680556 Deploying | 2 | 18300 | 10.35 | 9.31 | 10.38 | 8.16 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 8:50 | 303.3684028 Deploying | 2 | 18330 | 10.36 | 9.31 | 10.39 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:51 | 303.3687500 Deploying | 2 | 18360 | 10.36 | 9.31 | 10.41 | 8.17 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:51 | 303.3689699 Winding down 1606 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:51 | 303.3690972 Deploying | 2 | 18390 | 10.37 | 9.37 | 10.43 | 8.16 | 1553 | 1186 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 8:52 | 303.3694444 Deploying | 2 | 18420 | 10.42 | 9.37 | 10.45 | 8.16 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:52 | 303.3697917 Deploying | 2 | 18450 | 10.43 | 9.37 | 10.46 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:52 | 303.3701273 Winding down 1823 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:53 | 303.3701389 Deploying | 2 | 18480 | 10.41 | 9.44 | 10.48 | 8.16 | 1558 | 1198 | 0 | -5 | -4 | -4 | -4 |
| 10/29/2016 8:53 | 303.3704861 Deploying | 2 | 18510 | 10.49 | 9.44 | 10.5 | 8.13 | 1558 | 29 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:54 | 303.3708333 Deploying | 2 | 18540 | 10.49 | 9.44 | 10.51 | 8.14 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 8:54 | 303.3711806 Deploying | 2 | 18570 | 10.48 | 9.44 | 10.53 | 8.14 | 0 | 0 | 0 | -4 | -5 | -3 | -5 |
| 10/29/2016 8:55 | 303.3715278 Deploying | 2 | 18600 | 10.49 | 9.44 | 10.55 | 8.16 | 0 | 0 | 0 | -5 | -4 | -3 | -4 |
| 10/29/2016 8:55 | 303.3715278 Winding down 1437 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:55 | 303.3718750 Deploying | 2 | 18630 | 10.55 | 9.49 | 10.56 | 8.21 | 1572 | 1201 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:56 | 303.3722222 Deploying | 2 | 18660 | 10.55 | 9.49 | 10.58 | 8.21 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:56 | 303.3725694 Deploying | 2 | 18690 | 10.55 | 9.49 | 10.6 | 8.17 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 8:56 | 303.3726968 Winding down 1693 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:57 | 303.3729167 Deploying | 2 | 18720 | 10.57 | 9.56 | 10.62 | 8.16 | 1569 | 1201 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:57 | 303.3732639 Deploying | 2 | 18750 | 10.61 | 9.56 | 10.63 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:58 | 303.3736111 Deploying | 2 | 18780 | 10.6 | 9.56 | 10.65 | 8.16 | 0 | 0 | 0 | -5 | -3 | -3 | -3 |
| 10/29/2016 8:58 | 303.3739583 Deploying | 2 | 18810 | 10.61 | 9.56 | 10.67 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 8:58 | 303.3739583 Winding down 1462 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:59 | 303.3743056 Deploying | 2 | 18840 | 10.66 | 9.62 | 10.68 | 8.19 | 1663 | 1200 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 8:59 | 303.3746528 Deploying | 2 | 18870 | 10.67 | 9.62 | 10.7 | 8.14 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 9:00 | 303.3750000 Deploying | 2 | 18900 | 10.67 | 9.62 | 10.72 | 8.13 | 0 | 0 | 0 | -2 | -3 | -2 | -3 |
| 10/29/2016 9:00 | 303.3752662 Winding down 1638 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:00 | 303.3753472 Deploying | 2 | 18930 | 10.67 | 9.68 | 10.73 | 8.17 | 1565 | 1203 | 0 | -3 | -1 | -2 | -1 |
| 10/29/2016 9:01 | 303.3756944 Deploying | 2 | 18960 | 10.73 | 9.68 | 10.75 | 8.13 | 0 | 0 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 9:01 | 303.3760417 Deploying | 2 | 18990 | 10.74 | 9.68 | 10.77 | 8.16 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 9:02 | 303.3763889 Deploying | 2 | 19020 | 10.74 | 9.68 | 10.79 | 8.14 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |

| Date/Time | Event | State | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10/29/2016 9:02 | 303.3766319 Winding down 1610 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:02 | 303.3767361 Deploying | 2 | 19050 | 10.76 | 9.74 | 10.8 | 8.17 | 1421 | 1150 | 0 | -3 | -3 | -2 | -3 |
| 10/29/2016 9:03 | 303.3770833 Deploying | 2 | 19080 | 10.83 | 9.74 | 10.82 | 8.16 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 9:03 | 303.3774306 Deploying | 2 | 19110 | 10.81 | 9.74 | 10.84 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 9:04 | 303.3777778 Deploying | 2 | 19140 | 10.81 | 9.74 | 10.85 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 9:04 | 303.3781250 Deploying | 2 | 19170 | 10.82 | 9.74 | 10.87 | 8.13 | 0 | 0 | 0 | -3 | -4 | -3 | -4 |
| 10/29/2016 9:04 | 303.3781597 Winding down 1455 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:05 | 303.3784722 Deploying | 2 | 19200 | 10.86 | 9.8 | 10.89 | 8.16 | 1424 | 1156 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 9:05 | 303.3788194 Deploying | 2 | 19230 | 10.88 | 9.8 | 10.9 | 8.14 | 0 | 0 | 0 | -4 | -4 | -4 | -4 |
| 10/29/2016 9:06 | 303.3791667 Deploying | 2 | 19260 | 10.87 | 9.8 | 10.92 | 8.16 | 0 | 0 | 0 | -4 | -4 | -3 | -4 |
| 10/29/2016 9:06 | 303.3793750 Winding down 1567 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:06 | 303.3795139 Deploying | 2 | 19290 | 10.89 | 9.86 | 10.94 | 8.17 | 1530 | 1186 | 0 | -3 | -3 | -1 | -3 |
| 10/29/2016 9:07 | 303.3798611 Deploying | 2 | 19320 | 10.92 | 9.86 | 10.96 | 8.16 | 0 | 0 | 0 | -4 | -3 | -3 | -3 |
| 10/29/2016 9:07 | 303.3802083 Deploying | 2 | 19350 | 10.92 | 9.86 | 10.97 | 8.19 | 0 | 0 | 0 | -7 | -11 | -5 | -11 |
| 10/29/2016 9:07 | 303.3804745 Winding down 1563 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:08 | 303.3805556 Deploying | 2 | 19380 | 10.94 | 9.92 | 10.99 | 8.14 | 1538 | 1190 | 0 | -4 | 4 | 0 | 4 |
| 10/29/2016 9:08 | 303.3809028 Deploying | 2 | 19410 | 10.99 | 9.92 | 11.01 | 8.14 | 0 | 0 | 0 | 7 | 11 | 9 | 11 |
| 10/29/2016 9:09 | 303.3812500 Deploying | 2 | 19440 | 11 | 9.92 | 11.02 | 8.14 | 0 | 0 | 6 | 9 | 8 | 9 | 8 |
| 10/29/2016 9:09 | 303.3815972 Deploying | 2 | 19470 | 10.98 | 9.92 | 11.04 | 8.13 | 0 | 0 | 1 | 0 | 7 | 3 | 7 |
| 10/29/2016 9:09 | 303.3818056 Winding down 1567 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:10 | 303.3819444 Deploying | 2 | 19500 | 11.02 | 9.98 | 11.06 | 8.16 | 1420 | 1152 | 0 | 5 | 3 | 6 | 3 |
| 10/29/2016 9:10 | 303.3822917 Deploying | 2 | 19530 | 11.06 | 9.98 | 11.07 | 8.11 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 10/29/2016 9:11 | 303.3826389 Deploying | 2 | 19560 | 11.05 | 9.98 | 11.09 | 8.14 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| 10/29/2016 9:11 | 303.3829861 Deploying | 2 | 19590 | 11.05 | 9.98 | 11.11 | 8.13 | 0 | 0 | 0 | 5 | 4 | 3 | 4 |
| 10/29/2016 9:11 | 303.3831829 Winding down 1753 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:11 | 303.3833218 Probe hit seabed | 4 | | | | | | | | | | | |
| 10/29/2016 9:11 | 303.3833218 State 4 (REWIND) | 5 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3833333 Rewinding | 5 | 19619 | 11.07 | 10.04 | 11.06 | 8.08 | 0 | 0 | | | | | |
| 10/29/2016 9:12 | 303.3833449 Winding up 1375 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3833681 Winding up 2625 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3834028 Winding up 4350 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3834606 Winding up 6625 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3835417 Winding up 8825 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3836458 Winding up 9225 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3836806 Rewinding | 5 | 19619 | 10.64 | 8.77 | 10.31 | 8 | 885 | 670 | | | | | |
| 10/29/2016 9:12 | 303.3837616 Winding up 7025 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3838542 Winding up 4900 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3839120 Winding up 3525 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3839583 Winding up 2349 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3839931 Winding up 1600 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3840278 Rewinding | 5 | 19619 | 9.58 | 8.03 | 9.56 | 8.13 | 897 | 675 | | | | | |
| 10/29/2016 9:13 | 303.3841782 Winding up 1325 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3842014 Winding up 1700 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3842245 Winding up 2099 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3842593 Winding up 2900 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3842940 Winding up 3625 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3843403 Winding up 4600 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3843750 Rewinding | 5 | 19619 | 8.99 | 7.41 | 8.81 | 7.98 | 885 | 668 | | | | | |
| 10/29/2016 9:13 | 303.3843981 Winding up 5400 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3844676 Winding up 5575 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3845370 Winding up 4774 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3845949 Winding up 3775 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 9:13 | 303.3846412 Winding up 2900 ticks | 3 | | | | | | | | | | | |

| Date | Value | Status | Col | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:13 | 303.3846759 | Winding up 2175 ticks | 3 | | | | | | | |
| 10/29/2016 9:13 | 303.3847106 | Winding up 1524 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3847222 | Rewinding | 5 | 19619 | 8.09 | 6.41 | 8.06 | 8.11 | 885 | 106 |
| 10/29/2016 9:14 | 303.3849190 | Winding up 1425 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3849421 | Winding up 1875 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3849653 | Winding up 2400 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3850000 | Winding up 3250 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3850463 | Winding up 4250 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3850694 | Rewinding | 5 | 19619 | 7.48 | 5.9 | 7.31 | 7.89 | 871 | 657 |
| 10/29/2016 9:14 | 303.3851042 | Winding up 5575 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3851736 | Winding up 6250 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3852546 | Winding up 5725 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3853241 | Winding up 4350 ticks | 3 | | | | | | | |
| 10/29/2016 9:14 | 303.3853819 | Winding up 3275 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3854167 | Rewinding | 5 | 19619 | 6.64 | 4.94 | 6.56 | 8 | 887 | 656 |
| 10/29/2016 9:15 | 303.3854282 | Winding up 2400 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3854630 | Winding up 1800 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3854861 | Winding up 1350 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3856829 | Winding up 1250 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3857060 | Winding up 1700 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3857292 | Winding up 2125 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3857639 | Rewinding | 5 | 19619 | 5.9 | 4.54 | 5.81 | 8.02 | 885 | 661 |
| 10/29/2016 9:15 | 303.3857639 | Winding up 2850 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3857986 | Winding up 3625 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3858449 | Winding up 4575 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3859028 | Winding up 5500 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3859722 | Winding up 5500 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3860417 | Winding up 4675 ticks | 3 | | | | | | | |
| 10/29/2016 9:15 | 303.3860995 | Winding up 3575 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3861111 | Rewinding | 5 | 19619 | 5.17 | 3.39 | 5.06 | 8.1 | 903 | 676 |
| 10/29/2016 9:16 | 303.3861458 | Winding up 2400 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3861806 | Winding up 1650 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3864005 | Winding up 1400 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3864236 | Winding up 1925 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3864468 | Winding up 2600 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3864583 | Rewinding | 5 | 19619 | 4.41 | 3.01 | 4.31 | 8.08 | 903 | 81 |
| 10/29/2016 9:16 | 303.3864815 | Winding up 3525 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3865278 | Winding up 4575 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3865856 | Winding up 5725 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3866551 | Winding up 6175 ticks | 3 | | | | | | | |
| 10/29/2016 9:16 | 303.3867361 | Winding up 5300 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3868056 | Rewinding | 5 | 19619 | 3.69 | 2.05 | 3.56 | 8.03 | 886 | 656 |
| 10/29/2016 9:17 | 303.3868056 | Winding up 3725 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3868519 | Winding up 2675 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3868866 | Winding up 1850 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3869097 | Winding up 1400 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3871296 | Winding up 1425 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3871528 | Rewinding | 5 | 19619 | 2.87 | 1.63 | 2.81 | 7.9 | 888 | 659 |
| 10/29/2016 9:17 | 303.3871528 | Winding up 1975 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3871875 | Winding up 2925 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3872222 | Winding up 3850 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3872685 | Winding up 5025 ticks | 3 | | | | | | | |
| 10/29/2016 9:17 | 303.3873380 | Winding up 6300 ticks | 3 | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:17 | 303.3874190 Winding up 6475 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3875000 Rewinding | 5 | 19619 | 2.24 | 0.62 | 2.06 | 8 | 863 | 657 | |
| 10/29/2016 9:18 | 303.3875000 Winding up 5125 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3875694 Winding up 3650 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3876157 Winding up 2725 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3876505 Winding up 1925 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3876736 Winding up 1525 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3878472 Rewinding | 5 | 19619 | 1.31 | 0.06 | 1.31 | 8.02 | 879 | 660 | |
| 10/29/2016 9:18 | 303.3878935 Winding up 1325 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3879167 Winding up 1825 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3879398 Winding up 2300 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3879745 Winding up 3050 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3880208 Winding up 4150 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3880787 Winding up 5575 ticks | 3 | | | | | | | | |
| 10/29/2016 9:18 | 303.3881481 Winding up 6200 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3881944 Rewinding | 5 | 19619 | 0.78 | -0.86 | 0.56 | 7.89 | 878 | 655 | |
| 10/29/2016 9:19 | 303.3882060 Winding up 6050 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3882176 Winding up 5950 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3882292 Winding up 5850 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3882407 Winding up 5750 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3882523 Winding up 5675 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3882639 Winding up 5700 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3882755 Winding up 5675 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3882870 Winding up 5700 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3882986 Winding up 5800 ticks | 3 | | | | | | | | |
| 10/29/2016 9:19 | 303.3883102 Overcurrent (motor jam) condition detected | 5 | | | | | | | | |
| 10/29/2016 9:19 | 303.3883102 State 5 (FINISHED) | 5 | | | | | | | | |
| 10/29/2016 9:53 | 303.4123611 Manual stop | 5 | | | | | | | | |
| 10/29/2016 9:53 | 303.4123611 State 1 (IDLE) | 5 | | | | | | | | |

DPS8-1

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 17:45 | 303.7395833 | Deployment begins | 1 | | | | | | | | | | | | |
| 10/28/2016 17:45 | 303.7399306 | Deploying | 2 | 30 | 0.37 | 0 | 0.02 | 8.13 | 0 | 0 | 0 | 11 | 11 | 10 | 11 |
| 10/28/2016 17:46 | 303.7402778 | Deploying | 2 | 60 | 0.36 | 0 | 0.04 | 8.13 | 0 | 0 | 0 | 22 | 15 | 14 | 15 |
| 10/28/2016 17:46 | 303.7406250 | Deploying | 2 | 90 | 0.36 | 0 | 0.06 | 8.11 | 0 | 0 | 0 | 12 | 13 | 13 | 13 |
| 10/28/2016 17:47 | 303.7409722 | Deploying | 2 | 120 | 0.37 | 0 | 0.08 | 8.08 | 0 | 0 | 0 | 12 | 12 | 13 | 12 |
| 10/28/2016 17:47 | 303.7413194 | Deploying | 2 | 150 | 0.37 | 0 | 0.09 | 8.11 | 0 | 0 | 0 | 10 | 14 | 11 | 14 |
| 10/28/2016 17:48 | 303.7416667 | Deploying | 2 | 180 | 0.37 | 0 | 0.11 | 8.11 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/28/2016 17:48 | 303.7420139 | Deploying | 2 | 210 | 0.37 | 0 | 0.13 | 8.11 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 17:49 | 303.7423611 | Deploying | 2 | 240 | 0.36 | 0 | 0.14 | 8.1 | 0 | 0 | 0 | 13 | 12 | 11 | 12 |
| 10/28/2016 17:49 | 303.7427083 | Deploying | 2 | 270 | 0.36 | 0 | 0.16 | 8.11 | 0 | 0 | 0 | 13 | 10 | 8 | 10 |
| 10/28/2016 17:50 | 303.7430556 | Deploying | 2 | 300 | 0.38 | 0 | 0.18 | 8.11 | 0 | 0 | 0 | 12 | 14 | 14 | 14 |
| 10/28/2016 17:50 | 303.7434028 | Deploying | 2 | 330 | 0.36 | 0 | 0.19 | 8.1 | 0 | 0 | 0 | 13 | 13 | 14 | 13 |
| 10/28/2016 17:51 | 303.7437500 | Deploying | 2 | 360 | 0.36 | 0 | 0.21 | 8.11 | 0 | 0 | 0 | 10 | 14 | 12 | 14 |
| 10/28/2016 17:51 | 303.7440972 | Deploying | 2 | 390 | 0.37 | 0 | 0.23 | 8.08 | 0 | 0 | 0 | 10 | 14 | 12 | 14 |
| 10/28/2016 17:52 | 303.7444444 | Deploying | 2 | 420 | 0.37 | 0 | 0.25 | 8.11 | 0 | 0 | 0 | 11 | 12 | 13 | 12 |
| 10/28/2016 17:52 | 303.7447917 | Deploying | 2 | 450 | 0.37 | 0 | 0.26 | 8.11 | 0 | 0 | 0 | 11 | 12 | 12 | 12 |
| 10/28/2016 17:53 | 303.7451389 | Deploying | 2 | 480 | 0.37 | 0 | 0.28 | 8.08 | 0 | 0 | 0 | 12 | 12 | 11 | 12 |
| 10/28/2016 17:53 | 303.7454861 | Deploying | 2 | 510 | 0.37 | 0 | 0.3 | 8.11 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 17:54 | 303.7458333 | Deploying | 2 | 540 | 0.37 | 0 | 0.31 | 8.1 | 0 | 0 | 0 | 11 | 11 | 12 | 11 |
| 10/28/2016 17:54 | 303.7461806 | Deploying | 2 | 570 | 0.37 | 0 | 0.33 | 8.1 | 0 | 0 | 0 | 12 | 14 | 12 | 14 |
| 10/28/2016 17:55 | 303.7465278 | Deploying | 2 | 600 | 0.37 | 0 | 0.35 | 8.1 | 0 | 0 | 0 | 10 | 13 | 11 | 13 |
| 10/28/2016 17:55 | 303.7468750 | Deploying | 2 | 630 | 0.37 | 0 | 0.36 | 8.11 | 0 | 0 | 0 | 12 | 11 | 12 | 11 |
| 10/28/2016 17:56 | 303.7472222 | Deploying | 2 | 660 | 0.36 | 0 | 0.38 | 8.11 | 0 | 0 | 0 | 11 | 10 | 11 | 10 |
| 10/28/2016 17:56 | 303.7475694 | Deploying | 2 | 690 | 0.37 | 0 | 0.4 | 8.11 | 0 | 0 | 0 | 11 | 12 | 12 | 12 |
| 10/28/2016 17:57 | 303.7479167 | Deploying | 2 | 720 | 0.37 | 0 | 0.42 | 8.1 | 0 | 0 | 0 | 13 | 11 | 12 | 11 |
| 10/28/2016 17:57 | 303.7482292 | Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:57 | 303.7482639 | Deploying | 2 | 750 | 0.37 | 0.06 | 0.43 | 8.11 | 1723 | 1342 | 0 | 11 | 10 | 12 | 10 |
| 10/28/2016 17:58 | 303.7486111 | Deploying | 2 | 780 | 0.4 | 0.06 | 0.45 | 8.11 | 0 | 0 | 0 | 10 | 14 | 12 | 14 |
| 10/28/2016 17:58 | 303.7487153 | Winding down 1315 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 17:58 | 303.7489583 | Deploying | 2 | 810 | 0.44 | 0.11 | 0.47 | 8.11 | 2071 | 1390 | 0 | 11 | 13 | 12 | 13 |
| 10/28/2016 17:59 | 303.7493056 | Deploying | 2 | 840 | 0.46 | 0.11 | 0.48 | 8.1 | 0 | 0 | 0 | 11 | 11 | 12 | 11 |
| 10/28/2016 17:59 | 303.7496528 | Deploying | 2 | 870 | 0.46 | 0.11 | 0.5 | 8.1 | 0 | 0 | 0 | 11 | 10 | 11 | 10 |
| 10/28/2016 18:00 | 303.7500000 | Deploying | 2 | 900 | 0.46 | 0.11 | 0.52 | 8.08 | 0 | 0 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 18:00 | 303.7501389 | Winding down 1807 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:00 | 303.7503472 | Deploying | 2 | 930 | 0.49 | 0.18 | 0.53 | 8.1 | 2046 | 1474 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 18:01 | 303.7506944 | Deploying | 2 | 960 | 0.52 | 0.18 | 0.55 | 8.13 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 18:01 | 303.7510417 | Deploying | 2 | 990 | 0.52 | 0.18 | 0.57 | 8.1 | 0 | 0 | 0 | 10 | 11 | 11 | 11 |
| 10/28/2016 18:01 | 303.7513310 | Winding down 1391 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:02 | 303.7513889 | Deploying | 2 | 1020 | 0.53 | 0.23 | 0.59 | 8.1 | 1871 | 1465 | 0 | 12 | 11 | 10 | 11 |
| 10/28/2016 18:02 | 303.7517361 | Deploying | 2 | 1050 | 0.57 | 0.23 | 0.6 | 8.11 | 0 | 0 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 18:03 | 303.7520833 | Deploying | 2 | 1080 | 0.57 | 0.23 | 0.62 | 8.11 | 0 | 0 | 0 | 13 | 12 | 11 | 12 |
| 10/28/2016 18:03 | 303.7523032 | Winding down 1631 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:03 | 303.7524306 | Deploying | 2 | 1110 | 0.59 | 0.29 | 0.64 | 8.1 | 1989 | 1483 | 0 | 10 | 14 | 12 | 14 |
| 10/28/2016 18:04 | 303.7527778 | Deploying | 2 | 1140 | 0.63 | 0.29 | 0.65 | 8.05 | 0 | 0 | 0 | 11 | 10 | 11 | 10 |
| 10/28/2016 18:04 | 303.7531250 | Deploying | 2 | 1170 | 0.64 | 0.29 | 0.67 | 8.06 | 0 | 0 | 0 | 9 | 13 | 10 | 13 |
| 10/28/2016 18:05 | 303.7534722 | Deploying | 2 | 1200 | 0.64 | 0.29 | 0.69 | 8.1 | 0 | 0 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 18:05 | 303.7538194 | Deploying | 2 | 1230 | 0.65 | 0.29 | 0.7 | 8.08 | 0 | 0 | 0 | 12 | 11 | 12 | 11 |
| 10/28/2016 18:05 | 303.7538889 | Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:06 | 303.7541667 | Deploying | 2 | 1260 | 0.7 | 0.35 | 0.72 | 8.08 | 1997 | 1498 | 0 | 11 | 12 | 11 | 12 |
| 10/28/2016 18:06 | 303.7545139 | Deploying | 2 | 1290 | 0.71 | 0.35 | 0.74 | 8.13 | 0 | 0 | 0 | 12 | 12 | 11 | 12 |
| 10/28/2016 18:07 | 303.7548611 | Deploying | 2 | 1320 | 0.7 | 0.35 | 0.76 | 8.08 | 0 | 0 | 0 | 11 | 12 | 11 | 12 |
| 10/28/2016 18:07 | 303.7550000 | Winding down 1482 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:07 | 303.7552083 | Deploying | 2 | 1350 | 0.73 | 0.4 | 0.77 | 8.1 | 2156 | 1522 | 0 | 11 | 11 | 11 | 11 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 18:08 | 303.7555556 | Deploying | 2 | 1380 | 0.77 | 0.4 | 0.79 | 8.08 | 0 | 0 | 0 | 13 | 12 | 12 | 12 |
| 10/28/2016 18:08 | 303.7559028 | Deploying | 2 | 1410 | 0.77 | 0.4 | 0.81 | 8.1 | 0 | 0 | 0 | 13 | 12 | 11 | 12 |
| 10/28/2016 18:09 | 303.7562500 | Deploying | 2 | 1440 | 0.77 | 0.4 | 0.82 | 8.1 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:09 | 303.7563542 | Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:09 | 303.7565972 | Deploying | 2 | 1470 | 0.8 | 0.47 | 0.84 | 8.08 | 1987 | 1494 | 0 | 13 | 12 | 12 | 12 |
| 10/28/2016 18:10 | 303.7569444 | Deploying | 2 | 1500 | 0.83 | 0.47 | 0.86 | 8.11 | 0 | 0 | 0 | 12 | 12 | 11 | 12 |
| 10/28/2016 18:10 | 303.7572917 | Deploying | 2 | 1530 | 0.83 | 0.47 | 0.87 | 8.1 | 0 | 0 | 0 | 10 | 11 | 11 | 11 |
| 10/28/2016 18:10 | 303.7575579 | Winding down 1538 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:11 | 303.7576389 | Deploying | 2 | 1560 | 0.85 | 0.52 | 0.89 | 8.11 | 2168 | 1532 | 0 | 11 | 14 | 13 | 14 |
| 10/28/2016 18:11 | 303.7579861 | Deploying | 2 | 1590 | 0.89 | 0.52 | 0.91 | 8.06 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/28/2016 18:12 | 303.7583333 | Deploying | 2 | 1620 | 0.89 | 0.52 | 0.93 | 8.13 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:12 | 303.7586806 | Deploying | 2 | 1650 | 0.88 | 0.52 | 0.94 | 8.08 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/28/2016 18:12 | 303.7588426 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:13 | 303.7590278 | Deploying | 2 | 1680 | 0.91 | 0.58 | 0.96 | 8.1 | 1719 | 1341 | 0 | 13 | 12 | 12 | 12 |
| 10/28/2016 18:13 | 303.7593750 | Deploying | 2 | 1710 | 0.95 | 0.58 | 0.98 | 8.1 | 0 | 0 | 0 | 12 | 11 | 12 | 11 |
| 10/28/2016 18:14 | 303.7597222 | Deploying | 2 | 1740 | 0.96 | 0.58 | 0.99 | 8.06 | 0 | 0 | 0 | 12 | 11 | 12 | 11 |
| 10/28/2016 18:14 | 303.7600694 | Deploying | 2 | 1770 | 0.96 | 0.58 | 1.01 | 8.1 | 0 | 0 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 18:14 | 303.7601968 | Winding down 1543 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:15 | 303.7604167 | Deploying | 2 | 1800 | 0.99 | 0.64 | 1.03 | 8.1 | 1783 | 1356 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 18:15 | 303.7607639 | Deploying | 2 | 1830 | 1.02 | 0.64 | 1.04 | 8.06 | 0 | 0 | 0 | 13 | 12 | 12 | 12 |
| 10/28/2016 18:16 | 303.7611111 | Deploying | 2 | 1860 | 1.03 | 0.64 | 1.06 | 8.06 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:16 | 303.7614583 | Deploying | 2 | 1890 | 1.02 | 0.64 | 1.08 | 8.08 | 0 | 0 | 0 | 11 | 10 | 11 | 10 |
| 10/28/2016 18:16 | 303.7615856 | Winding down 1893 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:17 | 303.7618056 | Deploying | 2 | 1920 | 1.05 | 0.71 | 1.1 | 8.08 | 2211 | 1563 | 0 | 12 | 12 | 12 | 12 |
| 10/28/2016 18:17 | 303.7621528 | Deploying | 2 | 1950 | 1.09 | 0.71 | 1.11 | 8.08 | 0 | 0 | 0 | 12 | 13 | 13 | 13 |
| 10/28/2016 18:18 | 303.7625000 | Deploying | 2 | 1980 | 1.09 | 0.71 | 1.13 | 8.1 | 0 | 0 | 0 | 14 | 12 | 12 | 12 |
| 10/28/2016 18:18 | 303.7628472 | Deploying | 2 | 2010 | 1.09 | 0.71 | 1.15 | 8.06 | 0 | 0 | 0 | 13 | 12 | 12 | 12 |
| 10/28/2016 18:18 | 303.7629514 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:19 | 303.7631944 | Deploying | 2 | 2040 | 1.13 | 0.78 | 1.16 | 8.1 | 2000 | 1315 | 0 | 11 | 12 | 11 | 12 |
| 10/28/2016 18:19 | 303.7635417 | Deploying | 2 | 2070 | 1.16 | 0.78 | 1.18 | 8.08 | 0 | 0 | 0 | 11 | 13 | 12 | 13 |
| 10/28/2016 18:20 | 303.7638889 | Deploying | 2 | 2100 | 1.16 | 0.78 | 1.2 | 8.08 | 0 | 0 | 0 | 12 | 13 | 12 | 13 |
| 10/28/2016 18:20 | 303.7642245 | Winding down 1448 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:20 | 303.7642361 | Deploying | 2 | 2130 | 1.16 | 0.83 | 1.21 | 8.06 | 2059 | 1472 | 0 | 12 | 12 | 11 | 12 |
| 10/28/2016 18:21 | 303.7645833 | Deploying | 2 | 2160 | 1.21 | 0.83 | 1.23 | 8.06 | 2059 | 59 | 0 | 11 | 12 | 11 | 12 |
| 10/28/2016 18:21 | 303.7649306 | Deploying | 2 | 2190 | 1.22 | 0.83 | 1.25 | 8.1 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:22 | 303.7652778 | Deploying | 2 | 2220 | 1.22 | 0.83 | 1.27 | 8.11 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/28/2016 18:22 | 303.7655556 | Winding down 1477 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:22 | 303.7656250 | Deploying | 2 | 2250 | 1.23 | 0.89 | 1.28 | 8.1 | 1978 | 1296 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:23 | 303.7659722 | Deploying | 2 | 2280 | 1.28 | 0.89 | 1.3 | 8.1 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/28/2016 18:23 | 303.7663194 | Deploying | 2 | 2310 | 1.28 | 0.89 | 1.32 | 8.08 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:24 | 303.7666667 | Deploying | 2 | 2340 | 1.27 | 0.89 | 1.33 | 8.06 | 0 | 0 | 0 | 12 | 12 | 11 | 12 |
| 10/28/2016 18:24 | 303.7667477 | Winding down 1686 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:24 | 303.7670139 | Deploying | 2 | 2370 | 1.33 | 0.95 | 1.35 | 8.1 | 1991 | 1520 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 18:25 | 303.7673611 | Deploying | 2 | 2400 | 1.35 | 0.95 | 1.37 | 8.1 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:25 | 303.7677083 | Deploying | 2 | 2430 | 1.35 | 0.95 | 1.38 | 8.08 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:26 | 303.7680556 | Deploying | 2 | 2460 | 1.35 | 0.95 | 1.4 | 8.08 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/28/2016 18:26 | 303.7683796 | Winding down 1859 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:26 | 303.7684028 | Deploying | 2 | 2490 | 1.35 | 1.02 | 1.42 | 8.02 | 1667 | 1376 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 18:27 | 303.7687500 | Deploying | 2 | 2520 | 1.43 | 1.02 | 1.44 | 8.06 | 0 | 0 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 18:27 | 303.7690972 | Deploying | 2 | 2550 | 1.41 | 1.02 | 1.45 | 8.08 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/28/2016 18:27 | 303.7693750 | Winding down 1652 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:28 | 303.7694444 | Deploying | 2 | 2580 | 1.42 | 1.08 | 1.47 | 8.1 | 2194 | 1558 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 18:28 | 303.7697917 | Deploying | 2 | 2610 | 1.49 | 1.08 | 1.49 | 8.08 | 0 | 0 | 0 | 13 | 12 | 11 | 12 |
| 10/28/2016 18:29 | 303.7701389 | Deploying | 2 | 2640 | 1.48 | 1.08 | 1.5 | 8.1 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 18:29 | 303.7704861 | Deploying | 2 | 2670 | 1.48 | 1.08 | 1.52 | 8.08 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:30 | 303.7708333 | Deploying | 2 | 2700 | 1.47 | 1.08 | 1.54 | 8.06 | 0 | 0 | 0 | 11 | 13 | 12 | 13 |
| 10/28/2016 18:30 | 303.7709028 | Winding down 1572 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:30 | 303.7711806 | Deploying | 2 | 2730 | 1.53 | 1.14 | 1.55 | 8.1 | 2003 | 1495 | 0 | 11 | 13 | 12 | 13 |
| 10/28/2016 18:31 | 303.7715278 | Deploying | 2 | 2760 | 1.55 | 1.14 | 1.57 | 8.05 | 0 | 0 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:31 | 303.7718750 | Deploying | 2 | 2790 | 1.54 | 1.14 | 1.59 | 8.06 | 0 | 0 | 0 | 13 | 12 | 11 | 12 |
| 10/28/2016 18:31 | 303.7721296 | Winding down 1549 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:32 | 303.7722222 | Deploying | 2 | 2820 | 1.56 | 1.2 | 1.61 | 8.05 | 1649 | 1250 | 0 | 11 | 12 | 12 | 12 |
| 10/28/2016 18:32 | 303.7725694 | Deploying | 2 | 2850 | 1.6 | 1.2 | 1.62 | 8.08 | 0 | 0 | 0 | 9 | 11 | 11 | 11 |
| 10/28/2016 18:33 | 303.7729167 | Deploying | 2 | 2880 | 1.6 | 1.2 | 1.64 | 8.06 | 0 | 0 | 0 | 12 | 11 | 11 | 11 |
| 10/28/2016 18:33 | 303.7732639 | Deploying | 2 | 2910 | 1.62 | 1.2 | 1.66 | 8.08 | 0 | 0 | 0 | 11 | 12 | 11 | 12 |
| 10/28/2016 18:34 | 303.7736111 | Deploying | 2 | 2940 | 1.61 | 1.2 | 1.67 | 8.08 | 0 | 0 | 0 | 9 | 13 | 11 | 13 |
| 10/28/2016 18:34 | 303.7736690 | Winding down 1658 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:34 | 303.7739583 | Deploying | 2 | 2970 | 1.66 | 1.26 | 1.69 | 8.08 | 2156 | 1559 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 18:35 | 303.7743056 | Deploying | 2 | 3000 | 1.67 | 1.26 | 1.71 | 8.1 | 0 | 0 | 0 | 11 | 10 | 11 | 10 |
| 10/28/2016 18:35 | 303.7746528 | Deploying | 2 | 3030 | 1.68 | 1.26 | 1.72 | 8.1 | 0 | 0 | 0 | 9 | 13 | 11 | 13 |
| 10/28/2016 18:35 | 303.7748611 | Winding down 1492 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:36 | 303.7750000 | Deploying | 2 | 3060 | 1.7 | 1.32 | 1.74 | 8.1 | 1610 | 1276 | 0 | 9 | 12 | 11 | 12 |
| 10/28/2016 18:36 | 303.7753472 | Deploying | 2 | 3090 | 1.75 | 1.32 | 1.76 | 8.1 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 18:37 | 303.7756944 | Deploying | 2 | 3120 | 1.74 | 1.32 | 1.78 | 8.06 | 0 | 0 | 0 | 10 | 12 | 10 | 12 |
| 10/28/2016 18:37 | 303.7760417 | Deploying | 2 | 3150 | 1.75 | 1.32 | 1.79 | 8.08 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 18:38 | 303.7763889 | Deploying | 2 | 3180 | 1.74 | 1.32 | 1.81 | 8.08 | 0 | 0 | 0 | 10 | 12 | 10 | 12 |
| 10/28/2016 18:38 | 303.7764120 | Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:38 | 303.7767361 | Deploying | 2 | 3210 | 1.8 | 1.38 | 1.83 | 8.1 | 1898 | 1431 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 18:39 | 303.7770833 | Deploying | 2 | 3240 | 1.82 | 1.38 | 1.84 | 8.1 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 18:39 | 303.7774306 | Deploying | 2 | 3270 | 1.83 | 1.38 | 1.86 | 8.06 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 18:40 | 303.7777778 | Deploying | 2 | 3300 | 1.83 | 1.38 | 1.88 | 8.08 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 18:40 | 303.7779051 | Winding down 1643 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:40 | 303.7781250 | Deploying | 2 | 3330 | 1.86 | 1.45 | 1.89 | 8.08 | 1790 | 1374 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 18:41 | 303.7784722 | Deploying | 2 | 3360 | 1.89 | 1.45 | 1.91 | 8.1 | 0 | 0 | 0 | 9 | 13 | 11 | 13 |
| 10/28/2016 18:41 | 303.7788194 | Deploying | 2 | 3390 | 1.9 | 1.45 | 1.93 | 8.05 | 0 | 0 | 0 | 12 | 12 | 12 | 12 |
| 10/28/2016 18:42 | 303.7791667 | Deploying | 2 | 3420 | 1.9 | 1.45 | 1.95 | 8.08 | 0 | 0 | 0 | 11 | 12 | 11 | 12 |
| 10/28/2016 18:42 | 303.7794097 | Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:42 | 303.7795139 | Deploying | 2 | 3450 | 1.9 | 1.51 | 1.96 | 8.06 | 1995 | 1513 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:43 | 303.7798611 | Deploying | 2 | 3480 | 1.95 | 1.51 | 1.98 | 8.06 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 18:43 | 303.7802083 | Deploying | 2 | 3510 | 1.96 | 1.51 | 2 | 8.1 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 18:44 | 303.7805556 | Deploying | 2 | 3540 | 1.96 | 1.51 | 2.01 | 8.08 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 18:44 | 303.7806019 | Winding down 1419 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:44 | 303.7809028 | Deploying | 2 | 3570 | 2.01 | 1.57 | 2.03 | 8.06 | 2155 | 1533 | 0 | 11 | 11 | 11 | 11 |
| 10/28/2016 18:45 | 303.7812500 | Deploying | 2 | 3600 | 2.03 | 1.57 | 2.05 | 8.08 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 18:45 | 303.7815972 | Deploying | 2 | 3630 | 2.02 | 1.57 | 2.06 | 8.06 | 0 | 0 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 18:46 | 303.7819444 | Deploying | 2 | 3660 | 2.03 | 1.57 | 2.08 | 8.08 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 18:46 | 303.7820602 | Winding down 1629 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:46 | 303.7822917 | Deploying | 2 | 3690 | 2.06 | 1.63 | 2.1 | 8.1 | 1753 | 1263 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 18:47 | 303.7826389 | Deploying | 2 | 3720 | 2.09 | 1.63 | 2.12 | 8.1 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 18:47 | 303.7829861 | Deploying | 2 | 3750 | 2.09 | 1.63 | 2.13 | 8.08 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 18:47 | 303.7832755 | Winding down 1441 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:48 | 303.7833333 | Deploying | 2 | 3780 | 2.1 | 1.68 | 2.15 | 8.05 | 2016 | 1311 | 0 | 8 | 9 | 10 | 9 |
| 10/28/2016 18:48 | 303.7836806 | Deploying | 2 | 3810 | 2.15 | 1.68 | 2.17 | 8.08 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 18:49 | 303.7840278 | Deploying | 2 | 3840 | 2.15 | 1.68 | 2.18 | 8.08 | 0 | 0 | 0 | 11 | 11 | 10 | 11 |
| 10/28/2016 18:49 | 303.7843750 | Deploying | 2 | 3870 | 2.16 | 1.68 | 2.2 | 8.06 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 18:50 | 303.7847222 | Deploying | 2 | 3900 | 2.15 | 1.68 | 2.22 | 8.08 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 18:50 | 303.7847569 | Winding down 1780 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:50 | 303.7850694 | Deploying | 2 | 3930 | 2.21 | 1.75 | 2.23 | 8.06 | 1951 | 1492 | 0 | 11 | 10 | 10 | 10 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 18:51 | 303.7854167 | Deploying | 2 | 3960 | 2.22 | 1.75 | 2.25 | 8.1 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 18:51 | 303.7857639 | Deploying | 2 | 3990 | 2.23 | 1.75 | 2.27 | 8.1 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 18:52 | 303.7861111 | Deploying | 2 | 4020 | 2.22 | 1.75 | 2.29 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 18:52 | 303.7861111 | Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:52 | 303.7864583 | Deploying | 2 | 4050 | 2.28 | 1.81 | 2.3 | 8.08 | 1694 | 1353 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 18:53 | 303.7868056 | Deploying | 2 | 4080 | 2.29 | 1.81 | 2.32 | 8.06 | 0 | 0 | 0 | 10 | 8 | 10 | 8 |
| 10/28/2016 18:53 | 303.7871528 | Deploying | 2 | 4110 | 2.29 | 1.81 | 2.34 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 18:54 | 303.7875000 | Deploying | 2 | 4140 | 2.3 | 1.81 | 2.35 | 8.06 | 0 | 0 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 18:54 | 303.7876389 | Winding down 1732 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:54 | 303.7878472 | Deploying | 2 | 4170 | 2.33 | 1.88 | 2.37 | 8.03 | 1547 | 1261 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 18:55 | 303.7881944 | Deploying | 2 | 4200 | 2.35 | 1.88 | 2.39 | 8.06 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 18:55 | 303.7885417 | Deploying | 2 | 4230 | 2.35 | 1.88 | 2.4 | 8.06 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 18:55 | 303.7886806 | Winding down 1482 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:56 | 303.7888889 | Deploying | 2 | 4260 | 2.38 | 1.93 | 2.42 | 8.08 | 2026 | 1514 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 18:56 | 303.7892361 | Deploying | 2 | 4290 | 2.42 | 1.93 | 2.44 | 8.08 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 18:57 | 303.7895833 | Deploying | 2 | 4320 | 2.42 | 1.93 | 2.46 | 8.06 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 18:57 | 303.7899306 | Deploying | 2 | 4350 | 2.42 | 1.93 | 2.47 | 8.05 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 18:57 | 303.7901736 | Winding down 1835 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 18:58 | 303.7902778 | Deploying | 2 | 4380 | 2.43 | 2 | 2.49 | 8.06 | 1953 | 1524 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 18:58 | 303.7906250 | Deploying | 2 | 4410 | 2.5 | 2 | 2.51 | 8.08 | 0 | 0 | 0 | 12 | 11 | 10 | 11 |
| 10/28/2016 18:59 | 303.7909722 | Deploying | 2 | 4440 | 2.5 | 2 | 2.52 | 8.1 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 18:59 | 303.7913194 | Deploying | 2 | 4470 | 2.49 | 2 | 2.54 | 8.06 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 18:59 | 303.7915625 | Winding down 1360 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:00 | 303.7916667 | Deploying | 2 | 4500 | 2.52 | 2.05 | 2.56 | 8.05 | 2006 | 1468 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 19:00 | 303.7920139 | Deploying | 2 | 4530 | 2.57 | 2.05 | 2.57 | 8.1 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:01 | 303.7923611 | Deploying | 2 | 4560 | 2.56 | 2.05 | 2.59 | 8.08 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 19:01 | 303.7927083 | Deploying | 2 | 4590 | 2.54 | 2.05 | 2.61 | 8.06 | 0 | 0 | 0 | 12 | 10 | 10 | 10 |
| 10/28/2016 19:01 | 303.7928819 | Winding down 1900 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:02 | 303.7930556 | Deploying | 2 | 4620 | 2.59 | 2.12 | 2.63 | 8.08 | 1866 | 1311 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 19:02 | 303.7934028 | Deploying | 2 | 4650 | 2.62 | 2.12 | 2.64 | 8.06 | 0 | 0 | 0 | 11 | 10 | 11 | 10 |
| 10/28/2016 19:03 | 303.7937500 | Deploying | 2 | 4680 | 2.63 | 2.12 | 2.66 | 8.08 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:03 | 303.7940972 | Deploying | 2 | 4710 | 2.62 | 2.12 | 2.68 | 8.08 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 19:03 | 303.7942824 | Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:04 | 303.7944444 | Deploying | 2 | 4740 | 2.65 | 2.19 | 2.69 | 8.05 | 2053 | 1352 | 0 | 12 | 12 | 10 | 12 |
| 10/28/2016 19:04 | 303.7947917 | Deploying | 2 | 4770 | 2.71 | 2.19 | 2.71 | 8.08 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 19:05 | 303.7951389 | Deploying | 2 | 4800 | 2.71 | 2.19 | 2.73 | 8.06 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 19:05 | 303.7954861 | Deploying | 2 | 4830 | 2.72 | 2.19 | 2.74 | 8.1 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 19:06 | 303.7958333 | Deploying | 2 | 4860 | 2.71 | 2.19 | 2.76 | 8.06 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:06 | 303.7961111 | Winding down 1702 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:06 | 303.7961806 | Deploying | 2 | 4890 | 2.72 | 2.25 | 2.78 | 8.08 | 1924 | 1400 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 19:07 | 303.7965278 | Deploying | 2 | 4920 | 2.77 | 2.25 | 2.8 | 8.06 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 19:07 | 303.7968750 | Deploying | 2 | 4950 | 2.78 | 2.25 | 2.81 | 8.08 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 19:08 | 303.7972222 | Deploying | 2 | 4980 | 2.77 | 2.25 | 2.83 | 8.06 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 19:08 | 303.7973380 | Winding down 1579 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:08 | 303.7975694 | Deploying | 2 | 5010 | 2.82 | 2.31 | 2.85 | 8.05 | 2226 | 1576 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:09 | 303.7979167 | Deploying | 2 | 5040 | 2.84 | 2.31 | 2.86 | 8.08 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:09 | 303.7982639 | Deploying | 2 | 5070 | 2.85 | 2.31 | 2.88 | 8.1 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:10 | 303.7986111 | Deploying | 2 | 5100 | 2.84 | 2.31 | 2.9 | 8.08 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 19:10 | 303.7988194 | Winding down 1517 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:10 | 303.7989583 | Deploying | 2 | 5130 | 2.87 | 2.37 | 2.91 | 8.06 | 1968 | 1502 | 0 | 8 | 12 | 10 | 12 |
| 10/28/2016 19:11 | 303.7993056 | Deploying | 2 | 5160 | 2.92 | 2.37 | 2.93 | 8.08 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:11 | 303.7996528 | Deploying | 2 | 5190 | 2.91 | 2.37 | 2.95 | 8.05 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:12 | 303.8000000 | Deploying | 2 | 5220 | 2.91 | 2.37 | 2.97 | 8.06 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 19:12 | 303.8000463 | Winding down 1519 ticks | 3 | | | | | | | | | | | | |

| Date/Time | ID | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 19:12 | 303.8003472 | Deploying | 2 | 5250 | 2.96 | 2.43 | 2.98 | 8.1 | 1967 | 1503 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:13 | 303.8006944 | Deploying | 2 | 5280 | 2.97 | 2.43 | 3 | 8.06 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:13 | 303.8010417 | Deploying | 2 | 5310 | 2.97 | 2.43 | 3.02 | 8.06 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:14 | 303.8013889 | Deploying | 2 | 5340 | 2.97 | 2.43 | 3.03 | 8.08 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 19:14 | 303.8014005 | Winding down 1601 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:14 | 303.8017361 | Deploying | 2 | 5370 | 3.03 | 2.49 | 3.05 | 8.05 | 2211 | 1555 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:15 | 303.8020833 | Deploying | 2 | 5400 | 3.03 | 2.49 | 3.07 | 8.03 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:15 | 303.8024306 | Deploying | 2 | 5430 | 3.03 | 2.49 | 3.08 | 8.06 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 19:15 | 303.8026042 | Winding down 1425 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:16 | 303.8027778 | Deploying | 2 | 5460 | 3.07 | 2.54 | 3.1 | 8.06 | 2039 | 1522 | 0 | 12 | 10 | 10 | 10 |
| 10/28/2016 19:16 | 303.8031250 | Deploying | 2 | 5490 | 3.1 | 2.54 | 3.12 | 8.08 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:17 | 303.8034722 | Deploying | 2 | 5520 | 3.1 | 2.54 | 3.14 | 8.06 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:17 | 303.8038194 | Deploying | 2 | 5550 | 3.1 | 2.54 | 3.15 | 8.08 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 19:17 | 303.8040278 | Winding down 1792 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:18 | 303.8041667 | Deploying | 2 | 5580 | 3.12 | 2.61 | 3.17 | 8.06 | 2046 | 1530 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 19:18 | 303.8045139 | Deploying | 2 | 5610 | 3.17 | 2.61 | 3.19 | 8.06 | 0 | 0 | 0 | 11 | 9 | 10 | 9 |
| 10/28/2016 19:19 | 303.8048611 | Deploying | 2 | 5640 | 3.16 | 2.61 | 3.2 | 8.05 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:19 | 303.8052083 | Deploying | 2 | 5670 | 3.18 | 2.61 | 3.22 | 8.03 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:19 | 303.8054398 | Winding down 1570 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:20 | 303.8055556 | Deploying | 2 | 5700 | 3.19 | 2.67 | 3.24 | 8.06 | 2042 | 1528 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 19:20 | 303.8059028 | Deploying | 2 | 5730 | 3.23 | 2.67 | 3.25 | 8.06 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 19:21 | 303.8062500 | Deploying | 2 | 5760 | 3.24 | 2.67 | 3.27 | 8.08 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:21 | 303.8065972 | Deploying | 2 | 5790 | 3.24 | 2.67 | 3.29 | 8.08 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:22 | 303.8069444 | Deploying | 2 | 5820 | 3.23 | 2.67 | 3.31 | 8.06 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 19:22 | 303.8069444 | Winding down 1837 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:22 | 303.8072917 | Deploying | 2 | 5850 | 3.31 | 2.74 | 3.32 | 8.06 | 1555 | 1237 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:23 | 303.8076389 | Deploying | 2 | 5880 | 3.31 | 2.74 | 3.34 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:23 | 303.8079861 | Deploying | 2 | 5910 | 3.31 | 2.74 | 3.36 | 8.05 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:23 | 303.8081597 | Winding down 1525 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:24 | 303.8083333 | Deploying | 2 | 5940 | 3.34 | 2.8 | 3.37 | 8.06 | 2181 | 1552 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:24 | 303.8086806 | Deploying | 2 | 5970 | 3.38 | 2.8 | 3.39 | 8.06 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 19:25 | 303.8090278 | Deploying | 2 | 6000 | 3.37 | 2.8 | 3.41 | 8.06 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:25 | 303.8093750 | Deploying | 2 | 6030 | 3.37 | 2.8 | 3.42 | 8.08 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 19:25 | 303.8096065 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:26 | 303.8097222 | Deploying | 2 | 6060 | 3.4 | 2.86 | 3.44 | 8.1 | 1978 | 1499 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:26 | 303.8100694 | Deploying | 2 | 6090 | 3.45 | 2.86 | 3.46 | 8.08 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:27 | 303.8104167 | Deploying | 2 | 6120 | 3.45 | 2.86 | 3.48 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:27 | 303.8107639 | Deploying | 2 | 6150 | 3.45 | 2.86 | 3.49 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:27 | 303.8110648 | Winding down 1830 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:28 | 303.8111111 | Deploying | 2 | 6180 | 3.45 | 2.93 | 3.51 | 8.1 | 2013 | 1360 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 19:28 | 303.8114583 | Deploying | 2 | 6210 | 3.52 | 2.93 | 3.53 | 8.06 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 19:29 | 303.8118056 | Deploying | 2 | 6240 | 3.52 | 2.93 | 3.54 | 8.06 | 0 | 0 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 19:29 | 303.8121528 | Deploying | 2 | 6270 | 3.53 | 2.93 | 3.56 | 8.03 | 0 | 0 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 19:30 | 303.8125000 | Deploying | 2 | 6300 | 3.53 | 2.93 | 3.58 | 8.06 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 19:30 | 303.8127662 | Winding down 1763 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:30 | 303.8128472 | Deploying | 2 | 6330 | 3.54 | 2.99 | 3.59 | 8.06 | 2229 | 1560 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 19:31 | 303.8131944 | Deploying | 2 | 6360 | 3.6 | 2.99 | 3.61 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:31 | 303.8135417 | Deploying | 2 | 6390 | 3.61 | 2.99 | 3.63 | 8.06 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:32 | 303.8138889 | Deploying | 2 | 6420 | 3.6 | 2.99 | 3.65 | 8.08 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:32 | 303.8140856 | Winding down 1703 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:32 | 303.8142361 | Deploying | 2 | 6450 | 3.61 | 3.06 | 3.66 | 8.05 | 1959 | 1496 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 19:33 | 303.8145833 | Deploying | 2 | 6480 | 3.67 | 3.06 | 3.68 | 8.05 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 19:33 | 303.8149306 | Deploying | 2 | 6510 | 3.66 | 3.06 | 3.7 | 8.06 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:34 | 303.8152778 | Deploying | 2 | 6540 | 3.67 | 3.06 | 3.71 | 8.05 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 19:34 | 303.8156250 | Deploying | 2 | 6570 | 3.67 | 3.06 | 3.73 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:34 | 303.8156250 | Winding down 1512 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:35 | 303.8159722 | Deploying | 2 | 6600 | 3.72 | 3.12 | 3.75 | 8.06 | 2159 | 1556 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 19:35 | 303.8163194 | Deploying | 2 | 6630 | 3.73 | 3.12 | 3.76 | 8.05 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:36 | 303.8166667 | Deploying | 2 | 6660 | 3.72 | 3.12 | 3.78 | 8.06 | 0 | 0 | 0 | 10 | 8 | 9 | 8 |
| 10/28/2016 19:36 | 303.8167477 | Winding down 1611 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:36 | 303.8170139 | Deploying | 2 | 6690 | 3.77 | 3.18 | 3.8 | 8.06 | 1947 | 1496 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:37 | 303.8173611 | Deploying | 2 | 6720 | 3.79 | 3.18 | 3.82 | 8.06 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 19:37 | 303.8177083 | Deploying | 2 | 6750 | 3.79 | 3.18 | 3.83 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:38 | 303.8180556 | Deploying | 2 | 6780 | 3.8 | 3.18 | 3.85 | 8.05 | 0 | 0 | 0 | 11 | 9 | 9 | 9 |
| 10/28/2016 19:38 | 303.8183333 | Winding down 1877 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:38 | 303.8184028 | Deploying | 2 | 6810 | 3.8 | 3.25 | 3.87 | 8.05 | 1944 | 1522 | 0 | 11 | 11 | 10 | 11 |
| 10/28/2016 19:39 | 303.8187500 | Deploying | 2 | 6840 | 3.87 | 3.25 | 3.88 | 8.06 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 19:39 | 303.8190972 | Deploying | 2 | 6870 | 3.89 | 3.25 | 3.9 | 8.08 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 19:40 | 303.8194444 | Deploying | 2 | 6900 | 3.88 | 3.25 | 3.92 | 8.06 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 19:40 | 303.8197917 | Deploying | 2 | 6930 | 3.88 | 3.25 | 3.93 | 8.06 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 19:40 | 303.8198495 | Winding down 1308 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:41 | 303.8201389 | Deploying | 2 | 6960 | 3.93 | 3.3 | 3.95 | 8.05 | 2030 | 1531 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:41 | 303.8204861 | Deploying | 2 | 6990 | 3.93 | 3.3 | 3.97 | 8.06 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 19:42 | 303.8208333 | Deploying | 2 | 7020 | 3.94 | 3.3 | 3.99 | 8.05 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 19:42 | 303.8211806 | Deploying | 2 | 7050 | 3.94 | 3.3 | 4 | 8.06 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 19:42 | 303.8212037 | Winding down 1440 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:43 | 303.8215278 | Deploying | 2 | 7080 | 4 | 3.35 | 4.02 | 8.08 | 1949 | 1478 | 0 | 7 | 9 | 9 | 9 |
| 10/28/2016 19:43 | 303.8218750 | Deploying | 2 | 7110 | 4.01 | 3.35 | 4.04 | 8.05 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:44 | 303.8222222 | Deploying | 2 | 7140 | 4.01 | 3.35 | 4.05 | 8.1 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 19:44 | 303.8224769 | Winding down 1774 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:44 | 303.8225694 | Deploying | 2 | 7170 | 4.02 | 3.42 | 4.07 | 8.05 | 1774 | 1265 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 19:45 | 303.8229167 | Deploying | 2 | 7200 | 4.08 | 3.42 | 4.09 | 8.05 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 19:45 | 303.8232639 | Deploying | 2 | 7230 | 4.08 | 3.42 | 4.1 | 8.05 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 19:46 | 303.8236111 | Deploying | 2 | 7260 | 4.08 | 3.42 | 4.12 | 8.05 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 19:46 | 303.8239583 | Deploying | 2 | 7290 | 4.09 | 3.42 | 4.14 | 8.05 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 19:46 | 303.8241782 | Winding down 1581 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:47 | 303.8243056 | Deploying | 2 | 7320 | 4.1 | 3.48 | 4.16 | 8.03 | 1988 | 1509 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 19:47 | 303.8246528 | Deploying | 2 | 7350 | 4.15 | 3.48 | 4.17 | 8.06 | 0 | 0 | 0 | 8 | 12 | 9 | 12 |
| 10/28/2016 19:48 | 303.8250000 | Deploying | 2 | 7380 | 4.15 | 3.48 | 4.19 | 8.05 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:48 | 303.8253472 | Deploying | 2 | 7410 | 4.15 | 3.48 | 4.21 | 8.05 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 19:48 | 303.8253935 | Winding down 1494 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:49 | 303.8256944 | Deploying | 2 | 7440 | 4.2 | 3.54 | 4.22 | 8.06 | 1994 | 1512 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 19:49 | 303.8260417 | Deploying | 2 | 7470 | 4.22 | 3.54 | 4.24 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:50 | 303.8263889 | Deploying | 2 | 7500 | 4.21 | 3.54 | 4.26 | 8.05 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:50 | 303.8266551 | Winding down 1463 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:50 | 303.8267361 | Deploying | 2 | 7530 | 4.22 | 3.59 | 4.27 | 8.06 | 1589 | 1283 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 19:51 | 303.8270833 | Deploying | 2 | 7560 | 4.27 | 3.59 | 4.29 | 8.05 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 19:51 | 303.8274306 | Deploying | 2 | 7590 | 4.28 | 3.59 | 4.31 | 8.06 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:52 | 303.8277778 | Deploying | 2 | 7620 | 4.28 | 3.59 | 4.33 | 8.06 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 19:52 | 303.8281019 | Winding down 1509 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:52 | 303.8281250 | Deploying | 2 | 7650 | 4.28 | 3.65 | 4.34 | 7.97 | 1754 | 1376 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:53 | 303.8284722 | Deploying | 2 | 7680 | 4.35 | 3.65 | 4.36 | 8.06 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 19:53 | 303.8288194 | Deploying | 2 | 7710 | 4.35 | 3.65 | 4.38 | 8.05 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 19:54 | 303.8291667 | Deploying | 2 | 7740 | 4.34 | 3.65 | 4.39 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:54 | 303.8293981 | Winding down 1745 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:54 | 303.8295139 | Deploying | 2 | 7770 | 4.36 | 3.72 | 4.41 | 8.06 | 2029 | 1540 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 19:55 | 303.8298611 | Deploying | 2 | 7800 | 4.42 | 3.72 | 4.43 | 8.05 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 19:55 | 303.8302083 | Deploying | 2 | 7830 | 4.42 | 3.72 | 4.44 | 8.05 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |

| 10/28/2016 19:56 | 303.8305556 Deploying | 2 | 7860 | 4.42 | 3.72 | 4.46 | 8.06 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 19:56 | 303.8309028 Deploying | 2 | 7890 | 4.42 | 3.72 | 4.48 | 8.05 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:56 | 303.8309144 Winding down 1476 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:57 | 303.8312500 Deploying | 2 | 7920 | 4.46 | 3.77 | 4.5 | 8.06 | 2031 | 1383 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 19:57 | 303.8315972 Deploying | 2 | 7950 | 4.46 | 3.77 | 4.51 | 8.03 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:57 | 303.8317824 Winding down 1639 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 19:58 | 303.8319444 Deploying | 2 | 7980 | 4.5 | 3.83 | 4.53 | 8.06 | 2108 | 1532 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 19:58 | 303.8322917 Deploying | 2 | 8010 | 4.53 | 3.83 | 4.55 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 19:59 | 303.8326389 Deploying | 2 | 8040 | 4.54 | 3.83 | 4.56 | 8.03 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 19:59 | 303.8329861 Deploying | 2 | 8070 | 4.55 | 3.83 | 4.58 | 8.02 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:00 | 303.8333333 Deploying | 2 | 8100 | 4.54 | 3.83 | 4.6 | 8.06 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:00 | 303.8335185 Winding down 1664 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:00 | 303.8336806 Deploying | 2 | 8130 | 4.57 | 3.9 | 4.61 | 8.08 | 1808 | 1408 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 20:01 | 303.8340278 Deploying | 2 | 8160 | 4.61 | 3.9 | 4.63 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:01 | 303.8343750 Deploying | 2 | 8190 | 4.61 | 3.9 | 4.65 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:02 | 303.8347222 Deploying | 2 | 8220 | 4.61 | 3.9 | 4.67 | 8.05 | 0 | 0 | 0 | 11 | 9 | 10 | 9 |
| 10/28/2016 20:02 | 303.8348611 Winding down 1582 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:02 | 303.8350694 Deploying | 2 | 8250 | 4.65 | 3.96 | 4.68 | 8.05 | 2003 | 1363 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:03 | 303.8354167 Deploying | 2 | 8280 | 4.69 | 3.96 | 4.7 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:03 | 303.8357639 Deploying | 2 | 8310 | 4.68 | 3.96 | 4.72 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:04 | 303.8361111 Deploying | 2 | 8340 | 4.68 | 3.96 | 4.73 | 8.06 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:04 | 303.8362500 Winding down 1482 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:04 | 303.8364583 Deploying | 2 | 8370 | 4.71 | 4.01 | 4.75 | 8.05 | 1978 | 1519 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 20:05 | 303.8368056 Deploying | 2 | 8400 | 4.74 | 4.01 | 4.77 | 8.02 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:05 | 303.8371528 Deploying | 2 | 8430 | 4.74 | 4.01 | 4.78 | 8.06 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:06 | 303.8375000 Deploying | 2 | 8460 | 4.75 | 4.01 | 4.8 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:06 | 303.8377083 Winding down 1542 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:06 | 303.8378472 Deploying | 2 | 8490 | 4.77 | 4.07 | 4.82 | 8.02 | 1755 | 1312 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 20:07 | 303.8381944 Deploying | 2 | 8520 | 4.81 | 4.07 | 4.84 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:07 | 303.8385417 Deploying | 2 | 8550 | 4.81 | 4.07 | 4.85 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:07 | 303.8388426 Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:08 | 303.8388889 Deploying | 2 | 8580 | 4.82 | 4.13 | 4.87 | 8.05 | 2196 | 1556 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:08 | 303.8392361 Deploying | 2 | 8610 | 4.88 | 4.13 | 4.89 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:09 | 303.8395833 Deploying | 2 | 8640 | 4.88 | 4.13 | 4.9 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:09 | 303.8399306 Deploying | 2 | 8670 | 4.87 | 4.13 | 4.92 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:09 | 303.8402199 Winding down 1466 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:10 | 303.8402778 Deploying | 2 | 8700 | 4.89 | 4.19 | 4.94 | 8.05 | 1996 | 1521 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:10 | 303.8406250 Deploying | 2 | 8730 | 4.93 | 4.19 | 4.95 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:11 | 303.8409722 Deploying | 2 | 8760 | 4.93 | 4.19 | 4.97 | 8.05 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:11 | 303.8413194 Deploying | 2 | 8790 | 4.93 | 4.19 | 4.99 | 8.05 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 20:11 | 303.8415278 Winding down 1767 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:12 | 303.8416667 Deploying | 2 | 8820 | 4.96 | 4.25 | 5.01 | 8.05 | 1902 | 1527 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 20:12 | 303.8420139 Deploying | 2 | 8850 | 5 | 4.25 | 5.02 | 8.05 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 20:13 | 303.8423611 Deploying | 2 | 8880 | 5.01 | 4.25 | 5.04 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:13 | 303.8427083 Deploying | 2 | 8910 | 5.01 | 4.25 | 5.06 | 8 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 20:13 | 303.8429745 Winding down 1788 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:14 | 303.8430556 Deploying | 2 | 8940 | 5.02 | 4.32 | 5.07 | 8.03 | 1987 | 1309 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:14 | 303.8434028 Deploying | 2 | 8970 | 5.08 | 4.32 | 5.09 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:15 | 303.8437500 Deploying | 2 | 9000 | 5.08 | 4.32 | 5.11 | 8.02 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 20:15 | 303.8440972 Deploying | 2 | 9030 | 5.08 | 4.32 | 5.12 | 8.02 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 20:16 | 303.8444444 Deploying | 2 | 9060 | 5.09 | 4.32 | 5.14 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:16 | 303.8445486 Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:16 | 303.8447917 Deploying | 2 | 9090 | 5.13 | 4.38 | 5.16 | 8.03 | 2014 | 1346 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 20:17 | 303.8451389 Deploying | 2 | 9120 | 5.15 | 4.38 | 5.18 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 20:17 | 303.8454861 | Deploying | 2 | 9150 | 5.14 | 4.38 | 5.19 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:17 | 303.8457292 | Winding down 1560 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:18 | 303.8458333 | Deploying | 2 | 9180 | 5.16 | 4.44 | 5.21 | 8.05 | 1757 | 1370 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:18 | 303.8461806 | Deploying | 2 | 9210 | 5.21 | 4.44 | 5.23 | 8.05 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 20:19 | 303.8465278 | Deploying | 2 | 9240 | 5.2 | 4.44 | 5.24 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:19 | 303.8468750 | Deploying | 2 | 9270 | 5.21 | 4.44 | 5.26 | 8.03 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 20:19 | 303.8470139 | Winding down 1732 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:20 | 303.8472222 | Deploying | 2 | 9300 | 5.24 | 4.5 | 5.28 | 8.03 | 1629 | 1271 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 20:20 | 303.8475694 | Deploying | 2 | 9330 | 5.29 | 4.5 | 5.29 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:21 | 303.8479167 | Deploying | 2 | 9360 | 5.27 | 4.5 | 5.31 | 8.02 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:21 | 303.8482639 | Deploying | 2 | 9390 | 5.28 | 4.5 | 5.33 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:21 | 303.8483565 | Winding down 1250 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:22 | 303.8486111 | Deploying | 2 | 9420 | 5.32 | 4.55 | 5.35 | 8.05 | 2186 | 1426 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:22 | 303.8489583 | Deploying | 2 | 9450 | 5.33 | 4.55 | 5.36 | 8.06 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:23 | 303.8493056 | Deploying | 2 | 9480 | 5.33 | 4.55 | 5.38 | 8.02 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 20:23 | 303.8496528 | Deploying | 2 | 9510 | 5.32 | 4.55 | 5.4 | 8.05 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 20:23 | 303.8497106 | Winding down 1883 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:24 | 303.8500000 | Deploying | 2 | 9540 | 5.39 | 4.62 | 5.41 | 8 | 1982 | 1530 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 20:24 | 303.8503472 | Deploying | 2 | 9570 | 5.4 | 4.62 | 5.43 | 8.05 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 20:25 | 303.8506944 | Deploying | 2 | 9600 | 5.4 | 4.62 | 5.45 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:25 | 303.8510417 | Deploying | 2 | 9630 | 5.42 | 4.62 | 5.46 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:25 | 303.8512500 | Winding down 1642 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:26 | 303.8513889 | Deploying | 2 | 9660 | 5.42 | 4.69 | 5.48 | 8.03 | 1931 | 1295 | 0 | 8 | 12 | 10 | 12 |
| 10/28/2016 20:26 | 303.8517361 | Deploying | 2 | 9690 | 5.46 | 4.69 | 5.5 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:27 | 303.8520833 | Deploying | 2 | 9720 | 5.47 | 4.69 | 5.52 | 8.02 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:27 | 303.8523264 | Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:27 | 303.8524306 | Deploying | 2 | 9750 | 5.48 | 4.74 | 5.53 | 8.03 | 2061 | 1451 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 20:28 | 303.8527778 | Deploying | 2 | 9780 | 5.52 | 4.74 | 5.55 | 8.05 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 20:28 | 303.8531250 | Deploying | 2 | 9810 | 5.53 | 4.74 | 5.57 | 8.02 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 20:29 | 303.8534722 | Deploying | 2 | 9840 | 5.53 | 4.74 | 5.58 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:29 | 303.8535301 | Winding down 1433 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:29 | 303.8538194 | Deploying | 2 | 9870 | 5.58 | 4.8 | 5.6 | 8.05 | 2078 | 1514 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:30 | 303.8541667 | Deploying | 2 | 9900 | 5.6 | 4.8 | 5.62 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:30 | 303.8545139 | Deploying | 2 | 9930 | 5.59 | 4.8 | 5.63 | 8 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:31 | 303.8548611 | Deploying | 2 | 9960 | 5.59 | 4.8 | 5.65 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:31 | 303.8548611 | Winding down 1462 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:31 | 303.8552083 | Deploying | 2 | 9990 | 5.65 | 4.85 | 5.67 | 8.02 | 2180 | 1553 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:32 | 303.8555556 | Deploying | 2 | 10020 | 5.65 | 4.85 | 5.69 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:32 | 303.8559028 | Deploying | 2 | 10050 | 5.65 | 4.85 | 5.7 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:32 | 303.8561458 | Winding down 1535 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:33 | 303.8562500 | Deploying | 2 | 10080 | 5.67 | 4.91 | 5.72 | 8.02 | 1958 | 1273 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:33 | 303.8565972 | Deploying | 2 | 10110 | 5.7 | 4.91 | 5.74 | 8.02 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:34 | 303.8569444 | Deploying | 2 | 10140 | 5.71 | 4.91 | 5.75 | 8.02 | 0 | 0 | 0 | 8 | 12 | 10 | 12 |
| 10/28/2016 20:34 | 303.8571991 | Winding down 1274 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:34 | 303.8572917 | Deploying | 2 | 10170 | 5.73 | 4.96 | 5.77 | 8.02 | 2096 | 1515 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 20:35 | 303.8576389 | Deploying | 2 | 10200 | 5.75 | 4.96 | 5.79 | 8.03 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:35 | 303.8579861 | Deploying | 2 | 10230 | 5.76 | 4.96 | 5.8 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:36 | 303.8583333 | Deploying | 2 | 10260 | 5.76 | 4.96 | 5.82 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:36 | 303.8584954 | Winding down 1810 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:36 | 303.8586806 | Deploying | 2 | 10290 | 5.79 | 5.03 | 5.84 | 8.06 | 2152 | 1542 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 20:37 | 303.8590278 | Deploying | 2 | 10320 | 5.83 | 5.03 | 5.86 | 8.05 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 20:37 | 303.8593750 | Deploying | 2 | 10350 | 5.83 | 5.03 | 5.87 | 8.02 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 20:38 | 303.8597222 | Deploying | 2 | 10380 | 5.84 | 5.03 | 5.89 | 8.03 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 20:38 | 303.8598843 | Winding down 1735 ticks | 3 | | | | | | | | | | | | |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 20:38 | 303.8600694 | Deploying | 2 | 10410 | 5.87 | 5.1 | 5.91 | 8.03 | 2002 | 1520 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:39 | 303.8604167 | Deploying | 2 | 10440 | 5.91 | 5.1 | 5.92 | 8.02 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 20:39 | 303.8607639 | Deploying | 2 | 10470 | 5.91 | 5.1 | 5.94 | 8.02 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:40 | 303.8611111 | Deploying | 2 | 10500 | 5.9 | 5.1 | 5.96 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:40 | 303.8612153 | Winding down 1390 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:40 | 303.8614583 | Deploying | 2 | 10530 | 5.94 | 5.15 | 5.97 | 8.05 | 2023 | 1517 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:41 | 303.8618056 | Deploying | 2 | 10560 | 5.95 | 5.15 | 5.99 | 8.03 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 20:41 | 303.8621528 | Deploying | 2 | 10590 | 5.96 | 5.15 | 6.01 | 8 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 20:41 | 303.8621644 | Winding down 1451 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:42 | 303.8625000 | Deploying | 2 | 10620 | 6.01 | 5.2 | 6.03 | 8.02 | 1976 | 1274 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:42 | 303.8628472 | Deploying | 2 | 10650 | 6 | 5.2 | 6.04 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:43 | 303.8631944 | Deploying | 2 | 10680 | 6.02 | 5.2 | 6.06 | 8.02 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:43 | 303.8635417 | Deploying | 2 | 10710 | 6.02 | 5.2 | 6.08 | 8 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 20:43 | 303.8636111 | Winding down 1597 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:44 | 303.8638889 | Deploying | 2 | 10740 | 6.06 | 5.27 | 6.09 | 8.03 | 1964 | 1521 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 20:44 | 303.8642361 | Deploying | 2 | 10770 | 6.1 | 5.27 | 6.11 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:45 | 303.8645833 | Deploying | 2 | 10800 | 6.08 | 5.27 | 6.13 | 8.02 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 20:45 | 303.8648843 | Winding down 1705 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:45 | 303.8649306 | Deploying | 2 | 10830 | 6.09 | 5.33 | 6.14 | 8.03 | 2181 | 1556 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 20:46 | 303.8652778 | Deploying | 2 | 10860 | 6.15 | 5.33 | 6.16 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:46 | 303.8656250 | Deploying | 2 | 10890 | 6.15 | 5.33 | 6.18 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:47 | 303.8659722 | Deploying | 2 | 10920 | 6.17 | 5.33 | 6.2 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:47 | 303.8663194 | Deploying | 2 | 10950 | 6.14 | 5.33 | 6.21 | 8.03 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 20:47 | 303.8663657 | Winding down 1769 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:48 | 303.8666667 | Deploying | 2 | 10980 | 6.22 | 5.4 | 6.23 | 8.05 | 1956 | 1516 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:48 | 303.8670139 | Deploying | 2 | 11010 | 6.24 | 5.4 | 6.25 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:49 | 303.8673611 | Deploying | 2 | 11040 | 6.23 | 5.4 | 6.26 | 8.03 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 20:49 | 303.8677083 | Deploying | 2 | 11070 | 6.23 | 5.4 | 6.28 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:49 | 303.8679514 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:50 | 303.8680556 | Deploying | 2 | 11100 | 6.26 | 5.46 | 6.3 | 8.03 | 1971 | 1490 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 20:50 | 303.8684028 | Deploying | 2 | 11130 | 6.3 | 5.46 | 6.31 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:51 | 303.8687500 | Deploying | 2 | 11160 | 6.29 | 5.46 | 6.33 | 8.02 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 20:51 | 303.8690972 | Deploying | 2 | 11190 | 6.29 | 5.46 | 6.35 | 8 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 20:51 | 303.8691088 | Winding down 1651 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:52 | 303.8694444 | Deploying | 2 | 11220 | 6.36 | 5.52 | 6.37 | 8.03 | 2081 | 1512 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 20:52 | 303.8697917 | Deploying | 2 | 11250 | 6.37 | 5.52 | 6.38 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:53 | 303.8701389 | Deploying | 2 | 11280 | 6.37 | 5.52 | 6.4 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:53 | 303.8704861 | Deploying | 2 | 11310 | 6.37 | 5.52 | 6.42 | 8.03 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 20:53 | 303.8707870 | Winding down 1880 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:54 | 303.8708333 | Deploying | 2 | 11340 | 6.37 | 5.59 | 6.43 | 8.03 | 1551 | 1245 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 20:54 | 303.8711806 | Deploying | 2 | 11370 | 6.44 | 5.59 | 6.45 | 8 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:55 | 303.8715278 | Deploying | 2 | 11400 | 6.44 | 5.59 | 6.47 | 8.03 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 20:55 | 303.8718750 | Deploying | 2 | 11430 | 6.46 | 5.59 | 6.48 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:56 | 303.8722222 | Deploying | 2 | 11460 | 6.45 | 5.59 | 6.5 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 20:56 | 303.8723264 | Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:56 | 303.8725694 | Deploying | 2 | 11490 | 6.49 | 5.65 | 6.52 | 8.03 | 1642 | 1364 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 20:57 | 303.8729167 | Deploying | 2 | 11520 | 6.49 | 5.65 | 6.54 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 20:57 | 303.8732639 | Deploying | 2 | 11550 | 6.49 | 5.65 | 6.55 | 7.98 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 20:57 | 303.8733449 | Winding down 1961 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 20:58 | 303.8736111 | Deploying | 2 | 11580 | 6.55 | 5.72 | 6.57 | 8.03 | 1994 | 1520 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 20:58 | 303.8739583 | Deploying | 2 | 11610 | 6.57 | 5.72 | 6.59 | 8.03 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 20:59 | 303.8743056 | Deploying | 2 | 11640 | 6.59 | 5.72 | 6.6 | 8.03 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 20:59 | 303.8746528 | Deploying | 2 | 11670 | 6.57 | 5.72 | 6.62 | 8.05 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 21:00 | 303.8750000 | Deploying | 2 | 11700 | 6.59 | 5.72 | 6.64 | 8.03 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 21:00 | 303.8751042 | Winding down 1490 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:00 | 303.8753472 | Deploying | 2 | 11730 | 6.62 | 5.78 | 6.65 | 8.02 | 2120 | 1539 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 21:01 | 303.8756944 | Deploying | 2 | 11760 | 6.65 | 5.78 | 6.67 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:01 | 303.8760417 | Deploying | 2 | 11790 | 6.64 | 5.78 | 6.69 | 8.05 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 21:01 | 303.8763426 | Winding down 1580 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:02 | 303.8763889 | Deploying | 2 | 11820 | 6.65 | 5.84 | 6.71 | 8.03 | 2091 | 1451 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:02 | 303.8767361 | Deploying | 2 | 11850 | 6.7 | 5.84 | 6.72 | 8.05 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 21:03 | 303.8770833 | Deploying | 2 | 11880 | 6.71 | 5.84 | 6.74 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:03 | 303.8774306 | Deploying | 2 | 11910 | 6.69 | 5.84 | 6.76 | 8.03 | 0 | 0 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 21:03 | 303.8775000 | Winding down 1372 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:04 | 303.8777778 | Deploying | 2 | 11940 | 6.75 | 5.89 | 6.77 | 8.03 | 1587 | 1282 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 21:04 | 303.8781250 | Deploying | 2 | 11970 | 6.76 | 5.89 | 6.79 | 8.02 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:05 | 303.8784722 | Deploying | 2 | 12000 | 6.77 | 5.89 | 6.81 | 8.02 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 21:05 | 303.8788194 | Deploying | 2 | 12030 | 6.78 | 5.89 | 6.82 | 8.03 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 21:05 | 303.8791088 | Winding down 1691 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:06 | 303.8791667 | Deploying | 2 | 12060 | 6.78 | 5.96 | 6.84 | 8.03 | 1971 | 1277 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 21:06 | 303.8795139 | Deploying | 2 | 12090 | 6.84 | 5.96 | 6.86 | 8.05 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 21:07 | 303.8798611 | Deploying | 2 | 12120 | 6.84 | 5.96 | 6.88 | 8.03 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 21:07 | 303.8801736 | Winding down 1820 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:07 | 303.8802083 | Deploying | 2 | 12150 | 6.82 | 6.03 | 6.89 | 8.03 | 1960 | 1487 | 0 | 9 | 9 | 8 | 9 |
| 10/28/2016 21:08 | 303.8805556 | Deploying | 2 | 12180 | 6.91 | 6.03 | 6.91 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:08 | 303.8809028 | Deploying | 2 | 12210 | 6.9 | 6.03 | 6.93 | 8.02 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 21:09 | 303.8812500 | Deploying | 2 | 12240 | 6.91 | 6.03 | 6.94 | 8.03 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 21:09 | 303.8815972 | Deploying | 2 | 12270 | 6.91 | 6.03 | 6.96 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:09 | 303.8818171 | Winding down 1781 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:10 | 303.8819444 | Deploying | 2 | 12300 | 6.93 | 6.09 | 6.98 | 8.02 | 2176 | 1427 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 21:10 | 303.8822917 | Deploying | 2 | 12330 | 6.98 | 6.09 | 6.99 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:11 | 303.8826389 | Deploying | 2 | 12360 | 6.97 | 6.09 | 7.01 | 8.02 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 21:11 | 303.8829514 | Winding down 1470 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:11 | 303.8829861 | Deploying | 2 | 12390 | 6.97 | 6.15 | 7.03 | 8.02 | 1964 | 1507 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 21:12 | 303.8833333 | Deploying | 2 | 12420 | 7.02 | 6.15 | 7.05 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:12 | 303.8836806 | Deploying | 2 | 12450 | 7.03 | 6.15 | 7.06 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:13 | 303.8840278 | Deploying | 2 | 12480 | 7.03 | 6.15 | 7.08 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:13 | 303.8843056 | Winding down 1702 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:13 | 303.8843750 | Deploying | 2 | 12510 | 7.04 | 6.21 | 7.1 | 8.05 | 1876 | 1327 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 21:14 | 303.8847222 | Deploying | 2 | 12540 | 7.1 | 6.21 | 7.11 | 8.03 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 21:14 | 303.8850694 | Deploying | 2 | 12570 | 7.09 | 6.21 | 7.13 | 8.02 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 21:15 | 303.8854167 | Deploying | 2 | 12600 | 7.1 | 6.21 | 7.15 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:15 | 303.8857639 | Deploying | 2 | 12630 | 7.11 | 6.21 | 7.16 | 8.03 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 21:15 | 303.8858449 | Winding down 1611 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:16 | 303.8861111 | Deploying | 2 | 12660 | 7.15 | 6.28 | 7.18 | 8.03 | 2033 | 1522 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 21:16 | 303.8864583 | Deploying | 2 | 12690 | 7.18 | 6.28 | 7.2 | 8.03 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 21:17 | 303.8868056 | Deploying | 2 | 12720 | 7.16 | 6.28 | 7.22 | 8.03 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 21:17 | 303.8869907 | Winding down 1564 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:17 | 303.8871528 | Deploying | 2 | 12750 | 7.19 | 6.34 | 7.23 | 8.05 | 1592 | 1243 | 0 | 12 | 11 | 10 | 11 |
| 10/28/2016 21:18 | 303.8875000 | Deploying | 2 | 12780 | 7.21 | 6.34 | 7.25 | 8.03 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 21:18 | 303.8878472 | Deploying | 2 | 12810 | 7.23 | 6.34 | 7.27 | 8.03 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 21:19 | 303.8881944 | Deploying | 2 | 12840 | 7.22 | 6.34 | 7.28 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:19 | 303.8883102 | Winding down 1779 ticks | 3 | | | | | | | | | | |
| 10/28/2016 21:19 | 303.8885417 | Deploying | 2 | 12870 | 7.28 | 6.4 | 7.3 | 8.02 | 1829 | 1416 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:20 | 303.8888889 | Deploying | 2 | 12900 | 7.3 | 6.4 | 7.32 | 8.02 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 21:20 | 303.8892361 | Deploying | 2 | 12930 | 7.3 | 6.4 | 7.33 | 8.05 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:21 | 303.8895833 | Deploying | 2 | 12960 | 7.31 | 6.4 | 7.35 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:21 | 303.8898843 | Winding down 1380 ticks | 3 | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 21:21 | 303.8899306 | Deploying | 2 | 12990 | 7.32 | 6.46 | 7.37 | 8.03 | 1803 | 1300 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:22 | 303.8902778 | Deploying | 2 | 13020 | 7.35 | 6.46 | 7.39 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:22 | 303.8906250 | Deploying | 2 | 13050 | 7.34 | 6.46 | 7.4 | 8.03 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 21:22 | 303.8907755 | Winding down 1621 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:23 | 303.8909722 | Deploying | 2 | 13080 | 7.39 | 6.52 | 7.42 | 8.05 | 1805 | 1367 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:23 | 303.8913194 | Deploying | 2 | 13110 | 7.41 | 6.52 | 7.44 | 8.03 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:24 | 303.8916667 | Deploying | 2 | 13140 | 7.43 | 6.52 | 7.45 | 8.03 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 21:24 | 303.8920139 | Deploying | 2 | 13170 | 7.41 | 6.52 | 7.47 | 8.03 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 21:24 | 303.8922569 | Winding down 1685 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:25 | 303.8923611 | Deploying | 2 | 13200 | 7.44 | 6.58 | 7.49 | 8.03 | 1932 | 1388 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 21:25 | 303.8927083 | Deploying | 2 | 13230 | 7.49 | 6.58 | 7.5 | 8.02 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:26 | 303.8930556 | Deploying | 2 | 13260 | 7.49 | 6.58 | 7.52 | 8.03 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 21:26 | 303.8934028 | Deploying | 2 | 13290 | 7.49 | 6.58 | 7.54 | 8.03 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 21:27 | 303.8937500 | Deploying | 2 | 13320 | 7.5 | 6.58 | 7.56 | 8.02 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 21:27 | 303.8938310 | Winding down 1561 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:27 | 303.8940972 | Deploying | 2 | 13350 | 7.53 | 6.64 | 7.57 | 8 | 2030 | 1344 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 21:28 | 303.8944444 | Deploying | 2 | 13380 | 7.54 | 6.64 | 7.59 | 8.05 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 21:28 | 303.8944676 | Winding down 1415 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:28 | 303.8947917 | Deploying | 2 | 13410 | 7.61 | 6.7 | 7.61 | 8 | 1703 | 1279 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 21:29 | 303.8951389 | Deploying | 2 | 13440 | 7.62 | 6.7 | 7.62 | 8 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 21:29 | 303.8954861 | Deploying | 2 | 13470 | 7.62 | 6.7 | 7.64 | 7.98 | 0 | 0 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 21:30 | 303.8958333 | Deploying | 2 | 13500 | 7.61 | 6.7 | 7.66 | 8 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:30 | 303.8961343 | Winding down 1480 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:30 | 303.8961806 | Deploying | 2 | 13530 | 7.62 | 6.75 | 7.67 | 8.02 | 2005 | 1399 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:31 | 303.8965278 | Deploying | 2 | 13560 | 7.67 | 6.75 | 7.69 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:31 | 303.8968750 | Deploying | 2 | 13590 | 7.67 | 6.75 | 7.71 | 8.03 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:32 | 303.8972222 | Deploying | 2 | 13620 | 7.67 | 6.75 | 7.73 | 8.03 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 21:32 | 303.8973843 | Winding down 1660 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:32 | 303.8975694 | Deploying | 2 | 13650 | 7.7 | 6.82 | 7.74 | 8.02 | 1908 | 1494 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:33 | 303.8979167 | Deploying | 2 | 13680 | 7.73 | 6.82 | 7.76 | 8 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:33 | 303.8982639 | Deploying | 2 | 13710 | 7.75 | 6.82 | 7.78 | 7.98 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:34 | 303.8986111 | Deploying | 2 | 13740 | 7.74 | 6.82 | 7.79 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:34 | 303.8986458 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:34 | 303.8989583 | Deploying | 2 | 13770 | 7.8 | 6.88 | 7.81 | 8.03 | 1705 | 1352 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:35 | 303.8993056 | Deploying | 2 | 13800 | 7.8 | 6.88 | 7.83 | 8.03 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 21:35 | 303.8996528 | Deploying | 2 | 13830 | 7.78 | 6.88 | 7.84 | 8.03 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:35 | 303.8997569 | Winding down 1315 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:36 | 303.9000000 | Deploying | 2 | 13860 | 7.85 | 6.93 | 7.86 | 8.03 | 2052 | 1539 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:36 | 303.9003472 | Deploying | 2 | 13890 | 7.85 | 6.93 | 7.88 | 8.05 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 21:37 | 303.9006944 | Deploying | 2 | 13920 | 7.85 | 6.93 | 7.9 | 8.02 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:37 | 303.9010417 | Deploying | 2 | 13950 | 7.86 | 6.93 | 7.91 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:37 | 303.9012731 | Winding down 1745 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:38 | 303.9013889 | Deploying | 2 | 13980 | 7.88 | 6.99 | 7.93 | 8.02 | 2190 | 1575 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 21:38 | 303.9017361 | Deploying | 2 | 14010 | 7.93 | 6.99 | 7.95 | 8.02 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 21:39 | 303.9020833 | Deploying | 2 | 14040 | 7.92 | 6.99 | 7.96 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:39 | 303.9024074 | Winding down 1534 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:39 | 303.9024306 | Deploying | 2 | 14070 | 7.92 | 7.05 | 7.98 | 7.97 | 2148 | 1559 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:40 | 303.9027778 | Deploying | 2 | 14100 | 7.99 | 7.05 | 8 | 8.02 | 0 | 0 | 0 | 12 | 11 | 10 | 11 |
| 10/28/2016 21:40 | 303.9031250 | Deploying | 2 | 14130 | 7.99 | 7.05 | 8.01 | 8 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:41 | 303.9034722 | Deploying | 2 | 14160 | 7.99 | 7.05 | 8.03 | 8.03 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 21:41 | 303.9038194 | Deploying | 2 | 14190 | 7.99 | 7.05 | 8.05 | 8 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 21:41 | 303.9040394 | Winding down 1706 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:42 | 303.9041667 | Deploying | 2 | 14220 | 8.02 | 7.12 | 8.07 | 8.02 | 2024 | 1368 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 21:42 | 303.9045139 | Deploying | 2 | 14250 | 8.05 | 7.12 | 8.08 | 8.02 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 21:43 | 303.9048611 | Deploying | 2 | 14280 | 8.07 | 7.12 | 8.1 | 7.98 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 21:43 | 303.9052083 | Deploying | 2 | 14310 | 8.05 | 7.12 | 8.12 | 8 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 21:43 | 303.9052546 | Winding down 1644 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:44 | 303.9055556 | Deploying | 2 | 14340 | 8.11 | 7.18 | 8.13 | 8 | 2128 | 1552 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 21:44 | 303.9059028 | Deploying | 2 | 14370 | 8.13 | 7.18 | 8.15 | 8.02 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 21:45 | 303.9062500 | Deploying | 2 | 14400 | 8.1 | 7.18 | 8.17 | 7.97 | 0 | 0 | 0 | 9 | 8 | 10 | 8 |
| 10/28/2016 21:45 | 303.9064236 | Winding down 1775 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:45 | 303.9065972 | Deploying | 2 | 14430 | 8.15 | 7.25 | 8.18 | 8.05 | 1726 | 1369 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 21:46 | 303.9069444 | Deploying | 2 | 14460 | 8.19 | 7.25 | 8.2 | 8 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 21:46 | 303.9072917 | Deploying | 2 | 14490 | 8.19 | 7.25 | 8.22 | 8.02 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 21:47 | 303.9076389 | Deploying | 2 | 14520 | 8.19 | 7.25 | 8.24 | 8 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:47 | 303.9079861 | Deploying | 2 | 14550 | 8.17 | 7.25 | 8.25 | 8.02 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 21:47 | 303.9080093 | Winding down 2015 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:48 | 303.9083333 | Deploying | 2 | 14580 | 8.27 | 7.32 | 8.27 | 7.98 | 1987 | 1508 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:48 | 303.9086806 | Deploying | 2 | 14610 | 8.26 | 7.32 | 8.29 | 8 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 21:49 | 303.9090278 | Deploying | 2 | 14640 | 8.26 | 7.32 | 8.3 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:49 | 303.9093750 | Deploying | 2 | 14670 | 8.28 | 7.32 | 8.32 | 7.97 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:49 | 303.9095602 | Winding down 1314 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:50 | 303.9097222 | Deploying | 2 | 14700 | 8.29 | 7.38 | 8.34 | 8.03 | 1834 | 1336 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 21:50 | 303.9100694 | Deploying | 2 | 14730 | 8.32 | 7.38 | 8.35 | 8 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 21:50 | 303.9103472 | Winding down 1527 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:51 | 303.9104167 | Deploying | 2 | 14760 | 8.33 | 7.43 | 8.37 | 8.02 | 2032 | 1336 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 21:51 | 303.9107639 | Deploying | 2 | 14790 | 8.37 | 7.43 | 8.39 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:52 | 303.9111111 | Deploying | 2 | 14820 | 8.38 | 7.43 | 8.41 | 8 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 21:52 | 303.9114583 | Deploying | 2 | 14850 | 8.39 | 7.43 | 8.42 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:53 | 303.9118056 | Deploying | 2 | 14880 | 8.39 | 7.43 | 8.44 | 8.02 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:53 | 303.9120370 | Winding down 1945 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:53 | 303.9121528 | Deploying | 2 | 14910 | 8.4 | 7.51 | 8.46 | 8 | 1747 | 1387 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 21:54 | 303.9125000 | Deploying | 2 | 14940 | 8.45 | 7.51 | 8.47 | 8 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 21:54 | 303.9128472 | Deploying | 2 | 14970 | 8.45 | 7.51 | 8.49 | 8 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:55 | 303.9131944 | Deploying | 2 | 15000 | 8.46 | 7.51 | 8.51 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 21:55 | 303.9134491 | Winding down 1699 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:55 | 303.9135417 | Deploying | 2 | 15030 | 8.47 | 7.57 | 8.52 | 8 | 1508 | 1212 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 21:56 | 303.9138889 | Deploying | 2 | 15060 | 8.52 | 7.57 | 8.54 | 8.02 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:56 | 303.9142361 | Deploying | 2 | 15090 | 8.54 | 7.57 | 8.56 | 8.02 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 21:57 | 303.9145833 | Deploying | 2 | 15120 | 8.52 | 7.57 | 8.58 | 8 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 21:57 | 303.9147685 | Winding down 1614 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:57 | 303.9149306 | Deploying | 2 | 15150 | 8.56 | 7.64 | 8.59 | 8 | 2123 | 1534 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 21:58 | 303.9152778 | Deploying | 2 | 15180 | 8.59 | 7.64 | 8.61 | 8 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 21:58 | 303.9156250 | Deploying | 2 | 15210 | 8.61 | 7.64 | 8.63 | 8 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 21:59 | 303.9159722 | Deploying | 2 | 15240 | 8.6 | 7.64 | 8.64 | 8 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 21:59 | 303.9163079 | Winding down 1623 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 21:59 | 303.9163194 | Deploying | 2 | 15270 | 8.6 | 7.7 | 8.66 | 8.02 | 2057 | 1315 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:00 | 303.9166667 | Deploying | 2 | 15300 | 8.66 | 7.7 | 8.68 | 8 | 2057 | 37 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 22:00 | 303.9170139 | Deploying | 2 | 15330 | 8.67 | 7.7 | 8.69 | 8 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 22:01 | 303.9173611 | Deploying | 2 | 15360 | 8.68 | 7.7 | 8.71 | 8.03 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:01 | 303.9177083 | Deploying | 2 | 15390 | 8.67 | 7.7 | 8.73 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:01 | 303.9178241 | Winding down 1454 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:02 | 303.9180556 | Deploying | 2 | 15420 | 8.72 | 7.75 | 8.75 | 8 | 1681 | 1328 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:02 | 303.9184028 | Deploying | 2 | 15450 | 8.73 | 7.75 | 8.76 | 8.02 | 0 | 0 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 22:03 | 303.9187500 | Deploying | 2 | 15480 | 8.73 | 7.75 | 8.78 | 7.98 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 22:03 | 303.9190625 | Winding down 1595 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:03 | 303.9190972 | Deploying | 2 | 15510 | 8.74 | 7.81 | 8.8 | 8 | 1900 | 1428 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 22:04 | 303.9194444 | Deploying | 2 | 15540 | 8.79 | 7.81 | 8.81 | 7.98 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:04 | 303.9197917 | Deploying | 2 | 15570 | 8.81 | 7.81 | 8.83 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:05 | 303.9201389 | Deploying | 2 | 15600 | 8.8 | 7.81 | 8.85 | 8.02 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 22:05 | 303.9204282 | Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:05 | 303.9204861 | Deploying | 2 | 15630 | 8.81 | 7.88 | 8.86 | 7.97 | 1598 | 1300 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 22:06 | 303.9208333 | Deploying | 2 | 15660 | 8.84 | 7.88 | 8.88 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:06 | 303.9211806 | Deploying | 2 | 15690 | 8.86 | 7.88 | 8.9 | 8 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 22:07 | 303.9215278 | Deploying | 2 | 15720 | 8.87 | 7.88 | 8.92 | 8 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:07 | 303.9217361 | Winding down 1917 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:07 | 303.9218750 | Deploying | 2 | 15750 | 8.88 | 7.95 | 8.93 | 8.02 | 1857 | 1401 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 22:08 | 303.9222222 | Deploying | 2 | 15780 | 8.92 | 7.95 | 8.95 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:08 | 303.9225694 | Deploying | 2 | 15810 | 8.93 | 7.95 | 8.97 | 8 | 0 | 0 | 0 | 9 | 8 | 9 | 8 |
| 10/28/2016 22:09 | 303.9229167 | Deploying | 2 | 15840 | 8.93 | 7.95 | 8.98 | 7.98 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 22:09 | 303.9229630 | Winding down 1569 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:09 | 303.9232639 | Deploying | 2 | 15870 | 8.99 | 8.01 | 9 | 8 | 2050 | 1511 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 22:10 | 303.9236111 | Deploying | 2 | 15900 | 8.99 | 8.01 | 9.02 | 8.02 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 22:10 | 303.9239583 | Deploying | 2 | 15930 | 9 | 8.01 | 9.03 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:11 | 303.9243056 | Deploying | 2 | 15960 | 9 | 8.01 | 9.05 | 7.98 | 0 | 0 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 22:11 | 303.9245023 | Winding down 1878 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:11 | 303.9246528 | Deploying | 2 | 15990 | 9.03 | 8.08 | 9.07 | 8 | 1912 | 1413 | 0 | 10 | 12 | 11 | 12 |
| 10/28/2016 22:12 | 303.9250000 | Deploying | 2 | 16020 | 9.08 | 8.08 | 9.09 | 7.98 | 0 | 0 | 0 | 9 | 11 | 9 | 11 |
| 10/28/2016 22:12 | 303.9253472 | Deploying | 2 | 16050 | 9.07 | 8.08 | 9.1 | 7.98 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 22:13 | 303.9256944 | Deploying | 2 | 16080 | 9.08 | 8.08 | 9.12 | 8 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 22:13 | 303.9259606 | Winding down 1288 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:13 | 303.9260417 | Deploying | 2 | 16110 | 9.09 | 8.13 | 9.14 | 7.98 | 1760 | 1412 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:14 | 303.9263889 | Deploying | 2 | 16140 | 9.12 | 8.13 | 9.15 | 8 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 22:14 | 303.9267361 | Deploying | 2 | 16170 | 9.13 | 8.13 | 9.17 | 8 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:15 | 303.9270833 | Deploying | 2 | 16200 | 9.13 | 8.13 | 9.19 | 7.98 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 22:15 | 303.9271181 | Winding down 1505 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:15 | 303.9274306 | Deploying | 2 | 16230 | 9.19 | 8.19 | 9.2 | 8.02 | 1988 | 1408 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:16 | 303.9277778 | Deploying | 2 | 16260 | 9.18 | 8.19 | 9.22 | 7.98 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 22:16 | 303.9281250 | Deploying | 2 | 16290 | 9.18 | 8.19 | 9.24 | 7.97 | 0 | 0 | 0 | 8 | 13 | 10 | 13 |
| 10/28/2016 22:16 | 303.9283218 | Winding down 1903 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:17 | 303.9284722 | Deploying | 2 | 16320 | 9.21 | 8.26 | 9.26 | 8.02 | 2170 | 1536 | 0 | 9 | 13 | 10 | 13 |
| 10/28/2016 22:17 | 303.9288194 | Deploying | 2 | 16350 | 9.25 | 8.26 | 9.27 | 7.98 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:18 | 303.9291667 | Deploying | 2 | 16380 | 9.27 | 8.26 | 9.29 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:18 | 303.9295139 | Deploying | 2 | 16410 | 9.26 | 8.26 | 9.31 | 7.98 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:19 | 303.9298611 | Deploying | 2 | 16440 | 9.27 | 8.26 | 9.32 | 7.98 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 22:19 | 303.9299074 | Winding down 1319 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:19 | 303.9302083 | Deploying | 2 | 16470 | 9.3 | 8.31 | 9.34 | 7.98 | 1975 | 1513 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 22:20 | 303.9305556 | Deploying | 2 | 16500 | 9.34 | 8.31 | 9.36 | 7.97 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:20 | 303.9309028 | Deploying | 2 | 16530 | 9.33 | 8.31 | 9.37 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:21 | 303.9312500 | Deploying | 2 | 16560 | 9.33 | 8.31 | 9.39 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:21 | 303.9312616 | Winding down 1476 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:21 | 303.9315972 | Deploying | 2 | 16590 | 9.39 | 8.37 | 9.41 | 8.02 | 1692 | 1377 | 0 | 11 | 10 | 9 | 10 |
| 10/28/2016 22:22 | 303.9319444 | Deploying | 2 | 16620 | 9.37 | 8.37 | 9.43 | 7.98 | 0 | 0 | 0 | 10 | 12 | 10 | 12 |
| 10/28/2016 22:22 | 303.9321875 | Winding down 1360 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:22 | 303.9322917 | Deploying | 2 | 16650 | 9.39 | 8.42 | 9.44 | 8 | 2015 | 1338 | 0 | 7 | 10 | 9 | 10 |
| 10/28/2016 22:23 | 303.9326389 | Deploying | 2 | 16680 | 9.44 | 8.42 | 9.46 | 7.98 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 22:23 | 303.9329861 | Deploying | 2 | 16710 | 9.42 | 8.42 | 9.48 | 8.02 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 22:23 | 303.9332292 | Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:24 | 303.9333333 | Deploying | 2 | 16740 | 9.45 | 8.49 | 9.49 | 7.98 | 1907 | 1380 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 22:24 | 303.9336806 | Deploying | 2 | 16770 | 9.5 | 8.49 | 9.51 | 8 | 0 | 0 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 22:25 | 303.9340278 | Deploying | 2 | 16800 | 9.49 | 8.49 | 9.53 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:25 | 303.9343750 | Deploying | 2 | 16830 | 9.5 | 8.49 | 9.54 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |

| Date/Time | Value | Status | | Tick | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:26 | 303.9347222 | Deploying | 2 | 16860 | 9.51 | 8.49 | 9.56 | 7.97 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 22:26 | 303.9347454 | Winding down 1465 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:26 | 303.9350694 | Deploying | 2 | 16890 | 9.56 | 8.54 | 9.58 | 7.97 | 2195 | 1570 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 22:27 | 303.9354167 | Deploying | 2 | 16920 | 9.56 | 8.54 | 9.6 | 8 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 22:27 | 303.9357639 | Deploying | 2 | 16950 | 9.58 | 8.54 | 9.61 | 7.98 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 22:28 | 303.9361111 | Deploying | 2 | 16980 | 9.56 | 8.54 | 9.63 | 7.97 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 22:28 | 303.9362153 | Winding down 1665 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:28 | 303.9364583 | Deploying | 2 | 17010 | 9.61 | 8.61 | 9.65 | 7.97 | 1623 | 1262 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:29 | 303.9368056 | Deploying | 2 | 17040 | 9.64 | 8.61 | 9.66 | 8 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 22:29 | 303.9371528 | Deploying | 2 | 17070 | 9.65 | 8.61 | 9.68 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:29 | 303.9374421 | Winding down 1491 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:30 | 303.9375000 | Deploying | 2 | 17100 | 9.64 | 8.67 | 9.7 | 7.98 | 1958 | 1532 | 0 | 12 | 11 | 10 | 11 |
| 10/28/2016 22:30 | 303.9378472 | Deploying | 2 | 17130 | 9.69 | 8.67 | 9.71 | 7.97 | 0 | 0 | 0 | 10 | 8 | 9 | 8 |
| 10/28/2016 22:31 | 303.9381944 | Deploying | 2 | 17160 | 9.7 | 8.67 | 9.73 | 8 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 22:31 | 303.9385417 | Deploying | 2 | 17190 | 9.69 | 8.67 | 9.75 | 7.98 | 0 | 0 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 22:31 | 303.9387616 | Winding down 1331 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:32 | 303.9388889 | Deploying | 2 | 17220 | 9.73 | 8.72 | 9.77 | 7.97 | 2032 | 1330 | 0 | 10 | 11 | 11 | 11 |
| 10/28/2016 22:32 | 303.9392361 | Deploying | 2 | 17250 | 9.76 | 8.72 | 9.78 | 8 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 22:33 | 303.9395833 | Deploying | 2 | 17280 | 9.76 | 8.72 | 9.8 | 8 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 22:33 | 303.9399306 | Deploying | 2 | 17310 | 9.78 | 8.72 | 9.82 | 7.97 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 22:34 | 303.9402778 | Deploying | 2 | 17340 | 9.77 | 8.72 | 9.83 | 7.95 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 22:34 | 303.9403472 | Winding down 1422 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:34 | 303.9406250 | Deploying | 2 | 17370 | 9.83 | 8.77 | 9.85 | 8 | 1917 | 1313 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 22:35 | 303.9409722 | Deploying | 2 | 17400 | 9.86 | 8.77 | 9.87 | 8 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:35 | 303.9413194 | Deploying | 2 | 17430 | 9.83 | 8.77 | 9.88 | 7.97 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 22:35 | 303.9416319 | Winding down 1895 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:36 | 303.9416667 | Deploying | 2 | 17460 | 9.83 | 8.84 | 9.9 | 7.98 | 2059 | 1342 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 22:36 | 303.9420139 | Deploying | 2 | 17490 | 9.91 | 8.84 | 9.92 | 7.98 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 22:37 | 303.9423611 | Deploying | 2 | 17520 | 9.91 | 8.84 | 9.94 | 7.98 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 22:37 | 303.9427083 | Deploying | 2 | 17550 | 9.92 | 8.84 | 9.95 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:38 | 303.9430556 | Deploying | 2 | 17580 | 9.91 | 8.84 | 9.97 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:38 | 303.9431481 | Winding down 1725 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:38 | 303.9434028 | Deploying | 2 | 17610 | 9.97 | 8.91 | 9.99 | 8 | 1970 | 1529 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:39 | 303.9437500 | Deploying | 2 | 17640 | 9.98 | 8.91 | 10 | 7.98 | 0 | 0 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 22:39 | 303.9440972 | Deploying | 2 | 17670 | 9.97 | 8.91 | 10.02 | 7.95 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 22:39 | 303.9442940 | Winding down 1678 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:40 | 303.9444444 | Deploying | 2 | 17700 | 9.98 | 8.98 | 10.04 | 7.98 | 1811 | 1272 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 22:40 | 303.9447917 | Deploying | 2 | 17730 | 10.06 | 8.98 | 10.05 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:41 | 303.9451389 | Deploying | 2 | 17760 | 10.07 | 8.98 | 10.07 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:41 | 303.9454861 | Deploying | 2 | 17790 | 10.05 | 8.98 | 10.09 | 7.98 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 22:41 | 303.9456944 | Winding down 1467 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:42 | 303.9458333 | Deploying | 2 | 17820 | 10.07 | 9.03 | 10.11 | 7.98 | 2165 | 1540 | 0 | 12 | 11 | 10 | 11 |
| 10/28/2016 22:42 | 303.9461806 | Deploying | 2 | 17850 | 10.11 | 9.03 | 10.12 | 8 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 22:43 | 303.9465278 | Deploying | 2 | 17880 | 10.11 | 9.03 | 10.14 | 7.97 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 22:43 | 303.9468750 | Deploying | 2 | 17910 | 10.11 | 9.03 | 10.16 | 7.97 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 22:44 | 303.9472222 | Deploying | 2 | 17940 | 10.13 | 9.03 | 10.17 | 7.95 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:44 | 303.9474769 | Winding down 1399 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:44 | 303.9475694 | Deploying | 2 | 17970 | 10.15 | 9.09 | 10.19 | 7.98 | 2219 | 1587 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 22:45 | 303.9479167 | Deploying | 2 | 18000 | 10.17 | 9.09 | 10.21 | 7.98 | 0 | 0 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 22:45 | 303.9482639 | Deploying | 2 | 18030 | 10.19 | 9.09 | 10.22 | 8 | 0 | 0 | 0 | 8 | 8 | 10 | 8 |
| 10/28/2016 22:46 | 303.9486111 | Deploying | 2 | 18060 | 10.17 | 9.09 | 10.24 | 7.98 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 22:46 | 303.9486921 | Winding down 1761 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:46 | 303.9489583 | Deploying | 2 | 18090 | 10.24 | 9.15 | 10.26 | 7.98 | 1968 | 1284 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 22:47 | 303.9493056 | Deploying | 2 | 18120 | 10.26 | 9.15 | 10.28 | 7.97 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |

| Date | Time | Value | Status | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 22:47 | 303.9496528 | Deploying | 2 | 18150 | 10.24 | 9.15 | 10.29 | 7.98 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 22:47 | 303.9499306 | Winding down 1452 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:48 | 303.9500000 | Deploying | 2 | 18180 | 10.26 | 9.21 | 10.31 | 8 | 2168 | 1544 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 22:48 | 303.9503472 | Deploying | 2 | 18210 | 10.3 | 9.21 | 10.33 | 7.98 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 22:49 | 303.9506944 | Deploying | 2 | 18240 | 10.32 | 9.21 | 10.34 | 7.98 | 0 | 0 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 22:49 | 303.9510417 | Deploying | 2 | 18270 | 10.3 | 9.21 | 10.36 | 8.02 | 0 | 0 | 0 | 9 | 8 | 10 | 8 |
| 10/28/2016 22:49 | 303.9512616 | Winding down 2056 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:50 | 303.9513889 | Deploying | 2 | 18300 | 10.33 | 9.29 | 10.38 | 8 | 1886 | 1292 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 22:50 | 303.9517361 | Deploying | 2 | 18330 | 10.4 | 9.29 | 10.39 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:51 | 303.9520833 | Deploying | 2 | 18360 | 10.38 | 9.29 | 10.41 | 7.97 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 22:51 | 303.9524306 | Deploying | 2 | 18390 | 10.38 | 9.29 | 10.43 | 7.98 | 0 | 0 | 0 | 9 | 8 | 10 | 8 |
| 10/28/2016 22:51 | 303.9526736 | Winding down 1760 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:52 | 303.9527778 | Deploying | 2 | 18420 | 10.37 | 9.36 | 10.45 | 7.97 | 1819 | 1415 | 0 | 8 | 7 | 10 | 7 |
| 10/28/2016 22:52 | 303.9531250 | Deploying | 2 | 18450 | 10.42 | 9.36 | 10.46 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 22:52 | 303.9533218 | Winding down 1253 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:53 | 303.9534722 | Deploying | 2 | 18480 | 10.46 | 9.4 | 10.48 | 8 | 1919 | 1307 | 0 | 10 | 14 | 11 | 14 |
| 10/28/2016 22:53 | 303.9538194 | Deploying | 2 | 18510 | 10.5 | 9.4 | 10.5 | 7.98 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 22:54 | 303.9541667 | Deploying | 2 | 18540 | 10.47 | 9.4 | 10.51 | 8 | 0 | 0 | 0 | 11 | 10 | 11 | 10 |
| 10/28/2016 22:54 | 303.9545139 | Deploying | 2 | 18570 | 10.5 | 9.4 | 10.53 | 7.98 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 22:55 | 303.9548611 | Deploying | 2 | 18600 | 10.49 | 9.4 | 10.55 | 7.98 | 0 | 0 | 0 | 7 | 9 | 9 | 9 |
| 10/28/2016 22:55 | 303.9549769 | Winding down 1404 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:55 | 303.9552083 | Deploying | 2 | 18630 | 10.52 | 9.46 | 10.56 | 7.98 | 2085 | 1517 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 22:56 | 303.9555556 | Deploying | 2 | 18660 | 10.54 | 9.46 | 10.58 | 7.98 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 22:56 | 303.9559028 | Deploying | 2 | 18690 | 10.54 | 9.46 | 10.6 | 7.98 | 0 | 0 | 0 | 8 | 12 | 10 | 12 |
| 10/28/2016 22:56 | 303.9559259 | Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:57 | 303.9562500 | Deploying | 2 | 18720 | 10.62 | 9.52 | 10.62 | 7.98 | 1728 | 1392 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 22:57 | 303.9565972 | Deploying | 2 | 18750 | 10.62 | 9.52 | 10.63 | 7.98 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 22:58 | 303.9569444 | Deploying | 2 | 18780 | 10.62 | 9.52 | 10.65 | 7.98 | 0 | 0 | 0 | 8 | 10 | 10 | 10 |
| 10/28/2016 22:58 | 303.9572917 | Deploying | 2 | 18810 | 10.64 | 9.52 | 10.67 | 7.98 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 22:59 | 303.9576389 | Deploying | 2 | 18840 | 10.62 | 9.52 | 10.68 | 8 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 22:59 | 303.9578704 | Winding down 2695 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 22:59 | 303.9579861 | Deploying | 2 | 18870 | 10.64 | 9.62 | 10.7 | 7.98 | 1861 | 1370 | 0 | 10 | 11 | 11 | 11 |
| 10/28/2016 23:00 | 303.9583333 | Deploying | 2 | 18900 | 10.69 | 9.62 | 10.72 | 7.98 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 23:00 | 303.9586806 | Deploying | 2 | 18930 | 10.68 | 9.62 | 10.73 | 7.98 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:00 | 303.9589583 | Winding down 1252 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:01 | 303.9590278 | Deploying | 2 | 18960 | 10.72 | 9.67 | 10.75 | 7.98 | 2039 | 1534 | 0 | 9 | 9 | 10 | 9 |
| 10/28/2016 23:01 | 303.9593750 | Deploying | 2 | 18990 | 10.77 | 9.67 | 10.77 | 7.98 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 23:02 | 303.9597222 | Deploying | 2 | 19020 | 10.79 | 9.67 | 10.79 | 7.98 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 23:02 | 303.9600694 | Deploying | 2 | 19050 | 10.78 | 9.67 | 10.8 | 8 | 0 | 0 | 0 | 8 | 12 | 10 | 12 |
| 10/28/2016 23:03 | 303.9604167 | Deploying | 2 | 19080 | 10.78 | 9.67 | 10.82 | 7.98 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 23:03 | 303.9607639 | Deploying | 2 | 19110 | 10.75 | 9.67 | 10.84 | 7.98 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 23:03 | 303.9607986 | Winding down 2480 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:04 | 303.9611111 | Deploying | 2 | 19140 | 10.87 | 9.76 | 10.85 | 7.97 | 2020 | 1371 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:04 | 303.9614583 | Deploying | 2 | 19170 | 10.89 | 9.76 | 10.87 | 7.98 | 0 | 0 | 0 | 10 | 11 | 10 | 11 |
| 10/28/2016 23:05 | 303.9618056 | Deploying | 2 | 19200 | 10.87 | 9.76 | 10.89 | 7.98 | 0 | 0 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 23:05 | 303.9621528 | Deploying | 2 | 19230 | 10.89 | 9.76 | 10.9 | 8 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 23:06 | 303.9625000 | Deploying | 2 | 19260 | 10.88 | 9.76 | 10.92 | 7.98 | 0 | 0 | 0 | 7 | 11 | 9 | 11 |
| 10/28/2016 23:06 | 303.9628472 | Deploying | 2 | 19290 | 10.9 | 9.76 | 10.94 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 23:07 | 303.9631944 | Deploying | 2 | 19320 | 10.91 | 9.76 | 10.96 | 7.98 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 23:07 | 303.9633102 | Winding down 1454 ticks | 3 | | | | | | | | | | | | |
| 10/28/2016 23:07 | 303.9635417 | Deploying | 2 | 19350 | 10.94 | 9.82 | 10.97 | 7.97 | 1580 | 1278 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:08 | 303.9638889 | Deploying | 2 | 19380 | 10.97 | 9.82 | 10.99 | 8 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 23:08 | 303.9642361 | Deploying | 2 | 19410 | 10.95 | 9.82 | 11.01 | 8 | 0 | 0 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 23:08 | 303.9644097 | Winding down 1450 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | State | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 23:09 | 303.9645833 | Deploying | 2 | 19440 | 10.98 | 9.88 | 11.02 | 7.98 | 1997 | 1357 | 0 | 8 | 12 | 10 | 12 |
| 10/28/2016 23:09 | 303.9649306 | Deploying | 2 | 19470 | 11.02 | 9.88 | 11.04 | 7.98 | 0 | 0 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 23:10 | 303.9652778 | Deploying | 2 | 19500 | 11.02 | 9.88 | 11.06 | 7.97 | 0 | 0 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 23:10 | 303.9656250 | Deploying | 2 | 19530 | 11.03 | 9.88 | 11.07 | 8 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:10 | 303.9658681 | Winding down 1585 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:11 | 303.9659722 | Deploying | 2 | 19560 | 11.04 | 9.94 | 11.09 | 7.98 | 1552 | 1246 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 23:11 | 303.9663194 | Deploying | 2 | 19590 | 11.07 | 9.94 | 11.11 | 8 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 23:12 | 303.9666667 | Deploying | 2 | 19620 | 11.06 | 9.94 | 11.13 | 7.98 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 23:12 | 303.9666782 | Winding down 1526 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:12 | 303.9670139 | Deploying | 2 | 19650 | 11.13 | 10 | 11.14 | 8 | 2174 | 1550 | 0 | 10 | 10 | 9 | 10 |
| 10/28/2016 23:13 | 303.9673611 | Deploying | 2 | 19680 | 11.12 | 10 | 11.16 | 7.95 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10/28/2016 23:13 | 303.9677083 | Deploying | 2 | 19710 | 11.12 | 10 | 11.18 | 8.02 | 0 | 0 | 0 | 10 | 9 | 10 | 9 |
| 10/28/2016 23:13 | 303.9679167 | Winding down 1767 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:14 | 303.9680556 | Deploying | 2 | 19740 | 11.16 | 10.06 | 11.19 | 7.98 | 1955 | 1276 | 0 | 9 | 12 | 10 | 12 |
| 10/28/2016 23:14 | 303.9684028 | Deploying | 2 | 19770 | 11.21 | 10.06 | 11.21 | 7.98 | 0 | 0 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 23:15 | 303.9687500 | Deploying | 2 | 19800 | 11.22 | 10.06 | 11.23 | 8 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 23:15 | 303.9690972 | Deploying | 2 | 19830 | 11.22 | 10.06 | 11.24 | 7.98 | 0 | 0 | 0 | 8 | 7 | 9 | 7 |
| 10/28/2016 23:16 | 303.9694444 | Deploying | 2 | 19860 | 11.22 | 10.06 | 11.26 | 7.97 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 23:16 | 303.9697801 | Winding down 1973 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:16 | 303.9697917 | Deploying | 2 | 19890 | 11.2 | 10.14 | 11.28 | 8 | 2023 | 1523 | 0 | 10 | 10 | 8 | 10 |
| 10/28/2016 23:17 | 303.9701389 | Deploying | 2 | 19920 | 11.29 | 10.14 | 11.3 | 8 | 2023 | 61 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 23:17 | 303.9704861 | Deploying | 2 | 19950 | 11.28 | 10.14 | 11.31 | 8 | 0 | 0 | 0 | 9 | 10 | 10 | 10 |
| 10/28/2016 23:18 | 303.9708333 | Deploying | 2 | 19980 | 11.3 | 10.14 | 11.33 | 7.98 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:18 | 303.9711806 | Deploying | 2 | 20010 | 11.29 | 10.14 | 11.35 | 7.98 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:18 | 303.9713079 | Winding down 1593 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:19 | 303.9715278 | Deploying | 2 | 20040 | 11.33 | 10.2 | 11.36 | 8.02 | 2150 | 1549 | 0 | 8 | 8 | 9 | 8 |
| 10/28/2016 23:19 | 303.9718750 | Deploying | 2 | 20070 | 11.33 | 10.2 | 11.38 | 7.98 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 23:20 | 303.9722222 | Deploying | 2 | 20100 | 11.37 | 10.2 | 11.4 | 7.98 | 0 | 0 | 0 | 8 | 9 | 9 | 9 |
| 10/28/2016 23:20 | 303.9724769 | Winding down 1724 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:20 | 303.9725694 | Deploying | 2 | 20130 | 11.37 | 10.27 | 11.41 | 7.98 | 1681 | 1365 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 23:21 | 303.9729167 | Deploying | 2 | 20160 | 11.43 | 10.27 | 11.43 | 8 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:21 | 303.9732639 | Deploying | 2 | 20190 | 11.43 | 10.27 | 11.45 | 7.97 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 23:22 | 303.9736111 | Deploying | 2 | 20220 | 11.41 | 10.27 | 11.47 | 7.98 | 0 | 0 | 0 | 7 | 8 | 9 | 8 |
| 10/28/2016 23:22 | 303.9738079 | Winding down 1328 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:22 | 303.9739583 | Deploying | 2 | 20250 | 11.45 | 10.32 | 11.48 | 8 | 2062 | 1411 | 0 | 8 | 11 | 9 | 11 |
| 10/28/2016 23:23 | 303.9743056 | Deploying | 2 | 20280 | 11.47 | 10.32 | 11.5 | 7.98 | 0 | 0 | 0 | 9 | 9 | 9 | 9 |
| 10/28/2016 23:23 | 303.9746528 | Deploying | 2 | 20310 | 11.44 | 10.32 | 11.52 | 8 | 0 | 0 | 0 | 8 | 11 | 10 | 11 |
| 10/28/2016 23:23 | 303.9748611 | Winding down 1967 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:24 | 303.9750000 | Deploying | 2 | 20340 | 11.5 | 10.4 | 11.53 | 7.97 | 2176 | 1563 | 0 | 9 | 11 | 10 | 11 |
| 10/28/2016 23:24 | 303.9753472 | Deploying | 2 | 20370 | 11.56 | 10.4 | 11.55 | 7.97 | 0 | 0 | 0 | 9 | 10 | 9 | 10 |
| 10/28/2016 23:25 | 303.9756944 | Deploying | 2 | 20400 | 11.54 | 10.4 | 11.57 | 7.98 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:25 | 303.9760417 | Deploying | 2 | 20430 | 11.54 | 10.4 | 11.58 | 8 | 0 | 0 | 0 | 8 | 10 | 9 | 10 |
| 10/28/2016 23:26 | 303.9763889 | Deploying | 2 | 20460 | 11.56 | 10.4 | 11.6 | 7.97 | 0 | 0 | 0 | 11 | 10 | 10 | 10 |
| 10/28/2016 23:26 | 303.9767245 | Winding down 1873 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:26 | 303.9767361 | Deploying | 2 | 20490 | 11.54 | 10.47 | 11.62 | 7.98 | 2192 | 1567 | 0 | 10 | 9 | 9 | 9 |
| 10/28/2016 23:27 | 303.9770833 | Deploying | 2 | 20520 | 11.62 | 10.47 | 11.64 | 7.98 | 2192 | 69 | 0 | 11 | 13 | 11 | 13 |
| 10/28/2016 23:27 | 303.9774306 | Deploying | 2 | 20550 | 11.61 | 10.47 | 11.65 | 8.02 | 0 | 0 | 0 | 10 | 11 | 12 | 11 |
| 10/28/2016 23:27 | 303.9777199 | Winding down 1816 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:28 | 303.9777778 | Deploying | 2 | 20580 | 11.61 | 10.54 | 11.67 | 7.98 | 1995 | 1521 | 3 | 11 | 16 | 16 | 16 |
| 10/28/2016 23:28 | 303.9778356 | Probe hit seabed | 4 | | | | | | | | | | | |
| 10/28/2016 23:28 | 303.9778356 | State 4 (REWIND) | 5 | | | | | | | | | | | |
| 10/28/2016 23:28 | 303.9778588 | Winding up 1450 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:28 | 303.9778819 | Winding up 2725 ticks | 3 | | | | | | | | | | | |
| 10/28/2016 23:28 | 303.9779167 | Winding up 4550 ticks | 3 | | | | | | | | | | | |

| Date/Time | Value | Event | Col | Num | A | B | C | D | E | F |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 23:28 | 303.9779745 | Winding up 7325 ticks | 3 | | | | | | | |
| 10/28/2016 23:28 | 303.9780671 | Winding up 10050 ticks | 3 | | | | | | | |
| 10/28/2016 23:28 | 303.9781250 | Rewinding | 5 | 20585 | 11.41 | 9.53 | 11.01 | 7.87 | 1011 | 673 |
| 10/28/2016 23:28 | 303.9781944 | Winding up 10075 ticks | 3 | | | | | | | |
| 10/28/2016 23:28 | 303.9783218 | Winding up 8074 ticks | 3 | | | | | | | |
| 10/28/2016 23:28 | 303.9784259 | Winding up 5875 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9784722 | Rewinding | 5 | 20585 | 10.43 | 8.61 | 10.26 | 7.86 | 1114 | 774 |
| 10/28/2016 23:29 | 303.9784954 | Winding up 4325 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9785532 | Winding up 2950 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9785880 | Winding up 2174 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9786227 | Winding up 1300 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9788194 | Rewinding | 5 | 20585 | 9.53 | 8.2 | 9.51 | 7.92 | 1125 | 825 |
| 10/28/2016 23:29 | 303.9788310 | Winding up 1400 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9788542 | Winding up 1974 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9788889 | Winding up 2875 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9789236 | Winding up 3700 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9789699 | Winding up 4799 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9790278 | Winding up 5774 ticks | 3 | | | | | | | |
| 10/28/2016 23:29 | 303.9790972 | Winding up 5925 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9791667 | Rewinding | 5 | 20585 | 8.94 | 7.18 | 8.76 | 7.83 | 1124 | 811 |
| 10/28/2016 23:30 | 303.9791667 | Winding up 5125 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9792361 | Winding up 3500 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9792824 | Winding up 2500 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9793171 | Winding up 1775 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9793403 | Winding up 1375 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9795139 | Rewinding | 5 | 20585 | 8.02 | 6.64 | 8.01 | 7.97 | 1111 | 765 |
| 10/28/2016 23:30 | 303.9795486 | Winding up 1475 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9795718 | Winding up 2000 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9796065 | Winding up 2850 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9796412 | Winding up 3750 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9796875 | Winding up 4800 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9797454 | Winding up 5875 ticks | 3 | | | | | | | |
| 10/28/2016 23:30 | 303.9798148 | Winding up 5975 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9798611 | Rewinding | 5 | 20585 | 7.46 | 5.61 | 7.26 | 7.83 | 1133 | 811 |
| 10/28/2016 23:31 | 303.9798958 | Winding up 4900 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9799537 | Winding up 3425 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9800000 | Winding up 2100 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9802083 | Rewinding | 5 | 20585 | 6.54 | 5.22 | 6.51 | 7.87 | 1099 | 756 |
| 10/28/2016 23:31 | 303.9802199 | Winding up 1500 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9802431 | Winding up 2025 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9802778 | Winding up 2825 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9803125 | Winding up 3625 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9803588 | Winding up 4825 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9804167 | Winding up 5875 ticks | 3 | | | | | | | |
| 10/28/2016 23:31 | 303.9804861 | Winding up 5875 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9805556 | Rewinding | 5 | 20585 | 5.94 | 4.21 | 5.76 | 7.73 | 1092 | 753 |
| 10/28/2016 23:32 | 303.9805556 | Winding up 5025 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9806250 | Winding up 3300 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9806713 | Winding up 2175 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9809028 | Rewinding | 5 | 20585 | 5.04 | 3.81 | 5.01 | 7.94 | 1082 | 756 |
| 10/28/2016 23:32 | 303.9809028 | Winding up 1250 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9809259 | Winding up 1875 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9809491 | Winding up 2550 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9809838 | Winding up 3400 ticks | 3 | | | | | | | |

| Date/Time | Timestamp | Event | State | Val | C1 | C2 | C3 | C4 | C5 | C6 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/28/2016 23:32 | 303.9810301 | Winding up 4550 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9810880 | Winding up 5825 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9811574 | Winding up 6025 ticks | 3 | | | | | | | |
| 10/28/2016 23:32 | 303.9812384 | Winding up 5025 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9812500 | Rewinding | 5 | 20585 | 4.43 | 2.65 | 4.26 | 7.94 | 1128 | 810 |
| 10/28/2016 23:33 | 303.9813079 | Winding up 3225 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9813542 | Winding up 1925 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9813773 | Winding up 1425 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9815856 | Winding up 1250 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9815972 | Rewinding | 5 | 20585 | 3.55 | 2.35 | 3.51 | 7.92 | 1125 | 804 |
| 10/28/2016 23:33 | 303.9816088 | Winding up 1750 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9816319 | Winding up 2150 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9816667 | Winding up 3100 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9817130 | Winding up 4300 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9817708 | Winding up 5475 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9818403 | Winding up 6200 ticks | 3 | | | | | | | |
| 10/28/2016 23:33 | 303.9819213 | Winding up 5875 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9819444 | Rewinding | 5 | 20585 | 2.96 | 1.26 | 2.76 | 7.81 | 1116 | 804 |
| 10/28/2016 23:34 | 303.9819907 | Winding up 4800 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9820486 | Winding up 3500 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9820949 | Winding up 2450 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9821296 | Winding up 1725 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9822917 | Rewinding | 5 | 20585 | 1.99 | 0.79 | 2.01 | 7.87 | 1137 | 780 |
| 10/28/2016 23:34 | 303.9823727 | Winding up 1500 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9823958 | Winding up 2225 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9824306 | Winding up 3025 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9824769 | Winding up 4425 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9825347 | Winding up 5950 ticks | 3 | | | | | | | |
| 10/28/2016 23:34 | 303.9826042 | Winding up 6975 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9826389 | Rewinding | 5 | 20585 | 1.51 | -0.12 | 1.26 | 7.83 | 1105 | 806 |
| 10/28/2016 23:35 | 303.9826968 | Winding up 6325 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9827778 | Winding up 4750 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9828356 | Winding up 3250 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9828704 | Winding up 2450 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9828819 | Winding up 2300 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9828935 | Winding up 2150 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9829051 | Winding up 2025 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9829167 | Winding up 1875 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9829282 | Winding up 1775 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9829398 | Winding up 1700 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9829514 | Winding up 1650 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9829630 | Winding up 1700 ticks | 3 | | | | | | | |
| 10/28/2016 23:35 | 303.9829745 | Overcurrent (motor jam) condition detected | 5 | | | | | | | |
| 10/28/2016 23:35 | 303.9829745 | State 5 (FINISHED) | 5 | | | | | | | |
| 10/29/2016 0:25 | 304.0177315 | Manual stop | 5 | | | | | | | |
| 10/29/2016 0:25 | 304.0177315 | State 1 (IDLE) | 5 | | | | | | | |
| 10/29/2016 0:25 | 304.0179977 | Manual stop | 5 | | | | | | | |
| 10/29/2016 0:25 | 304.0179977 | State 1 (IDLE) | 5 | | | | | | | |

DPS8-2

| Timestamp | Julian Date | State/event | Code | Elapsed | Pressure D | Line Deploy | Target Dep | Battery | Peak Curre | Avg Curren | Tilts | Tilt Min | Tilt Max | Tilt Mean | Tilt Spot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:00 | 303.2086806 | Deploying | 2 | 30 | 0.36 | 0 | 0.02 | 8.49 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 5:01 | 303.2090278 | Deploying | 2 | 60 | 0.36 | 0 | 0.04 | 8.51 | 0 | 0 | 0 | 6 | 10 | 8 | 10 |
| 10/29/2016 5:01 | 303.2093750 | Deploying | 2 | 90 | 0.36 | 0 | 0.06 | 8.52 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 5:02 | 303.2097222 | Deploying | 2 | 120 | 0.37 | 0 | 0.08 | 8.49 | 0 | 0 | 0 | 5 | 10 | 8 | 10 |
| 10/29/2016 5:02 | 303.2100694 | Deploying | 2 | 150 | 0.35 | 0 | 0.09 | 8.49 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 5:03 | 303.2104167 | Deploying | 2 | 180 | 0.36 | 0 | 0.11 | 8.49 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 5:03 | 303.2107639 | Deploying | 2 | 210 | 0.36 | 0 | 0.13 | 8.49 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 5:04 | 303.2111111 | Deploying | 2 | 240 | 0.36 | 0 | 0.14 | 8.49 | 0 | 0 | 0 | 2 | 11 | 6 | 11 |
| 10/29/2016 5:04 | 303.2114583 | Deploying | 2 | 270 | 0.36 | 0 | 0.16 | 8.48 | 0 | 0 | 0 | 6 | 6 | 7 | 6 |
| 10/29/2016 5:05 | 303.2118056 | Deploying | 2 | 300 | 0.36 | 0 | 0.18 | 8.48 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 5:05 | 303.2121528 | Deploying | 2 | 330 | 0.37 | 0 | 0.19 | 8.48 | 0 | 0 | 0 | 10 | 9 | 5 | 9 |
| 10/29/2016 5:06 | 303.2125000 | Deploying | 2 | 360 | 0.38 | 0 | 0.21 | 8.51 | 0 | 0 | 0 | 10 | 8 | 7 | 8 |
| 10/29/2016 5:06 | 303.2128472 | Deploying | 2 | 390 | 0.36 | 0 | 0.23 | 8.51 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 5:07 | 303.2131944 | Deploying | 2 | 420 | 0.36 | 0 | 0.25 | 8.49 | 0 | 0 | 0 | 10 | 9 | 6 | 9 |
| 10/29/2016 5:07 | 303.2135417 | Deploying | 2 | 450 | 0.36 | 0 | 0.26 | 8.48 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 5:08 | 303.2138889 | Deploying | 2 | 480 | 0.37 | 0 | 0.28 | 8.51 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:08 | 303.2142361 | Deploying | 2 | 510 | 0.36 | 0 | 0.3 | 8.51 | 0 | 0 | 0 | 8 | 7 | 5 | 7 |
| 10/29/2016 5:09 | 303.2145833 | Deploying | 2 | 540 | 0.36 | 0 | 0.31 | 8.48 | 0 | 0 | 0 | 2 | 6 | 3 | 6 |
| 10/29/2016 5:09 | 303.2149306 | Deploying | 2 | 570 | 0.36 | 0 | 0.33 | 8.48 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 5:10 | 303.2152778 | Deploying | 2 | 600 | 0.36 | 0 | 0.35 | 8.48 | 0 | 0 | 0 | 6 | 4 | 5 | 4 |
| 10/29/2016 5:10 | 303.2156250 | Deploying | 2 | 630 | 0.37 | 0 | 0.36 | 8.48 | 0 | 0 | 0 | 8 | 5 | 4 | 5 |
| 10/29/2016 5:11 | 303.2159722 | Deploying | 2 | 660 | 0.36 | 0 | 0.38 | 8.48 | 0 | 0 | 0 | 3 | 8 | 5 | 8 |
| 10/29/2016 5:11 | 303.2163194 | Deploying | 2 | 690 | 0.36 | 0 | 0.4 | 8.49 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 5:12 | 303.2166667 | Deploying | 2 | 720 | 0.37 | 0 | 0.42 | 8.46 | 0 | 0 | 0 | 3 | 4 | 4 | 4 |
| 10/29/2016 5:12 | 303.2169907 | Winding down 1759 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:12 | 303.2170139 | Deploying | 2 | 750 | 0.36 | 0.07 | 0.43 | 8.44 | 2004 | 1506 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 5:13 | 303.2173611 | Deploying | 2 | 780 | 0.42 | 0.07 | 0.45 | 8.48 | 0 | 0 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 5:13 | 303.2176736 | Winding down 1445 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:13 | 303.2177083 | Deploying | 2 | 810 | 0.41 | 0.12 | 0.47 | 8.48 | 2079 | 1523 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:14 | 303.2180556 | Deploying | 2 | 840 | 0.47 | 0.12 | 0.48 | 8.49 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 5:14 | 303.2184028 | Deploying | 2 | 870 | 0.47 | 0.12 | 0.5 | 8.48 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 5:15 | 303.2187500 | Deploying | 2 | 900 | 0.47 | 0.12 | 0.52 | 8.48 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 5:15 | 303.2190972 | Deploying | 2 | 930 | 0.48 | 0.12 | 0.53 | 8.48 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 5:15 | 303.2191319 | Winding down 1430 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:16 | 303.2194444 | Deploying | 2 | 960 | 0.52 | 0.17 | 0.55 | 8.48 | 2099 | 1543 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 5:16 | 303.2197917 | Deploying | 2 | 990 | 0.52 | 0.17 | 0.57 | 8.43 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 5:16 | 303.2200810 | Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:17 | 303.2201389 | Deploying | 2 | 1020 | 0.54 | 0.23 | 0.59 | 8.48 | 2076 | 1538 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 5:17 | 303.2204861 | Deploying | 2 | 1050 | 0.59 | 0.23 | 0.6 | 8.48 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 5:18 | 303.2208333 | Deploying | 2 | 1080 | 0.59 | 0.23 | 0.62 | 8.44 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 5:18 | 303.2211806 | Deploying | 2 | 1110 | 0.59 | 0.23 | 0.64 | 8.49 | 0 | 0 | 0 | 6 | 6 | 7 | 6 |
| 10/29/2016 5:18 | 303.2214120 | Winding down 1445 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:19 | 303.2215278 | Deploying | 2 | 1140 | 0.61 | 0.29 | 0.65 | 8.49 | 1938 | 1456 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 5:19 | 303.2218750 | Deploying | 2 | 1170 | 0.65 | 0.29 | 0.67 | 8.46 | 0 | 0 | 0 | 6 | 8 | 8 | 8 |
| 10/29/2016 5:20 | 303.2222222 | Deploying | 2 | 1200 | 0.64 | 0.29 | 0.69 | 8.48 | 0 | 0 | 0 | 8 | 9 | 8 | 9 |
| 10/29/2016 5:20 | 303.2225694 | Deploying | 2 | 1230 | 0.65 | 0.29 | 0.7 | 8.52 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 5:20 | 303.2228125 | Winding down 1885 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:21 | 303.2229167 | Deploying | 2 | 1260 | 0.66 | 0.36 | 0.72 | 8.48 | 2092 | 1548 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 5:21 | 303.2232639 | Deploying | 2 | 1290 | 0.72 | 0.36 | 0.74 | 8.48 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 5:22 | 303.2236111 | Deploying | 2 | 1320 | 0.73 | 0.36 | 0.76 | 8.46 | 0 | 0 | 0 | 8 | 7 | 8 | 7 |
| 10/29/2016 5:22 | 303.2239583 | Deploying | 2 | 1350 | 0.72 | 0.36 | 0.77 | 8.43 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:22 | 303.2241319 | Winding down 1725 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:23 | 303.2243056 | Deploying | 2 | 1380 | 0.74 | 0.42 | 0.79 | 8.48 | 1998 | 1535 | 0 | 7 | 7 | 7 | 7 |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:23 | 303.2246528 | Deploying | 2 | 1410 | 0.79 | 0.42 | 0.81 | 8.46 | 0 | 0 | 0 | 6 | 7 | 8 | 7 |
| 10/29/2016 5:24 | 303.2250000 | Deploying | 2 | 1440 | 0.79 | 0.42 | 0.82 | 8.49 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:24 | 303.2253472 | Deploying | 2 | 1470 | 0.79 | 0.42 | 0.84 | 8.46 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 5:24 | 303.2254514 | Winding down 1490 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:25 | 303.2256944 | Deploying | 2 | 1500 | 0.83 | 0.48 | 0.86 | 8.46 | 1716 | 1342 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 5:25 | 303.2260417 | Deploying | 2 | 1530 | 0.86 | 0.48 | 0.87 | 8.44 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 5:26 | 303.2263889 | Deploying | 2 | 1560 | 0.85 | 0.48 | 0.89 | 8.44 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 5:26 | 303.2267361 | Deploying | 2 | 1590 | 0.86 | 0.48 | 0.91 | 8.44 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:26 | 303.2269329 | Winding down 1678 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:27 | 303.2270833 | Deploying | 2 | 1620 | 0.88 | 0.54 | 0.93 | 8.48 | 2029 | 1532 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:27 | 303.2274306 | Deploying | 2 | 1650 | 0.92 | 0.54 | 0.94 | 8.44 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:28 | 303.2277778 | Deploying | 2 | 1680 | 0.92 | 0.54 | 0.96 | 8.48 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 5:28 | 303.2281250 | Deploying | 2 | 1710 | 0.92 | 0.54 | 0.98 | 8.44 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:28 | 303.2282986 | Winding down 1700 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:29 | 303.2284722 | Deploying | 2 | 1740 | 0.95 | 0.61 | 0.99 | 8.48 | 1992 | 1523 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 5:29 | 303.2288194 | Deploying | 2 | 1770 | 1 | 0.61 | 1.01 | 8.46 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 5:30 | 303.2291667 | Deploying | 2 | 1800 | 1 | 0.61 | 1.03 | 8.46 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 5:30 | 303.2295139 | Deploying | 2 | 1830 | 1 | 0.61 | 1.04 | 8.48 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:31 | 303.2298611 | Deploying | 2 | 1860 | 1 | 0.61 | 1.06 | 8.46 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:31 | 303.2298611 | Winding down 1612 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:31 | 303.2302083 | Deploying | 2 | 1890 | 1.05 | 0.67 | 1.08 | 8.41 | 1800 | 1354 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:32 | 303.2305556 | Deploying | 2 | 1920 | 1.05 | 0.67 | 1.1 | 8.46 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:32 | 303.2308102 | Winding down 1574 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:32 | 303.2309028 | Deploying | 2 | 1950 | 1.06 | 0.73 | 1.11 | 8.46 | 2154 | 1564 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 5:33 | 303.2312500 | Deploying | 2 | 1980 | 1.1 | 0.73 | 1.13 | 8.44 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:33 | 303.2315972 | Deploying | 2 | 2010 | 1.11 | 0.73 | 1.15 | 8.46 | 0 | 0 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 5:34 | 303.2319444 | Deploying | 2 | 2040 | 1.12 | 0.73 | 1.16 | 8.44 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 5:34 | 303.2322685 | Winding down 1834 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:34 | 303.2322917 | Deploying | 2 | 2070 | 1.11 | 0.8 | 1.18 | 8.41 | 2155 | 1558 | 0 | 9 | 8 | 8 | 8 |
| 10/29/2016 5:35 | 303.2326389 | Deploying | 2 | 2100 | 1.2 | 0.8 | 1.2 | 8.46 | 0 | 0 | 0 | 8 | 8 | 8 | 8 |
| 10/29/2016 5:35 | 303.2329861 | Deploying | 2 | 2130 | 1.2 | 0.8 | 1.21 | 8.44 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:36 | 303.2333333 | Deploying | 2 | 2160 | 1.2 | 0.8 | 1.23 | 8.46 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:36 | 303.2336806 | Deploying | 2 | 2190 | 1.2 | 0.8 | 1.25 | 8.46 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:36 | 303.2339352 | Winding down 1524 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:37 | 303.2340278 | Deploying | 2 | 2220 | 1.22 | 0.86 | 1.27 | 8.44 | 1801 | 1398 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 5:37 | 303.2343750 | Deploying | 2 | 2250 | 1.25 | 0.86 | 1.28 | 8.44 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 5:38 | 303.2347222 | Deploying | 2 | 2280 | 1.25 | 0.86 | 1.3 | 8.44 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:38 | 303.2349537 | Winding down 1370 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:38 | 303.2350694 | Deploying | 2 | 2310 | 1.27 | 0.91 | 1.32 | 8.46 | 1673 | 1246 | 0 | 6 | 9 | 7 | 9 |
| 10/29/2016 5:39 | 303.2354167 | Deploying | 2 | 2340 | 1.32 | 0.91 | 1.33 | 8.44 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:39 | 303.2357639 | Deploying | 2 | 2370 | 1.31 | 0.91 | 1.35 | 8.44 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:40 | 303.2361111 | Deploying | 2 | 2400 | 1.31 | 0.91 | 1.37 | 8.46 | 0 | 0 | 0 | 7 | 8 | 8 | 8 |
| 10/29/2016 5:40 | 303.2362500 | Winding down 1807 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:40 | 303.2364583 | Deploying | 2 | 2430 | 1.36 | 0.98 | 1.38 | 8.44 | 2018 | 1314 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 5:41 | 303.2368056 | Deploying | 2 | 2460 | 1.39 | 0.98 | 1.4 | 8.44 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:41 | 303.2371528 | Deploying | 2 | 2490 | 1.39 | 0.98 | 1.42 | 8.46 | 0 | 0 | 0 | 7 | 9 | 8 | 9 |
| 10/29/2016 5:42 | 303.2375000 | Deploying | 2 | 2520 | 1.39 | 0.98 | 1.44 | 8.44 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:42 | 303.2377894 | Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:42 | 303.2378472 | Deploying | 2 | 2550 | 1.39 | 1.03 | 1.45 | 8.44 | 1751 | 1402 | 0 | 9 | 8 | 7 | 8 |
| 10/29/2016 5:43 | 303.2381944 | Deploying | 2 | 2580 | 1.45 | 1.03 | 1.47 | 8.43 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:43 | 303.2385417 | Deploying | 2 | 2610 | 1.45 | 1.03 | 1.49 | 8.43 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:44 | 303.2388889 | Deploying | 2 | 2640 | 1.45 | 1.03 | 1.5 | 8.43 | 0 | 0 | 0 | 6 | 9 | 7 | 9 |
| 10/29/2016 5:44 | 303.2390856 | Winding down 1553 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:44 | 303.2392361 | Deploying | 2 | 2670 | 1.49 | 1.09 | 1.52 | 8.44 | 2032 | 1324 | 0 | 8 | 7 | 7 | 7 |

| Date/Time | Value | State | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 5:45 | 303.2395833 | Deploying | 2 | 2700 | 1.52 | 1.09 | 1.54 | 8.48 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:45 | 303.2399306 | Deploying | 2 | 2730 | 1.52 | 1.09 | 1.55 | 8.43 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 5:46 | 303.2402778 | Deploying | 2 | 2760 | 1.52 | 1.09 | 1.57 | 8.41 | 0 | 0 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 5:46 | 303.2404861 | Winding down 1667 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:46 | 303.2406250 | Deploying | 2 | 2790 | 1.53 | 1.16 | 1.59 | 8.46 | 1634 | 1302 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:47 | 303.2409722 | Deploying | 2 | 2820 | 1.58 | 1.16 | 1.61 | 8.43 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:47 | 303.2413194 | Deploying | 2 | 2850 | 1.58 | 1.16 | 1.62 | 8.48 | 0 | 0 | 0 | 6 | 4 | 6 | 4 |
| 10/29/2016 5:47 | 303.2414931 | Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:48 | 303.2416667 | Deploying | 2 | 2880 | 1.61 | 1.21 | 1.64 | 8.46 | 1954 | 1510 | 0 | 6 | 9 | 7 | 9 |
| 10/29/2016 5:48 | 303.2420139 | Deploying | 2 | 2910 | 1.64 | 1.21 | 1.66 | 8.44 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:49 | 303.2423611 | Deploying | 2 | 2940 | 1.64 | 1.21 | 1.67 | 8.44 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:49 | 303.2427083 | Deploying | 2 | 2970 | 1.65 | 1.21 | 1.69 | 8.43 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 5:50 | 303.2430556 | Deploying | 2 | 3000 | 1.65 | 1.21 | 1.71 | 8.44 | 0 | 0 | 0 | 6 | 8 | 6 | 8 |
| 10/29/2016 5:50 | 303.2432060 | Winding down 1846 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:50 | 303.2434028 | Deploying | 2 | 3030 | 1.67 | 1.28 | 1.72 | 8.46 | 2008 | 1528 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 5:51 | 303.2437500 | Deploying | 2 | 3060 | 1.72 | 1.28 | 1.74 | 8.43 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 5:51 | 303.2440972 | Deploying | 2 | 3090 | 1.72 | 1.28 | 1.76 | 8.43 | 0 | 0 | 0 | 6 | 6 | 7 | 6 |
| 10/29/2016 5:51 | 303.2443519 | Winding down 1299 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:52 | 303.2444444 | Deploying | 2 | 3120 | 1.73 | 1.33 | 1.78 | 8.44 | 1752 | 1394 | 0 | 6 | 9 | 7 | 9 |
| 10/29/2016 5:52 | 303.2447917 | Deploying | 2 | 3150 | 1.76 | 1.33 | 1.79 | 8.46 | 0 | 0 | 0 | 10 | 9 | 7 | 9 |
| 10/29/2016 5:53 | 303.2451389 | Deploying | 2 | 3180 | 1.77 | 1.33 | 1.81 | 8.43 | 0 | 0 | 0 | 6 | 6 | 7 | 6 |
| 10/29/2016 5:53 | 303.2454861 | Deploying | 2 | 3210 | 1.77 | 1.33 | 1.83 | 8.44 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:53 | 303.2456366 | Winding down 1696 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:54 | 303.2458333 | Deploying | 2 | 3240 | 1.8 | 1.39 | 1.84 | 8.44 | 2014 | 1325 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 5:54 | 303.2461806 | Deploying | 2 | 3270 | 1.85 | 1.39 | 1.86 | 8.4 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:55 | 303.2465278 | Deploying | 2 | 3300 | 1.84 | 1.39 | 1.88 | 8.43 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:55 | 303.2468750 | Deploying | 2 | 3330 | 1.83 | 1.39 | 1.89 | 8.43 | 0 | 0 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 5:55 | 303.2468981 | Winding down 1715 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:56 | 303.2472222 | Deploying | 2 | 3360 | 1.9 | 1.46 | 1.91 | 8.43 | 1905 | 1275 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:56 | 303.2475694 | Deploying | 2 | 3390 | 1.91 | 1.46 | 1.93 | 8.41 | 0 | 0 | 0 | 7 | 8 | 7 | 8 |
| 10/29/2016 5:57 | 303.2479167 | Deploying | 2 | 3420 | 1.92 | 1.46 | 1.95 | 8.44 | 0 | 0 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 5:57 | 303.2482639 | Deploying | 2 | 3450 | 1.91 | 1.46 | 1.96 | 8.43 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 5:57 | 303.2483796 | Winding down 1504 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:58 | 303.2486111 | Deploying | 2 | 3480 | 1.95 | 1.52 | 1.98 | 8.41 | 1995 | 1518 | 0 | 7 | 9 | 7 | 9 |
| 10/29/2016 5:58 | 303.2489583 | Deploying | 2 | 3510 | 1.97 | 1.52 | 2 | 8.44 | 0 | 0 | 0 | 8 | 7 | 7 | 7 |
| 10/29/2016 5:59 | 303.2493056 | Deploying | 2 | 3540 | 1.97 | 1.52 | 2.01 | 8.4 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 5:59 | 303.2496181 | Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 5:59 | 303.2496528 | Deploying | 2 | 3570 | 1.97 | 1.58 | 2.03 | 8.44 | 2014 | 1492 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 6:00 | 303.2500000 | Deploying | 2 | 3600 | 2.04 | 1.58 | 2.05 | 8.43 | 0 | 0 | 0 | 6 | 8 | 6 | 8 |
| 10/29/2016 6:00 | 303.2503472 | Deploying | 2 | 3630 | 2.06 | 1.58 | 2.06 | 8.4 | 0 | 0 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 6:01 | 303.2506944 | Deploying | 2 | 3660 | 2.05 | 1.58 | 2.08 | 8.44 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 6:01 | 303.2510417 | Deploying | 2 | 3690 | 2.05 | 1.58 | 2.1 | 8.41 | 0 | 0 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 6:01 | 303.2512963 | Winding down 1749 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:02 | 303.2513889 | Deploying | 2 | 3720 | 2.06 | 1.65 | 2.12 | 8.44 | 1572 | 1259 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 6:02 | 303.2517361 | Deploying | 2 | 3750 | 2.13 | 1.65 | 2.13 | 8.41 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 6:03 | 303.2520833 | Deploying | 2 | 3780 | 2.12 | 1.65 | 2.15 | 8.4 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:03 | 303.2524306 | Deploying | 2 | 3810 | 2.12 | 1.65 | 2.17 | 8.4 | 0 | 0 | 0 | 6 | 7 | 7 | 7 |
| 10/29/2016 6:03 | 303.2526852 | Winding down 1599 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:04 | 303.2527778 | Deploying | 2 | 3840 | 2.13 | 1.71 | 2.18 | 8.43 | 2187 | 1546 | 0 | 9 | 8 | 6 | 8 |
| 10/29/2016 6:04 | 303.2531250 | Deploying | 2 | 3870 | 2.18 | 1.71 | 2.2 | 8.41 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 6:05 | 303.2534722 | Deploying | 2 | 3900 | 2.18 | 1.71 | 2.22 | 8.4 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 6:05 | 303.2538194 | Deploying | 2 | 3930 | 2.18 | 1.71 | 2.23 | 8.41 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 6:05 | 303.2540856 | Winding down 1838 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:06 | 303.2541667 | Deploying | 2 | 3960 | 2.19 | 1.78 | 2.25 | 8.43 | 2212 | 1575 | 0 | 7 | 7 | 7 | 7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:06 | 303.2545139 | Deploying | 2 | 3990 | 2.26 | 1.78 | 2.27 | 8.41 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:07 | 303.2548611 | Deploying | 2 | 4020 | 2.26 | 1.78 | 2.29 | 8.43 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:07 | 303.2552083 | Deploying | 2 | 4050 | 2.26 | 1.78 | 2.3 | 8.43 | 0 | 0 | 0 | 7 | 5 | 5 | 5 |
| 10/29/2016 6:07 | 303.2554977 | Winding down 1566 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:08 | 303.2555556 | Deploying | 2 | 4080 | 2.27 | 1.84 | 2.32 | 8.41 | 1994 | 1324 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:08 | 303.2559028 | Deploying | 2 | 4110 | 2.32 | 1.84 | 2.34 | 8.43 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 6:09 | 303.2562500 | Deploying | 2 | 4140 | 2.33 | 1.84 | 2.35 | 8.4 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 6:09 | 303.2565972 | Deploying | 2 | 4170 | 2.32 | 1.84 | 2.37 | 8.41 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:10 | 303.2569444 | Deploying | 2 | 4200 | 2.32 | 1.84 | 2.39 | 8.41 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:10 | 303.2570370 | Winding down 1875 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:10 | 303.2572917 | Deploying | 2 | 4230 | 2.38 | 1.91 | 2.4 | 8.44 | 1582 | 1240 | 0 | 7 | 6 | 7 | 6 |
| 10/29/2016 6:11 | 303.2576389 | Deploying | 2 | 4260 | 2.39 | 1.91 | 2.42 | 8.44 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:11 | 303.2579861 | Deploying | 2 | 4290 | 2.4 | 1.91 | 2.44 | 8.41 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 6:12 | 303.2583333 | Deploying | 2 | 4320 | 2.4 | 1.91 | 2.46 | 8.43 | 0 | 0 | 0 | 4 | 8 | 6 | 8 |
| 10/29/2016 6:12 | 303.2583333 | Winding down 1412 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:12 | 303.2586806 | Deploying | 2 | 4350 | 2.45 | 1.96 | 2.47 | 8.41 | 1824 | 1394 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 6:13 | 303.2590278 | Deploying | 2 | 4380 | 2.45 | 1.96 | 2.49 | 8.38 | 0 | 0 | 0 | 5 | 4 | 5 | 4 |
| 10/29/2016 6:13 | 303.2593750 | Deploying | 2 | 4410 | 2.46 | 1.96 | 2.51 | 8.38 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:13 | 303.2596759 | Winding down 1630 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:14 | 303.2597222 | Deploying | 2 | 4440 | 2.47 | 2.02 | 2.52 | 8.41 | 1674 | 1366 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 6:14 | 303.2600694 | Deploying | 2 | 4470 | 2.53 | 2.02 | 2.54 | 8.4 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:15 | 303.2604167 | Deploying | 2 | 4500 | 2.53 | 2.02 | 2.56 | 8.41 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 6:15 | 303.2607639 | Deploying | 2 | 4530 | 2.53 | 2.02 | 2.57 | 8.4 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:16 | 303.2611111 | Deploying | 2 | 4560 | 2.53 | 2.02 | 2.59 | 8.4 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 6:16 | 303.2612037 | Winding down 1825 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:16 | 303.2614583 | Deploying | 2 | 4590 | 2.57 | 2.09 | 2.61 | 8.43 | 2027 | 1527 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:17 | 303.2618056 | Deploying | 2 | 4620 | 2.6 | 2.09 | 2.63 | 8.4 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:17 | 303.2621528 | Deploying | 2 | 4650 | 2.59 | 2.09 | 2.64 | 8.43 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 6:17 | 303.2623611 | Winding down 1442 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:18 | 303.2625000 | Deploying | 2 | 4680 | 2.62 | 2.15 | 2.66 | 8.4 | 1988 | 1506 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:18 | 303.2628472 | Deploying | 2 | 4710 | 2.67 | 2.15 | 2.68 | 8.4 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 6:19 | 303.2631944 | Deploying | 2 | 4740 | 2.66 | 2.15 | 2.69 | 8.38 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 6:19 | 303.2635417 | Deploying | 2 | 4770 | 2.66 | 2.15 | 2.71 | 8.4 | 0 | 0 | 0 | 7 | 7 | 6 | 7 |
| 10/29/2016 6:19 | 303.2637616 | Winding down 1681 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:20 | 303.2638889 | Deploying | 2 | 4800 | 2.68 | 2.21 | 2.73 | 8.43 | 2031 | 1326 | 0 | 7 | 7 | 7 | 7 |
| 10/29/2016 6:20 | 303.2642361 | Deploying | 2 | 4830 | 2.73 | 2.21 | 2.74 | 8.41 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:21 | 303.2645833 | Deploying | 2 | 4860 | 2.73 | 2.21 | 2.76 | 8.38 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:21 | 303.2649306 | Deploying | 2 | 4890 | 2.73 | 2.21 | 2.78 | 8.4 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 6:21 | 303.2651042 | Winding down 1450 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:22 | 303.2652778 | Deploying | 2 | 4920 | 2.75 | 2.26 | 2.8 | 8.43 | 1990 | 1318 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:22 | 303.2656250 | Deploying | 2 | 4950 | 2.79 | 2.26 | 2.81 | 8.41 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 6:23 | 303.2659722 | Deploying | 2 | 4980 | 2.79 | 2.26 | 2.83 | 8.4 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:23 | 303.2663194 | Deploying | 2 | 5010 | 2.78 | 2.26 | 2.85 | 8.41 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:23 | 303.2664120 | Winding down 1800 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:24 | 303.2666667 | Deploying | 2 | 5040 | 2.84 | 2.33 | 2.86 | 8.41 | 1766 | 1394 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:24 | 303.2670139 | Deploying | 2 | 5070 | 2.86 | 2.33 | 2.88 | 8.41 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:25 | 303.2673611 | Deploying | 2 | 5100 | 2.86 | 2.33 | 2.9 | 8.41 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:25 | 303.2677083 | Deploying | 2 | 5130 | 2.87 | 2.33 | 2.91 | 8.44 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:25 | 303.2678819 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:26 | 303.2680556 | Deploying | 2 | 5160 | 2.89 | 2.39 | 2.93 | 8.43 | 2191 | 1467 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 6:26 | 303.2684028 | Deploying | 2 | 5190 | 2.92 | 2.39 | 2.95 | 8.4 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:27 | 303.2687500 | Deploying | 2 | 5220 | 2.93 | 2.39 | 2.97 | 8.41 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:27 | 303.2690972 | Deploying | 2 | 5250 | 2.92 | 2.39 | 2.98 | 8.4 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:27 | 303.2691782 | Winding down 1536 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:28 | 303.2694444 | Deploying | 2 | 5280 | 2.97 | 2.45 | 3 | 8.4 | 2017 | 1515 | 0 | 4 | 4 | 5 | 4 |
| 10/29/2016 6:28 | 303.2697917 | Deploying | 2 | 5310 | 2.99 | 2.45 | 3.02 | 8.4 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 6:29 | 303.2701389 | Deploying | 2 | 5340 | 2.99 | 2.45 | 3.03 | 8.4 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:29 | 303.2704167 | Winding down 1802 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:29 | 303.2704861 | Deploying | 2 | 5370 | 2.99 | 2.52 | 3.05 | 8.4 | 2053 | 1362 | 0 | 7 | 7 | 6 | 7 |
| 10/29/2016 6:30 | 303.2708333 | Deploying | 2 | 5400 | 3.07 | 2.52 | 3.07 | 8.43 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 6:30 | 303.2711806 | Deploying | 2 | 5430 | 3.06 | 2.52 | 3.08 | 8.4 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:31 | 303.2715278 | Deploying | 2 | 5460 | 3.05 | 2.52 | 3.1 | 8.38 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 6:31 | 303.2718750 | Deploying | 2 | 5490 | 3.06 | 2.52 | 3.12 | 8.38 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:31 | 303.2718981 | Winding down 1390 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:32 | 303.2722222 | Deploying | 2 | 5520 | 3.1 | 2.57 | 3.14 | 8.4 | 1981 | 1335 | 0 | 3 | 7 | 5 | 7 |
| 10/29/2016 6:32 | 303.2725694 | Deploying | 2 | 5550 | 3.1 | 2.57 | 3.15 | 8.43 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 6:32 | 303.2728009 | Winding down 1420 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:33 | 303.2729167 | Deploying | 2 | 5580 | 3.13 | 2.62 | 3.17 | 8.43 | 1678 | 1374 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 6:33 | 303.2732639 | Deploying | 2 | 5610 | 3.17 | 2.62 | 3.19 | 8.37 | 0 | 0 | 0 | 4 | 4 | 5 | 4 |
| 10/29/2016 6:34 | 303.2736111 | Deploying | 2 | 5640 | 3.17 | 2.62 | 3.2 | 8.41 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 6:34 | 303.2739583 | Deploying | 2 | 5670 | 3.16 | 2.62 | 3.22 | 8.4 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:34 | 303.2740741 | Winding down 1829 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:35 | 303.2743056 | Deploying | 2 | 5700 | 3.2 | 2.69 | 3.24 | 8.37 | 2115 | 1538 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:35 | 303.2746528 | Deploying | 2 | 5730 | 3.24 | 2.69 | 3.25 | 8.4 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:36 | 303.2750000 | Deploying | 2 | 5760 | 3.24 | 2.69 | 3.27 | 8.38 | 0 | 0 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 6:36 | 303.2753472 | Deploying | 2 | 5790 | 3.24 | 2.69 | 3.29 | 8.38 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 6:36 | 303.2755671 | Winding down 1331 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:37 | 303.2756944 | Deploying | 2 | 5820 | 3.27 | 2.74 | 3.31 | 8.38 | 2066 | 1546 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 6:37 | 303.2760417 | Deploying | 2 | 5850 | 3.3 | 2.74 | 3.32 | 8.4 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 6:38 | 303.2763889 | Deploying | 2 | 5880 | 3.3 | 2.74 | 3.34 | 8.38 | 0 | 0 | 0 | 4 | 4 | 5 | 4 |
| 10/29/2016 6:38 | 303.2767361 | Deploying | 2 | 5910 | 3.31 | 2.74 | 3.36 | 8.4 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 6:39 | 303.2770833 | Deploying | 2 | 5940 | 3.31 | 2.74 | 3.37 | 8.38 | 0 | 0 | 0 | 4 | 7 | 5 | 7 |
| 10/29/2016 6:39 | 303.2770949 | Winding down 1701 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:39 | 303.2774306 | Deploying | 2 | 5970 | 3.36 | 2.81 | 3.39 | 8.4 | 1779 | 1429 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:40 | 303.2777778 | Deploying | 2 | 6000 | 3.38 | 2.81 | 3.41 | 8.4 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:40 | 303.2781250 | Deploying | 2 | 6030 | 3.38 | 2.81 | 3.42 | 8.37 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:40 | 303.2783333 | Winding down 1592 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:41 | 303.2784722 | Deploying | 2 | 6060 | 3.39 | 2.87 | 3.44 | 8.4 | 2193 | 1552 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 6:41 | 303.2788194 | Deploying | 2 | 6090 | 3.44 | 2.87 | 3.46 | 8.4 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:42 | 303.2791667 | Deploying | 2 | 6120 | 3.43 | 2.87 | 3.48 | 8.38 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:42 | 303.2795139 | Deploying | 2 | 6150 | 3.43 | 2.87 | 3.49 | 8.4 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:42 | 303.2795718 | Winding down 1583 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:43 | 303.2798611 | Deploying | 2 | 6180 | 3.49 | 2.93 | 3.51 | 8.4 | 1922 | 1509 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:43 | 303.2802083 | Deploying | 2 | 6210 | 3.5 | 2.93 | 3.53 | 8.4 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 6:44 | 303.2805556 | Deploying | 2 | 6240 | 3.49 | 2.93 | 3.54 | 8.38 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:44 | 303.2809028 | Deploying | 2 | 6270 | 3.51 | 2.93 | 3.56 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:44 | 303.2809028 | Winding down 1362 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:45 | 303.2812500 | Deploying | 2 | 6300 | 3.56 | 2.98 | 3.58 | 8.4 | 1926 | 1438 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 6:45 | 303.2815972 | Deploying | 2 | 6330 | 3.57 | 2.98 | 3.59 | 8.38 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:46 | 303.2819444 | Deploying | 2 | 6360 | 3.56 | 2.98 | 3.61 | 8.37 | 0 | 0 | 0 | 8 | 7 | 5 | 7 |
| 10/29/2016 6:46 | 303.2822569 | Winding down 1795 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:46 | 303.2822917 | Deploying | 2 | 6390 | 3.56 | 3.05 | 3.63 | 8.4 | 1961 | 1511 | 0 | 4 | 4 | 5 | 4 |
| 10/29/2016 6:47 | 303.2826389 | Deploying | 2 | 6420 | 3.63 | 3.05 | 3.65 | 8.4 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 6:47 | 303.2829861 | Deploying | 2 | 6450 | 3.63 | 3.05 | 3.66 | 8.38 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 6:48 | 303.2833333 | Deploying | 2 | 6480 | 3.64 | 3.05 | 3.68 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:48 | 303.2836690 | Winding down 1523 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:48 | 303.2836806 | Deploying | 2 | 6510 | 3.64 | 3.11 | 3.7 | 8.4 | 2216 | 1563 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:49 | 303.2840278 | Deploying | 2 | 6540 | 3.7 | 3.11 | 3.71 | 8.38 | 2216 | 72 | 0 | 5 | 6 | 5 | 6 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 6:49 | 303.2843750 | Deploying | 2 | 6570 | 3.69 | 3.11 | 3.73 | 8.4 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 6:50 | 303.2847222 | Deploying | 2 | 6600 | 3.7 | 3.11 | 3.75 | 8.41 | 0 | 0 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 6:50 | 303.2850000 | Winding down 1652 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:50 | 303.2850694 | Deploying | 2 | 6630 | 3.71 | 3.17 | 3.76 | 8.38 | 2226 | 1569 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:51 | 303.2854167 | Deploying | 2 | 6660 | 3.77 | 3.17 | 3.78 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:51 | 303.2857639 | Deploying | 2 | 6690 | 3.77 | 3.17 | 3.8 | 8.38 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 6:52 | 303.2861111 | Deploying | 2 | 6720 | 3.76 | 3.17 | 3.82 | 8.4 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 6:52 | 303.2863079 | Winding down 1603 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:52 | 303.2864583 | Deploying | 2 | 6750 | 3.79 | 3.23 | 3.83 | 8.37 | 1719 | 1384 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 6:53 | 303.2868056 | Deploying | 2 | 6780 | 3.83 | 3.23 | 3.85 | 8.4 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:53 | 303.2871528 | Deploying | 2 | 6810 | 3.82 | 3.23 | 3.87 | 8.38 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 6:54 | 303.2875000 | Deploying | 2 | 6840 | 3.83 | 3.23 | 3.88 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:54 | 303.2875347 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:54 | 303.2878472 | Deploying | 2 | 6870 | 3.88 | 3.29 | 3.9 | 8.38 | 1978 | 1476 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:55 | 303.2881944 | Deploying | 2 | 6900 | 3.89 | 3.29 | 3.92 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:55 | 303.2885417 | Deploying | 2 | 6930 | 3.9 | 3.29 | 3.93 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:56 | 303.2888889 | Deploying | 2 | 6960 | 3.9 | 3.29 | 3.95 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 6:56 | 303.2890856 | Winding down 1628 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:56 | 303.2892361 | Deploying | 2 | 6990 | 3.92 | 3.35 | 3.97 | 8.37 | 2180 | 1558 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 6:57 | 303.2895833 | Deploying | 2 | 7020 | 3.96 | 3.35 | 3.99 | 8.38 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 6:57 | 303.2899306 | Deploying | 2 | 7050 | 3.96 | 3.35 | 4 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:58 | 303.2902778 | Deploying | 2 | 7080 | 3.96 | 3.35 | 4.02 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:58 | 303.2902894 | Winding down 1476 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:58 | 303.2906250 | Deploying | 2 | 7110 | 3.96 | 3.41 | 4.04 | 8.37 | 9 | 4 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 6:58 | 303.2906597 | Winding down 2005 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 6:59 | 303.2909722 | Deploying | 2 | 7140 | 4.03 | 3.48 | 4.05 | 8.38 | 2229 | 1562 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 6:59 | 303.2913194 | Deploying | 2 | 7170 | 4.04 | 3.48 | 4.07 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:00 | 303.2916667 | Deploying | 2 | 7200 | 4.04 | 3.48 | 4.09 | 8.38 | 0 | 0 | 0 | 4 | 5 | 5 | 5 |
| 10/29/2016 7:00 | 303.2918403 | Winding down 1575 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:00 | 303.2920139 | Deploying | 2 | 7230 | 4.06 | 3.54 | 4.1 | 8.37 | 1971 | 1324 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:01 | 303.2923611 | Deploying | 2 | 7260 | 4.12 | 3.54 | 4.12 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:01 | 303.2927083 | Deploying | 2 | 7290 | 4.1 | 3.54 | 4.14 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:02 | 303.2930556 | Deploying | 2 | 7320 | 4.11 | 3.54 | 4.16 | 8.35 | 0 | 0 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 7:02 | 303.2932870 | Winding down 1645 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:02 | 303.2934028 | Deploying | 2 | 7350 | 4.12 | 3.6 | 4.17 | 8.38 | 2064 | 1518 | 0 | 8 | 7 | 6 | 7 |
| 10/29/2016 7:03 | 303.2937500 | Deploying | 2 | 7380 | 4.17 | 3.6 | 4.19 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:03 | 303.2940972 | Deploying | 2 | 7410 | 4.18 | 3.6 | 4.21 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:04 | 303.2944444 | Deploying | 2 | 7440 | 4.17 | 3.6 | 4.22 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:04 | 303.2946296 | Winding down 1739 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:04 | 303.2947917 | Deploying | 2 | 7470 | 4.2 | 3.67 | 4.24 | 8.37 | 2080 | 1537 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:05 | 303.2951389 | Deploying | 2 | 7500 | 4.24 | 3.67 | 4.26 | 8.37 | 0 | 0 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 7:05 | 303.2954861 | Deploying | 2 | 7530 | 4.24 | 3.67 | 4.27 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:06 | 303.2958333 | Deploying | 2 | 7560 | 4.25 | 3.67 | 4.29 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:06 | 303.2961806 | Deploying | 2 | 7590 | 4.24 | 3.67 | 4.31 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:06 | 303.2962269 | Winding down 1769 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:07 | 303.2965278 | Deploying | 2 | 7620 | 4.3 | 3.74 | 4.33 | 8.4 | 2188 | 1563 | 0 | 4 | 7 | 5 | 7 |
| 10/29/2016 7:07 | 303.2968750 | Deploying | 2 | 7650 | 4.31 | 3.74 | 4.34 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:08 | 303.2972222 | Deploying | 2 | 7680 | 4.32 | 3.74 | 4.36 | 8.37 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 7:08 | 303.2974884 | Winding down 1363 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:08 | 303.2975694 | Deploying | 2 | 7710 | 4.33 | 3.79 | 4.38 | 8.35 | 2142 | 1530 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 7:09 | 303.2979167 | Deploying | 2 | 7740 | 4.37 | 3.79 | 4.39 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:09 | 303.2982639 | Deploying | 2 | 7770 | 4.37 | 3.79 | 4.41 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:10 | 303.2986111 | Deploying | 2 | 7800 | 4.38 | 3.79 | 4.43 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:10 | 303.2988773 | Winding down 1813 ticks | 3 | | | | | | | | | | | | |

| Date | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:10 | 303.2989583 | Deploying | 2 | 7830 | 4.38 | 3.86 | 4.44 | 8.38 | 2206 | 1452 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 7:11 | 303.2993056 | Deploying | 2 | 7860 | 4.44 | 3.86 | 4.46 | 8.38 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 7:11 | 303.2996528 | Deploying | 2 | 7890 | 4.44 | 3.86 | 4.48 | 8.35 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 7:12 | 303.3000000 | Deploying | 2 | 7920 | 4.44 | 3.86 | 4.5 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:12 | 303.3000926 | Winding down 1550 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:12 | 303.3003472 | Deploying | 2 | 7950 | 4.48 | 3.92 | 4.51 | 8.38 | 1676 | 1239 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 7:13 | 303.3006944 | Deploying | 2 | 7980 | 4.51 | 3.92 | 4.53 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:13 | 303.3010417 | Deploying | 2 | 8010 | 4.5 | 3.92 | 4.55 | 8.37 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:14 | 303.3013889 | Deploying | 2 | 8040 | 4.5 | 3.92 | 4.56 | 8.38 | 0 | 0 | 0 | 4 | 4 | 5 | 4 |
| 10/29/2016 7:14 | 303.3013889 | Winding down 1512 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:14 | 303.3017361 | Deploying | 2 | 8070 | 4.56 | 3.97 | 4.58 | 8.35 | 2071 | 1434 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 7:15 | 303.3020833 | Deploying | 2 | 8100 | 4.56 | 3.97 | 4.6 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:15 | 303.3024306 | Deploying | 2 | 8130 | 4.56 | 3.97 | 4.61 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:16 | 303.3027778 | Deploying | 2 | 8160 | 4.58 | 3.97 | 4.63 | 8.37 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 7:16 | 303.3028356 | Winding down 1433 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:16 | 303.3031250 | Deploying | 2 | 8190 | 4.61 | 4.03 | 4.65 | 8.35 | 2013 | 1338 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:17 | 303.3034722 | Deploying | 2 | 8220 | 4.64 | 4.03 | 4.67 | 8.38 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:17 | 303.3038194 | Deploying | 2 | 8250 | 4.63 | 4.03 | 4.68 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:17 | 303.3040162 | Winding down 1778 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:18 | 303.3041667 | Deploying | 2 | 8280 | 4.65 | 4.1 | 4.7 | 8.37 | 1970 | 1492 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 7:18 | 303.3045139 | Deploying | 2 | 8310 | 4.7 | 4.1 | 4.72 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:19 | 303.3048611 | Deploying | 2 | 8340 | 4.69 | 4.1 | 4.73 | 8.35 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 7:19 | 303.3052083 | Deploying | 2 | 8370 | 4.71 | 4.1 | 4.75 | 8.38 | 0 | 0 | 0 | 4 | 5 | 5 | 5 |
| 10/29/2016 7:19 | 303.3054398 | Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:20 | 303.3055556 | Deploying | 2 | 8400 | 4.72 | 4.15 | 4.77 | 8.38 | 1873 | 1250 | 0 | 4 | 7 | 5 | 7 |
| 10/29/2016 7:20 | 303.3059028 | Deploying | 2 | 8430 | 4.77 | 4.15 | 4.78 | 8.4 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 7:21 | 303.3062500 | Deploying | 2 | 8460 | 4.77 | 4.15 | 4.8 | 8.4 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:21 | 303.3065972 | Deploying | 2 | 8490 | 4.77 | 4.15 | 4.82 | 8.37 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:21 | 303.3068981 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:22 | 303.3069444 | Deploying | 2 | 8520 | 4.78 | 4.21 | 4.84 | 8.35 | 2160 | 1528 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:22 | 303.3072917 | Deploying | 2 | 8550 | 4.83 | 4.21 | 4.85 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:23 | 303.3076389 | Deploying | 2 | 8580 | 4.83 | 4.21 | 4.87 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:23 | 303.3079861 | Deploying | 2 | 8610 | 4.83 | 4.21 | 4.89 | 8.35 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:23 | 303.3080903 | Winding down 1640 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:24 | 303.3083333 | Deploying | 2 | 8640 | 4.88 | 4.27 | 4.9 | 8.37 | 2212 | 1536 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:24 | 303.3086806 | Deploying | 2 | 8670 | 4.9 | 4.27 | 4.92 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:25 | 303.3090278 | Deploying | 2 | 8700 | 4.91 | 4.27 | 4.94 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:25 | 303.3093750 | Deploying | 2 | 8730 | 4.91 | 4.27 | 4.95 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:26 | 303.3097222 | Deploying | 2 | 8760 | 4.91 | 4.27 | 4.97 | 8.38 | 0 | 0 | 0 | 4 | 5 | 5 | 5 |
| 10/29/2016 7:26 | 303.3097338 | Winding down 1626 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:26 | 303.3100694 | Deploying | 2 | 8790 | 4.96 | 4.34 | 4.99 | 8.37 | 2164 | 1549 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 7:27 | 303.3104167 | Deploying | 2 | 8820 | 4.97 | 4.34 | 5.01 | 8.38 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:27 | 303.3107639 | Deploying | 2 | 8850 | 4.97 | 4.34 | 5.02 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:27 | 303.3109144 | Winding down 1621 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:28 | 303.3111111 | Deploying | 2 | 8880 | 5.01 | 4.4 | 5.04 | 8.38 | 2183 | 1566 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:28 | 303.3114583 | Deploying | 2 | 8910 | 5.03 | 4.4 | 5.06 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:29 | 303.3118056 | Deploying | 2 | 8940 | 5.02 | 4.4 | 5.07 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:29 | 303.3121065 | Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:29 | 303.3121528 | Deploying | 2 | 8970 | 5.04 | 4.45 | 5.09 | 8.37 | 1733 | 1217 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 7:30 | 303.3125000 | Deploying | 2 | 9000 | 5.1 | 4.45 | 5.11 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:30 | 303.3128472 | Deploying | 2 | 9030 | 5.1 | 4.45 | 5.12 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:31 | 303.3131944 | Deploying | 2 | 9060 | 5.1 | 4.45 | 5.14 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:31 | 303.3135417 | Deploying | 2 | 9090 | 5.1 | 4.45 | 5.16 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:31 | 303.3136574 | Winding down 1729 ticks | 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:32 | 303.3138889 | Deploying | 2 | 9120 | 5.14 | 4.52 | 5.18 | 8.37 | 2038 | 1530 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:32 | 303.3142361 | Deploying | 2 | 9150 | 5.17 | 4.52 | 5.19 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:33 | 303.3145833 | Deploying | 2 | 9180 | 5.18 | 4.52 | 5.21 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:33 | 303.3149306 | Deploying | 2 | 9210 | 5.17 | 4.52 | 5.23 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:33 | 303.3149653 | Winding down 1530 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:34 | 303.3152778 | Deploying | 2 | 9240 | 5.22 | 4.58 | 5.24 | 8.37 | 1963 | 1323 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:34 | 303.3156250 | Deploying | 2 | 9270 | 5.23 | 4.58 | 5.26 | 8.35 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 7:35 | 303.3159722 | Deploying | 2 | 9300 | 5.23 | 4.58 | 5.28 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:35 | 303.3163194 | Deploying | 2 | 9330 | 5.23 | 4.58 | 5.29 | 8.38 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:35 | 303.3163426 | Winding down 1590 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:36 | 303.3166667 | Deploying | 2 | 9360 | 5.3 | 4.64 | 5.31 | 8.37 | 1564 | 1259 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:36 | 303.3170139 | Deploying | 2 | 9390 | 5.3 | 4.64 | 5.33 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:37 | 303.3173611 | Deploying | 2 | 9420 | 5.31 | 4.64 | 5.35 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:37 | 303.3177083 | Deploying | 2 | 9450 | 5.29 | 4.64 | 5.36 | 8.35 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 7:37 | 303.3177662 | Winding down 1958 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:38 | 303.3180556 | Deploying | 2 | 9480 | 5.36 | 4.71 | 5.38 | 8.38 | 1623 | 1269 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:38 | 303.3184028 | Deploying | 2 | 9510 | 5.38 | 4.71 | 5.4 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:39 | 303.3187500 | Deploying | 2 | 9540 | 5.38 | 4.71 | 5.41 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:39 | 303.3190972 | Deploying | 2 | 9570 | 5.38 | 4.71 | 5.43 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:39 | 303.3194097 | Winding down 1620 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:40 | 303.3194444 | Deploying | 2 | 9600 | 5.39 | 4.77 | 5.45 | 8.37 | 2230 | 1556 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:40 | 303.3197917 | Deploying | 2 | 9630 | 5.45 | 4.77 | 5.46 | 8.35 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:41 | 303.3201389 | Deploying | 2 | 9660 | 5.45 | 4.77 | 5.48 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:41 | 303.3204861 | Deploying | 2 | 9690 | 5.45 | 4.77 | 5.5 | 8.4 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:41 | 303.3207639 | Winding down 1602 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:42 | 303.3208333 | Deploying | 2 | 9720 | 5.46 | 4.83 | 5.52 | 8.37 | 1917 | 1395 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:42 | 303.3211806 | Deploying | 2 | 9750 | 5.51 | 4.83 | 5.53 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:43 | 303.3215278 | Deploying | 2 | 9780 | 5.52 | 4.83 | 5.55 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:43 | 303.3218750 | Deploying | 2 | 9810 | 5.51 | 4.83 | 5.57 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:43 | 303.3220370 | Winding down 1585 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:44 | 303.3222222 | Deploying | 2 | 9840 | 5.56 | 4.89 | 5.58 | 8.37 | 2175 | 1538 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:44 | 303.3225694 | Deploying | 2 | 9870 | 5.58 | 4.89 | 5.6 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:45 | 303.3229167 | Deploying | 2 | 9900 | 5.59 | 4.89 | 5.62 | 8.38 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:45 | 303.3232639 | Deploying | 2 | 9930 | 5.58 | 4.89 | 5.63 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:45 | 303.3235185 | Winding down 1649 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:46 | 303.3236111 | Deploying | 2 | 9960 | 5.6 | 4.96 | 5.65 | 8.37 | 2028 | 1493 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:46 | 303.3239583 | Deploying | 2 | 9990 | 5.65 | 4.96 | 5.67 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:47 | 303.3243056 | Deploying | 2 | 10020 | 5.65 | 4.96 | 5.69 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:47 | 303.3246528 | Deploying | 2 | 10050 | 5.65 | 4.96 | 5.7 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:47 | 303.3247801 | Winding down 1518 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:48 | 303.3250000 | Deploying | 2 | 10080 | 5.69 | 5.01 | 5.72 | 8.37 | 1660 | 1238 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:48 | 303.3253472 | Deploying | 2 | 10110 | 5.71 | 5.01 | 5.74 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:49 | 303.3256944 | Deploying | 2 | 10140 | 5.71 | 5.01 | 5.75 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:49 | 303.3260417 | Deploying | 2 | 10170 | 5.72 | 5.01 | 5.77 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:49 | 303.3261227 | Winding down 1436 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:50 | 303.3263889 | Deploying | 2 | 10200 | 5.77 | 5.07 | 5.79 | 8.37 | 1643 | 1237 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:50 | 303.3267361 | Deploying | 2 | 10230 | 5.78 | 5.07 | 5.8 | 8.38 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:51 | 303.3270833 | Deploying | 2 | 10260 | 5.77 | 5.07 | 5.82 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:51 | 303.3274306 | Deploying | 2 | 10290 | 5.78 | 5.07 | 5.84 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:51 | 303.3275231 | Winding down 1625 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:52 | 303.3277778 | Deploying | 2 | 10320 | 5.82 | 5.13 | 5.86 | 8.33 | 2052 | 1523 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:52 | 303.3281250 | Deploying | 2 | 10350 | 5.84 | 5.13 | 5.87 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:53 | 303.3284722 | Deploying | 2 | 10380 | 5.84 | 5.13 | 5.89 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:53 | 303.3285764 | Winding down 1440 ticks | 3 | | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 7:53 | 303.3288194 | Deploying | 2 | 10410 | 5.88 | 5.19 | 5.91 | 8.37 | 2028 | 1523 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:54 | 303.3291667 | Deploying | 2 | 10440 | 5.91 | 5.19 | 5.92 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:54 | 303.3295139 | Deploying | 2 | 10470 | 5.9 | 5.19 | 5.94 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:55 | 303.3298611 | Deploying | 2 | 10500 | 5.9 | 5.19 | 5.96 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:55 | 303.3299306 | Winding down 1547 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:55 | 303.3302083 | Deploying | 2 | 10530 | 5.95 | 5.25 | 5.97 | 8.37 | 2136 | 1527 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:56 | 303.3305556 | Deploying | 2 | 10560 | 5.96 | 5.25 | 5.99 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:56 | 303.3309028 | Deploying | 2 | 10590 | 5.97 | 5.25 | 6.01 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:57 | 303.3312500 | Deploying | 2 | 10620 | 5.96 | 5.25 | 6.03 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:57 | 303.3313657 | Winding down 1804 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:57 | 303.3315972 | Deploying | 2 | 10650 | 6.01 | 5.31 | 6.04 | 8.35 | 1601 | 1286 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:58 | 303.3319444 | Deploying | 2 | 10680 | 6.04 | 5.31 | 6.06 | 8.38 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 7:58 | 303.3322917 | Deploying | 2 | 10710 | 6.03 | 5.31 | 6.08 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 7:59 | 303.3326389 | Deploying | 2 | 10740 | 6.04 | 5.31 | 6.09 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 7:59 | 303.3326736 | Winding down 1405 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 7:59 | 303.3329861 | Deploying | 2 | 10770 | 6.09 | 5.37 | 6.11 | 8.35 | 2164 | 1538 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:00 | 303.3333333 | Deploying | 2 | 10800 | 6.09 | 5.37 | 6.13 | 8.37 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:00 | 303.3336806 | Deploying | 2 | 10830 | 6.09 | 5.37 | 6.14 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:00 | 303.3339120 | Winding down 1520 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:01 | 303.3340278 | Deploying | 2 | 10860 | 6.11 | 5.43 | 6.16 | 8.35 | 1695 | 1392 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:01 | 303.3343750 | Deploying | 2 | 10890 | 6.16 | 5.43 | 6.18 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:02 | 303.3347222 | Deploying | 2 | 10920 | 6.15 | 5.43 | 6.2 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:02 | 303.3350694 | Deploying | 2 | 10950 | 6.15 | 5.43 | 6.21 | 8.33 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:02 | 303.3351968 | Winding down 1718 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:03 | 303.3354167 | Deploying | 2 | 10980 | 6.2 | 5.49 | 6.23 | 8.37 | 1998 | 1530 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:03 | 303.3357639 | Deploying | 2 | 11010 | 6.22 | 5.49 | 6.25 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:04 | 303.3361111 | Deploying | 2 | 11040 | 6.23 | 5.49 | 6.26 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:04 | 303.3364583 | Deploying | 2 | 11070 | 6.22 | 5.49 | 6.28 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:04 | 303.3364815 | Winding down 1615 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:05 | 303.3368056 | Deploying | 2 | 11100 | 6.29 | 5.55 | 6.3 | 8.37 | 2206 | 1553 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:05 | 303.3371528 | Deploying | 2 | 11130 | 6.29 | 5.55 | 6.31 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:06 | 303.3375000 | Deploying | 2 | 11160 | 6.3 | 5.55 | 6.33 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:06 | 303.3378472 | Deploying | 2 | 11190 | 6.3 | 5.55 | 6.35 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:06 | 303.3380671 | Winding down 1556 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:07 | 303.3381944 | Deploying | 2 | 11220 | 6.32 | 5.61 | 6.37 | 8.37 | 1931 | 1517 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:07 | 303.3385417 | Deploying | 2 | 11250 | 6.36 | 5.61 | 6.38 | 8.37 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:08 | 303.3388889 | Deploying | 2 | 11280 | 6.35 | 5.61 | 6.4 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:08 | 303.3391204 | Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:08 | 303.3392361 | Deploying | 2 | 11310 | 6.37 | 5.67 | 6.42 | 8.37 | 2025 | 1523 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:09 | 303.3395833 | Deploying | 2 | 11340 | 6.42 | 5.67 | 6.43 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:09 | 303.3399306 | Deploying | 2 | 11370 | 6.41 | 5.67 | 6.45 | 8.33 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:10 | 303.3402778 | Deploying | 2 | 11400 | 6.42 | 5.67 | 6.47 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:10 | 303.3405903 | Winding down 1745 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:10 | 303.3406250 | Deploying | 2 | 11430 | 6.42 | 5.74 | 6.48 | 8.33 | 2002 | 1532 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:11 | 303.3409722 | Deploying | 2 | 11460 | 6.48 | 5.74 | 6.5 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:11 | 303.3413194 | Deploying | 2 | 11490 | 6.49 | 5.74 | 6.52 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:12 | 303.3416667 | Deploying | 2 | 11520 | 6.48 | 5.74 | 6.54 | 8.38 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:12 | 303.3418056 | Winding down 1582 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:12 | 303.3420139 | Deploying | 2 | 11550 | 6.52 | 5.8 | 6.55 | 8.35 | 1975 | 1495 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:13 | 303.3423611 | Deploying | 2 | 11580 | 6.55 | 5.8 | 6.57 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:13 | 303.3427083 | Deploying | 2 | 11610 | 6.55 | 5.8 | 6.59 | 8.33 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:14 | 303.3430556 | Deploying | 2 | 11640 | 6.54 | 5.8 | 6.6 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:14 | 303.3431713 | Winding down 1679 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:14 | 303.3434028 | Deploying | 2 | 11670 | 6.61 | 5.86 | 6.62 | 8.33 | 2169 | 1557 | 0 | 5 | 5 | 5 | 5 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:15 | 303.3437500 | Deploying | 2 | 11700 | 6.62 | 5.86 | 6.64 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:15 | 303.3440972 | Deploying | 2 | 11730 | 6.62 | 5.86 | 6.65 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:16 | 303.3444444 | Deploying | 2 | 11760 | 6.62 | 5.86 | 6.67 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:16 | 303.3446759 | Winding down 1745 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:16 | 303.3447917 | Deploying | 2 | 11790 | 6.64 | 5.93 | 6.69 | 8.35 | 1686 | 1365 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:17 | 303.3451389 | Deploying | 2 | 11820 | 6.69 | 5.93 | 6.71 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:17 | 303.3454861 | Deploying | 2 | 11850 | 6.68 | 5.93 | 6.72 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:18 | 303.3458333 | Deploying | 2 | 11880 | 6.69 | 5.93 | 6.74 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:18 | 303.3459375 | Winding down 1540 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:18 | 303.3461806 | Deploying | 2 | 11910 | 6.73 | 5.99 | 6.76 | 8.37 | 1600 | 1265 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:19 | 303.3465278 | Deploying | 2 | 11940 | 6.76 | 5.99 | 6.77 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:19 | 303.3468750 | Deploying | 2 | 11970 | 6.75 | 5.99 | 6.79 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:20 | 303.3472222 | Deploying | 2 | 12000 | 6.75 | 5.99 | 6.81 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:20 | 303.3473380 | Winding down 1479 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:20 | 303.3475694 | Deploying | 2 | 12030 | 6.8 | 6.04 | 6.82 | 8.33 | 1815 | 1397 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:21 | 303.3479167 | Deploying | 2 | 12060 | 6.81 | 6.04 | 6.84 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:21 | 303.3482639 | Deploying | 2 | 12090 | 6.81 | 6.04 | 6.86 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:22 | 303.3486111 | Deploying | 2 | 12120 | 6.81 | 6.04 | 6.88 | 8.37 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:22 | 303.3486690 | Winding down 1708 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:22 | 303.3489583 | Deploying | 2 | 12150 | 6.87 | 6.11 | 6.89 | 8.33 | 1659 | 1362 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:23 | 303.3493056 | Deploying | 2 | 12180 | 6.87 | 6.11 | 6.91 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:23 | 303.3496528 | Deploying | 2 | 12210 | 6.88 | 6.11 | 6.93 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:23 | 303.3497685 | Winding down 1554 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:24 | 303.3500000 | Deploying | 2 | 12240 | 6.93 | 6.17 | 6.94 | 8.37 | 2051 | 1545 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:24 | 303.3503472 | Deploying | 2 | 12270 | 6.94 | 6.17 | 6.96 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:25 | 303.3506944 | Deploying | 2 | 12300 | 6.95 | 6.17 | 6.98 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:25 | 303.3510417 | Deploying | 2 | 12330 | 6.94 | 6.17 | 6.99 | 8.33 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:25 | 303.3512847 | Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:26 | 303.3513889 | Deploying | 2 | 12360 | 6.96 | 6.23 | 7.01 | 8.35 | 2131 | 1537 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:26 | 303.3517361 | Deploying | 2 | 12390 | 7 | 6.23 | 7.03 | 8.38 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:27 | 303.3520833 | Deploying | 2 | 12420 | 7.01 | 6.23 | 7.05 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:27 | 303.3524306 | Deploying | 2 | 12450 | 7.01 | 6.23 | 7.06 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:27 | 303.3526389 | Winding down 1667 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:28 | 303.3527778 | Deploying | 2 | 12480 | 7.03 | 6.3 | 7.08 | 8.37 | 1929 | 1317 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:28 | 303.3531250 | Deploying | 2 | 12510 | 7.07 | 6.3 | 7.1 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:29 | 303.3534722 | Deploying | 2 | 12540 | 7.08 | 6.3 | 7.11 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:29 | 303.3538194 | Deploying | 2 | 12570 | 7.07 | 6.3 | 7.13 | 8.37 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:29 | 303.3538889 | Winding down 1522 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:30 | 303.3541667 | Deploying | 2 | 12600 | 7.13 | 6.36 | 7.15 | 8.35 | 2181 | 1554 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:30 | 303.3545139 | Deploying | 2 | 12630 | 7.14 | 6.36 | 7.16 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:31 | 303.3548611 | Deploying | 2 | 12660 | 7.14 | 6.36 | 7.18 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:31 | 303.3552083 | Deploying | 2 | 12690 | 7.14 | 6.36 | 7.2 | 8.35 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:31 | 303.3553588 | Winding down 1696 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:32 | 303.3555556 | Deploying | 2 | 12720 | 7.17 | 6.42 | 7.22 | 8.33 | 1938 | 1494 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:32 | 303.3559028 | Deploying | 2 | 12750 | 7.2 | 6.42 | 7.23 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:33 | 303.3562500 | Deploying | 2 | 12780 | 7.19 | 6.42 | 7.25 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:33 | 303.3562500 | Winding down 1487 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:33 | 303.3565972 | Deploying | 2 | 12810 | 7.26 | 6.48 | 7.27 | 8.32 | 2202 | 1533 | 0 | 4 | 5 | 5 | 5 |
| 10/29/2016 8:34 | 303.3569444 | Deploying | 2 | 12840 | 7.26 | 6.48 | 7.28 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:34 | 303.3572917 | Deploying | 2 | 12870 | 7.27 | 6.48 | 7.3 | 8.33 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 8:35 | 303.3576389 | Deploying | 2 | 12900 | 7.26 | 6.48 | 7.32 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:35 | 303.3578125 | Winding down 1600 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:35 | 303.3579861 | Deploying | 2 | 12930 | 7.29 | 6.54 | 7.33 | 8.33 | 1994 | 1510 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 8:36 | 303.3583333 | Deploying | 2 | 12960 | 7.32 | 6.54 | 7.35 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:36 | 303.3586806 | Deploying | 2 | 12990 | 7.33 | 6.54 | 7.37 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:36 | 303.3590046 | Winding down 1484 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:37 | 303.3590278 | Deploying | 2 | 13020 | 7.33 | 6.6 | 7.39 | 8.3 | 1758 | 1372 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:37 | 303.3593750 | Deploying | 2 | 13050 | 7.39 | 6.6 | 7.4 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:38 | 303.3597222 | Deploying | 2 | 13080 | 7.39 | 6.6 | 7.42 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:38 | 303.3600694 | Deploying | 2 | 13110 | 7.38 | 6.6 | 7.44 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:38 | 303.3601852 | Winding down 1504 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:39 | 303.3604167 | Deploying | 2 | 13140 | 7.42 | 6.65 | 7.45 | 8.35 | 1821 | 1401 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:39 | 303.3607639 | Deploying | 2 | 13170 | 7.45 | 6.65 | 7.47 | 8.33 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:40 | 303.3611111 | Deploying | 2 | 13200 | 7.45 | 6.65 | 7.49 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:40 | 303.3614583 | Deploying | 2 | 13230 | 7.46 | 6.65 | 7.5 | 8.32 | 0 | 0 | 0 | 5 | 4 | 5 | 4 |
| 10/29/2016 8:40 | 303.3617593 | Winding down 1880 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:41 | 303.3618056 | Deploying | 2 | 13260 | 7.45 | 6.72 | 7.52 | 8.32 | 2002 | 1484 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:41 | 303.3621528 | Deploying | 2 | 13290 | 7.52 | 6.72 | 7.54 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:42 | 303.3625000 | Deploying | 2 | 13320 | 7.51 | 6.72 | 7.56 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:42 | 303.3628472 | Deploying | 2 | 13350 | 7.52 | 6.72 | 7.57 | 8.35 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:42 | 303.3629514 | Winding down 1615 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:43 | 303.3631944 | Deploying | 2 | 13380 | 7.55 | 6.79 | 7.59 | 8.35 | 2147 | 1533 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:43 | 303.3635417 | Deploying | 2 | 13410 | 7.58 | 6.79 | 7.61 | 8.35 | 0 | 0 | 0 | 4 | 5 | 5 | 5 |
| 10/29/2016 8:44 | 303.3638889 | Deploying | 2 | 13440 | 7.59 | 6.79 | 7.62 | 8.33 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 8:44 | 303.3641898 | Winding down 1555 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:44 | 303.3642361 | Deploying | 2 | 13470 | 7.58 | 6.85 | 7.64 | 8.32 | 1710 | 1370 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 8:45 | 303.3645833 | Deploying | 2 | 13500 | 7.65 | 6.85 | 7.66 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:45 | 303.3649306 | Deploying | 2 | 13530 | 7.65 | 6.85 | 7.67 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:46 | 303.3652778 | Deploying | 2 | 13560 | 7.64 | 6.85 | 7.69 | 8.32 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 8:46 | 303.3654398 | Winding down 1585 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:46 | 303.3656250 | Deploying | 2 | 13590 | 7.67 | 6.91 | 7.71 | 8.33 | 2051 | 1519 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:47 | 303.3659722 | Deploying | 2 | 13620 | 7.71 | 6.91 | 7.73 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:47 | 303.3663194 | Deploying | 2 | 13650 | 7.69 | 6.91 | 7.74 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:47 | 303.3664815 | Winding down 1335 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:48 | 303.3666667 | Deploying | 2 | 13680 | 7.73 | 6.96 | 7.76 | 8.35 | 1956 | 1501 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:48 | 303.3670139 | Deploying | 2 | 13710 | 7.77 | 6.96 | 7.78 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:49 | 303.3673611 | Deploying | 2 | 13740 | 7.75 | 6.96 | 7.79 | 8.32 | 0 | 0 | 0 | 4 | 7 | 5 | 7 |
| 10/29/2016 8:49 | 303.3677083 | Deploying | 2 | 13770 | 7.76 | 6.96 | 7.81 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:49 | 303.3680324 | Winding down 1934 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:50 | 303.3680556 | Deploying | 2 | 13800 | 7.76 | 7.03 | 7.83 | 8.3 | 2243 | 1547 | 0 | 7 | 6 | 5 | 6 |
| 10/29/2016 8:50 | 303.3684028 | Deploying | 2 | 13830 | 7.84 | 7.03 | 7.84 | 8.37 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:51 | 303.3687500 | Deploying | 2 | 13860 | 7.84 | 7.03 | 7.86 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:51 | 303.3690972 | Deploying | 2 | 13890 | 7.83 | 7.03 | 7.88 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:52 | 303.3694444 | Deploying | 2 | 13920 | 7.84 | 7.03 | 7.9 | 8.35 | 0 | 0 | 0 | 5 | 5 | 6 | 5 |
| 10/29/2016 8:52 | 303.3694792 | Winding down 1380 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:52 | 303.3697917 | Deploying | 2 | 13950 | 7.89 | 7.08 | 7.91 | 8.35 | 1820 | 1412 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:53 | 303.3701389 | Deploying | 2 | 13980 | 7.89 | 7.08 | 7.93 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:53 | 303.3704861 | Deploying | 2 | 14010 | 7.89 | 7.08 | 7.95 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:53 | 303.3706250 | Winding down 1607 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:54 | 303.3708333 | Deploying | 2 | 14040 | 7.93 | 7.15 | 7.96 | 8.32 | 1962 | 1459 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:54 | 303.3711806 | Deploying | 2 | 14070 | 7.95 | 7.15 | 7.98 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:55 | 303.3715278 | Deploying | 2 | 14100 | 7.97 | 7.15 | 8 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:55 | 303.3718750 | Deploying | 2 | 14130 | 7.96 | 7.15 | 8.01 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:55 | 303.3720718 | Winding down 1703 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 8:56 | 303.3722222 | Deploying | 2 | 14160 | 7.99 | 7.21 | 8.03 | 8.32 | 1979 | 1499 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 8:56 | 303.3725694 | Deploying | 2 | 14190 | 8.02 | 7.21 | 8.05 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:57 | 303.3729167 | Deploying | 2 | 14220 | 8.02 | 7.21 | 8.07 | 8.35 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:57 | 303.3732523 | Winding down 1698 ticks | 3 | | | | | | | | | | | |

| Date/Time | Value | Status | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 8:57 | 303.3732639 Deploying | 2 | 14250 | 8.02 | 7.28 | 8.08 | 8.33 | 2006 | 1521 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 8:58 | 303.3736111 Deploying | 2 | 14280 | 8.08 | 7.28 | 8.1 | 8.32 | 2006 | 56 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:58 | 303.3739583 Deploying | 2 | 14310 | 8.09 | 7.28 | 8.12 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 8:59 | 303.3743056 Deploying | 2 | 14340 | 8.09 | 7.28 | 8.13 | 8.33 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 8:59 | 303.3745949 Winding down 1591 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 8:59 | 303.3746528 Deploying | 2 | 14370 | 8.1 | 7.34 | 8.15 | 8.35 | 2001 | 1511 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:00 | 303.3750000 Deploying | 2 | 14400 | 8.15 | 7.34 | 8.17 | 8.33 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 9:00 | 303.3753472 Deploying | 2 | 14430 | 8.15 | 7.34 | 8.18 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:01 | 303.3756944 Deploying | 2 | 14460 | 8.14 | 7.34 | 8.2 | 8.33 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 9:01 | 303.3758333 Winding down 1832 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:01 | 303.3760417 Deploying | 2 | 14490 | 8.18 | 7.41 | 8.22 | 8.33 | 2015 | 1513 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:02 | 303.3763889 Deploying | 2 | 14520 | 8.21 | 7.41 | 8.24 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:02 | 303.3767361 Deploying | 2 | 14550 | 8.2 | 7.41 | 8.25 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:03 | 303.3770833 Deploying | 2 | 14580 | 8.22 | 7.41 | 8.27 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:03 | 303.3772222 Winding down 1257 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:03 | 303.3774306 Deploying | 2 | 14610 | 8.26 | 7.46 | 8.29 | 8.33 | 2236 | 1565 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:04 | 303.3777778 Deploying | 2 | 14640 | 8.27 | 7.46 | 8.3 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:04 | 303.3781250 Deploying | 2 | 14670 | 8.27 | 7.46 | 8.32 | 8.33 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 9:05 | 303.3784722 Deploying | 2 | 14700 | 8.28 | 7.46 | 8.34 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:05 | 303.3787153 Winding down 1710 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:05 | 303.3788194 Deploying | 2 | 14730 | 8.3 | 7.52 | 8.35 | 8.33 | 1509 | 1249 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 9:06 | 303.3791667 Deploying | 2 | 14760 | 8.34 | 7.52 | 8.37 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:06 | 303.3795139 Deploying | 2 | 14790 | 8.34 | 7.52 | 8.39 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:06 | 303.3797801 Winding down 1663 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:07 | 303.3798611 Deploying | 2 | 14820 | 8.34 | 7.59 | 8.41 | 8.32 | 1966 | 1512 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:07 | 303.3802083 Deploying | 2 | 14850 | 8.41 | 7.59 | 8.42 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:08 | 303.3805556 Deploying | 2 | 14880 | 8.41 | 7.59 | 8.44 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:08 | 303.3809028 Deploying | 2 | 14910 | 8.41 | 7.59 | 8.46 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:08 | 303.3812153 Winding down 1495 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:09 | 303.3812500 Deploying | 2 | 14940 | 8.42 | 7.64 | 8.47 | 8.32 | 2095 | 1438 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:09 | 303.3815972 Deploying | 2 | 14970 | 8.48 | 7.64 | 8.49 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:10 | 303.3819444 Deploying | 2 | 15000 | 8.47 | 7.64 | 8.51 | 8.33 | 0 | 0 | 0 | 4 | 5 | 5 | 5 |
| 10/29/2016 9:10 | 303.3822917 Deploying | 2 | 15030 | 8.46 | 7.64 | 8.52 | 8.35 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 9:10 | 303.3823380 Winding down 1819 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:11 | 303.3826389 Deploying | 2 | 15060 | 8.52 | 7.71 | 8.54 | 8.33 | 2084 | 1342 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:11 | 303.3829861 Deploying | 2 | 15090 | 8.53 | 7.71 | 8.56 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:12 | 303.3833333 Deploying | 2 | 15120 | 8.52 | 7.71 | 8.58 | 8.33 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 9:12 | 303.3834259 Winding down 1350 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:12 | 303.3836806 Deploying | 2 | 15150 | 8.57 | 7.76 | 8.59 | 8.32 | 1996 | 1523 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 9:13 | 303.3840278 Deploying | 2 | 15180 | 8.58 | 7.76 | 8.61 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:13 | 303.3843750 Deploying | 2 | 15210 | 8.57 | 7.76 | 8.63 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:13 | 303.3846644 Winding down 1466 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:14 | 303.3847222 Deploying | 2 | 15240 | 8.6 | 7.82 | 8.64 | 8.32 | 2222 | 1573 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 9:14 | 303.3850694 Deploying | 2 | 15270 | 8.65 | 7.82 | 8.66 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:15 | 303.3854167 Deploying | 2 | 15300 | 8.65 | 7.82 | 8.68 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:15 | 303.3857639 Deploying | 2 | 15330 | 8.66 | 7.82 | 8.69 | 8.33 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 9:16 | 303.3861111 Deploying | 2 | 15360 | 8.64 | 7.82 | 8.71 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:16 | 303.3862153 Winding down 2040 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:16 | 303.3864583 Deploying | 2 | 15390 | 8.7 | 7.9 | 8.73 | 8.32 | 1590 | 1283 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:17 | 303.3868056 Deploying | 2 | 15420 | 8.73 | 7.9 | 8.75 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:17 | 303.3871528 Deploying | 2 | 15450 | 8.73 | 7.9 | 8.76 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:18 | 303.3875000 Deploying | 2 | 15480 | 8.73 | 7.9 | 8.78 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:18 | 303.3877083 Winding down 1742 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:18 | 303.3878472 Deploying | 2 | 15510 | 8.75 | 7.97 | 8.8 | 8.3 | 1987 | 1508 | 0 | 6 | 5 | 5 | 5 |

| Date/Time | Value | State | | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 | Col9 | Col10 | Col11 | Col12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:19 | 303.3881944 | Deploying | | 2 | 15540 | 8.8 | 7.97 | 8.81 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:19 | 303.3885417 | Deploying | | 2 | 15570 | 8.79 | 7.97 | 8.83 | 8.35 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 9:20 | 303.3888889 | Deploying | | 2 | 15600 | 8.8 | 7.97 | 8.85 | 8.33 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:20 | 303.3891898 | Winding down 1830 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:20 | 303.3892361 | Deploying | | 2 | 15630 | 8.8 | 8.04 | 8.86 | 8.32 | 2205 | 1544 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:21 | 303.3895833 | Deploying | | 2 | 15660 | 8.87 | 8.04 | 8.88 | 8.33 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:21 | 303.3899306 | Deploying | | 2 | 15690 | 8.86 | 8.04 | 8.9 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:22 | 303.3902778 | Deploying | | 2 | 15720 | 8.87 | 8.04 | 8.92 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:22 | 303.3904282 | Winding down 1646 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:22 | 303.3906250 | Deploying | | 2 | 15750 | 8.9 | 8.1 | 8.93 | 8.32 | 2039 | 1530 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:23 | 303.3909722 | Deploying | | 2 | 15780 | 8.93 | 8.1 | 8.95 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:23 | 303.3913194 | Deploying | | 2 | 15810 | 8.94 | 8.1 | 8.97 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:24 | 303.3916667 | Deploying | | 2 | 15840 | 8.94 | 8.1 | 8.98 | 8.3 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 9:24 | 303.3920139 | Deploying | | 2 | 15870 | 8.94 | 8.1 | 9 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:24 | 303.3920486 | Winding down 1680 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:25 | 303.3923611 | Deploying | | 2 | 15900 | 9 | 8.16 | 9.02 | 8.33 | 2182 | 1543 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:25 | 303.3927083 | Deploying | | 2 | 15930 | 9 | 8.16 | 9.03 | 8.3 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 9:26 | 303.3930556 | Deploying | | 2 | 15960 | 9.01 | 8.16 | 9.05 | 8.32 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 9:26 | 303.3933681 | Winding down 1720 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:26 | 303.3934028 | Deploying | | 2 | 15990 | 9.01 | 8.23 | 9.07 | 8.32 | 2163 | 1406 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:27 | 303.3937500 | Deploying | | 2 | 16020 | 9.08 | 8.23 | 9.09 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:27 | 303.3940972 | Deploying | | 2 | 16050 | 9.07 | 8.23 | 9.1 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:28 | 303.3944444 | Deploying | | 2 | 16080 | 9.08 | 8.23 | 9.12 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:28 | 303.3947917 | Deploying | | 2 | 16110 | 9.07 | 8.23 | 9.14 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:28 | 303.3947917 | Winding down 1662 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:29 | 303.3951389 | Deploying | | 2 | 16140 | 9.13 | 8.29 | 9.15 | 8.32 | 2005 | 1492 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:29 | 303.3954861 | Deploying | | 2 | 16170 | 9.14 | 8.29 | 9.17 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:30 | 303.3958333 | Deploying | | 2 | 16200 | 9.15 | 8.29 | 9.19 | 8.3 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:30 | 303.3961806 | Deploying | | 2 | 16230 | 9.14 | 8.29 | 9.2 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:30 | 303.3962153 | Winding down 1655 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:31 | 303.3965278 | Deploying | | 2 | 16260 | 9.21 | 8.36 | 9.22 | 8.29 | 2040 | 1499 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:31 | 303.3968750 | Deploying | | 2 | 16290 | 9.19 | 8.36 | 9.24 | 8.32 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 9:32 | 303.3972222 | Deploying | | 2 | 16320 | 9.21 | 8.36 | 9.26 | 8.35 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:32 | 303.3972454 | Winding down 1315 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:32 | 303.3975694 | Deploying | | 2 | 16350 | 9.25 | 8.41 | 9.27 | 8.29 | 1908 | 1487 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:33 | 303.3979167 | Deploying | | 2 | 16380 | 9.26 | 8.41 | 9.29 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:33 | 303.3982639 | Deploying | | 2 | 16410 | 9.25 | 8.41 | 9.31 | 8.3 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:33 | 303.3984028 | Winding down 1557 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:34 | 303.3986111 | Deploying | | 2 | 16440 | 9.31 | 8.47 | 9.32 | 8.33 | 2205 | 1549 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:34 | 303.3989583 | Deploying | | 2 | 16470 | 9.33 | 8.47 | 9.34 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:35 | 303.3993056 | Deploying | | 2 | 16500 | 9.31 | 8.47 | 9.36 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:35 | 303.3996528 | Deploying | | 2 | 16530 | 9.32 | 8.47 | 9.37 | 8.3 | 0 | 0 | 0 | 4 | 5 | 4 | 5 |
| 10/29/2016 9:35 | 303.3997454 | Winding down 1400 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:36 | 303.4000000 | Deploying | | 2 | 16560 | 9.35 | 8.52 | 9.39 | 8.32 | 1698 | 1290 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 9:36 | 303.4003472 | Deploying | | 2 | 16590 | 9.37 | 8.52 | 9.41 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:37 | 303.4006944 | Deploying | | 2 | 16620 | 9.38 | 8.52 | 9.43 | 8.35 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:37 | 303.4010301 | Winding down 1773 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:37 | 303.4010417 | Deploying | | 2 | 16650 | 9.37 | 8.59 | 9.44 | 8.33 | 1759 | 1308 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:38 | 303.4013889 | Deploying | | 2 | 16680 | 9.45 | 8.59 | 9.46 | 8.32 | 1759 | 47 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:38 | 303.4017361 | Deploying | | 2 | 16710 | 9.45 | 8.59 | 9.48 | 8.33 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:39 | 303.4020833 | Deploying | | 2 | 16740 | 9.44 | 8.59 | 9.49 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:39 | 303.4021759 | Winding down 1600 ticks | | 3 | | | | | | | | | | | | |
| 10/29/2016 9:39 | 303.4024306 | Deploying | | 2 | 16770 | 9.49 | 8.65 | 9.51 | 8.32 | 1922 | 1505 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 9:40 | 303.4027778 | Deploying | | 2 | 16800 | 9.52 | 8.65 | 9.53 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 9:40 | 303.4031250 Deploying | 2 | 16830 | 9.52 | 8.65 | 9.54 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:41 | 303.4034722 Deploying | 2 | 16860 | 9.51 | 8.65 | 9.56 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:41 | 303.4037037 Winding down 1545 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:41 | 303.4038194 Deploying | 2 | 16890 | 9.53 | 8.71 | 9.58 | 8.29 | 1708 | 1392 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:42 | 303.4041667 Deploying | 2 | 16920 | 9.57 | 8.71 | 9.6 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:42 | 303.4045139 Deploying | 2 | 16950 | 9.57 | 8.71 | 9.61 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:43 | 303.4048611 Deploying | 2 | 16980 | 9.57 | 8.71 | 9.63 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:43 | 303.4049537 Winding down 1650 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:43 | 303.4052083 Deploying | 2 | 17010 | 9.63 | 8.77 | 9.65 | 8.3 | 2187 | 1552 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:44 | 303.4055556 Deploying | 2 | 17040 | 9.65 | 8.77 | 9.66 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:44 | 303.4059028 Deploying | 2 | 17070 | 9.63 | 8.77 | 9.68 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:45 | 303.4062500 Deploying | 2 | 17100 | 9.64 | 8.77 | 9.7 | 8.27 | 0 | 0 | 0 | 5 | 6 | 6 | 6 |
| 10/29/2016 9:45 | 303.4062500 Winding down 1487 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:45 | 303.4065972 Deploying | 2 | 17130 | 9.68 | 8.83 | 9.71 | 8.33 | 2168 | 1551 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 9:46 | 303.4069444 Deploying | 2 | 17160 | 9.69 | 8.83 | 9.73 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:46 | 303.4072917 Deploying | 2 | 17190 | 9.69 | 8.83 | 9.75 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:46 | 303.4075000 Winding down 1692 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:47 | 303.4076389 Deploying | 2 | 17220 | 9.71 | 8.89 | 9.77 | 8.29 | 1651 | 1259 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:47 | 303.4079861 Deploying | 2 | 17250 | 9.75 | 8.89 | 9.78 | 8.29 | 0 | 0 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 9:48 | 303.4083333 Deploying | 2 | 17280 | 9.74 | 8.89 | 9.8 | 8.3 | 0 | 0 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 9:48 | 303.4084144 Winding down 1411 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:48 | 303.4086806 Deploying | 2 | 17310 | 9.79 | 8.95 | 9.82 | 8.3 | 2091 | 1513 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 9:49 | 303.4090278 Deploying | 2 | 17340 | 9.81 | 8.95 | 9.83 | 8.32 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:49 | 303.4093750 Deploying | 2 | 17370 | 9.8 | 8.95 | 9.85 | 8.3 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:50 | 303.4097222 Deploying | 2 | 17400 | 9.81 | 8.95 | 9.87 | 8.29 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 9:50 | 303.4097338 Winding down 1476 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:50 | 303.4100694 Deploying | 2 | 17430 | 9.86 | 9.01 | 9.88 | 8.3 | 2206 | 1570 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:51 | 303.4104167 Deploying | 2 | 17460 | 9.85 | 9.01 | 9.9 | 8.29 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 9:51 | 303.4107176 Winding down 1780 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:51 | 303.4107639 Deploying | 2 | 17490 | 9.86 | 9.07 | 9.92 | 8.3 | 1888 | 1479 | 0 | 6 | 8 | 7 | 8 |
| 10/29/2016 9:52 | 303.4111111 Deploying | 2 | 17520 | 9.94 | 9.07 | 9.94 | 8.3 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 9:52 | 303.4114583 Deploying | 2 | 17550 | 9.94 | 9.07 | 9.95 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:53 | 303.4118056 Deploying | 2 | 17580 | 9.94 | 9.07 | 9.97 | 8.29 | 0 | 0 | 0 | 4 | 6 | 5 | 6 |
| 10/29/2016 9:53 | 303.4121528 Deploying | 2 | 17610 | 9.92 | 9.07 | 9.99 | 8.29 | 0 | 0 | 0 | 6 | 5 | 6 | 5 |
| 10/29/2016 9:53 | 303.4122222 Winding down 1672 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:54 | 303.4125000 Deploying | 2 | 17640 | 9.99 | 9.14 | 10 | 8.33 | 2223 | 1457 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:54 | 303.4128472 Deploying | 2 | 17670 | 10 | 9.14 | 10.02 | 8.32 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:55 | 303.4131944 Deploying | 2 | 17700 | 10.02 | 9.14 | 10.04 | 8.32 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:55 | 303.4135417 Deploying | 2 | 17730 | 10.02 | 9.14 | 10.05 | 8.3 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:56 | 303.4138889 Deploying | 2 | 17760 | 10.01 | 9.14 | 10.07 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:56 | 303.4139583 Winding down 1672 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:56 | 303.4142361 Deploying | 2 | 17790 | 10.07 | 9.2 | 10.09 | 8.3 | 2148 | 1548 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 9:57 | 303.4145833 Deploying | 2 | 17820 | 10.09 | 9.2 | 10.11 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:57 | 303.4149306 Deploying | 2 | 17850 | 10.08 | 9.2 | 10.12 | 8.27 | 0 | 0 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 9:58 | 303.4152778 Deploying | 2 | 17880 | 10.11 | 9.2 | 10.14 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 9:58 | 303.4156250 Deploying | 2 | 17910 | 10.09 | 9.2 | 10.16 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 9:58 | 303.4158681 Winding down 2110 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 9:59 | 303.4159722 Deploying | 2 | 17940 | 10.12 | 9.28 | 10.17 | 8.29 | 2175 | 1539 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 9:59 | 303.4163194 Deploying | 2 | 17970 | 10.18 | 9.28 | 10.19 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:00 | 303.4166667 Deploying | 2 | 18000 | 10.18 | 9.28 | 10.21 | 8.3 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:00 | 303.4170139 Deploying | 2 | 18030 | 10.19 | 9.28 | 10.22 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:01 | 303.4173611 Deploying | 2 | 18060 | 10.19 | 9.28 | 10.24 | 8.29 | 0 | 0 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 10:01 | 303.4175000 Winding down 1532 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:01 | 303.4177083 Deploying | 2 | 18090 | 10.22 | 9.34 | 10.26 | 8.29 | 2202 | 1558 | 0 | 5 | 5 | 5 | 5 |

| Date/Time | Value | Status | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:02 | 303.4180556 | Deploying | 2 | 18120 | 10.25 | 9.34 | 10.28 | 8.29 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 10:02 | 303.4184028 | Deploying | 2 | 18150 | 10.26 | 9.34 | 10.29 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:03 | 303.4187500 | Deploying | 2 | 18180 | 10.25 | 9.34 | 10.31 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:03 | 303.4188079 | Winding down 1558 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:03 | 303.4190972 | Deploying | 2 | 18210 | 10.28 | 9.4 | 10.33 | 8.29 | 2104 | 1540 | 0 | 7 | 6 | 6 | 6 |
| 10/29/2016 10:04 | 303.4194444 | Deploying | 2 | 18240 | 10.3 | 9.4 | 10.34 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:04 | 303.4197454 | Winding down 1605 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:04 | 303.4197917 | Deploying | 2 | 18270 | 10.3 | 9.46 | 10.36 | 8.29 | 2031 | 1493 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:05 | 303.4201389 | Deploying | 2 | 18300 | 10.37 | 9.46 | 10.38 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:05 | 303.4204861 | Deploying | 2 | 18330 | 10.36 | 9.46 | 10.39 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 10:06 | 303.4208333 | Deploying | 2 | 18360 | 10.36 | 9.46 | 10.41 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 10:06 | 303.4210648 | Winding down 1795 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:06 | 303.4211806 | Deploying | 2 | 18390 | 10.37 | 9.53 | 10.43 | 8.29 | 2167 | 1485 | 0 | 5 | 7 | 6 | 7 |
| 10/29/2016 10:07 | 303.4215278 | Deploying | 2 | 18420 | 10.43 | 9.53 | 10.45 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:07 | 303.4218750 | Deploying | 2 | 18450 | 10.43 | 9.53 | 10.46 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 10:08 | 303.4222222 | Deploying | 2 | 18480 | 10.43 | 9.53 | 10.48 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:08 | 303.4224653 | Winding down 1360 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:08 | 303.4225694 | Deploying | 2 | 18510 | 10.46 | 9.59 | 10.5 | 8.3 | 1937 | 1503 | 0 | 6 | 7 | 6 | 7 |
| 10/29/2016 10:09 | 303.4229167 | Deploying | 2 | 18540 | 10.49 | 9.59 | 10.51 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:09 | 303.4232639 | Deploying | 2 | 18570 | 10.49 | 9.59 | 10.53 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 10:10 | 303.4236111 | Deploying | 2 | 18600 | 10.51 | 9.59 | 10.55 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:10 | 303.4239583 | Deploying | 2 | 18630 | 10.51 | 9.59 | 10.56 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:10 | 303.4242361 | Winding down 1727 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:11 | 303.4243056 | Deploying | 2 | 18660 | 10.52 | 9.65 | 10.58 | 8.27 | 1719 | 1381 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:11 | 303.4246528 | Deploying | 2 | 18690 | 10.57 | 9.65 | 10.6 | 8.27 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 10:12 | 303.4250000 | Deploying | 2 | 18720 | 10.57 | 9.65 | 10.62 | 8.29 | 0 | 0 | 0 | 5 | 8 | 6 | 8 |
| 10/29/2016 10:12 | 303.4252662 | Winding down 1313 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:12 | 303.4253472 | Deploying | 2 | 18750 | 10.58 | 9.7 | 10.63 | 8.3 | 1752 | 1274 | 0 | 5 | 7 | 5 | 7 |
| 10/29/2016 10:13 | 303.4256944 | Deploying | 2 | 18780 | 10.64 | 9.7 | 10.65 | 8.3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 10:13 | 303.4260417 | Deploying | 2 | 18810 | 10.63 | 9.7 | 10.67 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:14 | 303.4263889 | Deploying | 2 | 18840 | 10.61 | 9.7 | 10.68 | 8.29 | 0 | 0 | 0 | 6 | 6 | 5 | 6 |
| 10/29/2016 10:14 | 303.4264468 | Winding down 1733 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:14 | 303.4267361 | Deploying | 2 | 18870 | 10.66 | 9.77 | 10.7 | 8.29 | 2053 | 1446 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:15 | 303.4270833 | Deploying | 2 | 18900 | 10.69 | 9.77 | 10.72 | 8.29 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 10:15 | 303.4274306 | Deploying | 2 | 18930 | 10.7 | 9.77 | 10.73 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:15 | 303.4277431 | Winding down 1695 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:16 | 303.4277778 | Deploying | 2 | 18960 | 10.69 | 9.84 | 10.75 | 8.25 | 1834 | 1407 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:16 | 303.4281250 | Deploying | 2 | 18990 | 10.77 | 9.84 | 10.77 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:17 | 303.4284722 | Deploying | 2 | 19020 | 10.77 | 9.84 | 10.79 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:17 | 303.4288194 | Deploying | 2 | 19050 | 10.77 | 9.84 | 10.8 | 8.3 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:18 | 303.4291667 | Deploying | 2 | 19080 | 10.76 | 9.84 | 10.82 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:18 | 303.4293519 | Winding down 1589 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:18 | 303.4295139 | Deploying | 2 | 19110 | 10.79 | 9.9 | 10.84 | 8.27 | 2215 | 1564 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:19 | 303.4298611 | Deploying | 2 | 19140 | 10.82 | 9.9 | 10.85 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:19 | 303.4302083 | Deploying | 2 | 19170 | 10.83 | 9.9 | 10.87 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:20 | 303.4305556 | Deploying | 2 | 19200 | 10.84 | 9.9 | 10.89 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:20 | 303.4306829 | Winding down 1293 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:20 | 303.4309028 | Deploying | 2 | 19230 | 10.87 | 9.95 | 10.9 | 8.29 | 1956 | 1475 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 10:21 | 303.4312500 | Deploying | 2 | 19260 | 10.87 | 9.95 | 10.92 | 8.25 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 10:21 | 303.4315972 | Deploying | 2 | 19290 | 10.87 | 9.95 | 10.94 | 8.29 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:21 | 303.4316204 | Winding down 1740 ticks | 3 | | | | | | | | | | | | |
| 10/29/2016 10:22 | 303.4319444 | Deploying | 2 | 19320 | 10.93 | 10.01 | 10.96 | 8.29 | 1748 | 1393 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 10:22 | 303.4322917 | Deploying | 2 | 19350 | 10.94 | 10.01 | 10.97 | 8.3 | 0 | 0 | 0 | 6 | 5 | 5 | 5 |
| 10/29/2016 10:23 | 303.4326389 | Deploying | 2 | 19380 | 10.95 | 10.01 | 10.99 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |

| Date | Value | Description | State | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:23 | 303.4329514 | Winding down 1745 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:23 | 303.4329861 | Deploying | 2 | 19410 | 10.94 | 10.08 | 11.01 | 8.27 | 1601 | 1302 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:24 | 303.4333333 | Deploying | 2 | 19440 | 11.02 | 10.08 | 11.02 | 8.27 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:24 | 303.4336806 | Deploying | 2 | 19470 | 11.03 | 10.08 | 11.04 | 8.3 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:25 | 303.4340278 | Deploying | 2 | 19500 | 11.02 | 10.08 | 11.06 | 8.27 | 0 | 0 | 0 | 5 | 6 | 5 | 6 |
| 10/29/2016 10:25 | 303.4343750 | Deploying | 2 | 19530 | 11.03 | 10.08 | 11.07 | 8.29 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:25 | 303.4346875 | Winding down 1670 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:26 | 303.4347222 | Deploying | 2 | 19560 | 11.03 | 10.14 | 11.09 | 8.27 | 2154 | 1543 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:26 | 303.4350694 | Deploying | 2 | 19590 | 11.1 | 10.14 | 11.11 | 8.25 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 10/29/2016 10:27 | 303.4354167 | Deploying | 2 | 19620 | 11.09 | 10.14 | 11.13 | 8.29 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 10:27 | 303.4357639 | Deploying | 2 | 19650 | 11.09 | 10.14 | 11.14 | 8.27 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| 10/29/2016 10:27 | 303.4359606 | Winding down 1753 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:27 | 303.4360764 | Probe hit seabed | 4 | | | | | | | | | | | |
| 10/29/2016 10:27 | 303.4360764 | State 4 (REWIND) | 5 | | | | | | | | | | | |
| 10/29/2016 10:27 | 303.4360995 | Winding up 1450 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4361111 | Rewinding | 5 | 19677 | 11.11 | 10.16 | 11.05 | 8.19 | 1002 | 637 | | | | | |
| 10/29/2016 10:28 | 303.4361227 | Winding up 2725 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4361574 | Winding up 4425 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4362153 | Winding up 6875 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4362963 | Winding up 8975 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4364120 | Winding up 9025 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4364583 | Rewinding | 5 | 19677 | 10.61 | 8.92 | 10.3 | 8.16 | 1099 | 776 | | | | | |
| 10/29/2016 10:28 | 303.4365278 | Winding up 6850 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4366088 | Winding up 5150 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4366782 | Winding up 3675 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4367245 | Winding up 2650 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4367593 | Winding up 2025 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:28 | 303.4367940 | Winding up 1250 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4368056 | Rewinding | 5 | 19677 | 9.57 | 8.09 | 9.55 | 8.24 | 1115 | 790 | | | | | |
| 10/29/2016 10:29 | 303.4370023 | Winding up 1425 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4370255 | Winding up 2025 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4370602 | Winding up 2875 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4370949 | Winding up 3699 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4371412 | Winding up 4850 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4371528 | Rewinding | 5 | 19677 | 8.98 | 7.52 | 8.8 | 8.25 | 1031 | 788 | | | | | |
| 10/29/2016 10:29 | 303.4371991 | Winding up 5825 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4372685 | Winding up 5949 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4373380 | Winding up 5175 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4374074 | Winding up 3700 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4374537 | Winding up 2650 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:29 | 303.4374884 | Winding up 1825 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4375000 | Rewinding | 5 | 19677 | 8.09 | 6.56 | 8.05 | 8.21 | 1111 | 768 | | | | | |
| 10/29/2016 10:30 | 303.4375116 | Winding up 1300 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4377315 | Winding up 1375 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4377546 | Winding up 1875 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4377778 | Winding up 2475 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4378125 | Winding up 3300 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4378472 | Rewinding | 5 | 19677 | 7.45 | 6.17 | 7.3 | 8.13 | 1129 | 799 | | | | | |
| 10/29/2016 10:30 | 303.4378588 | Winding up 4450 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4379167 | Winding up 5700 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4379861 | Winding up 6450 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4380671 | Winding up 5525 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:30 | 303.4381366 | Winding up 4125 ticks | 3 | | | | | | | | | | | |
| 10/29/2016 10:31 | 303.4381944 | Rewinding | 5 | 19677 | 6.64 | 5.17 | 6.55 | 8.11 | 1125 | 91 | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/29/2016 10:31 | 303.4381944 Winding up 2700 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4382292 Winding up 1925 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4382523 Winding up 1375 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4384722 Winding up 1450 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4384954 Winding up 2050 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4385301 Winding up 3025 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4385417 Rewinding | 5 | 19677 | 5.91 | 4.69 | 5.8 | 8.22 | 1134 | 804 | |
| 10/29/2016 10:31 | 303.4385764 Winding up 4225 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4386343 Winding up 5825 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4387037 Winding up 6775 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4387847 Winding up 6300 ticks | 3 | | | | | | | | |
| 10/29/2016 10:31 | 303.4388657 Winding up 4600 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4388889 Rewinding | 5 | 19677 | 5.19 | 3.63 | 5.05 | 8.13 | 1131 | 816 | |
| 10/29/2016 10:32 | 303.4389236 Winding up 3125 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4389699 Winding up 1750 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4392014 Winding up 1475 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4392245 Winding up 1975 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4392361 Rewinding | 5 | 19677 | 4.37 | 3.32 | 4.3 | 8.21 | 1106 | 760 | |
| 10/29/2016 10:32 | 303.4392593 Winding up 2800 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4392940 Winding up 3825 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4393403 Winding up 5100 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4394097 Winding up 6200 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4394907 Winding up 6175 ticks | 3 | | | | | | | | |
| 10/29/2016 10:32 | 303.4395718 Winding up 4775 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4395833 Rewinding | 5 | 19677 | 3.71 | 2.22 | 3.55 | 8.25 | 1130 | 813 | |
| 10/29/2016 10:33 | 303.4396296 Winding up 3525 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4396759 Winding up 2375 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4397106 Winding up 1750 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4397338 Winding up 1375 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4399306 Rewinding | 5 | 19677 | 2.81 | 1.88 | 2.8 | 8.24 | 1133 | 785 | |
| 10/29/2016 10:33 | 303.4399537 Winding up 1250 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4399769 Winding up 1800 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4400000 Winding up 2500 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4400347 Winding up 3350 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4400810 Winding up 4500 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4401389 Winding up 5650 ticks | 3 | | | | | | | | |
| 10/29/2016 10:33 | 303.4402083 Winding up 6275 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4402778 Rewinding | 5 | 19677 | 2.26 | 0.92 | 2.05 | 8.13 | 1110 | 756 | |
| 10/29/2016 10:34 | 303.4402894 Winding up 5600 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4403588 Winding up 4025 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4404167 Winding up 2725 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4404514 Winding up 2050 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4404861 Winding up 1375 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4406250 Rewinding | 5 | 19677 | 1.29 | 0.33 | 1.3 | 8.22 | 1135 | 820 | |
| 10/29/2016 10:34 | 303.4406944 Winding up 1325 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4407176 Winding up 1850 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4407407 Winding up 2425 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4407755 Winding up 3200 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4408218 Winding up 4250 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4408796 Winding up 5400 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4409491 Winding up 6075 ticks | 3 | | | | | | | | |
| 10/29/2016 10:34 | 303.4409606 Winding up 6100 ticks | 3 | | | | | | | | |
| 10/29/2016 10:35 | 303.4409722 Rewinding | 5 | 19677 | 0.78 | -0.38 | 0.55 | 8.17 | 1149 | 944 | |
| 10/29/2016 10:35 | 303.4409722 Winding up 6175 ticks | 3 | | | | | | | | |

| | | | |
|---|---|---|---|
| 10/29/2016 10:35 | 303.4409838 | Winding up 6200 ticks | 3 |
| 10/29/2016 10:35 | 303.4409954 | Winding up 6250 ticks | 3 |
| 10/29/2016 10:35 | 303.4410069 | Winding up 6275 ticks | 3 |
| 10/29/2016 10:35 | 303.4410185 | Winding up 6350 ticks | 3 |
| 10/29/2016 10:35 | 303.4410301 | Winding up 6375 ticks | 3 |
| 10/29/2016 10:35 | 303.4410417 | Winding up 6450 ticks | 3 |
| 10/29/2016 10:35 | 303.4410532 | Overcurrent (motor jam) condition detected | 5 |
| 10/29/2016 10:35 | 303.4410532 | State 5 (FINISHED) | 5 |
| 10/29/2016 11:04 | 303.4617708 | Manual stop | 5 |
| 10/29/2016 11:04 | 303.4617708 | State 1 (IDLE) | 5 |

**Appendix E3. Sensor Data**

DPS1-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.373611 | 26.81 | 33.7254 | 302.457292 | 26.75 | 33.6318 | 302.540625 | 26.48 | 33.67 |
| 302.373958 | 26.81 | 33.6639 | 302.457639 | 26.74 | 33.6155 | 302.540972 | 26.48 | 33.7181 |
| 302.374306 | 26.83 | 33.6088 | 302.457986 | 26.74 | 33.6155 | 302.541319 | 26.46 | 33.6813 |
| 302.374653 | 26.83 | 33.5695 | 302.458333 | 26.74 | 33.6374 | 302.541667 | 26.48 | 33.67 |
| 302.375 | 26.84 | 33.5901 | 302.458681 | 26.74 | 33.6374 | 302.542014 | 26.49 | 33.6906 |
| 302.375347 | 26.85 | 33.5714 | 302.459028 | 26.74 | 33.6286 | 302.542361 | 26.49 | 33.6774 |
| 302.375694 | 26.85 | 33.5845 | 302.459375 | 26.74 | 33.6374 | 302.542708 | 26.49 | 33.7125 |
| 302.376042 | 26.85 | 33.5801 | 302.459722 | 26.75 | 33.6537 | 302.543056 | 26.48 | 33.6831 |
| 302.376389 | 26.85 | 33.5583 | 302.460069 | 26.74 | 33.6374 | 302.543403 | 26.46 | 33.6681 |
| 302.376736 | 26.85 | 33.5365 | 302.460417 | 26.75 | 33.6449 | 302.54375 | 26.46 | 33.7075 |
| 302.377083 | 26.87 | 33.5428 | 302.460764 | 26.74 | 33.6374 | 302.544097 | 26.48 | 33.6351 |
| 302.377431 | 26.85 | 33.567 | 302.461111 | 26.74 | 33.6725 | 302.544444 | 26.46 | 33.6725 |
| 302.377778 | 26.85 | 33.567 | 302.461458 | 26.74 | 33.6374 | 302.544792 | 26.46 | 33.7075 |
| 302.378125 | 26.85 | 33.567 | 302.461806 | 26.74 | 33.6155 | 302.545139 | 26.45 | 33.7 |
| 302.378472 | 26.84 | 33.5465 | 302.462153 | 26.74 | 33.6462 | 302.545486 | 26.46 | 33.6725 |
| 302.378819 | 26.85 | 33.5409 | 302.4625 | 26.74 | 33.6505 | 302.545833 | 26.45 | 33.652 |
| 302.379167 | 26.84 | 33.6164 | 302.462847 | 26.71 | 33.6893 | 302.546181 | 26.44 | 33.6969 |
| 302.379514 | 26.84 | 33.5421 | 302.463194 | 26.71 | 33.6542 | 302.546528 | 26.44 | 33.6576 |
| 302.379861 | 26.83 | 33.5826 | 302.463542 | 26.71 | 33.6324 | 302.546875 | 26.44 | 33.7013 |
| 302.380208 | 26.83 | 33.587 | 302.463889 | 26.72 | 33.6486 | 302.547222 | 26.44 | 33.6838 |
| 302.380556 | 26.83 | 33.5826 | 302.464236 | 26.72 | 33.6486 | 302.547569 | 26.44 | 33.6925 |
| 302.380903 | 26.83 | 33.5826 | 302.464583 | 26.72 | 33.6136 | 302.547917 | 26.42 | 33.6907 |
| 302.38125 | 26.84 | 33.577 | 302.464931 | 26.74 | 33.6462 | 302.548264 | 26.42 | 33.6951 |
| 302.381597 | 26.83 | 33.539 | 302.465278 | 26.75 | 33.6187 | 302.548611 | 26.41 | 33.7008 |
| 302.381944 | 26.85 | 33.5583 | 302.465625 | 26.74 | 33.6024 | 302.548958 | 26.42 | 33.6951 |
| 302.382292 | 26.88 | 33.5547 | 302.465972 | 26.74 | 33.6374 | 302.549306 | 26.42 | 33.7038 |
| 302.382639 | 26.88 | 33.5198 | 302.466319 | 26.74 | 33.6024 | 302.549653 | 26.42 | 33.7082 |
| 302.382986 | 26.88 | 33.5416 | 302.466667 | 26.74 | 33.6462 | 302.55 | 26.42 | 33.717 |
| 302.383333 | 26.88 | 33.5329 | 302.467014 | 26.74 | 33.5893 | 302.550347 | 26.41 | 33.7358 |
| 302.383681 | 26.9 | 33.4826 | 302.467361 | 26.74 | 33.6286 | 302.550694 | 26.41 | 33.7358 |
| 302.384028 | 26.9 | 33.5435 | 302.467708 | 26.74 | 33.6243 | 302.551042 | 26.41 | 33.7139 |
| 302.384375 | 26.9 | 33.5653 | 302.468056 | 26.74 | 33.6024 | 302.551389 | 26.41 | 33.6876 |
| 302.384722 | 26.91 | 33.49 | 302.468403 | 26.74 | 33.6374 | 302.551736 | 26.41 | 33.6876 |
| 302.385069 | 26.87 | 33.5254 | 302.46875 | 26.74 | 33.5893 | 302.552083 | 26.41 | 33.7139 |
| 302.385417 | 26.9 | 33.5173 | 302.469097 | 26.75 | 33.6099 | 302.552431 | 26.41 | 33.6876 |
| 302.385764 | 26.9 | 33.5173 | 302.469444 | 26.75 | 33.6187 | 302.552778 | 26.41 | 33.7008 |
| 302.386111 | 26.91 | 33.5248 | 302.469792 | 26.74 | 33.6155 | 302.553125 | 26.39 | 33.7121 |
| 302.386458 | 26.9 | 33.5086 | 302.470139 | 26.74 | 33.5893 | 302.553472 | 26.39 | 33.7121 |
| 302.386806 | 26.9 | 33.5304 | 302.470486 | 26.74 | 33.6112 | 302.553819 | 26.39 | 33.664 |
| 302.387153 | 26.91 | 33.5248 | 302.470833 | 26.72 | 33.6486 | 302.554167 | 26.39 | 33.6989 |
| 302.3875 | 26.91 | 33.5248 | 302.471181 | 26.71 | 33.6542 | 302.554514 | 26.39 | 33.7252 |
| 302.387847 | 26.91 | 33.5336 | 302.471528 | 26.7 | 33.6599 | 302.554861 | 26.39 | 33.734 |
| 302.388194 | 26.91 | 33.477 | 302.471875 | 26.68 | 33.6843 | 302.555208 | 26.39 | 33.734 |
| 302.388542 | 26.91 | 33.5118 | 302.472222 | 26.71 | 33.6542 | 302.555556 | 26.39 | 33.7121 |
| 302.388889 | 26.91 | 33.5118 | 302.472569 | 26.68 | 33.693 | 302.555903 | 26.39 | 33.7121 |
| 302.389236 | 26.93 | 33.5355 | 302.472917 | 26.7 | 33.6862 | 302.55625 | 26.39 | 33.7121 |
| 302.389583 | 26.9 | 33.5522 | 302.473264 | 26.68 | 33.6974 | 302.556597 | 26.39 | 33.7471 |
| 302.389931 | 26.9 | 33.5043 | 302.473611 | 26.68 | 33.6974 | 302.556944 | 26.39 | 33.7121 |
| 302.390278 | 26.9 | 33.5173 | 302.473958 | 26.68 | 33.6361 | 302.557292 | 26.39 | 33.7252 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.390625 | 26.88 | 33.5503 | 302.474306 | 26.68 | 33.6623 | 302.557639 | 26.39 | 33.7121 |
| 302.390972 | 26.85 | 33.554 | 302.474653 | 26.68 | 33.6843 | 302.557986 | 26.39 | 33.6771 |
| 302.391319 | 26.84 | 33.5857 | 302.475 | 26.67 | 33.6636 | 302.558333 | 26.41 | 33.7489 |
| 302.391667 | 26.85 | 33.6151 | 302.475347 | 26.68 | 33.6405 | 302.558681 | 26.41 | 33.7489 |
| 302.392014 | 26.83 | 33.5782 | 302.475694 | 26.67 | 33.6899 | 302.559028 | 26.41 | 33.7008 |
| 302.392361 | 26.84 | 33.5945 | 302.476042 | 26.67 | 33.6548 | 302.559375 | 26.41 | 33.7139 |
| 302.392708 | 26.83 | 33.6263 | 302.476389 | 26.67 | 33.6417 | 302.559722 | 26.41 | 33.7226 |
| 302.393056 | 26.84 | 33.5857 | 302.476736 | 26.68 | 33.7062 | 302.560069 | 26.39 | 33.734 |
| 302.393403 | 26.87 | 33.569 | 302.477083 | 26.67 | 33.6548 | 302.560417 | 26.41 | 33.7095 |
| 302.39375 | 26.87 | 33.5559 | 302.477431 | 26.67 | 33.6417 | 302.560764 | 26.41 | 33.6745 |
| 302.394097 | 26.87 | 33.5428 | 302.477778 | 26.68 | 33.6492 | 302.561111 | 26.41 | 33.7008 |
| 302.394444 | 26.87 | 33.5472 | 302.478125 | 26.67 | 33.6767 | 302.561458 | 26.41 | 33.7008 |
| 302.394792 | 26.87 | 33.569 | 302.478472 | 26.67 | 33.6417 | 302.561806 | 26.41 | 33.6876 |
| 302.395139 | 26.87 | 33.5559 | 302.478819 | 26.67 | 33.6548 | 302.562153 | 26.41 | 33.7008 |
| 302.395486 | 26.84 | 33.5508 | 302.479167 | 26.67 | 33.6636 | 302.5625 | 26.41 | 33.6876 |
| 302.395833 | 26.83 | 33.6263 | 302.479514 | 26.67 | 33.6636 | 302.562847 | 26.41 | 33.7095 |
| 302.396181 | 26.83 | 33.5782 | 302.479861 | 26.67 | 33.6548 | 302.563194 | 26.41 | 33.7008 |
| 302.396528 | 26.83 | 33.5695 | 302.480208 | 26.67 | 33.633 | 302.563542 | 26.41 | 33.6658 |
| 302.396875 | 26.81 | 33.5807 | 302.480556 | 26.67 | 33.668 | 302.563889 | 26.41 | 33.7139 |
| 302.397222 | 26.78 | 33.6062 | 302.480903 | 26.67 | 33.6636 | 302.564236 | 26.42 | 33.6951 |
| 302.397569 | 26.8 | 33.5819 | 302.48125 | 26.67 | 33.6636 | 302.564583 | 26.44 | 33.7057 |
| 302.397917 | 26.81 | 33.5676 | 302.481597 | 26.65 | 33.6529 | 302.564931 | 26.44 | 33.6707 |
| 302.398264 | 26.8 | 33.595 | 302.481944 | 26.67 | 33.6548 | 302.565278 | 26.44 | 33.7188 |
| 302.398611 | 26.78 | 33.5844 | 302.482292 | 26.68 | 33.6623 | 302.565625 | 26.44 | 33.6838 |
| 302.398958 | 26.8 | 33.5819 | 302.482639 | 26.67 | 33.6286 | 302.565972 | 26.44 | 33.7057 |
| 302.399306 | 26.81 | 33.5763 | 302.482986 | 26.67 | 33.668 | 302.566319 | 26.45 | 33.6913 |
| 302.399653 | 26.75 | 33.6143 | 302.483333 | 26.67 | 33.6548 | 302.566667 | 26.45 | 33.7 |
| 302.4 | 26.75 | 33.6362 | 302.483681 | 26.67 | 33.7031 | 302.567014 | 26.46 | 33.7075 |
| 302.400347 | 26.77 | 33.6249 | 302.484028 | 26.67 | 33.6417 | 302.567361 | 26.46 | 33.7031 |
| 302.400694 | 26.77 | 33.6468 | 302.484375 | 26.67 | 33.6767 | 302.567708 | 26.46 | 33.6813 |
| 302.401042 | 26.75 | 33.6712 | 302.484722 | 26.65 | 33.6529 | 302.568056 | 26.46 | 33.6856 |
| 302.401389 | 26.77 | 33.5769 | 302.485069 | 26.65 | 33.6311 | 302.568403 | 26.46 | 33.7031 |
| 302.401736 | 26.77 | 33.6249 | 302.485417 | 26.65 | 33.6442 | 302.56875 | 26.46 | 33.6725 |
| 302.402083 | 26.77 | 33.59 | 302.485764 | 26.65 | 33.7012 | 302.569097 | 26.48 | 33.6962 |
| 302.402431 | 26.77 | 33.6249 | 302.486111 | 26.65 | 33.6661 | 302.569444 | 26.46 | 33.7075 |
| 302.402778 | 26.75 | 33.623 | 302.486458 | 26.67 | 33.6417 | 302.569792 | 26.46 | 33.6944 |
| 302.403125 | 26.74 | 33.6505 | 302.486806 | 26.65 | 33.6792 | 302.570139 | 26.46 | 33.6594 |
| 302.403472 | 26.75 | 33.6362 | 302.487153 | 26.65 | 33.6661 | 302.570486 | 26.45 | 33.6913 |
| 302.403819 | 26.75 | 33.6449 | 302.4875 | 26.65 | 33.6661 | 302.570833 | 26.45 | 33.6869 |
| 302.404167 | 26.78 | 33.6193 | 302.487847 | 26.65 | 33.6311 | 302.571181 | 26.44 | 33.6925 |
| 302.404514 | 26.78 | 33.5931 | 302.488194 | 26.65 | 33.6661 | 302.571528 | 26.45 | 33.6651 |
| 302.404861 | 26.78 | 33.5582 | 302.488542 | 26.65 | 33.6661 | 302.571875 | 26.44 | 33.6576 |
| 302.405208 | 26.77 | 33.59 | 302.488889 | 26.65 | 33.6792 | 302.572222 | 26.44 | 33.6838 |
| 302.405556 | 26.8 | 33.5732 | 302.489236 | 26.65 | 33.6792 | 302.572569 | 26.42 | 33.7038 |
| 302.405903 | 26.77 | 33.5987 | 302.489583 | 26.65 | 33.6442 | 302.572917 | 26.42 | 33.6689 |
| 302.40625 | 26.71 | 33.6455 | 302.489931 | 26.65 | 33.6529 | 302.573264 | 26.44 | 33.6794 |
| 302.406597 | 26.74 | 33.6199 | 302.490278 | 26.65 | 33.6661 | 302.573611 | 26.44 | 33.6925 |
| 302.406944 | 26.72 | 33.6311 | 302.490625 | 26.65 | 33.6792 | 302.573958 | 26.45 | 33.6651 |
| 302.407292 | 26.72 | 33.6399 | 302.490972 | 26.65 | 33.7012 | 302.574306 | 26.44 | 33.6707 |
| 302.407639 | 26.74 | 33.6199 | 302.491319 | 26.64 | 33.6586 | 302.574653 | 26.44 | 33.6576 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.407986 | 26.74 | 33.6418 | 302.491667 | 26.65 | 33.688 | 302.575 | 26.44 | 33.7057 |
| 302.408333 | 26.77 | 33.6249 | 302.492014 | 26.65 | 33.6398 | 302.575347 | 26.45 | 33.6956 |
| 302.408681 | 26.75 | 33.5881 | 302.492361 | 26.64 | 33.6805 | 302.575694 | 26.44 | 33.7057 |
| 302.409028 | 26.71 | 33.6236 | 302.492708 | 26.64 | 33.6805 | 302.576042 | 26.44 | 33.6489 |
| 302.409375 | 26.75 | 33.6362 | 302.493056 | 26.64 | 33.6586 | 302.576389 | 26.44 | 33.6838 |
| 302.409722 | 26.74 | 33.6199 | 302.493403 | 26.64 | 33.6936 | 302.576736 | 26.44 | 33.6707 |
| 302.410069 | 26.75 | 33.6012 | 302.49375 | 26.64 | 33.6849 | 302.577083 | 26.44 | 33.6925 |
| 302.410417 | 26.78 | 33.5975 | 302.494097 | 26.64 | 33.6805 | 302.577431 | 26.45 | 33.6651 |
| 302.410764 | 26.78 | 33.5713 | 302.494444 | 26.64 | 33.6805 | 302.577778 | 26.46 | 33.6725 |
| 302.411111 | 26.8 | 33.5863 | 302.494792 | 26.64 | 33.6849 | 302.578125 | 26.45 | 33.6782 |
| 302.411458 | 26.8 | 33.5732 | 302.495139 | 26.61 | 33.6317 | 302.578472 | 26.45 | 33.7088 |
| 302.411806 | 26.77 | 33.6031 | 302.495486 | 26.59 | 33.678 | 302.578819 | 26.45 | 33.6869 |
| 302.412153 | 26.72 | 33.6311 | 302.495833 | 26.58 | 33.6967 | 302.579167 | 26.44 | 33.7057 |
| 302.4125 | 26.74 | 33.5937 | 302.496181 | 26.58 | 33.7406 | 302.579514 | 26.42 | 33.682 |
| 302.412847 | 26.72 | 33.6267 | 302.496528 | 26.58 | 33.6836 | 302.579861 | 26.44 | 33.6925 |
| 302.413194 | 26.74 | 33.5937 | 302.496875 | 26.59 | 33.6648 | 302.580208 | 26.44 | 33.6838 |
| 302.413542 | 26.75 | 33.6362 | 302.497222 | 26.59 | 33.713 | 302.580556 | 26.44 | 33.6489 |
| 302.413889 | 26.72 | 33.5918 | 302.497569 | 26.59 | 33.6736 | 302.580903 | 26.44 | 33.6489 |
| 302.414236 | 26.72 | 33.6049 | 302.497917 | 26.59 | 33.6911 | 302.58125 | 26.44 | 33.6925 |
| 302.414583 | 26.71 | 33.6105 | 302.498264 | 26.59 | 33.6911 | 302.581597 | 26.44 | 33.6925 |
| 302.414931 | 26.71 | 33.6586 | 302.498611 | 26.61 | 33.6667 | 302.581944 | 26.45 | 33.6869 |
| 302.415278 | 26.7 | 33.6074 | 302.498958 | 26.61 | 33.6798 | 302.582292 | 26.45 | 33.6869 |
| 302.415625 | 26.71 | 33.6324 | 302.499306 | 26.61 | 33.6798 | 302.582639 | 26.45 | 33.6651 |
| 302.415972 | 26.71 | 33.6105 | 302.499653 | 26.61 | 33.6667 | 302.582986 | 26.45 | 33.6869 |
| 302.416319 | 26.68 | 33.6405 | 302.5 | 26.61 | 33.7018 | 302.583333 | 26.44 | 33.6925 |
| 302.416667 | 26.7 | 33.6774 | 302.500347 | 26.61 | 33.6623 | 302.583681 | 26.44 | 33.6838 |
| 302.417014 | 26.7 | 33.6161 | 302.500694 | 26.59 | 33.6648 | 302.584028 | 26.44 | 33.6838 |
| 302.417361 | 26.7 | 33.6161 | 302.501042 | 26.61 | 33.6886 | 302.584375 | 26.44 | 33.6838 |
| 302.417708 | 26.71 | 33.6236 | 302.501389 | 26.61 | 33.6886 | 302.584722 | 26.44 | 33.6707 |
| 302.418056 | 26.74 | 33.6068 | 302.501736 | 26.62 | 33.6961 | 302.585069 | 26.45 | 33.7 |
| 302.418403 | 26.75 | 33.6143 | 302.502083 | 26.61 | 33.6623 | 302.585417 | 26.44 | 33.6969 |
| 302.41875 | 26.71 | 33.6236 | 302.502431 | 26.59 | 33.6648 | 302.585764 | 26.44 | 33.6925 |
| 302.419097 | 26.68 | 33.6623 | 302.502778 | 26.58 | 33.6573 | 302.586111 | 26.44 | 33.7407 |
| 302.419444 | 26.67 | 33.6767 | 302.503125 | 26.52 | 33.7306 | 302.586458 | 26.44 | 33.7057 |
| 302.419792 | 26.67 | 33.6548 | 302.503472 | 26.51 | 33.7012 | 302.586806 | 26.44 | 33.6707 |
| 302.420139 | 26.67 | 33.668 | 302.503819 | 26.49 | 33.7212 | 302.587153 | 26.42 | 33.7038 |
| 302.420486 | 26.67 | 33.6461 | 302.504167 | 26.46 | 33.6813 | 302.5875 | 26.42 | 33.7038 |
| 302.420833 | 26.67 | 33.668 | 302.504514 | 26.45 | 33.7351 | 302.587847 | 26.42 | 33.717 |
| 302.421181 | 26.68 | 33.6273 | 302.504861 | 26.45 | 33.7 | 302.588194 | 26.42 | 33.6951 |
| 302.421528 | 26.7 | 33.6161 | 302.505208 | 26.46 | 33.7207 | 302.588542 | 26.42 | 33.6558 |
| 302.421875 | 26.68 | 33.6623 | 302.505556 | 26.44 | 33.732 | 302.588889 | 26.42 | 33.6951 |
| 302.422222 | 26.68 | 33.6492 | 302.505903 | 26.44 | 33.7057 | 302.589236 | 26.42 | 33.682 |
| 302.422569 | 26.7 | 33.6161 | 302.50625 | 26.44 | 33.7057 | 302.589583 | 26.44 | 33.6707 |
| 302.422917 | 26.7 | 33.6292 | 302.506597 | 26.42 | 33.6602 | 302.589931 | 26.44 | 33.7057 |
| 302.423264 | 26.71 | 33.6236 | 302.506944 | 26.42 | 33.6951 | 302.590278 | 26.45 | 33.7219 |
| 302.423611 | 26.71 | 33.6105 | 302.507292 | 26.42 | 33.717 | 302.590625 | 26.45 | 33.6869 |
| 302.423958 | 26.7 | 33.6599 | 302.507639 | 26.42 | 33.7082 | 302.590972 | 26.45 | 33.7 |
| 302.424306 | 26.68 | 33.6405 | 302.507986 | 26.42 | 33.7301 | 302.591319 | 26.44 | 33.7057 |
| 302.424653 | 26.68 | 33.6273 | 302.508333 | 26.42 | 33.7082 | 302.591667 | 26.45 | 33.6782 |
| 302.425 | 26.67 | 33.6548 | 302.508681 | 26.42 | 33.717 | 302.592014 | 26.45 | 33.7088 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.425347 | 26.67 | 33.7031 | 302.509028 | 26.42 | 33.7082 | 302.592361 | 26.45 | 33.6869 |
| 302.425694 | 26.67 | 33.6461 | 302.509375 | 26.41 | 33.7139 | 302.592708 | 26.45 | 33.6432 |
| 302.426042 | 26.67 | 33.6592 | 302.509722 | 26.41 | 33.7139 | 302.593056 | 26.45 | 33.6738 |
| 302.426389 | 26.65 | 33.6792 | 302.510069 | 26.42 | 33.717 | 302.593403 | 26.45 | 33.6738 |
| 302.426736 | 26.65 | 33.6355 | 302.510417 | 26.41 | 33.6876 | 302.59375 | 26.45 | 33.6738 |
| 302.427083 | 26.65 | 33.6705 | 302.510764 | 26.41 | 33.7489 | 302.594097 | 26.44 | 33.6838 |
| 302.427431 | 26.67 | 33.6461 | 302.511111 | 26.42 | 33.7433 | 302.594444 | 26.45 | 33.7 |
| 302.427778 | 26.65 | 33.6705 | 302.511458 | 26.42 | 33.6951 | 302.594792 | 26.45 | 33.7 |
| 302.428125 | 26.65 | 33.688 | 302.511806 | 26.42 | 33.717 | 302.595139 | 26.45 | 33.7088 |
| 302.428472 | 26.67 | 33.6461 | 302.512153 | 26.42 | 33.7038 | 302.595486 | 26.46 | 33.6594 |
| 302.428819 | 26.67 | 33.6943 | 302.5125 | 26.42 | 33.717 | 302.595833 | 26.46 | 33.7031 |
| 302.429167 | 26.65 | 33.6924 | 302.512847 | 26.42 | 33.682 | 302.596181 | 26.45 | 33.6956 |
| 302.429514 | 26.65 | 33.7143 | 302.513194 | 26.42 | 33.6951 | 302.596528 | 26.46 | 33.6725 |
| 302.429861 | 26.65 | 33.6705 | 302.513542 | 26.42 | 33.682 | 302.596875 | 26.45 | 33.7088 |
| 302.430208 | 26.67 | 33.633 | 302.513889 | 26.42 | 33.6951 | 302.597222 | 26.46 | 33.6725 |
| 302.430556 | 26.71 | 33.6236 | 302.514236 | 26.42 | 33.6689 | 302.597569 | 26.48 | 33.6831 |
| 302.430903 | 26.7 | 33.673 | 302.514583 | 26.41 | 33.6876 | 302.597917 | 26.48 | 33.67 |
| 302.43125 | 26.68 | 33.6623 | 302.514931 | 26.42 | 33.6951 | 302.598264 | 26.48 | 33.6831 |
| 302.431597 | 26.68 | 33.6711 | 302.515278 | 26.42 | 33.7082 | 302.598611 | 26.48 | 33.7181 |
| 302.431944 | 26.68 | 33.6492 | 302.515625 | 26.42 | 33.682 | 302.598958 | 26.49 | 33.7125 |
| 302.432292 | 26.68 | 33.6711 | 302.515972 | 26.42 | 33.6951 | 302.599306 | 26.49 | 33.7081 |
| 302.432639 | 26.67 | 33.668 | 302.516319 | 26.42 | 33.7082 | 302.599653 | 26.49 | 33.6643 |
| 302.432986 | 26.67 | 33.6592 | 302.516667 | 26.42 | 33.6951 | 302.6 | 26.49 | 33.6512 |
| 302.433333 | 26.67 | 33.6461 | 302.517014 | 26.42 | 33.7564 | 302.600347 | 26.49 | 33.6643 |
| 302.433681 | 26.68 | 33.6536 | 302.517361 | 26.42 | 33.6951 | 302.600694 | 26.51 | 33.6618 |
| 302.434028 | 26.68 | 33.6711 | 302.517708 | 26.42 | 33.7082 | 302.601042 | 26.54 | 33.6711 |
| 302.434375 | 26.68 | 33.6492 | 302.518056 | 26.42 | 33.717 | 302.601389 | 26.55 | 33.6524 |
| 302.434722 | 26.7 | 33.6161 | 302.518403 | 26.42 | 33.7082 | 302.601736 | 26.55 | 33.6655 |
| 302.435069 | 26.7 | 33.6511 | 302.51875 | 26.42 | 33.6951 | 302.602083 | 26.57 | 33.6193 |
| 302.435417 | 26.71 | 33.6324 | 302.519097 | 26.42 | 33.717 | 302.602431 | 26.57 | 33.628 |
| 302.435764 | 26.72 | 33.6267 | 302.519444 | 26.42 | 33.6602 | 302.602778 | 26.64 | 33.5669 |
| 302.436111 | 26.72 | 33.653 | 302.519792 | 26.42 | 33.7082 | 302.603125 | 26.65 | 33.5962 |
| 302.436458 | 26.71 | 33.6455 | 302.520139 | 26.42 | 33.717 | 302.603472 | 26.68 | 33.5793 |
| 302.436806 | 26.71 | 33.6455 | 302.520486 | 26.41 | 33.6876 | 302.603819 | 26.71 | 33.5756 |
| 302.437153 | 26.72 | 33.6399 | 302.520833 | 26.42 | 33.6471 | 302.604167 | 26.74 | 33.5675 |
| 302.4375 | 26.72 | 33.6486 | 302.521181 | 26.41 | 33.7008 | 302.604514 | 26.75 | 33.5141 |
| 302.437847 | 26.72 | 33.6486 | 302.521528 | 26.41 | 33.7226 | 302.604861 | 26.8 | 33.5253 |
| 302.438194 | 26.72 | 33.6399 | 302.521875 | 26.42 | 33.717 | 302.605208 | 26.83 | 33.4825 |
| 302.438542 | 26.72 | 33.5265 | 302.522222 | 26.41 | 33.7139 | 302.605556 | 26.84 | 33.4986 |
| 302.438889 | 26.74 | 33.6374 | 302.522569 | 26.42 | 33.682 | 302.605903 | 26.83 | 33.5259 |
| 302.439236 | 26.74 | 33.6374 | 302.522917 | 26.39 | 33.6989 | 302.60625 | 26.83 | 33.4912 |
| 302.439583 | 26.74 | 33.6068 | 302.523264 | 26.41 | 33.6745 | 302.606597 | 26.83 | 33.5042 |
| 302.439931 | 26.74 | 33.6374 | 302.523611 | 26.41 | 33.6658 | 302.606944 | 26.83 | 33.5129 |
| 302.440278 | 26.74 | 33.6286 | 302.523958 | 26.41 | 33.7139 | 302.607292 | 26.81 | 33.4676 |
| 302.440625 | 26.75 | 33.6099 | 302.524306 | 26.41 | 33.7139 | 302.607639 | 26.81 | 33.5023 |
| 302.440972 | 26.77 | 33.6337 | 302.524653 | 26.41 | 33.6876 | 302.607986 | 26.81 | 33.5153 |
| 302.441319 | 26.75 | 33.6318 | 302.525 | 26.41 | 33.7139 | 302.608333 | 26.81 | 33.4676 |
| 302.441667 | 26.75 | 33.6318 | 302.525347 | 26.41 | 33.6789 | 302.608681 | 26.81 | 33.5153 |
| 302.442014 | 26.75 | 33.5881 | 302.525694 | 26.41 | 33.7008 | 302.609028 | 26.81 | 33.5023 |
| 302.442361 | 26.75 | 33.6099 | 302.526042 | 26.41 | 33.6745 | 302.609375 | 26.81 | 33.4806 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.442708 | 26.75 | 33.6012 | 302.526389 | 26.41 | 33.6309 | 302.609722 | 26.8 | 33.5209 |
| 302.443056 | 26.75 | 33.6362 | 302.526736 | 26.41 | 33.6876 | 302.610069 | 26.8 | 33.5079 |
| 302.443403 | 26.75 | 33.6449 | 302.527083 | 26.41 | 33.7008 | 302.610417 | 26.81 | 33.5023 |
| 302.44375 | 26.74 | 33.6505 | 302.527431 | 26.41 | 33.7095 | 302.610764 | 26.81 | 33.4806 |
| 302.444097 | 26.74 | 33.6243 | 302.527778 | 26.41 | 33.7008 | 302.611111 | 26.8 | 33.4949 |
| 302.444444 | 26.72 | 33.6355 | 302.528125 | 26.41 | 33.7226 | 302.611458 | 26.8 | 33.5079 |
| 302.444792 | 26.74 | 33.6374 | 302.528472 | 26.41 | 33.7226 | 302.611806 | 26.78 | 33.5321 |
| 302.445139 | 26.74 | 33.6374 | 302.528819 | 26.41 | 33.7008 | 302.612153 | 26.77 | 33.5159 |
| 302.445486 | 26.75 | 33.6187 | 302.529167 | 26.41 | 33.7139 | 302.6125 | 26.77 | 33.5507 |
| 302.445833 | 26.75 | 33.6318 | 302.529514 | 26.42 | 33.6951 | 302.612847 | 26.78 | 33.5321 |
| 302.446181 | 26.74 | 33.6243 | 302.529861 | 26.42 | 33.6602 | 302.613194 | 26.78 | 33.519 |
| 302.446528 | 26.74 | 33.6374 | 302.530208 | 26.44 | 33.6925 | 302.613542 | 26.77 | 33.5507 |
| 302.446875 | 26.72 | 33.6837 | 302.530556 | 26.44 | 33.7057 | 302.613889 | 26.77 | 33.5246 |
| 302.447222 | 26.72 | 33.6618 | 302.530903 | 26.44 | 33.6969 | 302.614236 | 26.74 | 33.5197 |
| 302.447569 | 26.72 | 33.6399 | 302.53125 | 26.44 | 33.7057 | 302.614583 | 26.74 | 33.5066 |
| 302.447917 | 26.74 | 33.6155 | 302.531597 | 26.44 | 33.662 | 302.614931 | 26.74 | 33.5545 |
| 302.448264 | 26.74 | 33.6243 | 302.531944 | 26.45 | 33.6563 | 302.615278 | 26.72 | 33.5395 |
| 302.448611 | 26.72 | 33.6399 | 302.532292 | 26.45 | 33.7 | 302.615625 | 26.72 | 33.5787 |
| 302.448958 | 26.74 | 33.6286 | 302.532639 | 26.45 | 33.7088 | 302.615972 | 26.72 | 33.5656 |
| 302.449306 | 26.74 | 33.6286 | 302.532986 | 26.46 | 33.7163 | 302.616319 | 26.71 | 33.6061 |
| 302.449653 | 26.75 | 33.6099 | 302.533333 | 26.46 | 33.7075 | 302.616667 | 26.72 | 33.5744 |
| 302.45 | 26.75 | 33.6318 | 302.533681 | 26.48 | 33.6831 | 302.617014 | 26.71 | 33.5451 |
| 302.450347 | 26.75 | 33.6187 | 302.534028 | 26.46 | 33.6944 | 302.617361 | 26.71 | 33.5321 |
| 302.450694 | 26.75 | 33.6318 | 302.534375 | 26.48 | 33.6831 | 302.617708 | 26.71 | 33.5582 |
| 302.451042 | 26.74 | 33.6374 | 302.534722 | 26.48 | 33.6743 | 302.618056 | 26.72 | 33.5744 |
| 302.451389 | 26.74 | 33.6462 | 302.535069 | 26.48 | 33.6831 | 302.618403 | 26.72 | 33.5744 |
| 302.451736 | 26.72 | 33.6355 | 302.535417 | 26.49 | 33.6556 | 302.61875 | 26.72 | 33.5395 |
| 302.452083 | 26.72 | 33.6618 | 302.535764 | 26.49 | 33.6512 | 302.619097 | 26.74 | 33.5197 |
| 302.452431 | 26.72 | 33.6749 | 302.536111 | 26.49 | 33.7125 | 302.619444 | 26.72 | 33.6005 |
| 302.452778 | 26.72 | 33.6837 | 302.536458 | 26.51 | 33.6793 | 302.619792 | 26.72 | 33.5526 |
| 302.453125 | 26.72 | 33.6399 | 302.536806 | 26.51 | 33.6531 | 302.620139 | 26.74 | 33.585 |
| 302.453472 | 26.71 | 33.6324 | 302.537153 | 26.49 | 33.6862 | 302.620486 | 26.74 | 33.5762 |
| 302.453819 | 26.71 | 33.6542 | 302.5375 | 26.51 | 33.6574 | 302.620833 | 26.74 | 33.5762 |
| 302.454167 | 26.71 | 33.6674 | 302.537847 | 26.51 | 33.6793 | 302.621181 | 26.72 | 33.6267 |
| 302.454514 | 26.72 | 33.6355 | 302.538194 | 26.51 | 33.6749 | 302.621528 | 26.72 | 33.5874 |
| 302.454861 | 26.74 | 33.6243 | 302.538542 | 26.51 | 33.6793 | 302.621875 | 26.74 | 33.5414 |
| 302.455208 | 26.72 | 33.6749 | 302.538889 | 26.51 | 33.6793 | 302.622222 | 26.74 | 33.5762 |
| 302.455556 | 26.74 | 33.6462 | 302.539236 | 26.52 | 33.6868 | 302.622569 | 26.74 | 33.5545 |
| 302.455903 | 26.74 | 33.6374 | 302.539583 | 26.51 | 33.6749 | 302.622917 | 26.74 | 33.5981 |
| 302.45625 | 26.74 | 33.6243 | 302.539931 | 26.51 | 33.6749 | 302.623264 | 26.75 | 33.5358 |
| 302.456597 | 26.74 | 33.6374 | 302.540278 | 26.49 | 33.7037 | 302.623611 | 26.74 | 33.5327 |
| 302.456944 | 26.74 | 33.6462 | | | | | | |

DPS1-2

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.842361 | 26.06 | 33.742 | 302.878472 | 26.59 | 33.6124 | 302.914236 | 26.55 | 33.6611 |
| 302.842708 | 26.1 | 33.6931 | 302.878819 | 26.59 | 33.6124 | 302.914583 | 26.55 | 33.6218 |
| 302.843056 | 26.13 | 33.6587 | 302.879167 | 26.59 | 33.6037 | 302.914931 | 26.55 | 33.6218 |
| 302.843403 | 26.16 | 33.6634 | 302.879514 | 26.58 | 33.618 | 302.915278 | 26.55 | 33.6349 |
| 302.84375 | 26.18 | 33.6 | 302.879861 | 26.59 | 33.5993 | 302.915625 | 26.55 | 33.6218 |
| 302.844097 | 26.2 | 33.6191 | 302.880208 | 26.58 | 33.6442 | 302.915972 | 26.55 | 33.6349 |
| 302.844444 | 26.22 | 33.6295 | 302.880556 | 26.59 | 33.6124 | 302.916319 | 26.55 | 33.6262 |
| 302.844792 | 26.22 | 33.6425 | 302.880903 | 26.58 | 33.653 | 302.916667 | 26.55 | 33.6611 |
| 302.845139 | 26.23 | 33.6325 | 302.88125 | 26.58 | 33.5875 | 302.917014 | 26.55 | 33.6349 |
| 302.845486 | 26.23 | 33.5935 | 302.881597 | 26.58 | 33.6399 | 302.917361 | 26.55 | 33.648 |
| 302.845833 | 26.26 | 33.542 | 302.881944 | 26.58 | 33.6399 | 302.917708 | 26.55 | 33.6436 |
| 302.846181 | 26.28 | 33.5437 | 302.882292 | 26.58 | 33.6748 | 302.918056 | 26.55 | 33.648 |
| 302.846528 | 26.28 | 33.5523 | 302.882639 | 26.58 | 33.6311 | 302.918403 | 26.55 | 33.6349 |
| 302.846875 | 26.28 | 33.5913 | 302.882986 | 26.58 | 33.6442 | 302.91875 | 26.55 | 33.6436 |
| 302.847222 | 26.29 | 33.5467 | 302.883333 | 26.58 | 33.5962 | 302.919097 | 26.55 | 33.6349 |
| 302.847569 | 26.28 | 33.5048 | 302.883681 | 26.58 | 33.653 | 302.919444 | 26.55 | 33.648 |
| 302.847917 | 26.29 | 33.5337 | 302.884028 | 26.58 | 33.6268 | 302.919792 | 26.55 | 33.6699 |
| 302.848264 | 26.31 | 33.4751 | 302.884375 | 26.58 | 33.6748 | 302.920139 | 26.55 | 33.6131 |
| 302.848611 | 26.33 | 33.4897 | 302.884722 | 26.57 | 33.6367 | 302.920486 | 26.55 | 33.6131 |
| 302.848958 | 26.36 | 33.447 | 302.885069 | 26.57 | 33.6367 | 302.920833 | 26.55 | 33.6436 |
| 302.849306 | 26.36 | 33.4728 | 302.885417 | 26.57 | 33.6324 | 302.921181 | 26.55 | 33.648 |
| 302.849653 | 26.41 | 33.4319 | 302.885764 | 26.57 | 33.6237 | 302.921528 | 26.55 | 33.6349 |
| 302.85 | 26.42 | 33.4263 | 302.886111 | 26.57 | 33.6805 | 302.921875 | 26.55 | 33.648 |
| 302.850347 | 26.46 | 33.4255 | 302.886458 | 26.57 | 33.6717 | 302.922222 | 26.54 | 33.6318 |
| 302.850694 | 26.49 | 33.3958 | 302.886806 | 26.57 | 33.6586 | 302.922569 | 26.54 | 33.6187 |
| 302.851042 | 26.52 | 33.4006 | 302.887153 | 26.57 | 33.6455 | 302.922917 | 26.55 | 33.6917 |
| 302.851389 | 26.61 | 33.3848 | 302.8875 | 26.57 | 33.6367 | 302.923264 | 26.55 | 33.6611 |
| 302.851736 | 26.62 | 33.3535 | 302.887847 | 26.57 | 33.6367 | 302.923611 | 26.55 | 33.6699 |
| 302.852083 | 26.67 | 33.3729 | 302.888194 | 26.57 | 33.6805 | 302.923958 | 26.55 | 33.6349 |
| 302.852431 | 26.68 | 33.3201 | 302.888542 | 26.57 | 33.6367 | 302.924306 | 26.55 | 33.6131 |
| 302.852778 | 26.68 | 33.3544 | 302.888889 | 26.57 | 33.6717 | 302.924653 | 26.54 | 33.6187 |
| 302.853125 | 26.71 | 33.3593 | 302.889236 | 26.57 | 33.6499 | 302.925 | 26.54 | 33.6405 |
| 302.853472 | 26.71 | 33.3808 | 302.889583 | 26.57 | 33.6586 | 302.925347 | 26.55 | 33.6349 |
| 302.853819 | 26.65 | 33.3926 | 302.889931 | 26.57 | 33.6367 | 302.925694 | 26.55 | 33.6349 |
| 302.854167 | 26.71 | 33.4023 | 302.890278 | 26.57 | 33.6717 | 302.926042 | 26.55 | 33.648 |
| 302.854514 | 26.55 | 33.4484 | 302.890625 | 26.57 | 33.6455 | 302.926389 | 26.55 | 33.6262 |
| 302.854861 | 26.49 | 33.5252 | 302.890972 | 26.57 | 33.6805 | 302.926736 | 26.54 | 33.6187 |
| 302.855208 | 26.64 | 33.4283 | 302.891319 | 26.57 | 33.6367 | 302.927083 | 26.54 | 33.6274 |
| 302.855556 | 26.81 | 33.3467 | 302.891667 | 26.57 | 33.6499 | 302.927431 | 26.55 | 33.6349 |
| 302.855903 | 26.8 | 33.3738 | 302.892014 | 26.57 | 33.6367 | 302.927778 | 26.55 | 33.6131 |
| 302.85625 | 26.61 | 33.5143 | 302.892361 | 26.57 | 33.6673 | 302.928125 | 26.54 | 33.6536 |
| 302.856597 | 26.59 | 33.5602 | 302.892708 | 26.57 | 33.6367 | 302.928472 | 26.54 | 33.6667 |
| 302.856944 | 26.59 | 33.5341 | 302.893056 | 26.57 | 33.6586 | 302.928819 | 26.55 | 33.6262 |
| 302.857292 | 26.59 | 33.595 | 302.893403 | 26.57 | 33.6367 | 302.929167 | 26.54 | 33.6187 |
| 302.857639 | 26.59 | 33.5819 | 302.89375 | 26.57 | 33.6106 | 302.929514 | 26.55 | 33.6611 |
| 302.857986 | 26.59 | 33.5341 | 302.894097 | 26.57 | 33.6367 | 302.929861 | 26.55 | 33.6131 |
| 302.858333 | 26.61 | 33.5707 | 302.894444 | 26.57 | 33.6455 | 302.930208 | 26.54 | 33.6493 |
| 302.858681 | 26.57 | 33.5367 | 302.894792 | 26.57 | 33.6586 | 302.930556 | 26.55 | 33.6262 |
| 302.859028 | 26.57 | 33.5107 | 302.895139 | 26.57 | 33.6586 | 302.930903 | 26.54 | 33.6405 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.859375 | 26.61 | 33.4667 | 302.895486 | 26.57 | 33.6499 | 302.93125 | 26.55 | 33.6 |
| 302.859722 | 26.61 | 33.5229 | 302.895833 | 26.57 | 33.663 | 302.931597 | 26.54 | 33.6405 |
| 302.860069 | 26.59 | 33.5471 | 302.896181 | 26.57 | 33.6367 | 302.931944 | 26.54 | 33.6274 |
| 302.860417 | 26.62 | 33.5738 | 302.896528 | 26.57 | 33.6106 | 302.932292 | 26.54 | 33.6187 |
| 302.860764 | 26.62 | 33.5651 | 302.896875 | 26.57 | 33.6586 | 302.932639 | 26.54 | 33.6624 |
| 302.861111 | 26.62 | 33.539 | 302.897222 | 26.57 | 33.6499 | 302.932986 | 26.54 | 33.6405 |
| 302.861458 | 26.64 | 33.4975 | 302.897569 | 26.57 | 33.6237 | 302.933333 | 26.54 | 33.6405 |
| 302.861806 | 26.64 | 33.5061 | 302.897917 | 26.57 | 33.6237 | 302.933681 | 26.54 | 33.6536 |
| 302.862153 | 26.62 | 33.5521 | 302.898264 | 26.57 | 33.6367 | 302.934028 | 26.54 | 33.6187 |
| 302.8625 | 26.64 | 33.5539 | 302.898611 | 26.57 | 33.6324 | 302.934375 | 26.55 | 33.587 |
| 302.862847 | 26.62 | 33.5434 | 302.898958 | 26.57 | 33.6367 | 302.934722 | 26.54 | 33.6274 |
| 302.863194 | 26.64 | 33.5278 | 302.899306 | 26.57 | 33.6019 | 302.935069 | 26.54 | 33.6187 |
| 302.863542 | 26.64 | 33.5408 | 302.899653 | 26.57 | 33.6367 | 302.935417 | 26.54 | 33.6057 |
| 302.863889 | 26.64 | 33.5626 | 302.9 | 26.57 | 33.6149 | 302.935764 | 26.54 | 33.6493 |
| 302.864236 | 26.65 | 33.5439 | 302.900347 | 26.57 | 33.6717 | 302.936111 | 26.54 | 33.6405 |
| 302.864583 | 26.67 | 33.4634 | 302.900694 | 26.57 | 33.6237 | 302.936458 | 26.54 | 33.6274 |
| 302.864931 | 26.65 | 33.5353 | 302.901042 | 26.57 | 33.6149 | 302.936806 | 26.54 | 33.6187 |
| 302.865278 | 26.64 | 33.5408 | 302.901389 | 26.57 | 33.6237 | 302.937153 | 26.55 | 33.6218 |
| 302.865625 | 26.65 | 33.5483 | 302.901736 | 26.57 | 33.6586 | 302.9375 | 26.54 | 33.6536 |
| 302.865972 | 26.65 | 33.57 | 302.902083 | 26.57 | 33.6367 | 302.937847 | 26.54 | 33.6536 |
| 302.866319 | 26.65 | 33.5483 | 302.902431 | 26.57 | 33.6367 | 302.938194 | 26.54 | 33.6187 |
| 302.866667 | 26.67 | 33.5197 | 302.902778 | 26.57 | 33.6237 | 302.938542 | 26.54 | 33.6274 |
| 302.867014 | 26.67 | 33.5327 | 302.903125 | 26.57 | 33.6106 | 302.938889 | 26.54 | 33.6624 |
| 302.867361 | 26.65 | 33.557 | 302.903472 | 26.57 | 33.6717 | 302.939236 | 26.54 | 33.6536 |
| 302.867708 | 26.65 | 33.5309 | 302.903819 | 26.57 | 33.6586 | 302.939583 | 26.55 | 33.6262 |
| 302.868056 | 26.65 | 33.5787 | 302.904167 | 26.57 | 33.6237 | 302.939931 | 26.55 | 33.6087 |
| 302.868403 | 26.67 | 33.511 | 302.904514 | 26.57 | 33.6499 | 302.940278 | 26.55 | 33.6349 |
| 302.86875 | 26.65 | 33.5483 | 302.904861 | 26.57 | 33.6019 | 302.940625 | 26.57 | 33.6237 |
| 302.869097 | 26.64 | 33.5756 | 302.905208 | 26.55 | 33.6349 | 302.940972 | 26.67 | 33.4894 |
| 302.869444 | 26.65 | 33.5222 | 302.905556 | 26.57 | 33.6586 | 302.941319 | 26.68 | 33.4622 |
| 302.869792 | 26.65 | 33.57 | 302.905903 | 26.55 | 33.6742 | 302.941667 | 26.67 | 33.4764 |
| 302.870139 | 26.64 | 33.5626 | 302.90625 | 26.57 | 33.6149 | 302.942014 | 26.67 | 33.4894 |
| 302.870486 | 26.62 | 33.5825 | 302.906597 | 26.55 | 33.6131 | 302.942361 | 26.67 | 33.4764 |
| 302.870833 | 26.61 | 33.6012 | 302.906944 | 26.57 | 33.6586 | 302.942708 | 26.68 | 33.4968 |
| 302.871181 | 26.62 | 33.5738 | 302.907292 | 26.57 | 33.6586 | 302.943056 | 26.68 | 33.4578 |
| 302.871528 | 26.62 | 33.5738 | 302.907639 | 26.55 | 33.6567 | 302.943403 | 26.7 | 33.4726 |
| 302.871875 | 26.62 | 33.5956 | 302.907986 | 26.57 | 33.6367 | 302.94375 | 26.68 | 33.4362 |
| 302.872222 | 26.62 | 33.5738 | 302.908333 | 26.57 | 33.6237 | 302.944097 | 26.7 | 33.4596 |
| 302.872569 | 26.62 | 33.5956 | 302.908681 | 26.57 | 33.6106 | 302.944444 | 26.72 | 33.4745 |
| 302.872917 | 26.65 | 33.5787 | 302.909028 | 26.55 | 33.683 | 302.944792 | 26.72 | 33.4226 |
| 302.873264 | 26.64 | 33.5713 | 302.909375 | 26.55 | 33.6131 | 302.945139 | 26.72 | 33.4485 |
| 302.873611 | 26.64 | 33.5974 | 302.909722 | 26.55 | 33.6699 | 302.945486 | 26.72 | 33.4226 |
| 302.873958 | 26.62 | 33.6436 | 302.910069 | 26.55 | 33.6699 | 302.945833 | 26.74 | 33.4158 |
| 302.874306 | 26.61 | 33.6012 | 302.910417 | 26.55 | 33.6044 | 302.946181 | 26.74 | 33.3942 |
| 302.874653 | 26.61 | 33.6143 | 302.910764 | 26.55 | 33.683 | 302.946528 | 26.77 | 33.4336 |
| 302.875 | 26.61 | 33.5794 | 302.911111 | 26.55 | 33.648 | 302.946875 | 26.8 | 33.3824 |
| 302.875347 | 26.61 | 33.5925 | 302.911458 | 26.55 | 33.683 | 302.947222 | 26.8 | 33.404 |
| 302.875694 | 26.61 | 33.6361 | 302.911806 | 26.55 | 33.648 | 302.947569 | 26.81 | 33.433 |
| 302.876042 | 26.61 | 33.6274 | 302.912153 | 26.55 | 33.648 | 302.947917 | 26.81 | 33.4071 |
| 302.876389 | 26.62 | 33.5869 | 302.9125 | 26.55 | 33.6699 | 302.948264 | 26.81 | 33.4071 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.876736 | 26.61 | 33.6274 | 302.912847 | 26.55 | 33.6611 | 302.948611 | 26.81 | 33.4114 |
| 302.877083 | 26.59 | 33.6473 | 302.913194 | 26.55 | 33.6131 | 302.948958 | 26.81 | 33.4071 |
| 302.877431 | 26.61 | 33.6143 | 302.913542 | 26.55 | 33.6349 | 302.949306 | 26.81 | 33.42 |
| 302.877778 | 26.59 | 33.6342 | 302.913889 | 26.55 | 33.648 | 302.949653 | 26.8 | 33.391 |
| 302.878125 | 26.59 | 33.6124 | | | | | | |

DPS1-3

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 303.362847 | 27.22 | 33.2581 | 303.407639 | 26.44 | 33.6489 | 303.452431 | 26.39 | 33.6422 |
| 303.363194 | 27.27 | 33.2349 | 303.407986 | 26.42 | 33.6602 | 303.452778 | 26.39 | 33.6902 |
| 303.363542 | 27.3 | 33.1885 | 303.408333 | 26.42 | 33.6384 | 303.453125 | 26.38 | 33.6827 |
| 303.363889 | 27.36 | 33.1857 | 303.408681 | 26.42 | 33.6602 | 303.453472 | 26.38 | 33.6827 |
| 303.364236 | 27.33 | 33.1763 | 303.409028 | 26.44 | 33.662 | 303.453819 | 26.38 | 33.6609 |
| 303.364583 | 27.33 | 33.2536 | 303.409375 | 26.45 | 33.6084 | 303.454167 | 26.39 | 33.6553 |
| 303.364931 | 27.36 | 33.2243 | 303.409722 | 26.44 | 33.6271 | 303.454514 | 26.38 | 33.6478 |
| 303.365278 | 27.43 | 33.1731 | 303.410069 | 26.42 | 33.6166 | 303.454861 | 26.38 | 33.6391 |
| 303.365625 | 27.42 | 33.2001 | 303.410417 | 26.41 | 33.644 | 303.455208 | 26.39 | 33.664 |
| 303.365972 | 27.45 | 33.1451 | 303.410764 | 26.42 | 33.6602 | 303.455556 | 26.39 | 33.6422 |
| 303.366319 | 27.45 | 33.1451 | 303.411111 | 26.42 | 33.6384 | 303.455903 | 26.39 | 33.6771 |
| 303.366667 | 27.46 | 33.1611 | 303.411458 | 26.42 | 33.6384 | 303.45625 | 26.39 | 33.6509 |
| 303.367014 | 27.46 | 33.1611 | 303.411806 | 26.41 | 33.6309 | 303.456597 | 26.39 | 33.6291 |
| 303.367361 | 27.48 | 33.1587 | 303.412153 | 26.42 | 33.6166 | 303.456944 | 26.38 | 33.6958 |
| 303.367708 | 27.48 | 33.1245 | 303.4125 | 26.41 | 33.6658 | 303.457292 | 26.39 | 33.6902 |
| 303.368056 | 27.46 | 33.1782 | 303.412847 | 26.41 | 33.6658 | 303.457639 | 26.39 | 33.7252 |
| 303.368403 | 27.48 | 33.1802 | 303.413194 | 26.41 | 33.644 | 303.457986 | 26.39 | 33.6902 |
| 303.36875 | 27.48 | 33.1673 | 303.413542 | 26.42 | 33.6166 | 303.458333 | 26.39 | 33.6902 |
| 303.369097 | 27.46 | 33.1653 | 303.413889 | 26.41 | 33.6571 | 303.458681 | 26.41 | 33.7139 |
| 303.369444 | 27.46 | 33.1782 | 303.414236 | 26.41 | 33.6658 | 303.459028 | 26.39 | 33.6902 |
| 303.369792 | 27.46 | 33.1997 | 303.414583 | 26.42 | 33.6602 | 303.459375 | 26.39 | 33.6858 |
| 303.370139 | 27.42 | 33.1529 | 303.414931 | 26.41 | 33.6658 | 303.459722 | 26.41 | 33.6658 |
| 303.370486 | 27.43 | 33.1689 | 303.415278 | 26.42 | 33.6384 | 303.460069 | 26.39 | 33.6553 |
| 303.370833 | 27.37 | 33.1802 | 303.415625 | 26.41 | 33.6571 | 303.460417 | 26.39 | 33.6771 |
| 303.371181 | 27.14 | 33.3755 | 303.415972 | 26.41 | 33.644 | 303.460764 | 26.39 | 33.6858 |
| 303.371528 | 26.84 | 33.4943 | 303.416319 | 26.41 | 33.6222 | 303.461111 | 26.39 | 33.6989 |
| 303.371875 | 26.88 | 33.485 | 303.416667 | 26.39 | 33.6422 | 303.461458 | 26.39 | 33.6902 |
| 303.372222 | 27.3 | 33.24 | 303.417014 | 26.41 | 33.6484 | 303.461806 | 26.39 | 33.6422 |
| 303.372569 | 27.3 | 33.2744 | 303.417361 | 26.39 | 33.6902 | 303.462153 | 26.41 | 33.6789 |
| 303.372917 | 27.36 | 33.2286 | 303.417708 | 26.39 | 33.6204 | 303.4625 | 26.39 | 33.6553 |
| 303.373264 | 27.33 | 33.2106 | 303.418056 | 26.39 | 33.6553 | 303.462847 | 26.39 | 33.7252 |
| 303.373611 | 27.33 | 33.2106 | 303.418403 | 26.39 | 33.6335 | 303.463194 | 26.39 | 33.664 |
| 303.373958 | 27.23 | 33.2784 | 303.41875 | 26.39 | 33.6684 | 303.463542 | 26.41 | 33.6527 |
| 303.374306 | 27.35 | 33.2126 | 303.419097 | 26.38 | 33.6609 | 303.463889 | 26.39 | 33.6902 |
| 303.374653 | 27.26 | 33.2619 | 303.419444 | 26.38 | 33.674 | 303.464236 | 26.41 | 33.6658 |
| 303.375 | 27.14 | 33.3495 | 303.419792 | 26.38 | 33.6522 | 303.464583 | 26.41 | 33.6527 |
| 303.375347 | 27.23 | 33.2655 | 303.420139 | 26.38 | 33.6522 | 303.464931 | 26.39 | 33.6902 |
| 303.375694 | 27.35 | 33.2341 | 303.420486 | 26.36 | 33.6504 | 303.465278 | 26.41 | 33.692 |
| 303.376042 | 27.2 | 33.2734 | 303.420833 | 26.36 | 33.6504 | 303.465625 | 26.41 | 33.6658 |
| 303.376389 | 27.13 | 33.3551 | 303.421181 | 26.36 | 33.6504 | 303.465972 | 26.39 | 33.7033 |
| 303.376736 | 27.24 | 33.316 | 303.421528 | 26.36 | 33.6635 | 303.466319 | 26.41 | 33.7139 |
| 303.377083 | 27.09 | 33.3772 | 303.421875 | 26.36 | 33.6504 | 303.466667 | 26.39 | 33.7033 |
| 303.377431 | 26.8 | 33.5296 | 303.422222 | 26.35 | 33.6691 | 303.467014 | 26.41 | 33.6789 |
| 303.377778 | 26.74 | 33.5197 | 303.422569 | 26.36 | 33.6156 | 303.467361 | 26.41 | 33.6658 |
| 303.378125 | 26.77 | 33.5464 | 303.422917 | 26.35 | 33.6212 | 303.467708 | 26.41 | 33.7008 |
| 303.378472 | 26.74 | 33.5501 | 303.423264 | 26.36 | 33.6635 | 303.468056 | 26.41 | 33.7139 |
| 303.378819 | 26.81 | 33.5023 | 303.423611 | 26.36 | 33.6243 | 303.468403 | 26.41 | 33.6789 |
| 303.379167 | 26.67 | 33.5371 | 303.423958 | 26.36 | 33.6374 | 303.46875 | 26.41 | 33.7008 |
| 303.379514 | 26.62 | 33.5781 | 303.424306 | 26.35 | 33.6648 | 303.469097 | 26.41 | 33.6527 |
| 303.379861 | 26.62 | 33.5651 | 303.424653 | 26.35 | 33.6648 | 303.469444 | 26.41 | 33.7226 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.380208 | 26.58 | 33.6006 | 303.425 | 26.35 | 33.6691 | 303.469792 | 26.41 | 33.7139 |
| 303.380556 | 26.58 | 33.6355 | 303.425347 | 26.35 | 33.6343 | 303.470139 | 26.41 | 33.7139 |
| 303.380903 | 26.58 | 33.6268 | 303.425694 | 26.35 | 33.6561 | 303.470486 | 26.41 | 33.6658 |
| 303.38125 | 26.74 | 33.5327 | 303.426042 | 26.35 | 33.6561 | 303.470833 | 26.41 | 33.6876 |
| 303.381597 | 26.61 | 33.5838 | 303.426389 | 26.35 | 33.643 | 303.471181 | 26.42 | 33.6733 |
| 303.381944 | 26.59 | 33.5602 | 303.426736 | 26.35 | 33.643 | 303.471528 | 26.41 | 33.7139 |
| 303.382292 | 26.57 | 33.5714 | 303.427083 | 26.36 | 33.6635 | 303.471875 | 26.41 | 33.7139 |
| 303.382639 | 26.68 | 33.5228 | 303.427431 | 26.35 | 33.643 | 303.472222 | 26.41 | 33.6876 |
| 303.382986 | 26.77 | 33.529 | 303.427778 | 26.36 | 33.6722 | 303.472569 | 26.41 | 33.7226 |
| 303.383333 | 26.75 | 33.5054 | 303.428125 | 26.36 | 33.6722 | 303.472917 | 26.41 | 33.6571 |
| 303.383681 | 26.71 | 33.5625 | 303.428472 | 26.36 | 33.6722 | 303.473264 | 26.41 | 33.6876 |
| 303.384028 | 26.71 | 33.5538 | 303.428819 | 26.36 | 33.694 | 303.473611 | 26.41 | 33.6658 |
| 303.384375 | 26.72 | 33.5222 | 303.429167 | 26.36 | 33.6635 | 303.473958 | 26.41 | 33.7008 |
| 303.384722 | 26.68 | 33.5358 | 303.429514 | 26.36 | 33.6591 | 303.474306 | 26.41 | 33.6876 |
| 303.385069 | 26.7 | 33.5333 | 303.429861 | 26.36 | 33.6722 | 303.474653 | 26.41 | 33.7008 |
| 303.385417 | 26.7 | 33.5594 | 303.430208 | 26.36 | 33.6374 | 303.475 | 26.41 | 33.7139 |
| 303.385764 | 26.68 | 33.5445 | 303.430556 | 26.36 | 33.6591 | 303.475347 | 26.41 | 33.6527 |
| 303.386111 | 26.64 | 33.5322 | 303.430903 | 26.36 | 33.6722 | 303.475694 | 26.41 | 33.6658 |
| 303.386458 | 26.62 | 33.6261 | 303.43125 | 26.36 | 33.6504 | 303.476042 | 26.41 | 33.6658 |
| 303.386806 | 26.62 | 33.5694 | 303.431597 | 26.36 | 33.6591 | 303.476389 | 26.41 | 33.6789 |
| 303.387153 | 26.62 | 33.613 | 303.431944 | 26.36 | 33.6591 | 303.476736 | 26.41 | 33.6876 |
| 303.3875 | 26.61 | 33.5751 | 303.432292 | 26.36 | 33.6722 | 303.477083 | 26.41 | 33.7008 |
| 303.387847 | 26.59 | 33.5732 | 303.432639 | 26.36 | 33.6722 | 303.477431 | 26.41 | 33.644 |
| 303.388194 | 26.57 | 33.5714 | 303.432986 | 26.36 | 33.7072 | 303.477778 | 26.41 | 33.6876 |
| 303.388542 | 26.55 | 33.6305 | 303.433333 | 26.36 | 33.6374 | 303.478125 | 26.42 | 33.6602 |
| 303.388889 | 26.55 | 33.6218 | 303.433681 | 26.36 | 33.6722 | 303.478472 | 26.44 | 33.6184 |
| 303.389236 | 26.57 | 33.5888 | 303.434028 | 26.36 | 33.6591 | 303.478819 | 26.65 | 33.5179 |
| 303.389583 | 26.57 | 33.5844 | 303.434375 | 26.36 | 33.6635 | 303.479167 | 26.7 | 33.4899 |
| 303.389931 | 26.54 | 33.6144 | 303.434722 | 26.36 | 33.6504 | 303.479514 | 26.71 | 33.4844 |
| 303.390278 | 26.52 | 33.6474 | 303.435069 | 26.36 | 33.6722 | 303.479861 | 26.71 | 33.5104 |
| 303.390625 | 26.51 | 33.5964 | 303.435417 | 26.36 | 33.6635 | 303.480208 | 26.71 | 33.4974 |
| 303.390972 | 26.55 | 33.587 | 303.435764 | 26.36 | 33.6722 | 303.480556 | 26.71 | 33.506 |
| 303.391319 | 26.49 | 33.6207 | 303.436111 | 26.36 | 33.6722 | 303.480903 | 26.72 | 33.4442 |
| 303.391667 | 26.49 | 33.5946 | 303.436458 | 26.36 | 33.6591 | 303.48125 | 26.72 | 33.4658 |
| 303.392014 | 26.49 | 33.6294 | 303.436806 | 26.36 | 33.6853 | 303.481597 | 26.75 | 33.4837 |
| 303.392361 | 26.48 | 33.6046 | 303.437153 | 26.38 | 33.6391 | 303.481944 | 26.77 | 33.4726 |
| 303.392708 | 26.49 | 33.6425 | 303.4375 | 26.36 | 33.694 | 303.482292 | 26.8 | 33.4342 |
| 303.393056 | 26.49 | 33.6207 | 303.437847 | 26.38 | 33.6478 | 303.482639 | 26.81 | 33.4633 |
| 303.393403 | 26.58 | 33.5571 | 303.438194 | 26.38 | 33.6827 | 303.482986 | 26.83 | 33.4391 |
| 303.39375 | 26.64 | 33.5582 | 303.438542 | 26.36 | 33.6591 | 303.483333 | 26.84 | 33.4206 |
| 303.394097 | 26.58 | 33.605 | 303.438889 | 26.36 | 33.6504 | 303.483681 | 26.87 | 33.3781 |
| 303.394444 | 26.57 | 33.6106 | 303.439236 | 26.36 | 33.6591 | 303.484028 | 26.9 | 33.4003 |
| 303.394792 | 26.54 | 33.6144 | 303.439583 | 26.38 | 33.674 | 303.484375 | 26.93 | 33.3923 |
| 303.395139 | 26.51 | 33.6312 | 303.439931 | 26.36 | 33.6809 | 303.484722 | 26.94 | 33.3522 |
| 303.395486 | 26.49 | 33.6425 | 303.440278 | 26.38 | 33.6522 | 303.485069 | 26.96 | 33.3627 |
| 303.395833 | 26.52 | 33.6256 | 303.440625 | 26.36 | 33.694 | 303.485417 | 26.97 | 33.3787 |
| 303.396181 | 26.52 | 33.6518 | 303.440972 | 26.36 | 33.694 | 303.485764 | 26.98 | 33.3602 |
| 303.396528 | 26.52 | 33.6038 | 303.441319 | 26.36 | 33.694 | 303.486111 | 27 | 33.3751 |
| 303.396875 | 26.49 | 33.6425 | 303.441667 | 26.36 | 33.6853 | 303.486458 | 27.03 | 33.3369 |
| 303.397222 | 26.49 | 33.5989 | 303.442014 | 26.36 | 33.6853 | 303.486806 | 27.03 | 33.3585 |
| 303.397569 | 26.49 | 33.6207 | 303.442361 | 26.36 | 33.729 | 303.487153 | 27.04 | 33.34 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.397917 | 26.51 | 33.5833 | 303.442708 | 26.36 | 33.6809 | 303.4875 | 27.06 | 33.3548 |
| 303.398264 | 26.48 | 33.6133 | 303.443056 | 26.36 | 33.694 | 303.487847 | 27.06 | 33.3376 |
| 303.398611 | 26.48 | 33.5915 | 303.443403 | 26.36 | 33.694 | 303.488194 | 27.06 | 33.3505 |
| 303.398958 | 26.46 | 33.6376 | 303.44375 | 26.36 | 33.6853 | 303.488542 | 27.07 | 33.3321 |
| 303.399306 | 26.46 | 33.6638 | 303.444097 | 26.38 | 33.6522 | 303.488889 | 27.07 | 33.3234 |
| 303.399653 | 26.46 | 33.6507 | 303.444444 | 26.38 | 33.6827 | 303.489236 | 27.07 | 33.3709 |
| 303.4 | 26.46 | 33.6507 | 303.444792 | 26.38 | 33.6609 | 303.489583 | 27.09 | 33.334 |
| 303.400347 | 26.46 | 33.6245 | 303.445139 | 26.38 | 33.674 | 303.489931 | 27.07 | 33.3709 |
| 303.400694 | 26.45 | 33.6432 | 303.445486 | 26.36 | 33.694 | 303.490278 | 27.09 | 33.321 |
| 303.401042 | 26.46 | 33.6158 | 303.445833 | 26.38 | 33.6696 | 303.490625 | 27.09 | 33.334 |
| 303.401389 | 26.46 | 33.6507 | 303.446181 | 26.38 | 33.674 | 303.490972 | 27.09 | 33.334 |
| 303.401736 | 26.45 | 33.6651 | 303.446528 | 26.38 | 33.674 | 303.491319 | 27.09 | 33.3555 |
| 303.402083 | 26.46 | 33.6245 | 303.446875 | 26.38 | 33.6827 | 303.491667 | 27.09 | 33.2866 |
| 303.402431 | 26.45 | 33.6432 | 303.447222 | 26.38 | 33.6696 | 303.492014 | 27.1 | 33.3414 |
| 303.402778 | 26.45 | 33.6651 | 303.447569 | 26.38 | 33.6609 | 303.492361 | 27.11 | 33.2971 |
| 303.403125 | 26.45 | 33.6215 | 303.447917 | 26.38 | 33.6827 | 303.492708 | 27.11 | 33.31 |
| 303.403472 | 26.45 | 33.6432 | 303.448264 | 26.38 | 33.6827 | 303.493056 | 27.13 | 33.3248 |
| 303.403819 | 26.45 | 33.6215 | 303.448611 | 26.38 | 33.6261 | 303.493403 | 27.13 | 33.2861 |
| 303.404167 | 26.45 | 33.6432 | 303.448958 | 26.38 | 33.6827 | 303.49375 | 27.13 | 33.299 |
| 303.404514 | 26.45 | 33.6563 | 303.449306 | 26.38 | 33.709 | 303.494097 | 27.13 | 33.299 |
| 303.404861 | 26.45 | 33.6651 | 303.449653 | 26.38 | 33.6609 | 303.494444 | 27.14 | 33.2677 |
| 303.405208 | 26.45 | 33.6651 | 303.45 | 26.38 | 33.6827 | 303.494792 | 27.13 | 33.2861 |
| 303.405556 | 26.44 | 33.662 | 303.450347 | 26.38 | 33.6827 | 303.495139 | 27.13 | 33.2732 |
| 303.405903 | 26.44 | 33.6489 | 303.450694 | 26.38 | 33.6827 | 303.495486 | 27.14 | 33.2806 |
| 303.40625 | 26.44 | 33.662 | 303.451042 | 26.38 | 33.6827 | 303.495833 | 27.14 | 33.2677 |
| 303.406597 | 26.44 | 33.6053 | 303.451389 | 26.38 | 33.6958 | 303.496181 | 27.13 | 33.299 |
| 303.406944 | 26.42 | 33.6471 | 303.451736 | 26.38 | 33.6827 | 303.496528 | 27.13 | 33.2861 |
| 303.407292 | 26.44 | 33.6489 | 303.452083 | 26.38 | 33.6827 | 303.496875 | 27.11 | 33.2627 |

DPS2-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.425347 | 26.65 | 35.1272 | 302.507292 | 26.69 | 33.6302 | 302.588889 | 26.61 | 33.5923 |
| 302.425694 | 26.62 | 34.7656 | 302.507639 | 26.69 | 33.5932 | 302.589236 | 26.59 | 33.6498 |
| 302.426042 | 26.62 | 34.5984 | 302.507986 | 26.69 | 33.5471 | 302.589583 | 26.59 | 33.6822 |
| 302.426389 | 26.63 | 34.4852 | 302.508333 | 26.69 | 33.5932 | 302.589931 | 26.59 | 33.6591 |
| 302.426736 | 26.66 | 34.4482 | 302.508681 | 26.7 | 33.5876 | 302.590278 | 26.59 | 33.6591 |
| 302.427083 | 26.69 | 34.3533 | 302.509028 | 26.7 | 33.5783 | 302.590625 | 26.59 | 33.6267 |
| 302.427431 | 26.76 | 34.2837 | 302.509375 | 26.72 | 33.5532 | 302.590972 | 26.59 | 33.6498 |
| 302.427778 | 26.76 | 34.2213 | 302.509722 | 26.72 | 33.544 | 302.591319 | 26.59 | 33.6498 |
| 302.428125 | 26.78 | 34.181 | 302.510069 | 26.72 | 33.5901 | 302.591667 | 26.58 | 33.6647 |
| 302.428472 | 26.79 | 34.1465 | 302.510417 | 26.72 | 33.6225 | 302.592014 | 26.58 | 33.6324 |
| 302.428819 | 26.8 | 34.0931 | 302.510764 | 26.75 | 33.5455 | 302.592361 | 26.58 | 33.6647 |
| 302.429167 | 26.8 | 34.0788 | 302.511111 | 26.75 | 33.5133 | 302.592708 | 26.58 | 33.6324 |
| 302.429514 | 26.82 | 34.0673 | 302.511458 | 26.75 | 33.5824 | 302.593056 | 26.56 | 33.6993 |
| 302.429861 | 26.8 | 34.0645 | 302.511806 | 26.75 | 33.5686 | 302.593403 | 26.56 | 33.6761 |
| 302.430208 | 26.8 | 34.0265 | 302.512153 | 26.75 | 33.5363 | 302.59375 | 26.56 | 33.6668 |
| 302.430556 | 26.8 | 34.0123 | 302.5125 | 26.76 | 33.5537 | 302.594097 | 26.56 | 33.6761 |
| 302.430903 | 26.79 | 34.018 | 302.512847 | 26.78 | 33.5655 | 302.594444 | 26.56 | 33.69 |
| 302.43125 | 26.79 | 33.9944 | 302.513194 | 26.76 | 33.5906 | 302.594792 | 26.56 | 33.653 |
| 302.431597 | 26.8 | 33.9981 | 302.513542 | 26.72 | 33.5855 | 302.595139 | 26.56 | 33.6761 |
| 302.431944 | 26.82 | 33.9488 | 302.513889 | 26.72 | 33.521 | 302.595486 | 26.56 | 33.6206 |
| 302.432292 | 26.82 | 33.9488 | 302.514236 | 26.68 | 33.5758 | 302.595833 | 26.56 | 33.6437 |
| 302.432639 | 26.83 | 33.9337 | 302.514583 | 26.7 | 33.6106 | 302.596181 | 26.56 | 33.6206 |
| 302.432986 | 26.85 | 33.861 | 302.514931 | 26.69 | 33.6163 | 302.596528 | 26.58 | 33.6647 |
| 302.433333 | 26.85 | 33.8704 | 302.515278 | 26.66 | 33.6009 | 302.596875 | 26.56 | 33.653 |
| 302.433681 | 26.86 | 33.8647 | 302.515625 | 26.65 | 33.6158 | 302.597222 | 26.58 | 33.6093 |
| 302.434028 | 26.86 | 33.8506 | 302.515972 | 26.66 | 33.6102 | 302.597569 | 26.58 | 33.6786 |
| 302.434375 | 26.88 | 33.8299 | 302.516319 | 26.68 | 33.5758 | 302.597917 | 26.58 | 33.6416 |
| 302.434722 | 26.9 | 33.8044 | 302.516667 | 26.69 | 33.584 | 302.598264 | 26.58 | 33.6185 |
| 302.435069 | 26.9 | 33.842 | 302.517014 | 26.7 | 33.6106 | 302.598611 | 26.56 | 33.6668 |
| 302.435417 | 26.92 | 33.8025 | 302.517361 | 26.73 | 33.5706 | 302.598958 | 26.58 | 33.5955 |
| 302.435764 | 26.92 | 33.7556 | 302.517708 | 26.75 | 33.5271 | 302.599306 | 26.58 | 33.6416 |
| 302.436111 | 26.93 | 33.764 | 302.518056 | 26.73 | 33.6076 | 302.599653 | 26.56 | 33.6761 |
| 302.436458 | 26.95 | 33.7527 | 302.518403 | 26.72 | 33.5763 | 302.6 | 26.58 | 33.6416 |
| 302.436806 | 26.97 | 33.7647 | 302.51875 | 26.7 | 33.5645 | 302.600347 | 26.56 | 33.6668 |
| 302.437153 | 26.97 | 33.7273 | 302.519097 | 26.73 | 33.5845 | 302.600694 | 26.55 | 33.6494 |
| 302.4375 | 26.99 | 33.6787 | 302.519444 | 26.7 | 33.5645 | 302.601042 | 26.55 | 33.6355 |
| 302.437847 | 26.99 | 33.6787 | 302.519792 | 26.7 | 33.5968 | 302.601389 | 26.55 | 33.6494 |
| 302.438194 | 26.99 | 33.716 | 302.520139 | 26.69 | 33.584 | 302.601736 | 26.55 | 33.6263 |
| 302.438542 | 26.99 | 33.702 | 302.520486 | 26.68 | 33.6312 | 302.602083 | 26.55 | 33.6494 |
| 302.438889 | 26.99 | 33.6787 | 302.520833 | 26.68 | 33.6358 | 302.602431 | 26.56 | 33.653 |
| 302.439236 | 27 | 33.6731 | 302.521181 | 26.66 | 33.6333 | 302.602778 | 26.56 | 33.6761 |
| 302.439583 | 27.02 | 33.6246 | 302.521528 | 26.68 | 33.6543 | 302.603125 | 26.55 | 33.6355 |
| 302.439931 | 27.02 | 33.6618 | 302.521875 | 26.68 | 33.5989 | 302.603472 | 26.55 | 33.6725 |
| 302.440278 | 27.02 | 33.6478 | 302.522222 | 26.69 | 33.6394 | 302.603819 | 26.55 | 33.6586 |
| 302.440625 | 27.03 | 33.6422 | 302.522569 | 26.7 | 33.6338 | 302.604167 | 26.56 | 33.6761 |
| 302.440972 | 27.03 | 33.6655 | 302.522917 | 26.7 | 33.6199 | 302.604514 | 26.56 | 33.6299 |
| 302.441319 | 27.03 | 33.6655 | 302.523264 | 26.72 | 33.5993 | 302.604861 | 26.55 | 33.6263 |
| 302.441667 | 27.03 | 33.6562 | 302.523611 | 26.72 | 33.6086 | 302.605208 | 26.55 | 33.6494 |
| 302.442014 | 27.03 | 33.6562 | 302.523958 | 26.72 | 33.6225 | 302.605556 | 26.56 | 33.6437 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.442361 | 27.05 | 33.6449 | 302.524306 | 26.72 | 33.6086 | 302.605903 | 26.56 | 33.653 |
| 302.442708 | 27.03 | 33.6515 | 302.524653 | 26.73 | 33.6029 | 302.60625 | 26.56 | 33.6668 |
| 302.443056 | 27.02 | 33.6107 | 302.525 | 26.72 | 33.6456 | 302.606597 | 26.56 | 33.6668 |
| 302.443403 | 27.02 | 33.6246 | 302.525347 | 26.73 | 33.6631 | 302.606944 | 26.58 | 33.6647 |
| 302.44375 | 26.99 | 33.6276 | 302.525694 | 26.73 | 33.6261 | 302.607292 | 26.56 | 33.6668 |
| 302.444097 | 26.99 | 33.6276 | 302.526042 | 26.73 | 33.6029 | 302.607639 | 26.56 | 33.6068 |
| 302.444444 | 26.99 | 33.6276 | 302.526389 | 26.73 | 33.6168 | 302.607986 | 26.56 | 33.6299 |
| 302.444792 | 27 | 33.6452 | 302.526736 | 26.72 | 33.6688 | 302.608333 | 26.55 | 33.6725 |
| 302.445139 | 27.02 | 33.5413 | 302.527083 | 26.72 | 33.6317 | 302.608681 | 26.55 | 33.6957 |
| 302.445486 | 27 | 33.622 | 302.527431 | 26.72 | 33.6317 | 302.609028 | 26.55 | 33.6725 |
| 302.445833 | 27.02 | 33.6107 | 302.527778 | 26.73 | 33.6261 | 302.609375 | 26.56 | 33.6668 |
| 302.446181 | 27 | 33.6452 | 302.528125 | 26.73 | 33.5706 | 302.609722 | 26.55 | 33.6355 |
| 302.446528 | 27 | 33.608 | 302.528472 | 26.72 | 33.6549 | 302.610069 | 26.55 | 33.6586 |
| 302.446875 | 27 | 33.5988 | 302.528819 | 26.72 | 33.6317 | 302.610417 | 26.56 | 33.653 |
| 302.447222 | 27 | 33.5849 | 302.529167 | 26.72 | 33.6688 | 302.610764 | 26.55 | 33.6725 |
| 302.447569 | 27 | 33.5849 | 302.529514 | 26.72 | 33.6086 | 302.611111 | 26.55 | 33.6494 |
| 302.447917 | 27 | 33.622 | 302.529861 | 26.72 | 33.6688 | 302.611458 | 26.55 | 33.6355 |
| 302.448264 | 27 | 33.608 | 302.530208 | 26.72 | 33.6225 | 302.611806 | 26.56 | 33.6668 |
| 302.448611 | 26.99 | 33.6044 | 302.530556 | 26.72 | 33.6317 | 302.612153 | 26.55 | 33.705 |
| 302.448958 | 26.96 | 33.6445 | 302.530903 | 26.72 | 33.6317 | 302.6125 | 26.55 | 33.6263 |
| 302.449306 | 26.97 | 33.6157 | 302.53125 | 26.72 | 33.6456 | 302.612847 | 26.55 | 33.6725 |
| 302.449653 | 26.97 | 33.6249 | 302.531597 | 26.72 | 33.6456 | 302.613194 | 26.56 | 33.6668 |
| 302.45 | 26.99 | 33.5812 | 302.531944 | 26.72 | 33.6225 | 302.613542 | 26.56 | 33.6299 |
| 302.450347 | 27 | 33.5988 | 302.532292 | 26.72 | 33.6549 | 302.613889 | 26.56 | 33.653 |
| 302.450694 | 27 | 33.5941 | 302.532639 | 26.72 | 33.6086 | 302.614236 | 26.56 | 33.6299 |
| 302.451042 | 26.97 | 33.6157 | 302.532986 | 26.72 | 33.6688 | 302.614583 | 26.56 | 33.6437 |
| 302.451389 | 26.97 | 33.6157 | 302.533333 | 26.7 | 33.6199 | 302.614931 | 26.58 | 33.6555 |
| 302.451736 | 26.96 | 33.5842 | 302.533681 | 26.72 | 33.5855 | 302.615278 | 26.56 | 33.6299 |
| 302.452083 | 26.96 | 33.6306 | 302.534028 | 26.7 | 33.643 | 302.615625 | 26.58 | 33.6647 |
| 302.452431 | 26.97 | 33.5786 | 302.534375 | 26.7 | 33.6338 | 302.615972 | 26.56 | 33.6299 |
| 302.452778 | 26.99 | 33.5905 | 302.534722 | 26.68 | 33.6543 | 302.616319 | 26.56 | 33.6993 |
| 302.453125 | 26.97 | 33.5925 | 302.535069 | 26.68 | 33.6312 | 302.616667 | 26.56 | 33.6299 |
| 302.453472 | 26.97 | 33.5786 | 302.535417 | 26.66 | 33.6796 | 302.617014 | 26.58 | 33.5955 |
| 302.453819 | 26.97 | 33.5925 | 302.535764 | 26.65 | 33.6482 | 302.617361 | 26.58 | 33.6555 |
| 302.454167 | 26.96 | 33.6074 | 302.536111 | 26.65 | 33.6482 | 302.617708 | 26.58 | 33.6324 |
| 302.454514 | 26.93 | 33.6336 | 302.536458 | 26.65 | 33.6389 | 302.618056 | 26.58 | 33.6786 |
| 302.454861 | 26.96 | 33.5935 | 302.536806 | 26.65 | 33.6621 | 302.618403 | 26.58 | 33.6555 |
| 302.455208 | 26.96 | 33.6167 | 302.537153 | 26.65 | 33.6714 | 302.61875 | 26.58 | 33.7018 |
| 302.455556 | 26.96 | 33.6306 | 302.5375 | 26.65 | 33.6714 | 302.619097 | 26.58 | 33.6324 |
| 302.455903 | 26.96 | 33.5611 | 302.537847 | 26.65 | 33.6853 | 302.619444 | 26.58 | 33.6416 |
| 302.45625 | 26.96 | 33.5842 | 302.538194 | 26.63 | 33.6827 | 302.619792 | 26.58 | 33.6185 |
| 302.456597 | 26.96 | 33.6074 | 302.538542 | 26.63 | 33.6364 | 302.620139 | 26.58 | 33.6185 |
| 302.456944 | 26.95 | 33.5667 | 302.538889 | 26.65 | 33.6389 | 302.620486 | 26.58 | 33.6324 |
| 302.457292 | 26.93 | 33.5872 | 302.539236 | 26.65 | 33.6251 | 302.620833 | 26.59 | 33.6591 |
| 302.457639 | 26.93 | 33.6104 | 302.539583 | 26.65 | 33.6251 | 302.621181 | 26.59 | 33.6267 |
| 302.457986 | 26.93 | 33.6104 | 302.539931 | 26.65 | 33.6853 | 302.621528 | 26.59 | 33.6498 |
| 302.458333 | 26.93 | 33.6011 | 302.540278 | 26.63 | 33.6272 | 302.621875 | 26.59 | 33.6359 |
| 302.458681 | 26.93 | 33.578 | 302.540625 | 26.63 | 33.6827 | 302.622222 | 26.59 | 33.6359 |
| 302.459028 | 26.93 | 33.6475 | 302.540972 | 26.63 | 33.6133 | 302.622569 | 26.59 | 33.6498 |
| 302.459375 | 26.95 | 33.5298 | 302.541319 | 26.63 | 33.6595 | 302.622917 | 26.59 | 33.6359 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.459722 | 26.93 | 33.6011 | 302.541667 | 26.63 | 33.6364 | 302.623264 | 26.59 | 33.673 |
| 302.460069 | 26.93 | 33.6104 | 302.542014 | 26.65 | 33.6251 | 302.623611 | 26.59 | 33.6267 |
| 302.460417 | 26.93 | 33.541 | 302.542361 | 26.65 | 33.6389 | 302.623958 | 26.59 | 33.6359 |
| 302.460764 | 26.93 | 33.6104 | 302.542708 | 26.61 | 33.6015 | 302.624306 | 26.58 | 33.6555 |
| 302.461111 | 26.93 | 33.578 | 302.543056 | 26.59 | 33.6498 | 302.624653 | 26.59 | 33.6498 |
| 302.461458 | 26.93 | 33.578 | 302.543403 | 26.59 | 33.6498 | 302.625 | 26.58 | 33.6416 |
| 302.461806 | 26.93 | 33.5549 | 302.54375 | 26.61 | 33.6385 | 302.625347 | 26.56 | 33.6299 |
| 302.462153 | 26.92 | 33.5836 | 302.544097 | 26.62 | 33.6559 | 302.625694 | 26.58 | 33.6555 |
| 302.4625 | 26.93 | 33.5503 | 302.544444 | 26.61 | 33.6616 | 302.626042 | 26.58 | 33.6416 |
| 302.462847 | 26.93 | 33.5641 | 302.544792 | 26.61 | 33.6616 | 302.626389 | 26.56 | 33.69 |
| 302.463194 | 26.93 | 33.5872 | 302.545139 | 26.61 | 33.6385 | 302.626736 | 26.56 | 33.653 |
| 302.463542 | 26.9 | 33.581 | 302.545486 | 26.59 | 33.6267 | 302.627083 | 26.56 | 33.653 |
| 302.463889 | 26.9 | 33.6041 | 302.545833 | 26.61 | 33.6154 | 302.627431 | 26.55 | 33.6494 |
| 302.464236 | 26.89 | 33.5635 | 302.546181 | 26.61 | 33.6477 | 302.627778 | 26.56 | 33.6668 |
| 302.464583 | 26.89 | 33.6329 | 302.546528 | 26.61 | 33.6941 | 302.628125 | 26.56 | 33.6206 |
| 302.464931 | 26.89 | 33.5635 | 302.546875 | 26.62 | 33.619 | 302.628472 | 26.56 | 33.6761 |
| 302.465278 | 26.92 | 33.5605 | 302.547222 | 26.59 | 33.6359 | 302.628819 | 26.58 | 33.6786 |
| 302.465625 | 26.92 | 33.616 | 302.547569 | 26.58 | 33.6416 | 302.629167 | 26.58 | 33.6879 |
| 302.465972 | 26.92 | 33.5605 | 302.547917 | 26.58 | 33.6416 | 302.629514 | 26.56 | 33.6299 |
| 302.466319 | 26.93 | 33.5272 | 302.548264 | 26.58 | 33.6185 | 302.629861 | 26.56 | 33.6437 |
| 302.466667 | 26.93 | 33.5503 | 302.548611 | 26.56 | 33.6668 | 302.630208 | 26.58 | 33.6324 |
| 302.467014 | 26.93 | 33.5641 | 302.548958 | 26.56 | 33.6299 | 302.630556 | 26.58 | 33.6416 |
| 302.467361 | 26.95 | 33.576 | 302.549306 | 26.55 | 33.6355 | 302.630903 | 26.59 | 33.6591 |
| 302.467708 | 26.93 | 33.5734 | 302.549653 | 26.55 | 33.6124 | 302.63125 | 26.59 | 33.7054 |
| 302.468056 | 26.93 | 33.5734 | 302.55 | 26.53 | 33.6469 | 302.631597 | 26.59 | 33.6129 |
| 302.468403 | 26.93 | 33.5734 | 302.550347 | 26.53 | 33.6469 | 302.631944 | 26.59 | 33.6961 |
| 302.46875 | 26.95 | 33.5621 | 302.550694 | 26.55 | 33.6586 | 302.632292 | 26.59 | 33.6129 |
| 302.469097 | 26.93 | 33.5272 | 302.551042 | 26.53 | 33.6607 | 302.632639 | 26.59 | 33.6359 |
| 302.469444 | 26.93 | 33.5965 | 302.551389 | 26.53 | 33.6469 | 302.632986 | 26.59 | 33.6591 |
| 302.469792 | 26.93 | 33.541 | 302.551736 | 26.55 | 33.6586 | 302.633333 | 26.59 | 33.6267 |
| 302.470139 | 26.93 | 33.5272 | 302.552083 | 26.53 | 33.6376 | 302.633681 | 26.58 | 33.6786 |
| 302.470486 | 26.92 | 33.5559 | 302.552431 | 26.53 | 33.6376 | 302.634028 | 26.58 | 33.6555 |
| 302.470833 | 26.92 | 33.5559 | 302.552778 | 26.53 | 33.6607 | 302.634375 | 26.58 | 33.6555 |
| 302.471181 | 26.92 | 33.5328 | 302.553125 | 26.53 | 33.6469 | 302.634722 | 26.58 | 33.6555 |
| 302.471528 | 26.93 | 33.5272 | 302.553472 | 26.55 | 33.6355 | 302.635069 | 26.58 | 33.6416 |
| 302.471875 | 26.95 | 33.5621 | 302.553819 | 26.55 | 33.6263 | 302.635417 | 26.56 | 33.6668 |
| 302.472222 | 26.93 | 33.5503 | 302.554167 | 26.55 | 33.6263 | 302.635764 | 26.56 | 33.653 |
| 302.472569 | 26.93 | 33.5734 | 302.554514 | 26.55 | 33.6494 | 302.636111 | 26.56 | 33.6437 |
| 302.472917 | 26.92 | 33.5697 | 302.554861 | 26.55 | 33.6355 | 302.636458 | 26.56 | 33.6068 |
| 302.473264 | 26.89 | 33.5635 | 302.555208 | 26.55 | 33.6494 | 302.636806 | 26.58 | 33.6647 |
| 302.473611 | 26.89 | 33.5635 | 302.555556 | 26.55 | 33.6494 | 302.637153 | 26.58 | 33.6647 |
| 302.473958 | 26.9 | 33.5902 | 302.555903 | 26.56 | 33.6668 | 302.6375 | 26.56 | 33.6668 |
| 302.474306 | 26.9 | 33.5579 | 302.55625 | 26.56 | 33.6761 | 302.637847 | 26.58 | 33.6416 |
| 302.474653 | 26.89 | 33.5635 | 302.556597 | 26.56 | 33.6668 | 302.638194 | 26.56 | 33.653 |
| 302.475 | 26.89 | 33.5404 | 302.556944 | 26.56 | 33.6668 | 302.638542 | 26.58 | 33.6093 |
| 302.475347 | 26.89 | 33.5497 | 302.557292 | 26.58 | 33.6324 | 302.638889 | 26.58 | 33.6416 |
| 302.475694 | 26.89 | 33.5728 | 302.557639 | 26.59 | 33.6406 | 302.639236 | 26.56 | 33.6668 |
| 302.476042 | 26.88 | 33.5784 | 302.557986 | 26.61 | 33.6616 | 302.639583 | 26.56 | 33.6299 |
| 302.476389 | 26.88 | 33.5 | 302.558333 | 26.62 | 33.6884 | 302.639931 | 26.56 | 33.6668 |
| 302.476736 | 26.85 | 33.5491 | 302.558681 | 26.61 | 33.6246 | 302.640278 | 26.56 | 33.6437 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.477083 | 26.85 | 33.5722 | 302.559028 | 26.62 | 33.6421 | 302.640625 | 26.58 | 33.6324 |
| 302.477431 | 26.85 | 33.563 | 302.559375 | 26.61 | 33.5923 | 302.640972 | 26.58 | 33.6555 |
| 302.477778 | 26.86 | 33.5666 | 302.559722 | 26.62 | 33.6328 | 302.641319 | 26.58 | 33.6416 |
| 302.478125 | 26.86 | 33.5435 | 302.560069 | 26.62 | 33.5728 | 302.641667 | 26.58 | 33.6647 |
| 302.478472 | 26.88 | 33.5461 | 302.560417 | 26.61 | 33.6477 | 302.642014 | 26.58 | 33.6416 |
| 302.478819 | 26.86 | 33.5204 | 302.560764 | 26.59 | 33.6359 | 302.642361 | 26.58 | 33.6555 |
| 302.479167 | 26.86 | 33.5435 | 302.561111 | 26.59 | 33.6267 | 302.642708 | 26.58 | 33.6786 |
| 302.479514 | 26.86 | 33.5573 | 302.561458 | 26.59 | 33.6591 | 302.643056 | 26.58 | 33.6416 |
| 302.479861 | 26.86 | 33.5897 | 302.561806 | 26.58 | 33.6324 | 302.643403 | 26.58 | 33.6185 |
| 302.480208 | 26.86 | 33.5666 | 302.562153 | 26.58 | 33.6416 | 302.64375 | 26.58 | 33.6555 |
| 302.480556 | 26.86 | 33.5343 | 302.5625 | 26.59 | 33.6498 | 302.644097 | 26.58 | 33.6555 |
| 302.480903 | 26.89 | 33.5266 | 302.562847 | 26.59 | 33.6267 | 302.644444 | 26.58 | 33.6647 |
| 302.48125 | 26.89 | 33.5497 | 302.563194 | 26.59 | 33.6591 | 302.644792 | 26.58 | 33.6555 |
| 302.481597 | 26.89 | 33.5635 | 302.563542 | 26.61 | 33.6385 | 302.645139 | 26.58 | 33.6786 |
| 302.481944 | 26.9 | 33.581 | 302.563889 | 26.61 | 33.6385 | 302.645486 | 26.58 | 33.6786 |
| 302.482292 | 26.88 | 33.5784 | 302.564236 | 26.61 | 33.6246 | 302.645833 | 26.56 | 33.6299 |
| 302.482639 | 26.89 | 33.5497 | 302.564583 | 26.61 | 33.6385 | 302.646181 | 26.56 | 33.653 |
| 302.482986 | 26.89 | 33.5728 | 302.564931 | 26.61 | 33.6709 | 302.646528 | 26.56 | 33.7132 |
| 302.483333 | 26.88 | 33.5784 | 302.565278 | 26.61 | 33.6385 | 302.646875 | 26.56 | 33.69 |
| 302.483681 | 26.88 | 33.5784 | 302.565625 | 26.61 | 33.6385 | 302.647222 | 26.58 | 33.6647 |
| 302.484028 | 26.88 | 33.5692 | 302.565972 | 26.62 | 33.619 | 302.647569 | 26.58 | 33.6555 |
| 302.484375 | 26.88 | 33.5322 | 302.566319 | 26.62 | 33.6559 | 302.647917 | 26.58 | 33.6879 |
| 302.484722 | 26.86 | 33.5112 | 302.566667 | 26.62 | 33.6328 | 302.648264 | 26.58 | 33.6324 |
| 302.485069 | 26.82 | 33.566 | 302.567014 | 26.62 | 33.6328 | 302.648611 | 26.56 | 33.6761 |
| 302.485417 | 26.82 | 33.566 | 302.567361 | 26.62 | 33.6559 | 302.648958 | 26.56 | 33.69 |
| 302.485764 | 26.79 | 33.5368 | 302.567708 | 26.62 | 33.5867 | 302.649306 | 26.58 | 33.6647 |
| 302.486111 | 26.79 | 33.5737 | 302.568056 | 26.62 | 33.6559 | 302.649653 | 26.56 | 33.69 |
| 302.486458 | 26.78 | 33.5886 | 302.568403 | 26.62 | 33.619 | 302.65 | 26.56 | 33.653 |
| 302.486806 | 26.79 | 33.5506 | 302.56875 | 26.62 | 33.5959 | 302.650347 | 26.56 | 33.6437 |
| 302.487153 | 26.78 | 33.5655 | 302.569097 | 26.62 | 33.6421 | 302.650694 | 26.58 | 33.7018 |
| 302.4875 | 26.76 | 33.5537 | 302.569444 | 26.62 | 33.6097 | 302.651042 | 26.58 | 33.6786 |
| 302.487847 | 26.75 | 33.5593 | 302.569792 | 26.62 | 33.6559 | 302.651389 | 26.58 | 33.6647 |
| 302.488194 | 26.73 | 33.6168 | 302.570139 | 26.61 | 33.6385 | 302.651736 | 26.58 | 33.6555 |
| 302.488542 | 26.73 | 33.5845 | 302.570486 | 26.61 | 33.6385 | 302.652083 | 26.58 | 33.6647 |
| 302.488889 | 26.73 | 33.5937 | 302.570833 | 26.62 | 33.6328 | 302.652431 | 26.58 | 33.6647 |
| 302.489236 | 26.75 | 33.5732 | 302.571181 | 26.61 | 33.6246 | 302.652778 | 26.58 | 33.6647 |
| 302.489583 | 26.73 | 33.5845 | 302.571528 | 26.61 | 33.6154 | 302.653125 | 26.58 | 33.6555 |
| 302.489931 | 26.73 | 33.5937 | 302.571875 | 26.61 | 33.6154 | 302.653472 | 26.58 | 33.6185 |
| 302.490278 | 26.73 | 33.6076 | 302.572222 | 26.61 | 33.6477 | 302.653819 | 26.56 | 33.6437 |
| 302.490625 | 26.73 | 33.5614 | 302.572569 | 26.61 | 33.6246 | 302.654167 | 26.56 | 33.6761 |
| 302.490972 | 26.7 | 33.6245 | 302.572917 | 26.61 | 33.6154 | 302.654514 | 26.58 | 33.6555 |
| 302.491319 | 26.7 | 33.6014 | 302.573264 | 26.61 | 33.6848 | 302.654861 | 26.58 | 33.6879 |
| 302.491667 | 26.69 | 33.6163 | 302.573611 | 26.61 | 33.6709 | 302.655208 | 26.58 | 33.6555 |
| 302.492014 | 26.69 | 33.584 | 302.573958 | 26.61 | 33.6154 | 302.655556 | 26.58 | 33.6647 |
| 302.492361 | 26.69 | 33.6394 | 302.574306 | 26.61 | 33.5785 | 302.655903 | 26.58 | 33.6647 |
| 302.492708 | 26.69 | 33.6071 | 302.574653 | 26.61 | 33.6246 | 302.65625 | 26.58 | 33.6555 |
| 302.493056 | 26.7 | 33.6014 | 302.575 | 26.61 | 33.6246 | 302.656597 | 26.58 | 33.6416 |
| 302.493403 | 26.69 | 33.5609 | 302.575347 | 26.61 | 33.6385 | 302.656944 | 26.58 | 33.6647 |
| 302.49375 | 26.7 | 33.6106 | 302.575694 | 26.61 | 33.6477 | 302.657292 | 26.58 | 33.6879 |
| 302.494097 | 26.68 | 33.5896 | 302.576042 | 26.61 | 33.6477 | 302.657639 | 26.58 | 33.6185 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.494444 | 26.69 | 33.5702 | 302.576389 | 26.61 | 33.6385 | 302.657986 | 26.58 | 33.6185 |
| 302.494792 | 26.69 | 33.5932 | 302.576736 | 26.61 | 33.6477 | 302.658333 | 26.58 | 33.6416 |
| 302.495139 | 26.66 | 33.5871 | 302.577083 | 26.61 | 33.6616 | 302.658681 | 26.58 | 33.6416 |
| 302.495486 | 26.68 | 33.6127 | 302.577431 | 26.61 | 33.6477 | 302.659028 | 26.58 | 33.6416 |
| 302.495833 | 26.65 | 33.6158 | 302.577778 | 26.61 | 33.6385 | 302.659375 | 26.58 | 33.6786 |
| 302.496181 | 26.65 | 33.6158 | 302.578125 | 26.61 | 33.6385 | 302.659722 | 26.58 | 33.6555 |
| 302.496528 | 26.66 | 33.5871 | 302.578472 | 26.61 | 33.6385 | 302.660069 | 26.58 | 33.6555 |
| 302.496875 | 26.68 | 33.6358 | 302.578819 | 26.61 | 33.6015 | 302.660417 | 26.58 | 33.6555 |
| 302.497222 | 26.7 | 33.5783 | 302.579167 | 26.61 | 33.6385 | 302.660764 | 26.58 | 33.6555 |
| 302.497569 | 26.7 | 33.6245 | 302.579514 | 26.62 | 33.6328 | 302.661111 | 26.58 | 33.6324 |
| 302.497917 | 26.69 | 33.5932 | 302.579861 | 26.61 | 33.6154 | 302.661458 | 26.58 | 33.6416 |
| 302.498264 | 26.68 | 33.5666 | 302.580208 | 26.61 | 33.6477 | 302.661806 | 26.58 | 33.6324 |
| 302.498611 | 26.69 | 33.5702 | 302.580556 | 26.62 | 33.6421 | 302.662153 | 26.58 | 33.6879 |
| 302.498958 | 26.7 | 33.5876 | 302.580903 | 26.62 | 33.619 | 302.6625 | 26.58 | 33.6647 |
| 302.499306 | 26.7 | 33.6014 | 302.58125 | 26.61 | 33.6477 | 302.662847 | 26.58 | 33.6555 |
| 302.499653 | 26.7 | 33.5876 | 302.581597 | 26.62 | 33.6328 | 302.663194 | 26.58 | 33.6416 |
| 302.5 | 26.7 | 33.5876 | 302.581944 | 26.62 | 33.5959 | 302.663542 | 26.58 | 33.6324 |
| 302.500347 | 26.7 | 33.5783 | 302.582292 | 26.62 | 33.6328 | 302.663889 | 26.58 | 33.6324 |
| 302.500694 | 26.7 | 33.6014 | 302.582639 | 26.61 | 33.6385 | 302.664236 | 26.58 | 33.6647 |
| 302.501042 | 26.7 | 33.6014 | 302.582986 | 26.61 | 33.6477 | 302.664583 | 26.58 | 33.6555 |
| 302.501389 | 26.69 | 33.5932 | 302.583333 | 26.61 | 33.6385 | 302.664931 | 26.59 | 33.6359 |
| 302.501736 | 26.68 | 33.5989 | 302.583681 | 26.61 | 33.6709 | 302.665278 | 26.59 | 33.6359 |
| 302.502083 | 26.66 | 33.5871 | 302.584028 | 26.59 | 33.6359 | 302.665625 | 26.61 | 33.6709 |
| 302.502431 | 26.66 | 33.6009 | 302.584375 | 26.59 | 33.6129 | 302.665972 | 26.62 | 33.6652 |
| 302.502778 | 26.65 | 33.6297 | 302.584722 | 26.59 | 33.6498 | 302.666319 | 26.63 | 33.6595 |
| 302.503125 | 26.66 | 33.6009 | 302.585069 | 26.59 | 33.6267 | 302.666667 | 26.66 | 33.6102 |
| 302.503472 | 26.65 | 33.5928 | 302.585417 | 26.61 | 33.6385 | 302.667014 | 26.68 | 33.562 |
| 302.503819 | 26.66 | 33.5641 | 302.585764 | 26.61 | 33.6709 | 302.667361 | 26.72 | 33.6317 |
| 302.504167 | 26.65 | 33.6297 | 302.586111 | 26.61 | 33.6616 | 302.667708 | 26.73 | 33.5937 |
| 302.504514 | 26.65 | 33.6389 | 302.586458 | 26.61 | 33.6709 | 302.668056 | 26.76 | 33.586 |
| 302.504861 | 26.66 | 33.624 | 302.586806 | 26.61 | 33.6709 | 302.668403 | 26.78 | 33.5286 |
| 302.505208 | 26.65 | 33.5928 | 302.587153 | 26.61 | 33.6477 | 302.66875 | 26.82 | 33.474 |
| 302.505556 | 26.66 | 33.5871 | 302.5875 | 26.62 | 33.619 | 302.669097 | 26.85 | 33.5031 |
| 302.505903 | 26.66 | 33.5779 | 302.587847 | 26.61 | 33.6477 | 302.669444 | 26.88 | 33.4495 |
| 302.50625 | 26.68 | 33.5896 | 302.588194 | 26.61 | 33.6477 | 302.669792 | 26.89 | 33.5036 |
| 302.506597 | 26.69 | 33.5702 | 302.588542 | 26.59 | 33.6129 | 302.670139 | 26.89 | 33.4347 |
| 302.506944 | 26.69 | 33.5609 | | | | | | |

DPS2-3

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.947222 | 25.64 | 33.7132 | 303.0375 | 26.65 | 33.6559 | 303.127431 | 26.35 | 33.6878 |
| 302.947569 | 25.77 | 33.5798 | 303.037847 | 26.65 | 33.6329 | 303.127778 | 26.35 | 33.6786 |
| 302.947917 | 25.8 | 33.5853 | 303.038194 | 26.65 | 33.5733 | 303.128125 | 26.35 | 33.6648 |
| 302.948264 | 25.81 | 33.5208 | 303.038542 | 26.65 | 33.6651 | 303.128472 | 26.35 | 33.6878 |
| 302.948611 | 25.87 | 33.4958 | 303.038889 | 26.65 | 33.6099 | 303.128819 | 26.35 | 33.7016 |
| 302.948958 | 25.9 | 33.5149 | 303.039236 | 26.65 | 33.6421 | 303.129167 | 26.35 | 33.6557 |
| 302.949306 | 25.92 | 33.5216 | 303.039583 | 26.65 | 33.5962 | 303.129514 | 26.36 | 33.6729 |
| 302.949653 | 25.95 | 33.5499 | 303.039931 | 26.65 | 33.6651 | 303.129861 | 26.35 | 33.7108 |
| 302.95 | 25.97 | 33.5295 | 303.040278 | 26.65 | 33.6421 | 303.130208 | 26.35 | 33.7338 |
| 302.950347 | 26 | 33.5306 | 303.040625 | 26.65 | 33.6191 | 303.130556 | 26.36 | 33.7051 |
| 302.950694 | 26.02 | 33.5419 | 303.040972 | 26.65 | 33.6329 | 303.130903 | 26.36 | 33.7051 |
| 302.951042 | 26.04 | 33.5668 | 303.041319 | 26.65 | 33.6421 | 303.13125 | 26.36 | 33.6821 |
| 302.951389 | 26.11 | 33.5272 | 303.041667 | 26.65 | 33.6329 | 303.131597 | 26.36 | 33.7051 |
| 302.951736 | 26.17 | 33.5568 | 303.042014 | 26.65 | 33.5962 | 303.131944 | 26.36 | 33.7051 |
| 302.952083 | 26.21 | 33.5478 | 303.042361 | 26.65 | 33.6099 | 303.132292 | 26.38 | 33.6478 |
| 302.952431 | 26.22 | 33.5648 | 303.042708 | 26.65 | 33.6191 | 303.132639 | 26.36 | 33.7189 |
| 302.952778 | 26.25 | 33.5479 | 303.043056 | 26.65 | 33.6329 | 303.132986 | 26.36 | 33.6821 |
| 302.953125 | 26.26 | 33.5422 | 303.043403 | 26.65 | 33.587 | 303.133333 | 26.38 | 33.6937 |
| 302.953472 | 26.28 | 33.4946 | 303.04375 | 26.65 | 33.6421 | 303.133681 | 26.36 | 33.6271 |
| 302.953819 | 26.26 | 33.4968 | 303.044097 | 26.63 | 33.6442 | 303.134028 | 26.36 | 33.7189 |
| 302.954167 | 26.26 | 33.5286 | 303.044444 | 26.62 | 33.6131 | 303.134375 | 26.38 | 33.7305 |
| 302.954514 | 26.24 | 33.5308 | 303.044792 | 26.62 | 33.636 | 303.134722 | 26.38 | 33.7167 |
| 302.954861 | 26.26 | 33.515 | 303.045139 | 26.62 | 33.6498 | 303.135069 | 26.38 | 33.6845 |
| 302.955208 | 26.28 | 33.5264 | 303.045486 | 26.62 | 33.6131 | 303.135417 | 26.39 | 33.7111 |
| 302.955556 | 26.26 | 33.4832 | 303.045833 | 26.62 | 33.6498 | 303.135764 | 26.39 | 33.7341 |
| 302.955903 | 26.25 | 33.4798 | 303.046181 | 26.62 | 33.6269 | 303.136111 | 26.39 | 33.7018 |
| 302.95625 | 26.25 | 33.4798 | 303.046528 | 26.61 | 33.6785 | 303.136458 | 26.39 | 33.7111 |
| 302.956597 | 26.26 | 33.4742 | 303.046875 | 26.61 | 33.6325 | 303.136806 | 26.42 | 33.6848 |
| 302.956944 | 26.26 | 33.4154 | 303.047222 | 26.61 | 33.6555 | 303.137153 | 26.42 | 33.671 |
| 302.957292 | 26.26 | 33.4515 | 303.047569 | 26.62 | 33.659 | 303.1375 | 26.41 | 33.7227 |
| 302.957639 | 26.26 | 33.4606 | 303.047917 | 26.62 | 33.636 | 303.137847 | 26.39 | 33.6881 |
| 302.957986 | 26.26 | 33.4832 | 303.048264 | 26.61 | 33.6417 | 303.138194 | 26.41 | 33.6997 |
| 302.958333 | 26.29 | 33.5435 | 303.048611 | 26.61 | 33.6555 | 303.138542 | 26.41 | 33.7135 |
| 302.958681 | 26.29 | 33.5662 | 303.048958 | 26.62 | 33.636 | 303.138889 | 26.39 | 33.6881 |
| 302.959028 | 26.34 | 33.5152 | 303.049306 | 26.62 | 33.5902 | 303.139236 | 26.39 | 33.7479 |
| 302.959375 | 26.36 | 33.5267 | 303.049653 | 26.62 | 33.6269 | 303.139583 | 26.41 | 33.6675 |
| 302.959722 | 26.36 | 33.4813 | 303.05 | 26.61 | 33.6417 | 303.139931 | 26.39 | 33.7018 |
| 302.960069 | 26.32 | 33.5038 | 303.050347 | 26.62 | 33.6269 | 303.140278 | 26.41 | 33.6767 |
| 302.960417 | 26.32 | 33.4494 | 303.050694 | 26.62 | 33.6821 | 303.140625 | 26.39 | 33.6789 |
| 302.960764 | 26.34 | 33.4472 | 303.051042 | 26.62 | 33.636 | 303.140972 | 26.39 | 33.6881 |
| 302.961111 | 26.36 | 33.4722 | 303.051389 | 26.62 | 33.6728 | 303.141319 | 26.41 | 33.7365 |
| 302.961458 | 26.35 | 33.5323 | 303.051736 | 26.62 | 33.6498 | 303.141667 | 26.41 | 33.6997 |
| 302.961806 | 26.32 | 33.5038 | 303.052083 | 26.62 | 33.6039 | 303.142014 | 26.41 | 33.6905 |
| 302.962153 | 26.34 | 33.5062 | 303.052431 | 26.62 | 33.6131 | 303.142361 | 26.42 | 33.671 |
| 302.9625 | 26.35 | 33.5096 | 303.052778 | 26.62 | 33.659 | 303.142708 | 26.42 | 33.6848 |
| 302.962847 | 26.34 | 33.4608 | 303.053125 | 26.62 | 33.6269 | 303.143056 | 26.41 | 33.7135 |
| 302.963194 | 26.34 | 33.4699 | 303.053472 | 26.62 | 33.5902 | 303.143403 | 26.42 | 33.717 |
| 302.963542 | 26.35 | 33.4552 | 303.053819 | 26.62 | 33.6269 | 303.14375 | 26.42 | 33.6848 |
| 302.963889 | 26.36 | 33.436 | 303.054167 | 26.62 | 33.6131 | 303.144097 | 26.42 | 33.7078 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.964236 | 26.42 | 33.4793 | 303.054514 | 26.62 | 33.6959 | 303.144444 | 26.42 | 33.6848 |
| 302.964583 | 26.44 | 33.468 | 303.054861 | 26.62 | 33.6498 | 303.144792 | 26.42 | 33.671 |
| 302.964931 | 26.46 | 33.4931 | 303.055208 | 26.62 | 33.636 | 303.145139 | 26.42 | 33.671 |
| 302.965278 | 26.46 | 33.5022 | 303.055556 | 26.62 | 33.659 | 303.145486 | 26.41 | 33.7227 |
| 302.965625 | 26.48 | 33.491 | 303.055903 | 26.62 | 33.6269 | 303.145833 | 26.42 | 33.7078 |
| 302.965972 | 26.49 | 33.5308 | 303.05625 | 26.62 | 33.6269 | 303.146181 | 26.42 | 33.7078 |
| 302.966319 | 26.49 | 33.5308 | 303.056597 | 26.62 | 33.6269 | 303.146528 | 26.42 | 33.6848 |
| 302.966667 | 26.49 | 33.5308 | 303.056944 | 26.61 | 33.6187 | 303.146875 | 26.42 | 33.6481 |
| 302.967014 | 26.49 | 33.499 | 303.057292 | 26.61 | 33.6187 | 303.147222 | 26.42 | 33.6848 |
| 302.967361 | 26.49 | 33.5081 | 303.057639 | 26.61 | 33.6325 | 303.147569 | 26.42 | 33.671 |
| 302.967708 | 26.49 | 33.4853 | 303.057986 | 26.61 | 33.6095 | 303.147917 | 26.42 | 33.6481 |
| 302.968056 | 26.49 | 33.5081 | 303.058333 | 26.61 | 33.6417 | 303.148264 | 26.42 | 33.7078 |
| 302.968403 | 26.51 | 33.4968 | 303.058681 | 26.61 | 33.6417 | 303.148611 | 26.42 | 33.717 |
| 302.96875 | 26.55 | 33.4971 | 303.059028 | 26.61 | 33.6417 | 303.148958 | 26.42 | 33.7401 |
| 302.969097 | 26.55 | 33.4516 | 303.059375 | 26.59 | 33.6208 | 303.149306 | 26.42 | 33.7401 |
| 302.969444 | 26.55 | 33.4744 | 303.059722 | 26.59 | 33.63 | 303.149653 | 26.39 | 33.7249 |
| 302.969792 | 26.56 | 33.5599 | 303.060069 | 26.58 | 33.6586 | 303.15 | 26.42 | 33.6848 |
| 302.970139 | 26.56 | 33.5006 | 303.060417 | 26.59 | 33.6438 | 303.150347 | 26.39 | 33.7111 |
| 302.970486 | 26.56 | 33.5234 | 303.060764 | 26.58 | 33.6357 | 303.150694 | 26.39 | 33.7018 |
| 302.970833 | 26.55 | 33.5199 | 303.061111 | 26.59 | 33.63 | 303.151042 | 26.39 | 33.6881 |
| 302.971181 | 26.55 | 33.488 | 303.061458 | 26.59 | 33.63 | 303.151389 | 26.41 | 33.7365 |
| 302.971528 | 26.55 | 33.4971 | 303.061806 | 26.58 | 33.6494 | 303.151736 | 26.41 | 33.6997 |
| 302.971875 | 26.56 | 33.4915 | 303.062153 | 26.58 | 33.5898 | 303.152083 | 26.39 | 33.7479 |
| 302.972222 | 26.55 | 33.529 | 303.0625 | 26.58 | 33.6494 | 303.152431 | 26.42 | 33.6848 |
| 302.972569 | 26.56 | 33.5006 | 303.062847 | 26.58 | 33.6265 | 303.152778 | 26.42 | 33.7401 |
| 302.972917 | 26.56 | 33.5462 | 303.063194 | 26.58 | 33.6357 | 303.153125 | 26.42 | 33.717 |
| 302.973264 | 26.56 | 33.4915 | 303.063542 | 26.58 | 33.6357 | 303.153472 | 26.42 | 33.671 |
| 302.973611 | 26.58 | 33.5486 | 303.063889 | 26.58 | 33.6816 | 303.153819 | 26.42 | 33.7078 |
| 302.973958 | 26.58 | 33.5121 | 303.064236 | 26.58 | 33.6265 | 303.154167 | 26.42 | 33.694 |
| 302.974306 | 26.58 | 33.5258 | 303.064583 | 26.58 | 33.6265 | 303.154514 | 26.42 | 33.6848 |
| 302.974653 | 26.58 | 33.5258 | 303.064931 | 26.58 | 33.6586 | 303.154861 | 26.42 | 33.717 |
| 302.975 | 26.58 | 33.5486 | 303.065278 | 26.58 | 33.6357 | 303.155208 | 26.42 | 33.694 |
| 302.975347 | 26.59 | 33.5065 | 303.065625 | 26.58 | 33.6265 | 303.155556 | 26.42 | 33.717 |
| 302.975694 | 26.59 | 33.5202 | 303.065972 | 26.58 | 33.6724 | 303.155903 | 26.42 | 33.694 |
| 302.976042 | 26.61 | 33.5181 | 303.066319 | 26.56 | 33.624 | 303.15625 | 26.42 | 33.7401 |
| 302.976389 | 26.59 | 33.5293 | 303.066667 | 26.56 | 33.6378 | 303.156597 | 26.42 | 33.717 |
| 302.976736 | 26.59 | 33.575 | 303.067014 | 26.56 | 33.6378 | 303.156944 | 26.42 | 33.7493 |
| 302.977083 | 26.59 | 33.5659 | 303.067361 | 26.56 | 33.624 | 303.157292 | 26.42 | 33.694 |
| 302.977431 | 26.61 | 33.5409 | 303.067708 | 26.55 | 33.6434 | 303.157639 | 26.42 | 33.7493 |
| 302.977778 | 26.59 | 33.5065 | 303.068056 | 26.55 | 33.6756 | 303.157986 | 26.42 | 33.7401 |
| 302.978125 | 26.59 | 33.5521 | 303.068403 | 26.56 | 33.6699 | 303.158333 | 26.44 | 33.761 |
| 302.978472 | 26.61 | 33.5409 | 303.06875 | 26.55 | 33.6526 | 303.158681 | 26.42 | 33.7401 |
| 302.978819 | 26.61 | 33.5181 | 303.069097 | 26.55 | 33.5975 | 303.159028 | 26.42 | 33.7724 |
| 302.979167 | 26.59 | 33.5521 | 303.069444 | 26.55 | 33.6342 | 303.159375 | 26.42 | 33.7309 |
| 302.979514 | 26.59 | 33.5659 | 303.069792 | 26.55 | 33.6572 | 303.159722 | 26.42 | 33.7078 |
| 302.979861 | 26.61 | 33.4953 | 303.070139 | 26.55 | 33.6664 | 303.160069 | 26.42 | 33.7078 |
| 302.980208 | 26.61 | 33.5546 | 303.070486 | 26.55 | 33.6572 | 303.160417 | 26.44 | 33.6965 |
| 302.980556 | 26.61 | 33.5546 | 303.070833 | 26.55 | 33.6205 | 303.160764 | 26.44 | 33.7195 |
| 302.980903 | 26.62 | 33.5353 | 303.071181 | 26.55 | 33.6526 | 303.161111 | 26.44 | 33.6827 |
| 302.98125 | 26.62 | 33.5353 | 303.071528 | 26.55 | 33.6434 | 303.161458 | 26.45 | 33.6908 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.981597 | 26.62 | 33.5353 | 303.071875 | 26.55 | 33.6526 | 303.161806 | 26.44 | 33.6965 |
| 302.981944 | 26.62 | 33.4897 | 303.072222 | 26.55 | 33.6434 | 303.162153 | 26.41 | 33.7135 |
| 302.982292 | 26.62 | 33.5581 | 303.072569 | 26.55 | 33.6664 | 303.1625 | 26.42 | 33.7078 |
| 302.982639 | 26.62 | 33.549 | 303.072917 | 26.55 | 33.5975 | 303.162847 | 26.42 | 33.6481 |
| 302.982986 | 26.63 | 33.5433 | 303.073264 | 26.53 | 33.6409 | 303.163194 | 26.46 | 33.6714 |
| 302.983333 | 26.62 | 33.5353 | 303.073611 | 26.53 | 33.7007 | 303.163542 | 26.46 | 33.6392 |
| 302.983681 | 26.63 | 33.5754 | 303.073958 | 26.53 | 33.7007 | 303.163889 | 26.48 | 33.6142 |
| 302.984028 | 26.63 | 33.5662 | 303.074306 | 26.53 | 33.6318 | 303.164236 | 26.51 | 33.5972 |
| 302.984375 | 26.63 | 33.5525 | 303.074653 | 26.53 | 33.6869 | 303.164583 | 26.62 | 33.5261 |
| 302.984722 | 26.65 | 33.5321 | 303.075 | 26.53 | 33.6409 | 303.164931 | 26.63 | 33.5433 |
| 302.985069 | 26.65 | 33.5962 | 303.075347 | 26.53 | 33.6869 | 303.165278 | 26.63 | 33.5205 |
| 302.985417 | 26.65 | 33.587 | 303.075694 | 26.53 | 33.6226 | 303.165625 | 26.63 | 33.5433 |
| 302.985764 | 26.65 | 33.555 | 303.076042 | 26.53 | 33.6639 | 303.165972 | 26.65 | 33.5093 |
| 302.986111 | 26.63 | 33.5616 | 303.076389 | 26.53 | 33.6226 | 303.166319 | 26.65 | 33.4501 |
| 302.986458 | 26.65 | 33.555 | 303.076736 | 26.53 | 33.6547 | 303.166667 | 26.63 | 33.5296 |
| 302.986806 | 26.63 | 33.5754 | 303.077083 | 26.53 | 33.6639 | 303.167014 | 26.63 | 33.5296 |
| 302.987153 | 26.63 | 33.5662 | 303.077431 | 26.53 | 33.6639 | 303.167361 | 26.61 | 33.5089 |
| 302.9875 | 26.63 | 33.5525 | 303.077778 | 26.53 | 33.6455 | 303.167708 | 26.62 | 33.5261 |
| 302.987847 | 26.63 | 33.5433 | 303.078125 | 26.53 | 33.6777 | 303.168056 | 26.62 | 33.5353 |
| 302.988194 | 26.63 | 33.6074 | 303.078472 | 26.53 | 33.6639 | 303.168403 | 26.62 | 33.5261 |
| 302.988542 | 26.62 | 33.5902 | 303.078819 | 26.53 | 33.6318 | 303.16875 | 26.62 | 33.549 |
| 302.988889 | 26.62 | 33.6131 | 303.079167 | 26.52 | 33.6696 | 303.169097 | 26.61 | 33.5546 |
| 302.989236 | 26.63 | 33.5754 | 303.079514 | 26.53 | 33.6455 | 303.169444 | 26.61 | 33.5318 |
| 302.989583 | 26.62 | 33.6269 | 303.079861 | 26.53 | 33.6226 | 303.169792 | 26.61 | 33.4953 |
| 302.989931 | 26.62 | 33.5261 | 303.080208 | 26.53 | 33.6547 | 303.170139 | 26.61 | 33.4862 |
| 302.990278 | 26.62 | 33.5581 | 303.080556 | 26.53 | 33.6226 | 303.170486 | 26.61 | 33.5089 |
| 302.990625 | 26.62 | 33.5902 | 303.080903 | 26.52 | 33.6466 | 303.170833 | 26.61 | 33.4725 |
| 302.990972 | 26.62 | 33.5902 | 303.08125 | 26.52 | 33.6604 | 303.171181 | 26.61 | 33.5181 |
| 302.991319 | 26.62 | 33.6039 | 303.081597 | 26.53 | 33.6639 | 303.171528 | 26.61 | 33.5637 |
| 302.991667 | 26.62 | 33.5581 | 303.081944 | 26.53 | 33.6088 | 303.171875 | 26.61 | 33.5181 |
| 302.992014 | 26.62 | 33.581 | 303.082292 | 26.52 | 33.6007 | 303.172222 | 26.59 | 33.5065 |
| 302.992361 | 26.62 | 33.6039 | 303.082639 | 26.52 | 33.6604 | 303.172569 | 26.59 | 33.5065 |
| 302.992708 | 26.62 | 33.5673 | 303.082986 | 26.52 | 33.6604 | 303.172917 | 26.59 | 33.5293 |
| 302.993056 | 26.62 | 33.581 | 303.083333 | 26.52 | 33.6696 | 303.173264 | 26.59 | 33.5202 |
| 302.993403 | 26.63 | 33.5662 | 303.083681 | 26.52 | 33.6696 | 303.173611 | 26.58 | 33.5258 |
| 302.99375 | 26.63 | 33.5433 | 303.084028 | 26.52 | 33.6512 | 303.173958 | 26.58 | 33.5258 |
| 302.994097 | 26.62 | 33.6039 | 303.084375 | 26.51 | 33.6752 | 303.174306 | 26.58 | 33.5486 |
| 302.994444 | 26.62 | 33.5902 | 303.084722 | 26.51 | 33.6752 | 303.174653 | 26.56 | 33.5371 |
| 302.994792 | 26.62 | 33.581 | 303.085069 | 26.51 | 33.6522 | 303.175 | 26.56 | 33.5462 |
| 302.995139 | 26.62 | 33.549 | 303.085417 | 26.51 | 33.6431 | 303.175347 | 26.56 | 33.5371 |
| 302.995486 | 26.62 | 33.5718 | 303.085764 | 26.51 | 33.689 | 303.175694 | 26.56 | 33.5462 |
| 302.995833 | 26.62 | 33.6498 | 303.086111 | 26.51 | 33.6339 | 303.176042 | 26.56 | 33.5143 |
| 302.996181 | 26.62 | 33.6039 | 303.086458 | 26.51 | 33.6798 | 303.176389 | 26.55 | 33.5655 |
| 302.996528 | 26.62 | 33.5902 | 303.086806 | 26.51 | 33.689 | 303.176736 | 26.55 | 33.5427 |
| 302.996875 | 26.62 | 33.6039 | 303.087153 | 26.51 | 33.6339 | 303.177083 | 26.55 | 33.5518 |
| 302.997222 | 26.62 | 33.6131 | 303.0875 | 26.49 | 33.7096 | 303.177431 | 26.55 | 33.5199 |
| 302.997569 | 26.62 | 33.6039 | 303.087847 | 26.49 | 33.6774 | 303.177778 | 26.55 | 33.5518 |
| 302.997917 | 26.62 | 33.581 | 303.088194 | 26.49 | 33.6544 | 303.178125 | 26.55 | 33.5655 |
| 302.998264 | 26.62 | 33.6131 | 303.088542 | 26.49 | 33.6774 | 303.178472 | 26.55 | 33.5518 |
| 302.998611 | 26.62 | 33.5581 | 303.088889 | 26.49 | 33.6223 | 303.178819 | 26.55 | 33.5655 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.998958 | 26.62 | 33.581 | 303.089236 | 26.49 | 33.6682 | 303.179167 | 26.55 | 33.5199 |
| 302.999306 | 26.62 | 33.5902 | 303.089583 | 26.49 | 33.6866 | 303.179514 | 26.53 | 33.5631 |
| 302.999653 | 26.62 | 33.5581 | 303.089931 | 26.49 | 33.6682 | 303.179861 | 26.53 | 33.5311 |
| 303 | 26.62 | 33.6039 | 303.090278 | 26.49 | 33.6314 | 303.180208 | 26.53 | 33.5768 |
| 303.000347 | 26.62 | 33.5902 | 303.090625 | 26.49 | 33.6774 | 303.180556 | 26.52 | 33.5916 |
| 303.000694 | 26.62 | 33.6131 | 303.090972 | 26.49 | 33.6774 | 303.180903 | 26.52 | 33.5824 |
| 303.001042 | 26.62 | 33.5581 | 303.091319 | 26.49 | 33.6774 | 303.18125 | 26.53 | 33.5311 |
| 303.001389 | 26.62 | 33.5444 | 303.091667 | 26.49 | 33.6544 | 303.181597 | 26.52 | 33.5596 |
| 303.001736 | 26.62 | 33.581 | 303.092014 | 26.51 | 33.6568 | 303.181944 | 26.52 | 33.5596 |
| 303.002083 | 26.62 | 33.581 | 303.092361 | 26.51 | 33.6568 | 303.182292 | 26.52 | 33.5459 |
| 303.002431 | 26.62 | 33.581 | 303.092708 | 26.51 | 33.689 | 303.182639 | 26.51 | 33.5881 |
| 303.002778 | 26.62 | 33.6131 | 303.093056 | 26.51 | 33.6752 | 303.182986 | 26.51 | 33.5196 |
| 303.003125 | 26.62 | 33.6131 | 303.093403 | 26.51 | 33.6982 | 303.183333 | 26.51 | 33.5287 |
| 303.003472 | 26.62 | 33.6269 | 303.09375 | 26.51 | 33.7121 | 303.183681 | 26.51 | 33.5424 |
| 303.003819 | 26.62 | 33.581 | 303.094097 | 26.51 | 33.666 | 303.184028 | 26.51 | 33.5972 |
| 303.004167 | 26.62 | 33.6039 | 303.094444 | 26.51 | 33.666 | 303.184375 | 26.49 | 33.5856 |
| 303.004514 | 26.62 | 33.6039 | 303.094792 | 26.51 | 33.666 | 303.184722 | 26.49 | 33.5308 |
| 303.004861 | 26.62 | 33.6131 | 303.095139 | 26.51 | 33.6568 | 303.185069 | 26.49 | 33.5628 |
| 303.005208 | 26.62 | 33.6269 | 303.095486 | 26.51 | 33.666 | 303.185417 | 26.49 | 33.5445 |
| 303.005556 | 26.62 | 33.6269 | 303.095833 | 26.52 | 33.6742 | 303.185764 | 26.48 | 33.5502 |
| 303.005903 | 26.62 | 33.6039 | 303.096181 | 26.53 | 33.6547 | 303.186111 | 26.48 | 33.605 |
| 303.00625 | 26.63 | 33.5754 | 303.096528 | 26.52 | 33.6926 | 303.186458 | 26.46 | 33.5934 |
| 303.006597 | 26.63 | 33.6074 | 303.096875 | 26.52 | 33.6696 | 303.186806 | 26.46 | 33.5614 |
| 303.006944 | 26.63 | 33.6074 | 303.097222 | 26.53 | 33.6547 | 303.187153 | 26.46 | 33.5477 |
| 303.007292 | 26.63 | 33.5983 | 303.097569 | 26.53 | 33.6639 | 303.1875 | 26.46 | 33.6163 |
| 303.007639 | 26.65 | 33.555 | 303.097917 | 26.55 | 33.6664 | 303.187847 | 26.46 | 33.5706 |
| 303.007986 | 26.63 | 33.6074 | 303.098264 | 26.55 | 33.6894 | 303.188194 | 26.46 | 33.5614 |
| 303.008333 | 26.65 | 33.5733 | 303.098611 | 26.55 | 33.7124 | 303.188542 | 26.46 | 33.5797 |
| 303.008681 | 26.65 | 33.6099 | 303.098958 | 26.55 | 33.6526 | 303.188889 | 26.46 | 33.5797 |
| 303.009028 | 26.65 | 33.6191 | 303.099306 | 26.55 | 33.6434 | 303.189236 | 26.48 | 33.5593 |
| 303.009375 | 26.65 | 33.6099 | 303.099653 | 26.56 | 33.6837 | 303.189583 | 26.46 | 33.5706 |
| 303.009722 | 26.65 | 33.6099 | 303.1 | 26.56 | 33.693 | 303.189931 | 26.46 | 33.5706 |
| 303.010069 | 26.65 | 33.6191 | 303.100347 | 26.56 | 33.693 | 303.190278 | 26.46 | 33.5934 |
| 303.010417 | 26.65 | 33.5962 | 303.100694 | 26.56 | 33.6607 | 303.190625 | 26.46 | 33.6163 |
| 303.010764 | 26.65 | 33.5641 | 303.101042 | 26.56 | 33.693 | 303.190972 | 26.46 | 33.5706 |
| 303.011111 | 26.65 | 33.587 | 303.101389 | 26.56 | 33.716 | 303.191319 | 26.45 | 33.5762 |
| 303.011458 | 26.65 | 33.6099 | 303.101736 | 26.56 | 33.624 | 303.191667 | 26.45 | 33.5991 |
| 303.011806 | 26.65 | 33.5733 | 303.102083 | 26.56 | 33.6837 | 303.192014 | 26.45 | 33.6082 |
| 303.012153 | 26.65 | 33.6191 | 303.102431 | 26.56 | 33.693 | 303.192361 | 26.44 | 33.6139 |
| 303.0125 | 26.65 | 33.6191 | 303.102778 | 26.56 | 33.6699 | 303.192708 | 26.44 | 33.6047 |
| 303.012847 | 26.65 | 33.6099 | 303.103125 | 26.58 | 33.7047 | 303.193056 | 26.44 | 33.6276 |
| 303.013194 | 26.65 | 33.6099 | 303.103472 | 26.58 | 33.7047 | 303.193403 | 26.44 | 33.5956 |
| 303.013542 | 26.65 | 33.6191 | 303.103819 | 26.56 | 33.6469 | 303.19375 | 26.44 | 33.6139 |
| 303.013889 | 26.65 | 33.6099 | 303.104167 | 26.56 | 33.6469 | 303.194097 | 26.44 | 33.6184 |
| 303.014236 | 26.65 | 33.6329 | 303.104514 | 26.56 | 33.6699 | 303.194444 | 26.42 | 33.616 |
| 303.014583 | 26.63 | 33.6304 | 303.104861 | 26.56 | 33.6699 | 303.194792 | 26.42 | 33.5703 |
| 303.014931 | 26.63 | 33.6304 | 303.105208 | 26.56 | 33.6699 | 303.195139 | 26.42 | 33.584 |
| 303.015278 | 26.63 | 33.6534 | 303.105556 | 26.55 | 33.6664 | 303.195486 | 26.42 | 33.616 |
| 303.015625 | 26.62 | 33.5902 | 303.105903 | 26.53 | 33.7007 | 303.195833 | 26.41 | 33.5897 |
| 303.015972 | 26.63 | 33.5754 | 303.10625 | 26.55 | 33.6756 | 303.196181 | 26.39 | 33.633 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.016319 | 26.63 | 33.5845 | 303.106597 | 26.55 | 33.7124 | 303.196528 | 26.39 | 33.5781 |
| 303.016667 | 26.62 | 33.6039 | 303.106944 | 26.55 | 33.6526 | 303.196875 | 26.42 | 33.584 |
| 303.017014 | 26.62 | 33.581 | 303.107292 | 26.55 | 33.6894 | 303.197222 | 26.42 | 33.616 |
| 303.017361 | 26.62 | 33.636 | 303.107639 | 26.55 | 33.6205 | 303.197569 | 26.42 | 33.5932 |
| 303.017708 | 26.62 | 33.6269 | 303.107986 | 26.55 | 33.6894 | 303.197917 | 26.42 | 33.6252 |
| 303.018056 | 26.62 | 33.581 | 303.108333 | 26.55 | 33.7124 | 303.198264 | 26.42 | 33.584 |
| 303.018403 | 26.62 | 33.6269 | 303.108681 | 26.55 | 33.6756 | 303.198611 | 26.42 | 33.616 |
| 303.01875 | 26.63 | 33.6304 | 303.109028 | 26.53 | 33.7099 | 303.198958 | 26.44 | 33.6047 |
| 303.019097 | 26.63 | 33.6212 | 303.109375 | 26.51 | 33.7121 | 303.199306 | 26.42 | 33.5932 |
| 303.019444 | 26.63 | 33.6304 | 303.109722 | 26.49 | 33.6774 | 303.199653 | 26.42 | 33.5703 |
| 303.019792 | 26.63 | 33.6212 | 303.110069 | 26.46 | 33.6851 | 303.2 | 26.42 | 33.6069 |
| 303.020139 | 26.63 | 33.5845 | 303.110417 | 26.45 | 33.7 | 303.200347 | 26.42 | 33.5932 |
| 303.020486 | 26.62 | 33.636 | 303.110764 | 26.46 | 33.7266 | 303.200694 | 26.42 | 33.5932 |
| 303.020833 | 26.63 | 33.5845 | 303.111111 | 26.46 | 33.6622 | 303.201042 | 26.42 | 33.6252 |
| 303.021181 | 26.63 | 33.6304 | 303.111458 | 26.45 | 33.6678 | 303.201389 | 26.41 | 33.5897 |
| 303.021528 | 26.62 | 33.5673 | 303.111806 | 26.42 | 33.671 | 303.201736 | 26.42 | 33.616 |
| 303.021875 | 26.63 | 33.6304 | 303.112153 | 26.42 | 33.694 | 303.202083 | 26.41 | 33.5988 |
| 303.022222 | 26.63 | 33.5754 | 303.1125 | 26.38 | 33.7075 | 303.202431 | 26.42 | 33.6069 |
| 303.022569 | 26.63 | 33.6074 | 303.112847 | 26.36 | 33.7051 | 303.202778 | 26.41 | 33.5988 |
| 303.022917 | 26.62 | 33.659 | 303.113194 | 26.35 | 33.6878 | 303.203125 | 26.42 | 33.6023 |
| 303.023264 | 26.62 | 33.6498 | 303.113542 | 26.32 | 33.7048 | 303.203472 | 26.42 | 33.616 |
| 303.023611 | 26.63 | 33.5754 | 303.113889 | 26.31 | 33.6325 | 303.203819 | 26.42 | 33.5612 |
| 303.023958 | 26.63 | 33.6074 | 303.114236 | 26.29 | 33.6759 | 303.204167 | 26.41 | 33.5988 |
| 303.024306 | 26.63 | 33.5983 | 303.114583 | 26.29 | 33.6897 | 303.204514 | 26.42 | 33.616 |
| 303.024653 | 26.63 | 33.5845 | 303.114931 | 26.29 | 33.6668 | 303.204861 | 26.42 | 33.6481 |
| 303.025 | 26.63 | 33.6212 | 303.115278 | 26.28 | 33.6816 | 303.205208 | 26.42 | 33.6252 |
| 303.025347 | 26.63 | 33.6074 | 303.115625 | 26.28 | 33.7046 | 303.205556 | 26.42 | 33.6389 |
| 303.025694 | 26.63 | 33.5845 | 303.115972 | 26.28 | 33.6954 | 303.205903 | 26.42 | 33.6298 |
| 303.026042 | 26.63 | 33.6304 | 303.116319 | 26.26 | 33.7068 | 303.20625 | 26.42 | 33.6389 |
| 303.026389 | 26.63 | 33.6074 | 303.116667 | 26.26 | 33.6976 | 303.206597 | 26.42 | 33.616 |
| 303.026736 | 26.63 | 33.5891 | 303.117014 | 26.26 | 33.7068 | 303.206944 | 26.42 | 33.616 |
| 303.027083 | 26.63 | 33.6442 | 303.117361 | 26.26 | 33.7068 | 303.207292 | 26.41 | 33.5668 |
| 303.027431 | 26.63 | 33.6442 | 303.117708 | 26.28 | 33.6633 | 303.207639 | 26.39 | 33.6559 |
| 303.027778 | 26.63 | 33.6212 | 303.118056 | 26.28 | 33.6862 | 303.207986 | 26.39 | 33.6238 |
| 303.028125 | 26.63 | 33.6074 | 303.118403 | 26.28 | 33.6724 | 303.208333 | 26.39 | 33.6467 |
| 303.028472 | 26.63 | 33.6074 | 303.11875 | 26.28 | 33.7184 | 303.208681 | 26.39 | 33.6101 |
| 303.028819 | 26.63 | 33.6442 | 303.119097 | 26.28 | 33.6724 | 303.209028 | 26.39 | 33.6101 |
| 303.029167 | 26.63 | 33.6672 | 303.119444 | 26.28 | 33.7092 | 303.209375 | 26.39 | 33.6238 |
| 303.029514 | 26.63 | 33.6074 | 303.119792 | 26.29 | 33.6989 | 303.209722 | 26.39 | 33.6238 |
| 303.029861 | 26.63 | 33.6304 | 303.120139 | 26.29 | 33.7357 | 303.210069 | 26.39 | 33.6101 |
| 303.030208 | 26.63 | 33.5891 | 303.120486 | 26.31 | 33.6463 | 303.210417 | 26.39 | 33.6101 |
| 303.030556 | 26.63 | 33.6212 | 303.120833 | 26.29 | 33.6668 | 303.210764 | 26.39 | 33.6238 |
| 303.030903 | 26.63 | 33.6442 | 303.121181 | 26.29 | 33.6897 | 303.211111 | 26.38 | 33.6066 |
| 303.03125 | 26.63 | 33.6534 | 303.121528 | 26.31 | 33.6692 | 303.211458 | 26.38 | 33.6158 |
| 303.031597 | 26.63 | 33.6304 | 303.121875 | 26.31 | 33.6921 | 303.211806 | 26.38 | 33.6387 |
| 303.031944 | 26.63 | 33.6074 | 303.122222 | 26.31 | 33.6784 | 303.212153 | 26.39 | 33.6238 |
| 303.032292 | 26.63 | 33.6074 | 303.122569 | 26.32 | 33.7186 | 303.2125 | 26.38 | 33.6066 |
| 303.032639 | 26.63 | 33.6074 | 303.122917 | 26.32 | 33.7048 | 303.212847 | 26.38 | 33.6295 |
| 303.032986 | 26.63 | 33.5845 | 303.123264 | 26.32 | 33.6956 | 303.213194 | 26.38 | 33.5929 |
| 303.033333 | 26.63 | 33.6534 | 303.123611 | 26.32 | 33.7048 | 303.213542 | 26.38 | 33.6066 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.033681 | 26.63 | 33.5983 | 303.123958 | 26.32 | 33.6406 | 303.213889 | 26.39 | 33.6422 |
| 303.034028 | 26.63 | 33.6074 | 303.124306 | 26.34 | 33.6705 | 303.214236 | 26.39 | 33.6101 |
| 303.034375 | 26.63 | 33.5754 | 303.124653 | 26.35 | 33.7108 | 303.214583 | 26.39 | 33.6238 |
| 303.034722 | 26.63 | 33.5754 | 303.125 | 26.35 | 33.6557 | 303.214931 | 26.39 | 33.601 |
| 303.035069 | 26.63 | 33.6442 | 303.125347 | 26.35 | 33.6786 | 303.215278 | 26.39 | 33.6101 |
| 303.035417 | 26.65 | 33.6099 | 303.125694 | 26.36 | 33.6959 | 303.215625 | 26.39 | 33.6238 |
| 303.035764 | 26.65 | 33.6099 | 303.126042 | 26.36 | 33.7281 | 303.215972 | 26.39 | 33.601 |
| 303.036111 | 26.63 | 33.6442 | 303.126389 | 26.35 | 33.7246 | 303.216319 | 26.39 | 33.6101 |
| 303.036458 | 26.65 | 33.6191 | 303.126736 | 26.35 | 33.6419 | 303.216667 | 26.39 | 33.6467 |
| 303.036806 | 26.65 | 33.6191 | 303.127083 | 26.35 | 33.6786 | 303.217014 | 26.36 | 33.5951 |
| 303.037153 | 26.65 | 33.6559 | | | | | | |

DPS3-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.478125 | 26.4 | 34.0057 | 302.560417 | 26.53 | 33.6678 | 302.642708 | 26.52 | 33.653 |
| 302.478472 | 26.4 | 33.9599 | 302.560764 | 26.53 | 33.6678 | 302.643056 | 26.52 | 33.6735 |
| 302.478819 | 26.4 | 33.9516 | 302.561111 | 26.55 | 33.6853 | 302.643403 | 26.5 | 33.6194 |
| 302.479167 | 26.36 | 33.8582 | 302.561458 | 26.55 | 33.6894 | 302.64375 | 26.5 | 33.697 |
| 302.479514 | 26.36 | 33.883 | 302.561806 | 26.53 | 33.7129 | 302.644097 | 26.5 | 33.652 |
| 302.479861 | 26.29 | 33.8773 | 302.562153 | 26.53 | 33.6883 | 302.644444 | 26.5 | 33.6438 |
| 302.480208 | 26.29 | 33.8649 | 302.5625 | 26.53 | 33.6801 | 302.644792 | 26.52 | 33.6326 |
| 302.480556 | 26.27 | 33.8433 | 302.562847 | 26.53 | 33.7129 | 302.645139 | 26.5 | 33.6643 |
| 302.480903 | 26.29 | 33.8278 | 302.563194 | 26.55 | 33.6771 | 302.645486 | 26.5 | 33.6888 |
| 302.48125 | 26.32 | 33.8438 | 302.563542 | 26.55 | 33.6689 | 302.645833 | 26.5 | 33.6765 |
| 302.481597 | 26.32 | 33.8314 | 302.563889 | 26.53 | 33.6801 | 302.646181 | 26.5 | 33.6643 |
| 302.481944 | 26.33 | 33.8381 | 302.564236 | 26.53 | 33.7129 | 302.646528 | 26.5 | 33.652 |
| 302.482292 | 26.36 | 33.8294 | 302.564583 | 26.53 | 33.6556 | 302.646875 | 26.52 | 33.6408 |
| 302.482639 | 26.36 | 33.8047 | 302.564931 | 26.53 | 33.6801 | 302.647222 | 26.52 | 33.6939 |
| 302.482986 | 26.36 | 33.7923 | 302.565278 | 26.53 | 33.6883 | 302.647569 | 26.52 | 33.6776 |
| 302.483333 | 26.36 | 33.8047 | 302.565625 | 26.53 | 33.6474 | 302.647917 | 26.52 | 33.6408 |
| 302.483681 | 26.37 | 33.8072 | 302.565972 | 26.53 | 33.7006 | 302.648264 | 26.52 | 33.6653 |
| 302.484028 | 26.39 | 33.7713 | 302.566319 | 26.55 | 33.6648 | 302.648611 | 26.52 | 33.6776 |
| 302.484375 | 26.43 | 33.8145 | 302.566667 | 26.55 | 33.6771 | 302.648958 | 26.5 | 33.697 |
| 302.484722 | 26.46 | 33.7852 | 302.567014 | 26.55 | 33.6648 | 302.649306 | 26.5 | 33.6765 |
| 302.485069 | 26.47 | 33.759 | 302.567361 | 26.55 | 33.6648 | 302.649653 | 26.5 | 33.652 |
| 302.485417 | 26.47 | 33.7672 | 302.567708 | 26.55 | 33.6444 | 302.65 | 26.5 | 33.6398 |
| 302.485764 | 26.47 | 33.7631 | 302.568056 | 26.55 | 33.673 | 302.650347 | 26.5 | 33.652 |
| 302.486111 | 26.49 | 33.7313 | 302.568403 | 26.55 | 33.6853 | 302.650694 | 26.5 | 33.6888 |
| 302.486458 | 26.49 | 33.7518 | 302.56875 | 26.55 | 33.6648 | 302.651042 | 26.5 | 33.652 |
| 302.486806 | 26.49 | 33.7477 | 302.569097 | 26.55 | 33.6853 | 302.651389 | 26.49 | 33.674 |
| 302.487153 | 26.49 | 33.7354 | 302.569444 | 26.55 | 33.6853 | 302.651736 | 26.49 | 33.6576 |
| 302.4875 | 26.5 | 33.7544 | 302.569792 | 26.56 | 33.7165 | 302.652083 | 26.49 | 33.7231 |
| 302.487847 | 26.52 | 33.776 | 302.570139 | 26.56 | 33.696 | 302.652431 | 26.49 | 33.6903 |
| 302.488194 | 26.52 | 33.7185 | 302.570486 | 26.56 | 33.6796 | 302.652778 | 26.49 | 33.6495 |
| 302.488542 | 26.53 | 33.7334 | 302.570833 | 26.56 | 33.6919 | 302.653125 | 26.49 | 33.6495 |
| 302.488889 | 26.53 | 33.6678 | 302.571181 | 26.56 | 33.6715 | 302.653472 | 26.49 | 33.6699 |
| 302.489236 | 26.53 | 33.7457 | 302.571528 | 26.57 | 33.6536 | 302.653819 | 26.49 | 33.6821 |
| 302.489583 | 26.55 | 33.7221 | 302.571875 | 26.57 | 33.6536 | 302.654167 | 26.49 | 33.6576 |
| 302.489931 | 26.55 | 33.6525 | 302.572222 | 26.57 | 33.6863 | 302.654514 | 26.49 | 33.6903 |
| 302.490278 | 26.55 | 33.7304 | 302.572569 | 26.57 | 33.674 | 302.654861 | 26.49 | 33.6699 |
| 302.490625 | 26.55 | 33.7057 | 302.572917 | 26.57 | 33.6618 | 302.655208 | 26.49 | 33.6617 |
| 302.490972 | 26.56 | 33.6796 | 302.573264 | 26.57 | 33.674 | 302.655556 | 26.49 | 33.6821 |
| 302.491319 | 26.56 | 33.6878 | 302.573611 | 26.56 | 33.6919 | 302.655903 | 26.49 | 33.6699 |
| 302.491667 | 26.55 | 33.7057 | 302.573958 | 26.57 | 33.6413 | 302.65625 | 26.49 | 33.6699 |
| 302.492014 | 26.55 | 33.6934 | 302.574306 | 26.57 | 33.674 | 302.656597 | 26.49 | 33.6372 |
| 302.492361 | 26.56 | 33.6755 | 302.574653 | 26.57 | 33.6658 | 302.656944 | 26.49 | 33.6576 |
| 302.492708 | 26.57 | 33.6822 | 302.575 | 26.57 | 33.6413 | 302.657292 | 26.47 | 33.6729 |
| 302.493056 | 26.57 | 33.6945 | 302.575347 | 26.57 | 33.674 | 302.657639 | 26.47 | 33.6893 |
| 302.493403 | 26.57 | 33.6781 | 302.575694 | 26.57 | 33.6822 | 302.657986 | 26.49 | 33.6169 |
| 302.49375 | 26.57 | 33.6658 | 302.576042 | 26.57 | 33.7191 | 302.658333 | 26.47 | 33.6689 |
| 302.494097 | 26.59 | 33.6915 | 302.576389 | 26.57 | 33.6781 | 302.658681 | 26.47 | 33.6689 |
| 302.494444 | 26.59 | 33.6669 | 302.576736 | 26.57 | 33.7068 | 302.659028 | 26.47 | 33.6484 |
| 302.494792 | 26.65 | 33.6742 | 302.577083 | 26.56 | 33.6796 | 302.659375 | 26.47 | 33.6811 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.495139 | 26.66 | 33.6604 | 302.577431 | 26.56 | 33.6715 | 302.659722 | 26.47 | 33.6607 |
| 302.495486 | 26.72 | 33.635 | 302.577778 | 26.57 | 33.674 | 302.660069 | 26.46 | 33.7072 |
| 302.495833 | 26.75 | 33.6182 | 302.578125 | 26.56 | 33.6796 | 302.660417 | 26.47 | 33.6362 |
| 302.496181 | 26.76 | 33.6127 | 302.578472 | 26.56 | 33.6919 | 302.660764 | 26.46 | 33.6745 |
| 302.496528 | 26.78 | 33.5892 | 302.578819 | 26.55 | 33.673 | 302.661111 | 26.47 | 33.6607 |
| 302.496875 | 26.82 | 33.5669 | 302.579167 | 26.55 | 33.7098 | 302.661458 | 26.46 | 33.6663 |
| 302.497222 | 26.83 | 33.5695 | 302.579514 | 26.55 | 33.673 | 302.661806 | 26.47 | 33.6689 |
| 302.497569 | 26.85 | 33.5829 | 302.579861 | 26.55 | 33.673 | 302.662153 | 26.47 | 33.6607 |
| 302.497917 | 26.9 | 33.5265 | 302.580208 | 26.55 | 33.6934 | 302.6625 | 26.47 | 33.6484 |
| 302.498264 | 26.92 | 33.5399 | 302.580556 | 26.55 | 33.6771 | 302.662847 | 26.47 | 33.6811 |
| 302.498611 | 26.96 | 33.5055 | 302.580903 | 26.55 | 33.673 | 302.663194 | 26.47 | 33.6484 |
| 302.498958 | 26.99 | 33.4848 | 302.58125 | 26.53 | 33.7088 | 302.663542 | 26.49 | 33.6576 |
| 302.499306 | 26.96 | 33.5789 | 302.581597 | 26.55 | 33.6853 | 302.663889 | 26.47 | 33.6444 |
| 302.499653 | 26.96 | 33.5014 | 302.581944 | 26.55 | 33.673 | 302.664236 | 26.47 | 33.6893 |
| 302.5 | 27 | 33.5444 | 302.582292 | 26.53 | 33.6965 | 302.664583 | 26.47 | 33.677 |
| 302.500347 | 27 | 33.4874 | 302.582639 | 26.56 | 33.6796 | 302.664931 | 26.47 | 33.6362 |
| 302.500694 | 27 | 33.5526 | 302.582986 | 26.56 | 33.6919 | 302.665278 | 26.47 | 33.6934 |
| 302.501042 | 26.99 | 33.55 | 302.583333 | 26.56 | 33.6592 | 302.665625 | 26.47 | 33.6811 |
| 302.501389 | 26.99 | 33.5173 | 302.583681 | 26.56 | 33.6592 | 302.665972 | 26.47 | 33.6607 |
| 302.501736 | 26.99 | 33.4929 | 302.584028 | 26.57 | 33.6822 | 302.666319 | 26.47 | 33.6607 |
| 302.502083 | 27.02 | 33.4763 | 302.584375 | 26.59 | 33.6628 | 302.666667 | 26.47 | 33.6893 |
| 302.502431 | 27 | 33.5526 | 302.584722 | 26.6 | 33.6572 | 302.667014 | 26.47 | 33.6811 |
| 302.502778 | 27 | 33.5199 | 302.585069 | 26.6 | 33.6449 | 302.667361 | 26.47 | 33.6607 |
| 302.503125 | 27 | 33.5159 | 302.585417 | 26.62 | 33.646 | 302.667708 | 26.47 | 33.6893 |
| 302.503472 | 27 | 33.5322 | 302.585764 | 26.62 | 33.6583 | 302.668056 | 26.47 | 33.6484 |
| 302.503819 | 27 | 33.4833 | 302.586111 | 26.6 | 33.6327 | 302.668403 | 26.46 | 33.6745 |
| 302.504167 | 27 | 33.4955 | 302.586458 | 26.62 | 33.646 | 302.66875 | 26.46 | 33.6745 |
| 302.504514 | 27 | 33.5036 | 302.586806 | 26.6 | 33.6654 | 302.669097 | 26.46 | 33.6541 |
| 302.504861 | 27 | 33.4914 | 302.587153 | 26.59 | 33.6505 | 302.669444 | 26.47 | 33.7016 |
| 302.505208 | 27.02 | 33.4926 | 302.5875 | 26.59 | 33.6424 | 302.669792 | 26.47 | 33.6607 |
| 302.505556 | 27.03 | 33.487 | 302.587847 | 26.59 | 33.6505 | 302.670139 | 26.47 | 33.6689 |
| 302.505903 | 27.05 | 33.4638 | 302.588194 | 26.62 | 33.6215 | 302.670486 | 26.47 | 33.6689 |
| 302.50625 | 27.05 | 33.4882 | 302.588542 | 26.6 | 33.6572 | 302.670833 | 26.47 | 33.6689 |
| 302.506597 | 27.03 | 33.4667 | 302.588889 | 26.6 | 33.6572 | 302.671181 | 26.47 | 33.6729 |
| 302.506944 | 27.02 | 33.4926 | 302.589236 | 26.59 | 33.671 | 302.671528 | 26.47 | 33.6444 |
| 302.507292 | 27.02 | 33.4844 | 302.589583 | 26.57 | 33.6413 | 302.671875 | 26.47 | 33.6566 |
| 302.507639 | 26.98 | 33.5147 | 302.589931 | 26.57 | 33.6618 | 302.672222 | 26.47 | 33.677 |
| 302.507986 | 26.99 | 33.4848 | 302.590278 | 26.57 | 33.6372 | 302.672569 | 26.47 | 33.677 |
| 302.508333 | 26.99 | 33.497 | 302.590625 | 26.62 | 33.6419 | 302.672917 | 26.47 | 33.6811 |
| 302.508681 | 26.98 | 33.5147 | 302.590972 | 26.63 | 33.6281 | 302.673264 | 26.47 | 33.6893 |
| 302.509028 | 27 | 33.4914 | 302.591319 | 26.63 | 33.6159 | 302.673611 | 26.47 | 33.7016 |
| 302.509375 | 26.99 | 33.5092 | 302.591667 | 26.62 | 33.6215 | 302.673958 | 26.47 | 33.6362 |
| 302.509722 | 26.98 | 33.4822 | 302.592014 | 26.62 | 33.6542 | 302.674306 | 26.49 | 33.6699 |
| 302.510069 | 26.9 | 33.5347 | 302.592361 | 26.6 | 33.6654 | 302.674653 | 26.47 | 33.6689 |
| 302.510417 | 26.86 | 33.5243 | 302.592708 | 26.6 | 33.6572 | 302.675 | 26.47 | 33.6362 |
| 302.510764 | 26.86 | 33.5447 | 302.593056 | 26.59 | 33.6505 | 302.675347 | 26.47 | 33.6566 |
| 302.511111 | 26.89 | 33.5402 | 302.593403 | 26.59 | 33.6383 | 302.675694 | 26.47 | 33.677 |
| 302.511458 | 26.86 | 33.5692 | 302.59375 | 26.59 | 33.6628 | 302.676042 | 26.47 | 33.6689 |
| 302.511806 | 26.82 | 33.5466 | 302.594097 | 26.6 | 33.6204 | 302.676389 | 26.47 | 33.6362 |
| 302.512153 | 26.82 | 33.5344 | 302.594444 | 26.6 | 33.6654 | 302.676736 | 26.47 | 33.6566 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.5125 | 26.8 | 33.5822 | 302.594792 | 26.6 | 33.6531 | 302.677083 | 26.47 | 33.6689 |
| 302.512847 | 26.76 | 33.58 | 302.595139 | 26.59 | 33.6505 | 302.677431 | 26.47 | 33.6607 |
| 302.513194 | 26.72 | 33.5819 | 302.595486 | 26.59 | 33.671 | 302.677778 | 26.47 | 33.6934 |
| 302.513542 | 26.69 | 33.6109 | 302.595833 | 26.6 | 33.6654 | 302.678125 | 26.47 | 33.6893 |
| 302.513889 | 26.68 | 33.682 | 302.596181 | 26.6 | 33.6327 | 302.678472 | 26.47 | 33.7016 |
| 302.514236 | 26.68 | 33.6369 | 302.596528 | 26.6 | 33.6531 | 302.678819 | 26.49 | 33.6454 |
| 302.514583 | 26.66 | 33.6686 | 302.596875 | 26.6 | 33.6327 | 302.679167 | 26.47 | 33.677 |
| 302.514931 | 26.65 | 33.6251 | 302.597222 | 26.6 | 33.6654 | 302.679514 | 26.47 | 33.6689 |
| 302.515278 | 26.63 | 33.6649 | 302.597569 | 26.6 | 33.6531 | 302.679861 | 26.47 | 33.6893 |
| 302.515625 | 26.62 | 33.6583 | 302.597917 | 26.6 | 33.6654 | 302.680208 | 26.47 | 33.6607 |
| 302.515972 | 26.62 | 33.6501 | 302.598264 | 26.6 | 33.6654 | 302.680556 | 26.47 | 33.6566 |
| 302.516319 | 26.6 | 33.6941 | 302.598611 | 26.6 | 33.6777 | 302.680903 | 26.47 | 33.6811 |
| 302.516667 | 26.6 | 33.6736 | 302.598958 | 26.6 | 33.6654 | 302.68125 | 26.47 | 33.6444 |
| 302.517014 | 26.59 | 33.6874 | 302.599306 | 26.6 | 33.6654 | 302.681597 | 26.47 | 33.6689 |
| 302.517361 | 26.59 | 33.6997 | 302.599653 | 26.6 | 33.6777 | 302.681944 | 26.46 | 33.6663 |
| 302.517708 | 26.59 | 33.6874 | 302.6 | 26.6 | 33.6327 | 302.682292 | 26.47 | 33.677 |
| 302.518056 | 26.59 | 33.6669 | 302.600347 | 26.6 | 33.6777 | 302.682639 | 26.47 | 33.6893 |
| 302.518403 | 26.59 | 33.6669 | 302.600694 | 26.6 | 33.6777 | 302.682986 | 26.47 | 33.7016 |
| 302.51875 | 26.59 | 33.6792 | 302.601042 | 26.6 | 33.6654 | 302.683333 | 26.46 | 33.6541 |
| 302.519097 | 26.59 | 33.6997 | 302.601389 | 26.6 | 33.6777 | 302.683681 | 26.46 | 33.65 |
| 302.519444 | 26.59 | 33.6751 | 302.601736 | 26.6 | 33.6654 | 302.684028 | 26.46 | 33.6826 |
| 302.519792 | 26.59 | 33.6669 | 302.602083 | 26.6 | 33.6736 | 302.684375 | 26.46 | 33.6622 |
| 302.520139 | 26.59 | 33.712 | 302.602431 | 26.6 | 33.6736 | 302.684722 | 26.46 | 33.6867 |
| 302.520486 | 26.59 | 33.6751 | 302.602778 | 26.6 | 33.6409 | 302.685069 | 26.46 | 33.6745 |
| 302.520833 | 26.6 | 33.6736 | 302.603125 | 26.6 | 33.6859 | 302.685417 | 26.46 | 33.6867 |
| 302.521181 | 26.63 | 33.6527 | 302.603472 | 26.6 | 33.6613 | 302.685764 | 26.46 | 33.6745 |
| 302.521528 | 26.65 | 33.6333 | 302.603819 | 26.59 | 33.6342 | 302.686111 | 26.46 | 33.6745 |
| 302.521875 | 26.66 | 33.6236 | 302.604167 | 26.59 | 33.671 | 302.686458 | 26.46 | 33.6745 |
| 302.522222 | 26.7 | 33.6135 | 302.604514 | 26.57 | 33.6699 | 302.686806 | 26.47 | 33.6444 |
| 302.522569 | 26.75 | 33.6101 | 302.604861 | 26.57 | 33.6372 | 302.687153 | 26.46 | 33.65 |
| 302.522917 | 26.73 | 33.5967 | 302.605208 | 26.56 | 33.6755 | 302.6875 | 26.46 | 33.6622 |
| 302.523264 | 26.73 | 33.56 | 302.605556 | 26.55 | 33.673 | 302.687847 | 26.46 | 33.6745 |
| 302.523611 | 26.72 | 33.6268 | 302.605903 | 26.55 | 33.6403 | 302.688194 | 26.46 | 33.6745 |
| 302.523958 | 26.73 | 33.5641 | 302.60625 | 26.55 | 33.673 | 302.688542 | 26.46 | 33.6622 |
| 302.524306 | 26.73 | 33.6294 | 302.606597 | 26.53 | 33.6719 | 302.688889 | 26.46 | 33.6949 |
| 302.524653 | 26.73 | 33.5967 | 302.606944 | 26.53 | 33.6842 | 302.689236 | 26.45 | 33.6801 |
| 302.525 | 26.75 | 33.5733 | 302.607292 | 26.53 | 33.6719 | 302.689583 | 26.46 | 33.6622 |
| 302.525347 | 26.73 | 33.5967 | 302.607639 | 26.52 | 33.6776 | 302.689931 | 26.46 | 33.6663 |
| 302.525694 | 26.75 | 33.5937 | 302.607986 | 26.52 | 33.6776 | 302.690278 | 26.46 | 33.6622 |
| 302.526042 | 26.7 | 33.6462 | 302.608333 | 26.53 | 33.6597 | 302.690625 | 26.45 | 33.6801 |
| 302.526389 | 26.69 | 33.6068 | 302.608681 | 26.52 | 33.6776 | 302.690972 | 26.45 | 33.6801 |
| 302.526736 | 26.69 | 33.6477 | 302.609028 | 26.53 | 33.6719 | 302.691319 | 26.46 | 33.6541 |
| 302.527083 | 26.7 | 33.6012 | 302.609375 | 26.52 | 33.653 | 302.691667 | 26.46 | 33.6418 |
| 302.527431 | 26.7 | 33.6094 | 302.609722 | 26.52 | 33.6653 | 302.692014 | 26.46 | 33.6826 |
| 302.527778 | 26.68 | 33.6206 | 302.610069 | 26.52 | 33.6449 | 302.692361 | 26.46 | 33.65 |
| 302.528125 | 26.66 | 33.6645 | 302.610417 | 26.52 | 33.6776 | 302.692708 | 26.46 | 33.6826 |
| 302.528472 | 26.68 | 33.6247 | 302.610764 | 26.52 | 33.6776 | 302.693056 | 26.46 | 33.6622 |
| 302.528819 | 26.65 | 33.6169 | 302.611111 | 26.52 | 33.6776 | 302.693403 | 26.46 | 33.6745 |
| 302.529167 | 26.63 | 33.6527 | 302.611458 | 26.52 | 33.6898 | 302.69375 | 26.45 | 33.7005 |
| 302.529514 | 26.63 | 33.6486 | 302.611806 | 26.52 | 33.6898 | 302.694097 | 26.45 | 33.6556 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.529861 | 26.62 | 33.6869 | 302.612153 | 26.52 | 33.6898 | 302.694444 | 26.43 | 33.6709 |
| 302.530208 | 26.6 | 33.6818 | 302.6125 | 26.52 | 33.6449 | 302.694792 | 26.43 | 33.6668 |
| 302.530556 | 26.59 | 33.7038 | 302.612847 | 26.5 | 33.6765 | 302.695139 | 26.45 | 33.6678 |
| 302.530903 | 26.59 | 33.6874 | 302.613194 | 26.5 | 33.6765 | 302.695486 | 26.45 | 33.6556 |
| 302.53125 | 26.59 | 33.6628 | 302.613542 | 26.52 | 33.6776 | 302.695833 | 26.43 | 33.6668 |
| 302.531597 | 26.57 | 33.6945 | 302.613889 | 26.52 | 33.6449 | 302.696181 | 26.43 | 33.6587 |
| 302.531944 | 26.57 | 33.6863 | 302.614236 | 26.52 | 33.6898 | 302.696528 | 26.43 | 33.6913 |
| 302.532292 | 26.57 | 33.6822 | 302.614583 | 26.52 | 33.6367 | 302.696875 | 26.43 | 33.6791 |
| 302.532639 | 26.57 | 33.6945 | 302.614931 | 26.52 | 33.6653 | 302.697222 | 26.43 | 33.6668 |
| 302.532986 | 26.57 | 33.6863 | 302.615278 | 26.52 | 33.6653 | 302.697569 | 26.43 | 33.6668 |
| 302.533333 | 26.56 | 33.6469 | 302.615625 | 26.52 | 33.6571 | 302.697917 | 26.43 | 33.6464 |
| 302.533681 | 26.57 | 33.674 | 302.615972 | 26.52 | 33.6449 | 302.698264 | 26.43 | 33.6791 |
| 302.534028 | 26.57 | 33.6209 | 302.616319 | 26.52 | 33.6571 | 302.698611 | 26.45 | 33.6434 |
| 302.534375 | 26.56 | 33.6428 | 302.616667 | 26.52 | 33.7103 | 302.698958 | 26.43 | 33.6913 |
| 302.534722 | 26.56 | 33.6347 | 302.617014 | 26.52 | 33.6449 | 302.699306 | 26.45 | 33.6556 |
| 302.535069 | 26.56 | 33.6592 | 302.617361 | 26.52 | 33.698 | 302.699653 | 26.45 | 33.7005 |
| 302.535417 | 26.56 | 33.6674 | 302.617708 | 26.52 | 33.653 | 302.7 | 26.45 | 33.7005 |
| 302.535764 | 26.56 | 33.6755 | 302.618056 | 26.53 | 33.6719 | 302.700347 | 26.45 | 33.6801 |
| 302.536111 | 26.56 | 33.7001 | 302.618403 | 26.53 | 33.6719 | 302.700694 | 26.45 | 33.6027 |
| 302.536458 | 26.56 | 33.6551 | 302.61875 | 26.53 | 33.6597 | 302.701042 | 26.45 | 33.6556 |
| 302.536806 | 26.56 | 33.6674 | 302.619097 | 26.53 | 33.6924 | 302.701389 | 26.43 | 33.6709 |
| 302.537153 | 26.55 | 33.6853 | 302.619444 | 26.52 | 33.6653 | 302.701736 | 26.43 | 33.6587 |
| 302.5375 | 26.56 | 33.6674 | 302.619792 | 26.52 | 33.6653 | 302.702083 | 26.43 | 33.6668 |
| 302.537847 | 26.56 | 33.6674 | 302.620139 | 26.52 | 33.6449 | 302.702431 | 26.43 | 33.6913 |
| 302.538194 | 26.57 | 33.6822 | 302.620486 | 26.52 | 33.6776 | 302.702778 | 26.43 | 33.6791 |
| 302.538542 | 26.59 | 33.6587 | 302.620833 | 26.52 | 33.6653 | 302.703125 | 26.45 | 33.6474 |
| 302.538889 | 26.6 | 33.6449 | 302.621181 | 26.52 | 33.6776 | 302.703472 | 26.45 | 33.6678 |
| 302.539236 | 26.62 | 33.6297 | 302.621528 | 26.52 | 33.6245 | 302.703819 | 26.45 | 33.6474 |
| 302.539583 | 26.63 | 33.6486 | 302.621875 | 26.52 | 33.6898 | 302.704167 | 26.45 | 33.6883 |
| 302.539931 | 26.65 | 33.6578 | 302.622222 | 26.52 | 33.6449 | 302.704514 | 26.45 | 33.6801 |
| 302.540278 | 26.66 | 33.5869 | 302.622569 | 26.52 | 33.653 | 302.704861 | 26.45 | 33.6556 |
| 302.540625 | 26.66 | 33.6195 | 302.622917 | 26.52 | 33.6653 | 302.705208 | 26.45 | 33.6678 |
| 302.540972 | 26.68 | 33.6124 | 302.623264 | 26.52 | 33.6571 | 302.705556 | 26.45 | 33.6474 |
| 302.541319 | 26.68 | 33.6328 | 302.623611 | 26.52 | 33.6653 | 302.705903 | 26.45 | 33.7005 |
| 302.541667 | 26.66 | 33.6195 | 302.623958 | 26.5 | 33.6438 | 302.70625 | 26.45 | 33.6801 |
| 302.542014 | 26.68 | 33.5757 | 302.624306 | 26.52 | 33.6449 | 302.706597 | 26.45 | 33.6556 |
| 302.542361 | 26.68 | 33.5676 | 302.624653 | 26.52 | 33.6653 | 302.706944 | 26.45 | 33.6597 |
| 302.542708 | 26.69 | 33.6027 | 302.625 | 26.52 | 33.7226 | 302.707292 | 26.46 | 33.65 |
| 302.543056 | 26.69 | 33.6027 | 302.625347 | 26.52 | 33.6653 | 302.707639 | 26.45 | 33.6597 |
| 302.543403 | 26.68 | 33.5961 | 302.625694 | 26.52 | 33.7226 | 302.707986 | 26.46 | 33.6622 |
| 302.54375 | 26.69 | 33.5701 | 302.626042 | 26.52 | 33.6776 | 302.708333 | 26.46 | 33.6826 |
| 302.544097 | 26.69 | 33.5783 | 302.626389 | 26.52 | 33.6449 | 302.708681 | 26.45 | 33.6801 |
| 302.544444 | 26.69 | 33.6273 | 302.626736 | 26.52 | 33.6898 | 302.709028 | 26.45 | 33.6801 |
| 302.544792 | 26.68 | 33.5961 | 302.627083 | 26.52 | 33.6653 | 302.709375 | 26.47 | 33.677 |
| 302.545139 | 26.69 | 33.5783 | 302.627431 | 26.52 | 33.698 | 302.709722 | 26.5 | 33.6602 |
| 302.545486 | 26.69 | 33.6027 | 302.627778 | 26.52 | 33.6776 | 302.710069 | 26.5 | 33.6724 |
| 302.545833 | 26.7 | 33.6176 | 302.628125 | 26.52 | 33.6776 | 302.710417 | 26.52 | 33.653 |
| 302.546181 | 26.7 | 33.6176 | 302.628472 | 26.52 | 33.6449 | 302.710764 | 26.52 | 33.6286 |
| 302.546528 | 26.7 | 33.5727 | 302.628819 | 26.52 | 33.6898 | 302.711111 | 26.53 | 33.6352 |
| 302.546875 | 26.7 | 33.6053 | 302.629167 | 26.52 | 33.6653 | 302.711458 | 26.55 | 33.6444 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.547222 | 26.7 | 33.6053 | 302.629514 | 26.52 | 33.6571 | 302.711806 | 26.62 | 33.5604 |
| 302.547569 | 26.7 | 33.5931 | 302.629861 | 26.52 | 33.6776 | 302.712153 | 26.63 | 33.5874 |
| 302.547917 | 26.7 | 33.5605 | 302.630208 | 26.52 | 33.653 | 302.7125 | 26.72 | 33.5493 |
| 302.548264 | 26.7 | 33.5931 | 302.630556 | 26.52 | 33.6204 | 302.712847 | 26.73 | 33.5316 |
| 302.548611 | 26.7 | 33.5849 | 302.630903 | 26.52 | 33.6776 | 302.713194 | 26.75 | 33.5001 |
| 302.548958 | 26.7 | 33.6053 | 302.63125 | 26.52 | 33.698 | 302.713542 | 26.76 | 33.4703 |
| 302.549306 | 26.7 | 33.5931 | 302.631597 | 26.52 | 33.653 | 302.713889 | 26.76 | 33.4824 |
| 302.549653 | 26.7 | 33.5931 | 302.631944 | 26.52 | 33.698 | 302.714236 | 26.76 | 33.5149 |
| 302.55 | 26.69 | 33.5579 | 302.632292 | 26.52 | 33.653 | 302.714583 | 26.75 | 33.488 |
| 302.550347 | 26.66 | 33.595 | 302.632639 | 26.52 | 33.6326 | 302.714931 | 26.73 | 33.4869 |
| 302.550694 | 26.66 | 33.6154 | 302.632986 | 26.52 | 33.653 | 302.715278 | 26.75 | 33.5083 |
| 302.551042 | 26.63 | 33.5792 | 302.633333 | 26.52 | 33.6898 | 302.715625 | 26.73 | 33.5113 |
| 302.551389 | 26.6 | 33.596 | 302.633681 | 26.52 | 33.6408 | 302.715972 | 26.73 | 33.5194 |
| 302.551736 | 26.59 | 33.6016 | 302.634028 | 26.52 | 33.6898 | 302.716319 | 26.72 | 33.4925 |
| 302.552083 | 26.59 | 33.626 | 302.634375 | 26.52 | 33.6653 | 302.716667 | 26.73 | 33.4667 |
| 302.552431 | 26.59 | 33.5894 | 302.634722 | 26.52 | 33.6326 | 302.717014 | 26.73 | 33.4869 |
| 302.552778 | 26.59 | 33.6016 | 302.635069 | 26.52 | 33.653 | 302.717361 | 26.73 | 33.5194 |
| 302.553125 | 26.6 | 33.596 | 302.635417 | 26.52 | 33.6857 | 302.717708 | 26.73 | 33.4748 |
| 302.553472 | 26.6 | 33.6001 | 302.635764 | 26.52 | 33.6776 | 302.718056 | 26.73 | 33.495 |
| 302.553819 | 26.6 | 33.6204 | 302.636111 | 26.52 | 33.6857 | 302.718403 | 26.73 | 33.4788 |
| 302.554167 | 26.59 | 33.5894 | 302.636458 | 26.52 | 33.6653 | 302.71875 | 26.73 | 33.4869 |
| 302.554514 | 26.59 | 33.6342 | 302.636806 | 26.52 | 33.6857 | 302.719097 | 26.73 | 33.5072 |
| 302.554861 | 26.57 | 33.6005 | 302.637153 | 26.53 | 33.6924 | 302.719444 | 26.75 | 33.4961 |
| 302.555208 | 26.57 | 33.6454 | 302.6375 | 26.52 | 33.6857 | 302.719792 | 26.73 | 33.5072 |
| 302.555556 | 26.55 | 33.6771 | 302.637847 | 26.53 | 33.6719 | 302.720139 | 26.73 | 33.495 |
| 302.555903 | 26.55 | 33.6566 | 302.638194 | 26.52 | 33.653 | 302.720486 | 26.72 | 33.525 |
| 302.55625 | 26.55 | 33.6566 | 302.638542 | 26.52 | 33.6653 | 302.720833 | 26.72 | 33.525 |
| 302.556597 | 26.53 | 33.6678 | 302.638889 | 26.52 | 33.653 | 302.721181 | 26.73 | 33.4991 |
| 302.556944 | 26.53 | 33.6883 | 302.639236 | 26.52 | 33.6408 | 302.721528 | 26.73 | 33.4869 |
| 302.557292 | 26.53 | 33.6924 | 302.639583 | 26.52 | 33.6735 | 302.721875 | 26.72 | 33.5453 |
| 302.557639 | 26.53 | 33.6883 | 302.639931 | 26.52 | 33.6653 | 302.722222 | 26.72 | 33.5006 |
| 302.557986 | 26.53 | 33.6556 | 302.640278 | 26.52 | 33.6653 | 302.722569 | 26.72 | 33.5128 |
| 302.558333 | 26.53 | 33.6433 | 302.640625 | 26.52 | 33.6653 | 302.722917 | 26.7 | 33.4915 |
| 302.558681 | 26.53 | 33.6638 | 302.640972 | 26.52 | 33.653 | 302.723264 | 26.72 | 33.4803 |
| 302.559028 | 26.53 | 33.6474 | 302.641319 | 26.52 | 33.653 | 302.723611 | 26.72 | 33.5168 |
| 302.559375 | 26.53 | 33.6924 | 302.641667 | 26.52 | 33.6653 | 302.723958 | 26.7 | 33.5036 |
| 302.559722 | 26.53 | 33.6801 | 302.642014 | 26.52 | 33.6898 | 302.724306 | 26.7 | 33.5158 |
| 302.560069 | 26.53 | 33.7006 | 302.642361 | 26.52 | 33.6776 | 302.724653 | 26.72 | 33.4682 |

DPS3-2

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.895486 | 25.93 | 33.7293 | 302.931597 | 26.57 | 33.5883 | 302.967361 | 26.55 | 33.6199 |
| 302.895833 | 25.93 | 33.7415 | 302.931944 | 26.57 | 33.6005 | 302.967708 | 26.55 | 33.6199 |
| 302.896181 | 25.97 | 33.6417 | 302.932292 | 26.57 | 33.6128 | 302.968056 | 26.55 | 33.6199 |
| 302.896528 | 25.97 | 33.6458 | 302.932639 | 26.57 | 33.6005 | 302.968403 | 26.55 | 33.5873 |
| 302.896875 | 26.02 | 33.6014 | 302.932986 | 26.57 | 33.6087 | 302.96875 | 26.55 | 33.6403 |
| 302.897222 | 26.03 | 33.624 | 302.933333 | 26.57 | 33.6536 | 302.969097 | 26.55 | 33.5751 |
| 302.897569 | 26.03 | 33.5998 | 302.933681 | 26.56 | 33.6061 | 302.969444 | 26.55 | 33.6077 |
| 302.897917 | 26.03 | 33.5877 | 302.934028 | 26.56 | 33.6061 | 302.969792 | 26.55 | 33.6525 |
| 302.898264 | 26.03 | 33.6038 | 302.934375 | 26.57 | 33.6332 | 302.970139 | 26.55 | 33.6199 |
| 302.898611 | 26.03 | 33.6038 | 302.934722 | 26.57 | 33.6128 | 302.970486 | 26.55 | 33.6077 |
| 302.898958 | 26.05 | 33.6127 | 302.935069 | 26.56 | 33.6061 | 302.970833 | 26.55 | 33.6199 |
| 302.899306 | 26.03 | 33.6119 | 302.935417 | 26.56 | 33.6061 | 302.971181 | 26.55 | 33.6403 |
| 302.899653 | 26.03 | 33.5957 | 302.935764 | 26.57 | 33.6005 | 302.971528 | 26.55 | 33.6077 |
| 302.9 | 26.03 | 33.5957 | 302.936111 | 26.57 | 33.5558 | 302.971875 | 26.55 | 33.6321 |
| 302.900347 | 26.03 | 33.6038 | 302.936458 | 26.56 | 33.6061 | 302.972222 | 26.55 | 33.6321 |
| 302.900694 | 26.03 | 33.5917 | 302.936806 | 26.57 | 33.5883 | 302.972569 | 26.55 | 33.6077 |
| 302.901042 | 26.05 | 33.5724 | 302.937153 | 26.56 | 33.6061 | 302.972917 | 26.55 | 33.6077 |
| 302.901389 | 26.15 | 33.5363 | 302.9375 | 26.53 | 33.5701 | 302.973264 | 26.55 | 33.6321 |
| 302.901736 | 26.17 | 33.5452 | 302.937847 | 26.52 | 33.596 | 302.973611 | 26.53 | 33.6189 |
| 302.902083 | 26.2 | 33.5163 | 302.938194 | 26.52 | 33.6082 | 302.973958 | 26.55 | 33.6077 |
| 302.902431 | 26.23 | 33.4874 | 302.938542 | 26.55 | 33.6117 | 302.974306 | 26.53 | 33.6189 |
| 302.902778 | 26.22 | 33.5131 | 302.938889 | 26.55 | 33.5995 | 302.974653 | 26.55 | 33.6403 |
| 302.903125 | 26.23 | 33.4954 | 302.939236 | 26.55 | 33.5792 | 302.975 | 26.55 | 33.6077 |
| 302.903472 | 26.22 | 33.501 | 302.939583 | 26.52 | 33.5635 | 302.975347 | 26.53 | 33.6433 |
| 302.903819 | 26.23 | 33.5156 | 302.939931 | 26.46 | 33.5767 | 302.975694 | 26.53 | 33.6107 |
| 302.904167 | 26.29 | 33.5021 | 302.940278 | 26.52 | 33.6204 | 302.976042 | 26.53 | 33.627 |
| 302.904514 | 26.36 | 33.4429 | 302.940625 | 26.53 | 33.5904 | 302.976389 | 26.53 | 33.6229 |
| 302.904861 | 26.52 | 33.414 | 302.940972 | 26.53 | 33.5904 | 302.976736 | 26.53 | 33.6067 |
| 302.905208 | 26.55 | 33.4295 | 302.941319 | 26.53 | 33.5579 | 302.977083 | 26.53 | 33.6189 |
| 302.905556 | 26.3 | 33.5288 | 302.941667 | 26.52 | 33.6082 | 302.977431 | 26.53 | 33.5985 |
| 302.905903 | 26.19 | 33.534 | 302.942014 | 26.5 | 33.5625 | 302.977778 | 26.53 | 33.6393 |
| 302.90625 | 26.15 | 33.5807 | 302.942361 | 26.5 | 33.5787 | 302.978125 | 26.53 | 33.6311 |
| 302.906597 | 26.15 | 33.5766 | 302.942708 | 26.5 | 33.5747 | 302.978472 | 26.53 | 33.6311 |
| 302.906944 | 26.16 | 33.571 | 302.943056 | 26.52 | 33.5554 | 302.978819 | 26.53 | 33.6311 |
| 302.907292 | 26.16 | 33.575 | 302.943403 | 26.5 | 33.599 | 302.979167 | 26.53 | 33.6311 |
| 302.907639 | 26.2 | 33.5485 | 302.94375 | 26.53 | 33.5701 | 302.979514 | 26.53 | 33.6189 |
| 302.907986 | 26.27 | 33.5415 | 302.944097 | 26.53 | 33.6229 | 302.979861 | 26.53 | 33.6311 |
| 302.908333 | 26.23 | 33.564 | 302.944444 | 26.55 | 33.5914 | 302.980208 | 26.52 | 33.6326 |
| 302.908681 | 26.22 | 33.5696 | 302.944792 | 26.56 | 33.6061 | 302.980556 | 26.52 | 33.649 |
| 302.909028 | 26.22 | 33.5373 | 302.945139 | 26.53 | 33.6026 | 302.980903 | 26.53 | 33.6393 |
| 302.909375 | 26.2 | 33.5485 | 302.945486 | 26.53 | 33.5579 | 302.98125 | 26.53 | 33.6556 |
| 302.909722 | 26.17 | 33.5533 | 302.945833 | 26.52 | 33.596 | 302.981597 | 26.52 | 33.6367 |
| 302.910069 | 26.17 | 33.5492 | 302.946181 | 26.52 | 33.596 | 302.981944 | 26.53 | 33.6515 |
| 302.910417 | 26.16 | 33.5548 | 302.946528 | 26.53 | 33.6229 | 302.982292 | 26.53 | 33.6311 |
| 302.910764 | 26.17 | 33.5734 | 302.946875 | 26.55 | 33.5995 | 302.982639 | 26.52 | 33.6163 |
| 302.911111 | 26.16 | 33.5428 | 302.947222 | 26.55 | 33.6199 | 302.982986 | 26.52 | 33.6326 |
| 302.911458 | 26.15 | 33.5726 | 302.947569 | 26.55 | 33.6077 | 302.983333 | 26.53 | 33.6433 |
| 302.911806 | 26.15 | 33.5605 | 302.947917 | 26.55 | 33.6444 | 302.983681 | 26.53 | 33.6189 |
| 302.912153 | 26.17 | 33.5815 | 302.948264 | 26.55 | 33.5751 | 302.984028 | 26.53 | 33.5863 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.9125 | 26.16 | 33.5548 | 302.948611 | 26.56 | 33.5939 | 302.984375 | 26.53 | 33.5863 |
| 302.912847 | 26.17 | 33.5815 | 302.948958 | 26.55 | 33.6117 | 302.984722 | 26.53 | 33.6515 |
| 302.913194 | 26.2 | 33.5606 | 302.949306 | 26.56 | 33.6143 | 302.985069 | 26.53 | 33.6189 |
| 302.913542 | 26.2 | 33.5849 | 302.949653 | 26.56 | 33.5858 | 302.985417 | 26.53 | 33.6189 |
| 302.913889 | 26.22 | 33.606 | 302.95 | 26.56 | 33.6265 | 302.985764 | 26.53 | 33.6189 |
| 302.914236 | 26.25 | 33.577 | 302.950347 | 26.56 | 33.6021 | 302.986111 | 26.53 | 33.5985 |
| 302.914583 | 26.25 | 33.5568 | 302.950694 | 26.56 | 33.6388 | 302.986458 | 26.53 | 33.6311 |
| 302.914931 | 26.27 | 33.5739 | 302.951042 | 26.56 | 33.5817 | 302.986806 | 26.53 | 33.6515 |
| 302.915278 | 26.29 | 33.5424 | 302.951389 | 26.56 | 33.6265 | 302.987153 | 26.53 | 33.6067 |
| 302.915625 | 26.36 | 33.5639 | 302.951736 | 26.56 | 33.6021 | 302.9875 | 26.53 | 33.6311 |
| 302.915972 | 26.4 | 33.6063 | 302.952083 | 26.56 | 33.6347 | 302.987847 | 26.55 | 33.5995 |
| 302.916319 | 26.37 | 33.5826 | 302.952431 | 26.56 | 33.6143 | 302.988194 | 26.55 | 33.6403 |
| 302.916667 | 26.43 | 33.6098 | 302.952778 | 26.56 | 33.6021 | 302.988542 | 26.56 | 33.6224 |
| 302.917014 | 26.43 | 33.5895 | 302.953125 | 26.56 | 33.6265 | 302.988889 | 26.62 | 33.5563 |
| 302.917361 | 26.36 | 33.5882 | 302.953472 | 26.55 | 33.6199 | 302.989236 | 26.73 | 33.4223 |
| 302.917708 | 26.35 | 33.5695 | 302.953819 | 26.56 | 33.6143 | 302.989583 | 26.78 | 33.4067 |
| 302.918056 | 26.35 | 33.5492 | 302.954167 | 26.55 | 33.6077 | 302.989931 | 26.79 | 33.3689 |
| 302.918403 | 26.36 | 33.576 | 302.954514 | 26.56 | 33.6469 | 302.990278 | 26.79 | 33.389 |
| 302.91875 | 26.42 | 33.5748 | 302.954861 | 26.55 | 33.5995 | 302.990625 | 26.8 | 33.3393 |
| 302.919097 | 26.42 | 33.6276 | 302.955208 | 26.56 | 33.5899 | 302.990972 | 26.8 | 33.3714 |
| 302.919444 | 26.47 | 33.5955 | 302.955556 | 26.55 | 33.6199 | 302.991319 | 26.8 | 33.3513 |
| 302.919792 | 26.49 | 33.6169 | 302.955903 | 26.56 | 33.6143 | 302.991667 | 26.79 | 33.3769 |
| 302.920139 | 26.5 | 33.6235 | 302.95625 | 26.56 | 33.6021 | 302.992014 | 26.82 | 33.3684 |
| 302.920486 | 26.52 | 33.6 | 302.956597 | 26.55 | 33.6403 | 302.992361 | 26.82 | 33.3483 |
| 302.920833 | 26.53 | 33.5417 | 302.956944 | 26.55 | 33.5873 | 302.992708 | 26.82 | 33.3805 |
| 302.921181 | 26.52 | 33.6 | 302.957292 | 26.55 | 33.6199 | 302.993056 | 26.83 | 33.3629 |
| 302.921528 | 26.49 | 33.5721 | 302.957639 | 26.55 | 33.6321 | 302.993403 | 26.83 | 33.3951 |
| 302.921875 | 26.47 | 33.6077 | 302.957986 | 26.56 | 33.6265 | 302.99375 | 26.83 | 33.375 |
| 302.922222 | 26.47 | 33.5955 | 302.958333 | 26.55 | 33.6321 | 302.994097 | 26.83 | 33.3347 |
| 302.922569 | 26.5 | 33.5909 | 302.958681 | 26.55 | 33.6321 | 302.994444 | 26.83 | 33.3871 |
| 302.922917 | 26.52 | 33.5675 | 302.959028 | 26.55 | 33.6199 | 302.994792 | 26.85 | 33.3841 |
| 302.923264 | 26.52 | 33.5675 | 302.959375 | 26.55 | 33.6199 | 302.995139 | 26.83 | 33.375 |
| 302.923611 | 26.52 | 33.5757 | 302.959722 | 26.55 | 33.6444 | 302.995486 | 26.83 | 33.3548 |
| 302.923958 | 26.52 | 33.5797 | 302.960069 | 26.55 | 33.6607 | 302.995833 | 26.85 | 33.3639 |
| 302.924306 | 26.5 | 33.5787 | 302.960417 | 26.55 | 33.6077 | 302.996181 | 26.85 | 33.3518 |
| 302.924653 | 26.5 | 33.6072 | 302.960764 | 26.55 | 33.6199 | 302.996528 | 26.85 | 33.3398 |
| 302.925 | 26.5 | 33.5909 | 302.961111 | 26.55 | 33.6199 | 302.996875 | 26.85 | 33.372 |
| 302.925347 | 26.5 | 33.5868 | 302.961458 | 26.55 | 33.5995 | 302.997222 | 26.85 | 33.3639 |
| 302.925694 | 26.52 | 33.5675 | 302.961806 | 26.55 | 33.6321 | 302.997569 | 26.85 | 33.372 |
| 302.926042 | 26.52 | 33.5878 | 302.962153 | 26.55 | 33.6648 | 302.997917 | 26.83 | 33.3629 |
| 302.926389 | 26.52 | 33.6 | 302.9625 | 26.55 | 33.6403 | 302.998264 | 26.82 | 33.3604 |
| 302.926736 | 26.55 | 33.5589 | 302.962847 | 26.55 | 33.6444 | 302.998611 | 26.82 | 33.3805 |
| 302.927083 | 26.56 | 33.5858 | 302.963194 | 26.55 | 33.6321 | 302.998958 | 26.82 | 33.3282 |
| 302.927431 | 26.57 | 33.6005 | 302.963542 | 26.55 | 33.6077 | 302.999306 | 26.82 | 33.3483 |
| 302.927778 | 26.59 | 33.6016 | 302.963889 | 26.55 | 33.6403 | 302.999653 | 26.8 | 33.3714 |
| 302.928125 | 26.59 | 33.5812 | 302.964236 | 26.55 | 33.6321 | 303 | 26.8 | 33.3593 |
| 302.928472 | 26.6 | 33.5512 | 302.964583 | 26.55 | 33.6077 | 303.000347 | 26.8 | 33.3795 |
| 302.928819 | 26.6 | 33.5838 | 302.964931 | 26.55 | 33.6199 | 303.000694 | 26.8 | 33.3795 |
| 302.929167 | 26.59 | 33.5772 | 302.965278 | 26.55 | 33.6321 | 303.001042 | 26.79 | 33.3729 |
| 302.929514 | 26.59 | 33.5772 | 302.965625 | 26.55 | 33.5751 | 303.001389 | 26.79 | 33.3649 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.929861 | 26.59 | 33.6097 | 302.965972 | 26.55 | 33.5995 | 303.001736 | 26.79 | 33.3971 |
| 302.930208 | 26.59 | 33.5975 | 302.966319 | 26.55 | 33.6077 | 303.002083 | 26.79 | 33.3729 |
| 302.930556 | 26.59 | 33.5812 | 302.966667 | 26.55 | 33.6158 | 303.002431 | 26.79 | 33.3729 |
| 302.930903 | 26.6 | 33.5838 | 302.967014 | 26.55 | 33.6077 | 303.002778 | 26.78 | 33.3704 |
| 302.93125 | 26.59 | 33.6097 | | | | | | |

DPS3-3

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 303.311111 | 26.68 | 33.4904 | 303.394097 | 26.29 | 33.6437 | 303.477083 | 26.3 | 33.6381 |
| 303.311458 | 26.82 | 33.4289 | 303.394444 | 26.29 | 33.6031 | 303.477431 | 26.3 | 33.6462 |
| 303.311806 | 26.95 | 33.3249 | 303.394792 | 26.3 | 33.6056 | 303.477778 | 26.3 | 33.6462 |
| 303.312153 | 26.72 | 33.4318 | 303.395139 | 26.3 | 33.6503 | 303.478125 | 26.3 | 33.6259 |
| 303.3125 | 26.79 | 33.4092 | 303.395486 | 26.3 | 33.6381 | 303.478472 | 26.3 | 33.6462 |
| 303.312847 | 26.78 | 33.443 | 303.395833 | 26.3 | 33.63 | 303.478819 | 26.3 | 33.6259 |
| 303.313194 | 26.83 | 33.379 | 303.396181 | 26.3 | 33.6056 | 303.479167 | 26.3 | 33.6381 |
| 303.313542 | 27 | 33.3134 | 303.396528 | 26.3 | 33.6178 | 303.479514 | 26.29 | 33.6641 |
| 303.313889 | 27.09 | 33.26 | 303.396875 | 26.3 | 33.5975 | 303.479861 | 26.29 | 33.6194 |
| 303.314236 | 27.13 | 33.2742 | 303.397222 | 26.32 | 33.5741 | 303.480208 | 26.29 | 33.6194 |
| 303.314583 | 27.13 | 33.2943 | 303.397569 | 26.3 | 33.5813 | 303.480556 | 26.29 | 33.6559 |
| 303.314931 | 27.12 | 33.2636 | 303.397917 | 26.3 | 33.5854 | 303.480903 | 26.29 | 33.6519 |
| 303.315278 | 27.12 | 33.2395 | 303.398264 | 26.3 | 33.63 | 303.48125 | 26.29 | 33.6519 |
| 303.315625 | 27.09 | 33.2881 | 303.398611 | 26.3 | 33.63 | 303.481597 | 26.29 | 33.6315 |
| 303.315972 | 27.08 | 33.3016 | 303.398958 | 26.3 | 33.6178 | 303.481944 | 26.29 | 33.6315 |
| 303.316319 | 27.09 | 33.26 | 303.399306 | 26.3 | 33.6503 | 303.482292 | 26.29 | 33.6315 |
| 303.316667 | 27.09 | 33.3243 | 303.399653 | 26.3 | 33.5975 | 303.482639 | 26.29 | 33.6072 |
| 303.317014 | 27.1 | 33.2625 | 303.4 | 26.32 | 33.6187 | 303.482986 | 26.29 | 33.6559 |
| 303.317361 | 27.1 | 33.2625 | 303.400347 | 26.32 | 33.6391 | 303.483333 | 26.29 | 33.6194 |
| 303.317708 | 27.12 | 33.3038 | 303.400694 | 26.32 | 33.5822 | 303.483681 | 26.29 | 33.6437 |
| 303.318056 | 27.15 | 33.2552 | 303.401042 | 26.32 | 33.6269 | 303.484028 | 26.29 | 33.6315 |
| 303.318403 | 27.13 | 33.2662 | 303.401389 | 26.32 | 33.6269 | 303.484375 | 26.29 | 33.6315 |
| 303.31875 | 27.15 | 33.2552 | 303.401736 | 26.32 | 33.6147 | 303.484722 | 26.29 | 33.6437 |
| 303.319097 | 27.18 | 33.2468 | 303.402083 | 26.3 | 33.5935 | 303.485069 | 26.29 | 33.6397 |
| 303.319444 | 27.18 | 33.2348 | 303.402431 | 26.3 | 33.6178 | 303.485417 | 26.29 | 33.6559 |
| 303.319792 | 27.25 | 33.2246 | 303.402778 | 26.3 | 33.6178 | 303.485764 | 26.29 | 33.6315 |
| 303.320139 | 27.23 | 33.2275 | 303.403125 | 26.29 | 33.591 | 303.486111 | 26.29 | 33.6315 |
| 303.320486 | 27.23 | 33.2235 | 303.403472 | 26.29 | 33.5991 | 303.486458 | 26.29 | 33.6315 |
| 303.320833 | 27.15 | 33.2151 | 303.403819 | 26.29 | 33.6234 | 303.486806 | 26.29 | 33.6437 |
| 303.321181 | 27.05 | 33.29 | 303.404167 | 26.27 | 33.6022 | 303.487153 | 26.29 | 33.6315 |
| 303.321528 | 27.06 | 33.2845 | 303.404514 | 26.27 | 33.6022 | 303.4875 | 26.29 | 33.6519 |
| 303.321875 | 27.06 | 33.2965 | 303.404861 | 26.27 | 33.6103 | 303.487847 | 26.29 | 33.6559 |
| 303.322222 | 26.9 | 33.3645 | 303.405208 | 26.27 | 33.6347 | 303.488194 | 26.29 | 33.6519 |
| 303.322569 | 26.78 | 33.4107 | 303.405556 | 26.26 | 33.6403 | 303.488542 | 26.29 | 33.6519 |
| 303.322917 | 27 | 33.3497 | 303.405903 | 26.26 | 33.6525 | 303.488889 | 26.29 | 33.5869 |
| 303.323264 | 27.12 | 33.2837 | 303.40625 | 26.26 | 33.6403 | 303.489236 | 26.29 | 33.6437 |
| 303.323611 | 27.16 | 33.2618 | 303.406597 | 26.26 | 33.5957 | 303.489583 | 26.29 | 33.6437 |
| 303.323958 | 27.16 | 33.2377 | 303.406944 | 26.26 | 33.62 | 303.489931 | 26.29 | 33.6519 |
| 303.324306 | 27.16 | 33.2618 | 303.407292 | 26.26 | 33.6403 | 303.490278 | 26.29 | 33.6315 |
| 303.324653 | 27 | 33.3618 | 303.407639 | 26.27 | 33.6225 | 303.490625 | 26.29 | 33.6559 |
| 303.325 | 26.79 | 33.4132 | 303.407986 | 26.27 | 33.6103 | 303.490972 | 26.29 | 33.6112 |
| 303.325347 | 26.76 | 33.45 | 303.408333 | 26.27 | 33.655 | 303.491319 | 26.29 | 33.6072 |
| 303.325694 | 26.7 | 33.4551 | 303.408681 | 26.3 | 33.6178 | 303.491667 | 26.29 | 33.6437 |
| 303.326042 | 26.62 | 33.4551 | 303.409028 | 26.3 | 33.6503 | 303.492014 | 26.29 | 33.6397 |
| 303.326389 | 26.57 | 33.4829 | 303.409375 | 26.29 | 33.6112 | 303.492361 | 26.29 | 33.6315 |
| 303.326736 | 26.52 | 33.4946 | 303.409722 | 26.29 | 33.6437 | 303.492708 | 26.27 | 33.6428 |
| 303.327083 | 26.5 | 33.4896 | 303.410069 | 26.27 | 33.6347 | 303.493056 | 26.27 | 33.6428 |
| 303.327431 | 26.49 | 33.5073 | 303.410417 | 26.29 | 33.6112 | 303.493403 | 26.27 | 33.6631 |
| 303.327778 | 26.49 | 33.5195 | 303.410764 | 26.3 | 33.6056 | 303.49375 | 26.27 | 33.6184 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.328125 | 26.47 | 33.5225 | 303.411111 | 26.32 | 33.6269 | 303.494097 | 26.27 | 33.6428 |
| 303.328472 | 26.46 | 33.5241 | 303.411458 | 26.33 | 33.6416 | 303.494444 | 26.27 | 33.6631 |
| 303.328819 | 26.45 | 33.5661 | 303.411806 | 26.35 | 33.6222 | 303.494792 | 26.27 | 33.655 |
| 303.329167 | 26.45 | 33.5661 | 303.412153 | 26.36 | 33.6613 | 303.495139 | 26.27 | 33.655 |
| 303.329514 | 26.45 | 33.5661 | 303.4125 | 26.36 | 33.6369 | 303.495486 | 26.27 | 33.6184 |
| 303.329861 | 26.45 | 33.554 | 303.412847 | 26.37 | 33.6069 | 303.495833 | 26.27 | 33.6428 |
| 303.330208 | 26.45 | 33.5337 | 303.413194 | 26.36 | 33.6166 | 303.496181 | 26.27 | 33.6306 |
| 303.330556 | 26.45 | 33.5661 | 303.413542 | 26.36 | 33.6125 | 303.496528 | 26.27 | 33.6225 |
| 303.330903 | 26.46 | 33.5484 | 303.413889 | 26.37 | 33.6191 | 303.496875 | 26.27 | 33.6631 |
| 303.33125 | 26.47 | 33.5874 | 303.414236 | 26.37 | 33.6191 | 303.497222 | 26.27 | 33.6225 |
| 303.331597 | 26.46 | 33.5281 | 303.414583 | 26.37 | 33.6069 | 303.497569 | 26.27 | 33.655 |
| 303.331944 | 26.45 | 33.5661 | 303.414931 | 26.37 | 33.6069 | 303.497917 | 26.27 | 33.6428 |
| 303.332292 | 26.45 | 33.558 | 303.415278 | 26.39 | 33.6079 | 303.498264 | 26.27 | 33.6428 |
| 303.332639 | 26.45 | 33.5702 | 303.415625 | 26.39 | 33.6201 | 303.498611 | 26.27 | 33.6225 |
| 303.332986 | 26.43 | 33.5652 | 303.415972 | 26.39 | 33.5957 | 303.498958 | 26.27 | 33.6184 |
| 303.333333 | 26.43 | 33.5652 | 303.416319 | 26.39 | 33.6282 | 303.499306 | 26.27 | 33.6347 |
| 303.333681 | 26.43 | 33.5328 | 303.416667 | 26.39 | 33.6201 | 303.499653 | 26.26 | 33.6484 |
| 303.334028 | 26.43 | 33.557 | 303.417014 | 26.39 | 33.616 | 303.5 | 26.26 | 33.6688 |
| 303.334375 | 26.43 | 33.5773 | 303.417361 | 26.39 | 33.6282 | 303.500347 | 26.26 | 33.6606 |
| 303.334722 | 26.43 | 33.5773 | 303.417708 | 26.39 | 33.5957 | 303.500694 | 26.26 | 33.6403 |
| 303.335069 | 26.49 | 33.5437 | 303.418056 | 26.4 | 33.6144 | 303.501042 | 26.26 | 33.6688 |
| 303.335417 | 26.52 | 33.5594 | 303.418403 | 26.39 | 33.6079 | 303.501389 | 26.26 | 33.6403 |
| 303.335764 | 26.52 | 33.5351 | 303.41875 | 26.39 | 33.6201 | 303.501736 | 26.25 | 33.6459 |
| 303.336111 | 26.53 | 33.5214 | 303.419097 | 26.39 | 33.6079 | 303.502083 | 26.26 | 33.6688 |
| 303.336458 | 26.5 | 33.5382 | 303.419444 | 26.39 | 33.6404 | 303.502431 | 26.25 | 33.6541 |
| 303.336806 | 26.49 | 33.5559 | 303.419792 | 26.39 | 33.5957 | 303.502778 | 26.25 | 33.6663 |
| 303.337153 | 26.47 | 33.5468 | 303.420139 | 26.39 | 33.6201 | 303.503125 | 26.25 | 33.6337 |
| 303.3375 | 26.47 | 33.563 | 303.420486 | 26.39 | 33.6079 | 303.503472 | 26.25 | 33.6459 |
| 303.337847 | 26.46 | 33.5403 | 303.420833 | 26.39 | 33.6404 | 303.503819 | 26.23 | 33.645 |
| 303.338194 | 26.46 | 33.5727 | 303.421181 | 26.39 | 33.6201 | 303.504167 | 26.25 | 33.6459 |
| 303.338542 | 26.47 | 33.5549 | 303.421528 | 26.39 | 33.6079 | 303.504514 | 26.23 | 33.6572 |
| 303.338889 | 26.47 | 33.5549 | 303.421875 | 26.39 | 33.6404 | 303.504861 | 26.23 | 33.6898 |
| 303.339236 | 26.47 | 33.5428 | 303.422222 | 26.39 | 33.6282 | 303.505208 | 26.23 | 33.645 |
| 303.339583 | 26.46 | 33.5605 | 303.422569 | 26.39 | 33.6038 | 303.505556 | 26.23 | 33.6328 |
| 303.339931 | 26.46 | 33.5281 | 303.422917 | 26.39 | 33.6201 | 303.505903 | 26.23 | 33.6572 |
| 303.340278 | 26.46 | 33.5808 | 303.423264 | 26.39 | 33.6282 | 303.50625 | 26.23 | 33.6328 |
| 303.340625 | 26.45 | 33.5864 | 303.423611 | 26.39 | 33.6282 | 303.506597 | 26.23 | 33.645 |
| 303.340972 | 26.43 | 33.5652 | 303.423958 | 26.39 | 33.6404 | 303.506944 | 26.23 | 33.6653 |
| 303.341319 | 26.42 | 33.5626 | 303.424306 | 26.39 | 33.6404 | 303.507292 | 26.23 | 33.6653 |
| 303.341667 | 26.42 | 33.5829 | 303.424653 | 26.39 | 33.5957 | 303.507639 | 26.23 | 33.6653 |
| 303.342014 | 26.42 | 33.5626 | 303.425 | 26.39 | 33.6201 | 303.507986 | 26.23 | 33.6206 |
| 303.342361 | 26.43 | 33.5692 | 303.425347 | 26.39 | 33.6282 | 303.508333 | 26.23 | 33.645 |
| 303.342708 | 26.42 | 33.5626 | 303.425694 | 26.39 | 33.6201 | 303.508681 | 26.23 | 33.645 |
| 303.343056 | 26.42 | 33.5708 | 303.426042 | 26.39 | 33.6079 | 303.509028 | 26.23 | 33.6328 |
| 303.343403 | 26.42 | 33.5626 | 303.426389 | 26.39 | 33.5876 | 303.509375 | 26.23 | 33.645 |
| 303.34375 | 26.42 | 33.5505 | 303.426736 | 26.39 | 33.6079 | 303.509722 | 26.23 | 33.6328 |
| 303.344097 | 26.42 | 33.5626 | 303.427083 | 26.39 | 33.6485 | 303.510069 | 26.23 | 33.6328 |
| 303.344444 | 26.42 | 33.5829 | 303.427431 | 26.39 | 33.6404 | 303.510417 | 26.23 | 33.645 |
| 303.344792 | 26.42 | 33.5708 | 303.427778 | 26.39 | 33.616 | 303.510764 | 26.23 | 33.6898 |
| 303.345139 | 26.42 | 33.5505 | 303.428125 | 26.39 | 33.5957 | 303.511111 | 26.23 | 33.6328 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.345486 | 26.4 | 33.5698 | 303.428472 | 26.39 | 33.6079 | 303.511458 | 26.23 | 33.6694 |
| 303.345833 | 26.4 | 33.582 | 303.428819 | 26.37 | 33.6394 | 303.511806 | 26.23 | 33.6247 |
| 303.346181 | 26.4 | 33.5495 | 303.429167 | 26.37 | 33.6272 | 303.512153 | 26.23 | 33.645 |
| 303.346528 | 26.4 | 33.5617 | 303.429514 | 26.37 | 33.6272 | 303.5125 | 26.23 | 33.645 |
| 303.346875 | 26.4 | 33.5738 | 303.429861 | 26.39 | 33.5957 | 303.512847 | 26.22 | 33.6385 |
| 303.347222 | 26.4 | 33.5617 | 303.430208 | 26.37 | 33.6191 | 303.513194 | 26.22 | 33.6425 |
| 303.347569 | 26.4 | 33.5738 | 303.430556 | 26.37 | 33.6516 | 303.513542 | 26.22 | 33.671 |
| 303.347917 | 26.42 | 33.5708 | 303.430903 | 26.37 | 33.6516 | 303.513889 | 26.23 | 33.6369 |
| 303.348264 | 26.42 | 33.591 | 303.43125 | 26.37 | 33.6313 | 303.514236 | 26.23 | 33.6328 |
| 303.348611 | 26.42 | 33.5951 | 303.431597 | 26.37 | 33.5866 | 303.514583 | 26.22 | 33.6385 |
| 303.348958 | 26.42 | 33.591 | 303.431944 | 26.37 | 33.6069 | 303.514931 | 26.22 | 33.7036 |
| 303.349306 | 26.42 | 33.5384 | 303.432292 | 26.37 | 33.6394 | 303.515278 | 26.22 | 33.6506 |
| 303.349653 | 26.42 | 33.6032 | 303.432639 | 26.37 | 33.6069 | 303.515625 | 26.22 | 33.6303 |
| 303.35 | 26.43 | 33.6098 | 303.432986 | 26.37 | 33.6069 | 303.515972 | 26.22 | 33.606 |
| 303.350347 | 26.42 | 33.5626 | 303.433333 | 26.37 | 33.6313 | 303.516319 | 26.22 | 33.6303 |
| 303.350694 | 26.42 | 33.5626 | 303.433681 | 26.37 | 33.6435 | 303.516667 | 26.22 | 33.6385 |
| 303.351042 | 26.42 | 33.5626 | 303.434028 | 26.36 | 33.645 | 303.517014 | 26.22 | 33.6303 |
| 303.351389 | 26.4 | 33.6063 | 303.434375 | 26.36 | 33.6206 | 303.517361 | 26.22 | 33.675 |
| 303.351736 | 26.4 | 33.5738 | 303.434722 | 26.37 | 33.6191 | 303.517708 | 26.22 | 33.6506 |
| 303.352083 | 26.39 | 33.5795 | 303.435069 | 26.36 | 33.5922 | 303.518056 | 26.22 | 33.6182 |
| 303.352431 | 26.39 | 33.5673 | 303.435417 | 26.37 | 33.6313 | 303.518403 | 26.22 | 33.6506 |
| 303.352778 | 26.37 | 33.6028 | 303.435764 | 26.37 | 33.6516 | 303.51875 | 26.22 | 33.6506 |
| 303.353125 | 26.37 | 33.5663 | 303.436111 | 26.36 | 33.645 | 303.519097 | 26.22 | 33.6303 |
| 303.353472 | 26.37 | 33.611 | 303.436458 | 26.36 | 33.6369 | 303.519444 | 26.22 | 33.6385 |
| 303.353819 | 26.37 | 33.5947 | 303.436806 | 26.36 | 33.645 | 303.519792 | 26.22 | 33.6506 |
| 303.354167 | 26.37 | 33.5583 | 303.437153 | 26.36 | 33.6247 | 303.520139 | 26.22 | 33.6385 |
| 303.354514 | 26.36 | 33.6206 | 303.4375 | 26.36 | 33.6206 | 303.520486 | 26.22 | 33.6628 |
| 303.354861 | 26.36 | 33.572 | 303.437847 | 26.36 | 33.6247 | 303.520833 | 26.22 | 33.6303 |
| 303.355208 | 26.36 | 33.576 | 303.438194 | 26.36 | 33.6369 | 303.521181 | 26.22 | 33.671 |
| 303.355556 | 26.36 | 33.572 | 303.438542 | 26.36 | 33.6654 | 303.521528 | 26.22 | 33.6303 |
| 303.355903 | 26.36 | 33.572 | 303.438889 | 26.36 | 33.6247 | 303.521875 | 26.2 | 33.6741 |
| 303.35625 | 26.36 | 33.5841 | 303.439236 | 26.36 | 33.6369 | 303.522222 | 26.22 | 33.6832 |
| 303.356597 | 26.36 | 33.5841 | 303.439583 | 26.36 | 33.6369 | 303.522569 | 26.22 | 33.6506 |
| 303.356944 | 26.36 | 33.5922 | 303.439931 | 26.36 | 33.645 | 303.522917 | 26.2 | 33.6538 |
| 303.357292 | 26.36 | 33.576 | 303.440278 | 26.36 | 33.6044 | 303.523264 | 26.2 | 33.6741 |
| 303.357639 | 26.36 | 33.5841 | 303.440625 | 26.36 | 33.6247 | 303.523611 | 26.22 | 33.6628 |
| 303.357986 | 26.36 | 33.5963 | 303.440972 | 26.36 | 33.6491 | 303.523958 | 26.2 | 33.6497 |
| 303.358333 | 26.36 | 33.6044 | 303.441319 | 26.36 | 33.6125 | 303.524306 | 26.22 | 33.6506 |
| 303.358681 | 26.36 | 33.5841 | 303.441667 | 26.36 | 33.6247 | 303.524653 | 26.22 | 33.675 |
| 303.359028 | 26.36 | 33.5639 | 303.442014 | 26.36 | 33.645 | 303.525 | 26.22 | 33.6182 |
| 303.359375 | 26.36 | 33.6085 | 303.442361 | 26.36 | 33.6125 | 303.525347 | 26.2 | 33.6497 |
| 303.359722 | 26.36 | 33.6044 | 303.442708 | 26.36 | 33.6166 | 303.525694 | 26.22 | 33.6628 |
| 303.360069 | 26.36 | 33.5517 | 303.443056 | 26.36 | 33.645 | 303.526042 | 26.2 | 33.6497 |
| 303.360417 | 26.36 | 33.5639 | 303.443403 | 26.36 | 33.6003 | 303.526389 | 26.2 | 33.6497 |
| 303.360764 | 26.35 | 33.6019 | 303.44375 | 26.36 | 33.6125 | 303.526736 | 26.2 | 33.6497 |
| 303.361111 | 26.36 | 33.6166 | 303.444097 | 26.36 | 33.6247 | 303.527083 | 26.22 | 33.6506 |
| 303.361458 | 26.36 | 33.572 | 303.444444 | 26.36 | 33.6003 | 303.527431 | 26.2 | 33.6741 |
| 303.361806 | 26.35 | 33.5897 | 303.444792 | 26.36 | 33.6206 | 303.527778 | 26.2 | 33.6741 |
| 303.362153 | 26.36 | 33.5517 | 303.445139 | 26.36 | 33.6003 | 303.528125 | 26.2 | 33.6497 |
| 303.3625 | 26.36 | 33.572 | 303.445486 | 26.36 | 33.6125 | 303.528472 | 26.2 | 33.6375 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.362847 | 26.36 | 33.5598 | 303.445833 | 26.36 | 33.6044 | 303.528819 | 26.2 | 33.6741 |
| 303.363194 | 26.35 | 33.6344 | 303.446181 | 26.36 | 33.6003 | 303.529167 | 26.2 | 33.6294 |
| 303.363542 | 26.33 | 33.6009 | 303.446528 | 26.36 | 33.6003 | 303.529514 | 26.22 | 33.6303 |
| 303.363889 | 26.33 | 33.6009 | 303.446875 | 26.36 | 33.645 | 303.529861 | 26.2 | 33.6416 |
| 303.364236 | 26.35 | 33.5573 | 303.447222 | 26.36 | 33.6125 | 303.530208 | 26.2 | 33.6497 |
| 303.364583 | 26.35 | 33.5897 | 303.447569 | 26.36 | 33.6206 | 303.530556 | 26.2 | 33.6741 |
| 303.364931 | 26.35 | 33.5776 | 303.447917 | 26.36 | 33.6003 | 303.530903 | 26.2 | 33.6945 |
| 303.365278 | 26.35 | 33.5614 | 303.448264 | 26.37 | 33.6394 | 303.53125 | 26.2 | 33.6741 |
| 303.365625 | 26.35 | 33.6019 | 303.448611 | 26.37 | 33.6394 | 303.531597 | 26.2 | 33.6497 |
| 303.365972 | 26.33 | 33.6212 | 303.448958 | 26.37 | 33.5947 | 303.531944 | 26.2 | 33.6822 |
| 303.366319 | 26.33 | 33.5888 | 303.449306 | 26.36 | 33.6369 | 303.532292 | 26.2 | 33.6945 |
| 303.366667 | 26.33 | 33.5807 | 303.449653 | 26.36 | 33.6003 | 303.532639 | 26.2 | 33.67 |
| 303.367014 | 26.35 | 33.5695 | 303.45 | 26.36 | 33.6044 | 303.532986 | 26.2 | 33.6822 |
| 303.367361 | 26.35 | 33.5573 | 303.450347 | 26.36 | 33.6206 | 303.533333 | 26.2 | 33.6497 |
| 303.367708 | 26.35 | 33.6019 | 303.450694 | 26.36 | 33.6247 | 303.533681 | 26.2 | 33.6416 |
| 303.368056 | 26.35 | 33.5776 | 303.451042 | 26.36 | 33.6125 | 303.534028 | 26.2 | 33.6822 |
| 303.368403 | 26.36 | 33.6166 | 303.451389 | 26.36 | 33.6125 | 303.534375 | 26.2 | 33.7067 |
| 303.36875 | 26.36 | 33.5841 | 303.451736 | 26.36 | 33.6247 | 303.534722 | 26.2 | 33.7271 |
| 303.369097 | 26.35 | 33.5776 | 303.452083 | 26.36 | 33.6247 | 303.535069 | 26.2 | 33.6822 |
| 303.369444 | 26.35 | 33.5897 | 303.452431 | 26.36 | 33.6328 | 303.535417 | 26.2 | 33.6741 |
| 303.369792 | 26.35 | 33.5776 | 303.452778 | 26.36 | 33.6328 | 303.535764 | 26.2 | 33.6497 |
| 303.370139 | 26.33 | 33.6009 | 303.453125 | 26.36 | 33.645 | 303.536111 | 26.2 | 33.6497 |
| 303.370486 | 26.35 | 33.5897 | 303.453472 | 26.36 | 33.6247 | 303.536458 | 26.2 | 33.7067 |
| 303.370833 | 26.33 | 33.5807 | 303.453819 | 26.36 | 33.645 | 303.536806 | 26.2 | 33.6863 |
| 303.371181 | 26.35 | 33.5695 | 303.454167 | 26.36 | 33.6369 | 303.537153 | 26.2 | 33.6416 |
| 303.371528 | 26.35 | 33.6019 | 303.454514 | 26.36 | 33.6125 | 303.5375 | 26.2 | 33.6619 |
| 303.371875 | 26.35 | 33.61 | 303.454861 | 26.37 | 33.615 | 303.537847 | 26.2 | 33.6173 |
| 303.372222 | 26.35 | 33.6019 | 303.455208 | 26.36 | 33.6247 | 303.538194 | 26.2 | 33.6741 |
| 303.372569 | 26.35 | 33.5654 | 303.455556 | 26.36 | 33.6206 | 303.538542 | 26.2 | 33.6741 |
| 303.372917 | 26.35 | 33.6019 | 303.455903 | 26.37 | 33.6394 | 303.538889 | 26.2 | 33.6619 |
| 303.373264 | 26.35 | 33.5897 | 303.45625 | 26.36 | 33.6369 | 303.539236 | 26.2 | 33.6294 |
| 303.373611 | 26.33 | 33.5928 | 303.456597 | 26.36 | 33.6369 | 303.539583 | 26.2 | 33.6497 |
| 303.373958 | 26.35 | 33.5776 | 303.456944 | 26.36 | 33.6247 | 303.539931 | 26.2 | 33.6416 |
| 303.374306 | 26.35 | 33.5897 | 303.457292 | 26.36 | 33.6247 | 303.540278 | 26.2 | 33.6822 |
| 303.374653 | 26.35 | 33.5897 | 303.457639 | 26.36 | 33.6125 | 303.540625 | 26.2 | 33.6497 |
| 303.375 | 26.35 | 33.5776 | 303.457986 | 26.35 | 33.6425 | 303.540972 | 26.2 | 33.6416 |
| 303.375347 | 26.35 | 33.6019 | 303.458333 | 26.36 | 33.6247 | 303.541319 | 26.2 | 33.6619 |
| 303.375694 | 26.35 | 33.5897 | 303.458681 | 26.36 | 33.6247 | 303.541667 | 26.22 | 33.6303 |
| 303.376042 | 26.33 | 33.6172 | 303.459028 | 26.36 | 33.6003 | 303.542014 | 26.25 | 33.6989 |
| 303.376389 | 26.33 | 33.5766 | 303.459375 | 26.36 | 33.6369 | 303.542361 | 26.3 | 33.5935 |
| 303.376736 | 26.33 | 33.6253 | 303.459722 | 26.36 | 33.6125 | 303.542708 | 26.32 | 33.6472 |
| 303.377083 | 26.33 | 33.6131 | 303.460069 | 26.36 | 33.6695 | 303.543056 | 26.33 | 33.5969 |
| 303.377431 | 26.32 | 33.5944 | 303.460417 | 26.35 | 33.6263 | 303.543403 | 26.35 | 33.5897 |
| 303.377778 | 26.32 | 33.5863 | 303.460764 | 26.35 | 33.6303 | 303.54375 | 26.36 | 33.572 |
| 303.378125 | 26.32 | 33.6309 | 303.461111 | 26.35 | 33.6181 | 303.544097 | 26.39 | 33.5511 |
| 303.378472 | 26.32 | 33.6187 | 303.461458 | 26.33 | 33.6416 | 303.544444 | 26.43 | 33.553 |
| 303.378819 | 26.32 | 33.5822 | 303.461806 | 26.33 | 33.6497 | 303.544792 | 26.45 | 33.5175 |
| 303.379167 | 26.3 | 33.5651 | 303.462153 | 26.33 | 33.6416 | 303.545139 | 26.46 | 33.5362 |
| 303.379514 | 26.3 | 33.5975 | 303.4625 | 26.33 | 33.6538 | 303.545486 | 26.49 | 33.5316 |
| 303.379861 | 26.29 | 33.6356 | 303.462847 | 26.33 | 33.6091 | 303.545833 | 26.52 | 33.4664 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.380208 | 26.27 | 33.6144 | 303.463194 | 26.32 | 33.6269 | 303.546181 | 26.52 | 33.5108 |
| 303.380556 | 26.26 | 33.62 | 303.463542 | 26.32 | 33.635 | 303.546528 | 26.52 | 33.4987 |
| 303.380903 | 26.26 | 33.5997 | 303.463889 | 26.33 | 33.6294 | 303.546875 | 26.52 | 33.5108 |
| 303.38125 | 26.26 | 33.5876 | 303.464236 | 26.33 | 33.6294 | 303.547222 | 26.53 | 33.485 |
| 303.381597 | 26.26 | 33.62 | 303.464583 | 26.33 | 33.6172 | 303.547569 | 26.53 | 33.485 |
| 303.381944 | 26.25 | 33.6053 | 303.464931 | 26.33 | 33.6619 | 303.547917 | 26.53 | 33.4931 |
| 303.382292 | 26.23 | 33.5963 | 303.465278 | 26.35 | 33.6425 | 303.548264 | 26.53 | 33.5133 |
| 303.382639 | 26.23 | 33.6572 | 303.465625 | 26.35 | 33.6425 | 303.548611 | 26.55 | 33.5022 |
| 303.382986 | 26.23 | 33.5842 | 303.465972 | 26.35 | 33.6629 | 303.548958 | 26.55 | 33.5022 |
| 303.383333 | 26.22 | 33.6101 | 303.466319 | 26.35 | 33.6303 | 303.549306 | 26.55 | 33.5062 |
| 303.383681 | 26.23 | 33.6288 | 303.466667 | 26.35 | 33.6303 | 303.549653 | 26.57 | 33.491 |
| 303.384028 | 26.22 | 33.6222 | 303.467014 | 26.36 | 33.6125 | 303.55 | 26.56 | 33.5006 |
| 303.384375 | 26.22 | 33.6547 | 303.467361 | 26.36 | 33.6573 | 303.550347 | 26.55 | 33.4941 |
| 303.384722 | 26.22 | 33.5979 | 303.467708 | 26.36 | 33.6369 | 303.550694 | 26.56 | 33.4764 |
| 303.385069 | 26.22 | 33.6101 | 303.468056 | 26.36 | 33.6044 | 303.551042 | 26.56 | 33.4764 |
| 303.385417 | 26.22 | 33.6222 | 303.468403 | 26.33 | 33.6172 | 303.551389 | 26.56 | 33.4562 |
| 303.385764 | 26.23 | 33.6288 | 303.46875 | 26.33 | 33.6497 | 303.551736 | 26.56 | 33.4845 |
| 303.386111 | 26.25 | 33.6256 | 303.469097 | 26.33 | 33.6497 | 303.552083 | 26.57 | 33.491 |
| 303.386458 | 26.25 | 33.5932 | 303.469444 | 26.33 | 33.5847 | 303.552431 | 26.57 | 33.4829 |
| 303.386806 | 26.25 | 33.6053 | 303.469792 | 26.32 | 33.6594 | 303.552778 | 26.57 | 33.4789 |
| 303.387153 | 26.25 | 33.6135 | 303.470139 | 26.32 | 33.6472 | 303.553125 | 26.57 | 33.5153 |
| 303.3875 | 26.27 | 33.6144 | 303.470486 | 26.32 | 33.6269 | 303.553472 | 26.57 | 33.4587 |
| 303.387847 | 26.27 | 33.5698 | 303.470833 | 26.32 | 33.6594 | 303.553819 | 26.57 | 33.5031 |
| 303.388194 | 26.27 | 33.6022 | 303.471181 | 26.32 | 33.6025 | 303.554167 | 26.57 | 33.4708 |
| 303.388542 | 26.27 | 33.6144 | 303.471528 | 26.32 | 33.635 | 303.554514 | 26.57 | 33.5153 |
| 303.388889 | 26.27 | 33.6591 | 303.471875 | 26.32 | 33.6269 | 303.554861 | 26.57 | 33.4708 |
| 303.389236 | 26.27 | 33.6144 | 303.472222 | 26.32 | 33.6676 | 303.555208 | 26.59 | 33.492 |
| 303.389583 | 26.27 | 33.6469 | 303.472569 | 26.3 | 33.6462 | 303.555556 | 26.6 | 33.4945 |
| 303.389931 | 26.27 | 33.6144 | 303.472917 | 26.32 | 33.6716 | 303.555903 | 26.59 | 33.492 |
| 303.390278 | 26.27 | 33.6347 | 303.473264 | 26.32 | 33.6269 | 303.55625 | 26.59 | 33.492 |
| 303.390625 | 26.29 | 33.6437 | 303.473611 | 26.3 | 33.6381 | 303.556597 | 26.6 | 33.4622 |
| 303.390972 | 26.29 | 33.6356 | 303.473958 | 26.3 | 33.6462 | 303.556944 | 26.6 | 33.5066 |
| 303.391319 | 26.27 | 33.6347 | 303.474306 | 26.3 | 33.6503 | 303.557292 | 26.6 | 33.4622 |
| 303.391667 | 26.29 | 33.6031 | 303.474653 | 26.3 | 33.5813 | 303.557639 | 26.6 | 33.4743 |
| 303.392014 | 26.29 | 33.6478 | 303.475 | 26.3 | 33.6259 | 303.557986 | 26.6 | 33.4945 |
| 303.392361 | 26.29 | 33.6112 | 303.475347 | 26.3 | 33.6381 | 303.558333 | 26.62 | 33.4753 |
| 303.392708 | 26.29 | 33.6234 | 303.475694 | 26.3 | 33.6259 | 303.558681 | 26.6 | 33.5066 |
| 303.393056 | 26.29 | 33.6559 | 303.476042 | 26.3 | 33.6707 | 303.559028 | 26.62 | 33.4188 |
| 303.393403 | 26.29 | 33.6478 | 303.476389 | 26.3 | 33.6381 | 303.559375 | 26.62 | 33.4834 |
| 303.39375 | 26.29 | 33.5829 | 303.476736 | 26.3 | 33.6585 | | | |

DPS4-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.530208 | 26.97 | 33.6761 | 302.620486 | 26.9 | 33.6178 | 302.710417 | 26.75 | 33.6975 |
| 302.530556 | 26.96 | 33.6365 | 302.620833 | 26.9 | 33.6374 | 302.710764 | 26.75 | 33.6926 |
| 302.530903 | 26.97 | 33.6147 | 302.621181 | 26.9 | 33.6374 | 302.711111 | 26.75 | 33.6631 |
| 302.53125 | 26.97 | 33.5927 | 302.621528 | 26.92 | 33.6012 | 302.711458 | 26.75 | 33.6975 |
| 302.531597 | 26.96 | 33.5729 | 302.621875 | 26.9 | 33.6301 | 302.711806 | 26.75 | 33.6926 |
| 302.531944 | 26.96 | 33.5681 | 302.622222 | 26.9 | 33.6252 | 302.712153 | 26.74 | 33.7095 |
| 302.532292 | 26.96 | 33.5729 | 302.622569 | 26.9 | 33.6423 | 302.7125 | 26.74 | 33.6972 |
| 302.532639 | 26.94 | 33.5773 | 302.622917 | 26.89 | 33.6225 | 302.712847 | 26.74 | 33.7169 |
| 302.532986 | 26.96 | 33.5729 | 302.623264 | 26.89 | 33.6225 | 302.713194 | 26.72 | 33.6992 |
| 302.533333 | 26.94 | 33.5822 | 302.623611 | 26.87 | 33.6367 | 302.713542 | 26.74 | 33.6948 |
| 302.533681 | 26.93 | 33.5697 | 302.623958 | 26.87 | 33.6269 | 302.713889 | 26.72 | 33.7066 |
| 302.534028 | 26.93 | 33.5357 | 302.624306 | 26.87 | 33.6318 | 302.714236 | 26.72 | 33.6992 |
| 302.534375 | 26.93 | 33.5673 | 302.624653 | 26.87 | 33.6391 | 302.714583 | 26.72 | 33.7139 |
| 302.534722 | 26.92 | 33.5427 | 302.625 | 26.87 | 33.6391 | 302.714931 | 26.72 | 33.7189 |
| 302.535069 | 26.9 | 33.5715 | 302.625347 | 26.87 | 33.6318 | 302.715278 | 26.72 | 33.6992 |
| 302.535417 | 26.9 | 33.5836 | 302.625694 | 26.89 | 33.6078 | 302.715625 | 26.74 | 33.7095 |
| 302.535764 | 26.89 | 33.5347 | 302.626042 | 26.89 | 33.6274 | 302.715972 | 26.74 | 33.7095 |
| 302.536111 | 26.89 | 33.5542 | 302.626389 | 26.89 | 33.647 | 302.716319 | 26.74 | 33.7021 |
| 302.536458 | 26.9 | 33.5423 | 302.626736 | 26.89 | 33.6078 | 302.716667 | 26.72 | 33.6918 |
| 302.536806 | 26.89 | 33.559 | 302.627083 | 26.89 | 33.6225 | 302.717014 | 26.74 | 33.6899 |
| 302.537153 | 26.89 | 33.5785 | 302.627431 | 26.89 | 33.6151 | 302.717361 | 26.74 | 33.7169 |
| 302.5375 | 26.89 | 33.5444 | 302.627778 | 26.89 | 33.6274 | 302.717708 | 26.72 | 33.7115 |
| 302.537847 | 26.9 | 33.5836 | 302.628125 | 26.87 | 33.644 | 302.718056 | 26.72 | 33.6992 |
| 302.538194 | 26.9 | 33.5447 | 302.628472 | 26.87 | 33.6514 | 302.718403 | 26.72 | 33.7115 |
| 302.538542 | 26.92 | 33.5598 | 302.628819 | 26.87 | 33.6098 | 302.71875 | 26.72 | 33.7041 |
| 302.538889 | 26.93 | 33.5357 | 302.629167 | 26.87 | 33.6514 | 302.719097 | 26.72 | 33.7262 |
| 302.539236 | 26.93 | 33.5211 | 302.629514 | 26.86 | 33.6511 | 302.719444 | 26.72 | 33.6992 |
| 302.539583 | 26.92 | 33.533 | 302.629861 | 26.86 | 33.6413 | 302.719792 | 26.72 | 33.7115 |
| 302.539931 | 26.93 | 33.5527 | 302.630208 | 26.86 | 33.6536 | 302.720139 | 26.72 | 33.7139 |
| 302.540278 | 26.93 | 33.5454 | 302.630556 | 26.86 | 33.6364 | 302.720486 | 26.72 | 33.6992 |
| 302.540625 | 26.92 | 33.5573 | 302.630903 | 26.87 | 33.644 | 302.720833 | 26.72 | 33.7066 |
| 302.540972 | 26.92 | 33.5233 | 302.63125 | 26.87 | 33.6293 | 302.721181 | 26.71 | 33.7039 |
| 302.541319 | 26.92 | 33.5354 | 302.631597 | 26.87 | 33.6318 | 302.721528 | 26.71 | 33.7162 |
| 302.541667 | 26.9 | 33.5374 | 302.631944 | 26.87 | 33.644 | 302.721875 | 26.71 | 33.7039 |
| 302.542014 | 26.9 | 33.5447 | 302.632292 | 26.89 | 33.62 | 302.722222 | 26.71 | 33.6965 |
| 302.542361 | 26.9 | 33.5495 | 302.632639 | 26.89 | 33.6298 | 302.722569 | 26.71 | 33.7162 |
| 302.542708 | 26.92 | 33.5403 | 302.632986 | 26.9 | 33.6032 | 302.722917 | 26.71 | 33.7112 |
| 302.543056 | 26.9 | 33.5301 | 302.633333 | 26.9 | 33.6374 | 302.723264 | 26.71 | 33.7432 |
| 302.543403 | 26.9 | 33.569 | 302.633681 | 26.9 | 33.6374 | 302.723611 | 26.71 | 33.7014 |
| 302.54375 | 26.9 | 33.5495 | 302.634028 | 26.9 | 33.6154 | 302.723958 | 26.71 | 33.7039 |
| 302.544097 | 26.9 | 33.5471 | 302.634375 | 26.9 | 33.6227 | 302.724306 | 26.71 | 33.7162 |
| 302.544444 | 26.9 | 33.5471 | 302.634722 | 26.9 | 33.6374 | 302.724653 | 26.71 | 33.6965 |
| 302.544792 | 26.93 | 33.5138 | 302.635069 | 26.9 | 33.6301 | 302.725 | 26.71 | 33.6965 |
| 302.545139 | 26.93 | 33.5332 | 302.635417 | 26.9 | 33.6178 | 302.725347 | 26.71 | 33.7039 |
| 302.545486 | 26.93 | 33.526 | 302.635764 | 26.89 | 33.6274 | 302.725694 | 26.71 | 33.7112 |
| 302.545833 | 26.93 | 33.5211 | 302.636111 | 26.89 | 33.62 | 302.726042 | 26.71 | 33.6916 |
| 302.546181 | 26.93 | 33.5332 | 302.636458 | 26.89 | 33.6151 | 302.726389 | 26.71 | 33.6965 |
| 302.546528 | 26.93 | 33.5527 | 302.636806 | 26.9 | 33.6301 | 302.726736 | 26.71 | 33.7162 |
| 302.546875 | 26.94 | 33.5456 | 302.637153 | 26.89 | 33.6151 | 302.727083 | 26.71 | 33.7309 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.547222 | 26.96 | 33.5242 | 302.6375 | 26.89 | 33.6274 | 302.727431 | 26.71 | 33.7309 |
| 302.547569 | 26.97 | 33.5002 | 302.637847 | 26.89 | 33.647 | 302.727778 | 26.71 | 33.7112 |
| 302.547917 | 26.96 | 33.5097 | 302.638194 | 26.89 | 33.6274 | 302.728125 | 26.71 | 33.7112 |
| 302.548264 | 26.94 | 33.5456 | 302.638542 | 26.89 | 33.6274 | 302.728472 | 26.71 | 33.6941 |
| 302.548611 | 26.93 | 33.5235 | 302.638889 | 26.89 | 33.6347 | 302.728819 | 26.71 | 33.7112 |
| 302.548958 | 26.93 | 33.5357 | 302.639236 | 26.89 | 33.6151 | 302.729167 | 26.71 | 33.7039 |
| 302.549306 | 26.92 | 33.5281 | 302.639583 | 26.87 | 33.6489 | 302.729514 | 26.71 | 33.7112 |
| 302.549653 | 26.93 | 33.5478 | 302.639931 | 26.89 | 33.6421 | 302.729861 | 26.7 | 33.7012 |
| 302.55 | 26.92 | 33.5403 | 302.640278 | 26.87 | 33.622 | 302.730208 | 26.71 | 33.6965 |
| 302.550347 | 26.92 | 33.533 | 302.640625 | 26.87 | 33.6367 | 302.730556 | 26.7 | 33.7085 |
| 302.550694 | 26.9 | 33.5568 | 302.640972 | 26.85 | 33.6533 | 302.730903 | 26.71 | 33.7162 |
| 302.551042 | 26.9 | 33.5617 | 302.641319 | 26.86 | 33.6364 | 302.73125 | 26.71 | 33.7112 |
| 302.551389 | 26.92 | 33.5403 | 302.641667 | 26.87 | 33.6489 | 302.731597 | 26.71 | 33.7039 |
| 302.551736 | 26.92 | 33.5452 | 302.642014 | 26.89 | 33.62 | 302.731944 | 26.7 | 33.7085 |
| 302.552083 | 26.92 | 33.5525 | 302.642361 | 26.89 | 33.6225 | 302.732292 | 26.7 | 33.7135 |
| 302.552431 | 26.92 | 33.5525 | 302.642708 | 26.89 | 33.6592 | 302.732639 | 26.71 | 33.7162 |
| 302.552778 | 26.92 | 33.5403 | 302.643056 | 26.87 | 33.6489 | 302.732986 | 26.71 | 33.7186 |
| 302.553125 | 26.93 | 33.5551 | 302.643403 | 26.89 | 33.6274 | 302.733333 | 26.7 | 33.7159 |
| 302.553472 | 26.93 | 33.5211 | 302.64375 | 26.87 | 33.6367 | 302.733681 | 26.7 | 33.7012 |
| 302.553819 | 26.93 | 33.5673 | 302.644097 | 26.87 | 33.6098 | 302.734028 | 26.7 | 33.7356 |
| 302.554167 | 26.93 | 33.5332 | 302.644444 | 26.87 | 33.6244 | 302.734375 | 26.7 | 33.6938 |
| 302.554514 | 26.93 | 33.526 | 302.644792 | 26.89 | 33.6347 | 302.734722 | 26.7 | 33.7356 |
| 302.554861 | 26.93 | 33.526 | 302.645139 | 26.89 | 33.647 | 302.735069 | 26.7 | 33.7061 |
| 302.555208 | 26.94 | 33.5529 | 302.645486 | 26.89 | 33.62 | 302.735417 | 26.7 | 33.7356 |
| 302.555556 | 26.94 | 33.5651 | 302.645833 | 26.89 | 33.6127 | 302.735764 | 26.7 | 33.7479 |
| 302.555903 | 26.94 | 33.5724 | 302.646181 | 26.89 | 33.6274 | 302.736111 | 26.7 | 33.7356 |
| 302.55625 | 26.94 | 33.5383 | 302.646528 | 26.89 | 33.6127 | 302.736458 | 26.7 | 33.7233 |
| 302.556597 | 26.94 | 33.5602 | 302.646875 | 26.89 | 33.647 | 302.736806 | 26.71 | 33.6965 |
| 302.556944 | 26.94 | 33.5505 | 302.647222 | 26.89 | 33.62 | 302.737153 | 26.7 | 33.7012 |
| 302.557292 | 26.96 | 33.5632 | 302.647569 | 26.86 | 33.634 | 302.7375 | 26.71 | 33.7235 |
| 302.557639 | 26.96 | 33.5486 | 302.647917 | 26.86 | 33.6462 | 302.737847 | 26.7 | 33.6938 |
| 302.557986 | 26.96 | 33.5559 | 302.648264 | 26.85 | 33.646 | 302.738194 | 26.7 | 33.7012 |
| 302.558333 | 26.96 | 33.5559 | 302.648611 | 26.85 | 33.646 | 302.738542 | 26.7 | 33.7257 |
| 302.558681 | 26.96 | 33.5559 | 302.648958 | 26.85 | 33.6337 | 302.738889 | 26.7 | 33.6865 |
| 302.559028 | 26.96 | 33.5681 | 302.649306 | 26.85 | 33.6533 | 302.739236 | 26.7 | 33.7208 |
| 302.559375 | 26.96 | 33.5607 | 302.649653 | 26.83 | 33.6553 | 302.739583 | 26.7 | 33.7282 |
| 302.559722 | 26.97 | 33.5561 | 302.65 | 26.83 | 33.6357 | 302.739931 | 26.7 | 33.7282 |
| 302.560069 | 26.97 | 33.5366 | 302.650347 | 26.83 | 33.6553 | 302.740278 | 26.7 | 33.7331 |
| 302.560417 | 26.97 | 33.5488 | 302.650694 | 26.83 | 33.6675 | 302.740625 | 26.7 | 33.7479 |
| 302.560764 | 26.97 | 33.5707 | 302.651042 | 26.83 | 33.6553 | 302.740972 | 26.7 | 33.7208 |
| 302.561111 | 26.98 | 33.5515 | 302.651389 | 26.83 | 33.643 | 302.741319 | 26.7 | 33.7012 |
| 302.561458 | 27 | 33.5228 | 302.651736 | 26.83 | 33.643 | 302.741667 | 26.7 | 33.7159 |
| 302.561806 | 27 | 33.5301 | 302.652083 | 26.83 | 33.6675 | 302.742014 | 26.7 | 33.7257 |
| 302.562153 | 27 | 33.5204 | 302.652431 | 26.82 | 33.6281 | 302.742361 | 26.7 | 33.7159 |
| 302.5625 | 27 | 33.5496 | 302.652778 | 26.83 | 33.6626 | 302.742708 | 26.7 | 33.7208 |
| 302.562847 | 27 | 33.5423 | 302.653125 | 26.82 | 33.6599 | 302.743056 | 26.7 | 33.7208 |
| 302.563194 | 27 | 33.5739 | 302.653472 | 26.82 | 33.6673 | 302.743403 | 26.7 | 33.7135 |
| 302.563542 | 27.01 | 33.562 | 302.653819 | 26.81 | 33.6646 | 302.74375 | 26.7 | 33.7061 |
| 302.563889 | 27.01 | 33.5425 | 302.654167 | 26.81 | 33.6695 | 302.744097 | 26.7 | 33.7012 |
| 302.564236 | 27.01 | 33.5425 | 302.654514 | 26.79 | 33.647 | 302.744444 | 26.68 | 33.7376 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.564583 | 27.01 | 33.5376 | 302.654861 | 26.79 | 33.6543 | 302.744792 | 26.68 | 33.7326 |
| 302.564931 | 27.03 | 33.5284 | 302.655208 | 26.79 | 33.6862 | 302.745139 | 26.7 | 33.7012 |
| 302.565278 | 26.98 | 33.5637 | 302.655556 | 26.81 | 33.6597 | 302.745486 | 26.68 | 33.6958 |
| 302.565625 | 27 | 33.5325 | 302.655903 | 26.81 | 33.6646 | 302.745833 | 26.68 | 33.7179 |
| 302.565972 | 27 | 33.5715 | 302.65625 | 26.81 | 33.6646 | 302.746181 | 26.68 | 33.7302 |
| 302.566319 | 27 | 33.5715 | 302.656597 | 26.81 | 33.6646 | 302.746528 | 26.68 | 33.7253 |
| 302.566667 | 27 | 33.5398 | 302.656944 | 26.81 | 33.6842 | 302.746875 | 26.68 | 33.7154 |
| 302.567014 | 26.98 | 33.5539 | 302.657292 | 26.81 | 33.6842 | 302.747222 | 26.7 | 33.7061 |
| 302.567361 | 27 | 33.552 | 302.657639 | 26.82 | 33.6477 | 302.747569 | 26.68 | 33.7253 |
| 302.567708 | 26.98 | 33.5296 | 302.657986 | 26.82 | 33.6403 | 302.747917 | 26.68 | 33.7376 |
| 302.568056 | 26.97 | 33.5586 | 302.658333 | 26.82 | 33.6452 | 302.748264 | 26.7 | 33.7159 |
| 302.568403 | 26.97 | 33.5659 | 302.658681 | 26.82 | 33.6599 | 302.748611 | 26.7 | 33.7282 |
| 302.56875 | 26.96 | 33.59 | 302.659028 | 26.81 | 33.6646 | 302.748958 | 26.68 | 33.7105 |
| 302.569097 | 26.97 | 33.5464 | 302.659375 | 26.79 | 33.6665 | 302.749306 | 26.7 | 33.7159 |
| 302.569444 | 26.96 | 33.5851 | 302.659722 | 26.79 | 33.6813 | 302.749653 | 26.68 | 33.7105 |
| 302.569792 | 26.96 | 33.5778 | 302.660069 | 26.79 | 33.6813 | 302.75 | 26.68 | 33.7228 |
| 302.570139 | 26.93 | 33.5844 | 302.660417 | 26.79 | 33.6665 | 302.750347 | 26.68 | 33.7253 |
| 302.570486 | 26.94 | 33.592 | 302.660764 | 26.78 | 33.6908 | 302.750694 | 26.68 | 33.7081 |
| 302.570833 | 26.94 | 33.5871 | 302.661111 | 26.78 | 33.6639 | 302.751042 | 26.68 | 33.7253 |
| 302.571181 | 26.93 | 33.5966 | 302.661458 | 26.79 | 33.6739 | 302.751389 | 26.68 | 33.745 |
| 302.571528 | 26.9 | 33.6032 | 302.661806 | 26.79 | 33.6665 | 302.751736 | 26.68 | 33.7179 |
| 302.571875 | 26.85 | 33.6191 | 302.662153 | 26.79 | 33.6543 | 302.752083 | 26.68 | 33.7228 |
| 302.572222 | 26.86 | 33.6168 | 302.6625 | 26.79 | 33.6862 | 302.752431 | 26.68 | 33.7154 |
| 302.572569 | 26.89 | 33.6151 | 302.662847 | 26.79 | 33.6862 | 302.752778 | 26.68 | 33.7228 |
| 302.572917 | 26.87 | 33.6171 | 302.663194 | 26.79 | 33.6543 | 302.753125 | 26.68 | 33.7032 |
| 302.573264 | 26.87 | 33.6318 | 302.663542 | 26.81 | 33.6597 | 302.753472 | 26.68 | 33.7302 |
| 302.573611 | 26.86 | 33.6144 | 302.663889 | 26.81 | 33.6768 | 302.753819 | 26.68 | 33.7228 |
| 302.573958 | 26.87 | 33.6098 | 302.664236 | 26.81 | 33.6499 | 302.754167 | 26.68 | 33.7179 |
| 302.574306 | 26.89 | 33.6005 | 302.664583 | 26.81 | 33.6768 | 302.754514 | 26.68 | 33.7032 |
| 302.574653 | 26.89 | 33.6151 | 302.664931 | 26.81 | 33.6916 | 302.754861 | 26.68 | 33.7302 |
| 302.575 | 26.87 | 33.6244 | 302.665278 | 26.81 | 33.6916 | 302.755208 | 26.68 | 33.7032 |
| 302.575347 | 26.87 | 33.6244 | 302.665625 | 26.81 | 33.6768 | 302.755556 | 26.68 | 33.7253 |
| 302.575694 | 26.87 | 33.6122 | 302.665972 | 26.82 | 33.6722 | 302.755903 | 26.68 | 33.7105 |
| 302.576042 | 26.87 | 33.6171 | 302.666319 | 26.82 | 33.6795 | 302.75625 | 26.68 | 33.7105 |
| 302.576389 | 26.87 | 33.6171 | 302.666667 | 26.82 | 33.6795 | 302.756597 | 26.68 | 33.7302 |
| 302.576736 | 26.87 | 33.6244 | 302.667014 | 26.82 | 33.6795 | 302.756944 | 26.68 | 33.7425 |
| 302.577083 | 26.86 | 33.6144 | 302.667361 | 26.82 | 33.6869 | 302.757292 | 26.68 | 33.7302 |
| 302.577431 | 26.85 | 33.6068 | 302.667708 | 26.82 | 33.6918 | 302.757639 | 26.67 | 33.7275 |
| 302.577778 | 26.85 | 33.6142 | 302.668056 | 26.82 | 33.6722 | 302.757986 | 26.68 | 33.7499 |
| 302.578125 | 26.83 | 33.6479 | 302.668403 | 26.82 | 33.6599 | 302.758333 | 26.67 | 33.7226 |
| 302.578472 | 26.83 | 33.6283 | 302.66875 | 26.83 | 33.6872 | 302.758681 | 26.67 | 33.7423 |
| 302.578819 | 26.79 | 33.6543 | 302.669097 | 26.83 | 33.6749 | 302.759028 | 26.68 | 33.7351 |
| 302.579167 | 26.82 | 33.6599 | 302.669444 | 26.83 | 33.6553 | 302.759375 | 26.68 | 33.7154 |
| 302.579514 | 26.81 | 33.6376 | 302.669792 | 26.83 | 33.6749 | 302.759722 | 26.7 | 33.7135 |
| 302.579861 | 26.83 | 33.6235 | 302.670139 | 26.83 | 33.6675 | 302.760069 | 26.72 | 33.6918 |
| 302.580208 | 26.82 | 33.6257 | 302.670486 | 26.83 | 33.6749 | 302.760417 | 26.76 | 33.6928 |
| 302.580556 | 26.82 | 33.6281 | 302.670833 | 26.83 | 33.6675 | 302.760764 | 26.81 | 33.6695 |
| 302.580903 | 26.85 | 33.6264 | 302.671181 | 26.83 | 33.6602 | 302.761111 | 26.83 | 33.6945 |
| 302.58125 | 26.86 | 33.6413 | 302.671528 | 26.82 | 33.6599 | 302.761458 | 26.85 | 33.6631 |
| 302.581597 | 26.86 | 33.6217 | 302.671875 | 26.82 | 33.6379 | 302.761806 | 26.85 | 33.6852 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.581944 | 26.87 | 33.6244 | 302.672222 | 26.81 | 33.7112 | 302.762153 | 26.9 | 33.6276 |
| 302.582292 | 26.87 | 33.6098 | 302.672569 | 26.81 | 33.6646 | 302.7625 | 26.94 | 33.6164 |
| 302.582639 | 26.86 | 33.6168 | 302.672917 | 26.81 | 33.6965 | 302.762847 | 26.97 | 33.6 |
| 302.582986 | 26.89 | 33.6127 | 302.673264 | 26.79 | 33.6862 | 302.763194 | 26.97 | 33.6147 |
| 302.583333 | 26.86 | 33.6413 | 302.673611 | 26.81 | 33.6916 | 302.763542 | 26.98 | 33.5905 |
| 302.583681 | 26.86 | 33.6217 | 302.673958 | 26.81 | 33.6768 | 302.763889 | 27 | 33.5544 |
| 302.584028 | 26.86 | 33.6413 | 302.674306 | 26.79 | 33.6739 | 302.764236 | 26.98 | 33.5637 |
| 302.584375 | 26.85 | 33.6386 | 302.674653 | 26.79 | 33.6813 | 302.764583 | 26.98 | 33.5905 |
| 302.584722 | 26.85 | 33.6264 | 302.675 | 26.79 | 33.6813 | 302.764931 | 26.97 | 33.5952 |
| 302.585069 | 26.86 | 33.6266 | 302.675347 | 26.79 | 33.6788 | 302.765278 | 26.97 | 33.6098 |
| 302.585417 | 26.86 | 33.6217 | 302.675694 | 26.79 | 33.6739 | 302.765625 | 26.97 | 33.6 |
| 302.585764 | 26.86 | 33.6536 | 302.676042 | 26.79 | 33.6616 | 302.765972 | 26.96 | 33.5925 |
| 302.586111 | 26.89 | 33.6078 | 302.676389 | 26.79 | 33.6862 | 302.766319 | 26.96 | 33.5851 |
| 302.586458 | 26.87 | 33.622 | 302.676736 | 26.79 | 33.6862 | 302.766667 | 26.97 | 33.5878 |
| 302.586806 | 26.87 | 33.6367 | 302.677083 | 26.79 | 33.6714 | 302.767014 | 26.96 | 33.5729 |
| 302.587153 | 26.87 | 33.6342 | 302.677431 | 26.79 | 33.6788 | 302.767361 | 26.97 | 33.5805 |
| 302.5875 | 26.9 | 33.6081 | 302.677778 | 26.79 | 33.7009 | 302.767708 | 26.97 | 33.6 |
| 302.587847 | 26.92 | 33.6134 | 302.678125 | 26.79 | 33.7058 | 302.768056 | 26.98 | 33.5881 |
| 302.588194 | 26.92 | 33.5866 | 302.678472 | 26.81 | 33.6768 | 302.768403 | 26.98 | 33.5954 |
| 302.588542 | 26.92 | 33.5915 | 302.678819 | 26.81 | 33.6965 | 302.76875 | 26.97 | 33.5683 |
| 302.588889 | 26.93 | 33.6137 | 302.679167 | 26.81 | 33.6719 | 302.769097 | 26.98 | 33.6028 |
| 302.589236 | 26.93 | 33.6064 | 302.679514 | 26.81 | 33.6891 | 302.769444 | 26.98 | 33.5832 |
| 302.589583 | 26.94 | 33.5968 | 302.679861 | 26.81 | 33.6842 | 302.769792 | 26.98 | 33.5759 |
| 302.589931 | 26.94 | 33.5627 | 302.680208 | 26.81 | 33.6548 | 302.770139 | 26.98 | 33.6028 |
| 302.590278 | 26.96 | 33.5803 | 302.680556 | 26.81 | 33.6695 | 302.770486 | 26.97 | 33.5683 |
| 302.590625 | 26.96 | 33.5803 | 302.680903 | 26.81 | 33.6891 | 302.770833 | 26.98 | 33.5954 |
| 302.590972 | 26.94 | 33.5968 | 302.68125 | 26.81 | 33.6646 | 302.771181 | 26.98 | 33.5759 |
| 302.591319 | 26.94 | 33.5798 | 302.681597 | 26.79 | 33.6592 | 302.771528 | 26.98 | 33.5954 |
| 302.591667 | 26.94 | 33.6164 | 302.681944 | 26.79 | 33.6935 | 302.771875 | 26.98 | 33.5759 |
| 302.592014 | 26.93 | 33.621 | 302.682292 | 26.79 | 33.6788 | 302.772222 | 26.98 | 33.5881 |
| 302.592361 | 26.93 | 33.5868 | 302.682639 | 26.79 | 33.6665 | 302.772569 | 26.98 | 33.5954 |
| 302.592708 | 26.93 | 33.5917 | 302.682986 | 26.79 | 33.6862 | 302.772917 | 26.98 | 33.5759 |
| 302.593056 | 26.92 | 33.6257 | 302.683333 | 26.78 | 33.7302 | 302.773264 | 26.97 | 33.5878 |
| 302.593403 | 26.92 | 33.5988 | 302.683681 | 26.78 | 33.6859 | 302.773611 | 26.97 | 33.6147 |
| 302.59375 | 26.93 | 33.5868 | 302.684028 | 26.78 | 33.6835 | 302.773958 | 26.98 | 33.5808 |
| 302.594097 | 26.93 | 33.5917 | 302.684375 | 26.78 | 33.6712 | 302.774306 | 26.97 | 33.5878 |
| 302.594444 | 26.93 | 33.6137 | 302.684722 | 26.78 | 33.6859 | 302.774653 | 26.97 | 33.6147 |
| 302.594792 | 26.94 | 33.6017 | 302.685069 | 26.78 | 33.6859 | 302.775 | 26.97 | 33.5878 |
| 302.595139 | 26.93 | 33.5917 | 302.685417 | 26.78 | 33.6908 | 302.775347 | 26.97 | 33.5805 |
| 302.595486 | 26.94 | 33.5871 | 302.685764 | 26.78 | 33.6688 | 302.775694 | 26.97 | 33.5805 |
| 302.595833 | 26.94 | 33.5749 | 302.686111 | 26.78 | 33.6786 | 302.776042 | 26.97 | 33.561 |
| 302.596181 | 26.94 | 33.6213 | 302.686458 | 26.78 | 33.6712 | 302.776389 | 26.96 | 33.5998 |
| 302.596528 | 26.94 | 33.6091 | 302.686806 | 26.78 | 33.6982 | 302.776736 | 26.96 | 33.6047 |
| 302.596875 | 26.93 | 33.599 | 302.687153 | 26.78 | 33.7105 | 302.777083 | 26.96 | 33.5973 |
| 302.597222 | 26.93 | 33.6064 | 302.6875 | 26.78 | 33.6786 | 302.777431 | 26.96 | 33.5778 |
| 302.597569 | 26.92 | 33.6159 | 302.687847 | 26.78 | 33.6908 | 302.777778 | 26.97 | 33.5805 |
| 302.597917 | 26.92 | 33.5841 | 302.688194 | 26.78 | 33.6835 | 302.778125 | 26.97 | 33.5927 |
| 302.598264 | 26.93 | 33.5917 | 302.688542 | 26.78 | 33.7253 | 302.778472 | 26.96 | 33.5729 |
| 302.598611 | 26.94 | 33.6091 | 302.688889 | 26.78 | 33.6908 | 302.778819 | 26.96 | 33.5998 |
| 302.598958 | 26.93 | 33.5868 | 302.689236 | 26.78 | 33.6908 | 302.779167 | 26.96 | 33.5583 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.599306 | 26.94 | 33.5798 | 302.689583 | 26.78 | 33.6908 | 302.779514 | 26.96 | 33.5876 |
| 302.599653 | 26.96 | 33.5851 | 302.689931 | 26.78 | 33.6908 | 302.779861 | 26.96 | 33.612 |
| 302.6 | 26.94 | 33.6017 | 302.690278 | 26.78 | 33.6761 | 302.780208 | 26.96 | 33.5998 |
| 302.600347 | 26.96 | 33.5705 | 302.690625 | 26.78 | 33.6712 | 302.780556 | 26.97 | 33.5805 |
| 302.600694 | 26.94 | 33.5798 | 302.690972 | 26.78 | 33.6908 | 302.780903 | 26.96 | 33.5705 |
| 302.601042 | 26.93 | 33.599 | 302.691319 | 26.78 | 33.6908 | 302.78125 | 26.96 | 33.59 |
| 302.601389 | 26.93 | 33.5917 | 302.691667 | 26.78 | 33.6982 | 302.781597 | 26.96 | 33.5998 |
| 302.601736 | 26.93 | 33.6039 | 302.692014 | 26.78 | 33.6982 | 302.781944 | 26.96 | 33.5851 |
| 302.602083 | 26.93 | 33.6186 | 302.692361 | 26.78 | 33.7031 | 302.782292 | 26.96 | 33.5778 |
| 302.602431 | 26.94 | 33.5968 | 302.692708 | 26.78 | 33.6908 | 302.782639 | 26.96 | 33.6047 |
| 302.602778 | 26.94 | 33.5798 | 302.693056 | 26.79 | 33.6837 | 302.782986 | 26.96 | 33.59 |
| 302.603125 | 26.94 | 33.5944 | 302.693403 | 26.78 | 33.7031 | 302.783333 | 26.96 | 33.5778 |
| 302.603472 | 26.93 | 33.6039 | 302.69375 | 26.78 | 33.6492 | 302.783681 | 26.96 | 33.6047 |
| 302.603819 | 26.93 | 33.599 | 302.694097 | 26.78 | 33.6835 | 302.784028 | 26.96 | 33.5729 |
| 302.604167 | 26.92 | 33.611 | 302.694444 | 26.78 | 33.6712 | 302.784375 | 26.96 | 33.612 |
| 302.604514 | 26.92 | 33.6037 | 302.694792 | 26.78 | 33.6982 | 302.784722 | 26.94 | 33.6017 |
| 302.604861 | 26.9 | 33.6007 | 302.695139 | 26.78 | 33.6908 | 302.785069 | 26.94 | 33.6066 |
| 302.605208 | 26.9 | 33.6325 | 302.695486 | 26.78 | 33.6982 | 302.785417 | 26.94 | 33.5944 |
| 302.605556 | 26.9 | 33.6056 | 302.695833 | 26.78 | 33.6908 | 302.785764 | 26.94 | 33.5676 |
| 302.605903 | 26.9 | 33.6105 | 302.696181 | 26.78 | 33.6835 | 302.786111 | 26.94 | 33.6017 |
| 302.60625 | 26.92 | 33.6037 | 302.696528 | 26.78 | 33.6908 | 302.786458 | 26.93 | 33.599 |
| 302.606597 | 26.9 | 33.6105 | 302.696875 | 26.78 | 33.7056 | 302.786806 | 26.93 | 33.6259 |
| 302.606944 | 26.9 | 33.6105 | 302.697222 | 26.78 | 33.7105 | 302.787153 | 26.94 | 33.5944 |
| 302.607292 | 26.93 | 33.6113 | 302.697569 | 26.76 | 33.7198 | 302.7875 | 26.94 | 33.6017 |
| 302.607639 | 26.92 | 33.5963 | 302.697917 | 26.76 | 33.6953 | 302.787847 | 26.94 | 33.5822 |
| 302.607986 | 26.9 | 33.6056 | 302.698264 | 26.76 | 33.6805 | 302.788194 | 26.96 | 33.5925 |
| 302.608333 | 26.92 | 33.6086 | 302.698611 | 26.78 | 33.6835 | 302.788542 | 26.94 | 33.6017 |
| 302.608681 | 26.92 | 33.6037 | 302.698958 | 26.76 | 33.6928 | 302.788889 | 26.94 | 33.6017 |
| 302.609028 | 26.92 | 33.5963 | 302.699306 | 26.76 | 33.6854 | 302.789236 | 26.94 | 33.6091 |
| 302.609375 | 26.92 | 33.6355 | 302.699653 | 26.76 | 33.7002 | 302.789583 | 26.96 | 33.5925 |
| 302.609722 | 26.92 | 33.6012 | 302.7 | 26.76 | 33.6928 | 302.789931 | 26.96 | 33.6047 |
| 302.610069 | 26.92 | 33.6159 | 302.700347 | 26.76 | 33.6879 | 302.790278 | 26.96 | 33.5778 |
| 302.610417 | 26.92 | 33.6232 | 302.700694 | 26.76 | 33.6732 | 302.790625 | 26.94 | 33.6286 |
| 302.610764 | 26.92 | 33.6086 | 302.701042 | 26.76 | 33.6879 | 302.790972 | 26.93 | 33.5844 |
| 302.611111 | 26.92 | 33.6012 | 302.701389 | 26.76 | 33.6854 | 302.791319 | 26.93 | 33.6039 |
| 302.611458 | 26.9 | 33.6325 | 302.701736 | 26.76 | 33.6805 | 302.791667 | 26.93 | 33.6113 |
| 302.611806 | 26.9 | 33.6325 | 302.702083 | 26.76 | 33.6928 | 302.792014 | 26.93 | 33.6333 |
| 302.612153 | 26.9 | 33.5983 | 302.702431 | 26.76 | 33.7002 | 302.792361 | 26.93 | 33.599 |
| 302.6125 | 26.9 | 33.6178 | 302.702778 | 26.76 | 33.7002 | 302.792708 | 26.93 | 33.6064 |
| 302.612847 | 26.9 | 33.6178 | 302.703125 | 26.76 | 33.6805 | 302.793056 | 26.92 | 33.6257 |
| 302.613194 | 26.9 | 33.6374 | 302.703472 | 26.76 | 33.6879 | 302.793403 | 26.93 | 33.6333 |
| 302.613542 | 26.92 | 33.6012 | 302.703819 | 26.76 | 33.6781 | 302.79375 | 26.92 | 33.5988 |
| 302.613889 | 26.92 | 33.6086 | 302.704167 | 26.76 | 33.6953 | 302.794097 | 26.92 | 33.6037 |
| 302.614236 | 26.9 | 33.5836 | 302.704514 | 26.76 | 33.6805 | 302.794444 | 26.92 | 33.611 |
| 302.614583 | 26.92 | 33.6281 | 302.704861 | 26.75 | 33.6901 | 302.794792 | 26.92 | 33.5915 |
| 302.614931 | 26.9 | 33.6325 | 302.705208 | 26.76 | 33.7075 | 302.795139 | 26.92 | 33.6257 |
| 302.615278 | 26.92 | 33.6232 | 302.705556 | 26.75 | 33.7196 | 302.795486 | 26.93 | 33.5795 |
| 302.615625 | 26.9 | 33.6252 | 302.705903 | 26.75 | 33.6975 | 302.795833 | 26.92 | 33.6232 |
| 302.615972 | 26.92 | 33.6037 | 302.70625 | 26.75 | 33.6926 | 302.796181 | 26.92 | 33.5963 |
| 302.616319 | 26.92 | 33.6159 | 302.706597 | 26.75 | 33.7122 | 302.796528 | 26.92 | 33.611 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.616667 | 26.92 | 33.6134 | 302.706944 | 26.75 | 33.6778 | 302.796875 | 26.92 | 33.611 |
| 302.617014 | 26.92 | 33.589 | 302.707292 | 26.75 | 33.6778 | 302.797222 | 26.92 | 33.6037 |
| 302.617361 | 26.93 | 33.5917 | 302.707639 | 26.75 | 33.7171 | 302.797569 | 26.92 | 33.6232 |
| 302.617708 | 26.93 | 33.5893 | 302.707986 | 26.75 | 33.6975 | 302.797917 | 26.92 | 33.6232 |
| 302.618056 | 26.92 | 33.6037 | 302.708333 | 26.75 | 33.6926 | 302.798264 | 26.9 | 33.6129 |
| 302.618403 | 26.93 | 33.5893 | 302.708681 | 26.75 | 33.6926 | 302.798611 | 26.9 | 33.6007 |
| 302.61875 | 26.92 | 33.6281 | 302.709028 | 26.75 | 33.6827 | 302.798958 | 26.9 | 33.6007 |
| 302.619097 | 26.9 | 33.591 | 302.709375 | 26.75 | 33.6852 | 302.799306 | 26.92 | 33.633 |
| 302.619444 | 26.9 | 33.6227 | 302.709722 | 26.75 | 33.6999 | 302.799653 | 26.9 | 33.6178 |
| 302.619792 | 26.9 | 33.6252 | 302.710069 | 26.75 | 33.6778 | 302.8 | 26.9 | 33.6203 |
| 302.620139 | 26.9 | 33.6252 | | | | | | |

DPS4-2

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.998958 | 26.12 | 33.7704 | 303.088194 | 26.83 | 33.7142 | 303.177431 | 26.59 | 33.7896 |
| 302.999306 | 26.02 | 33.7786 | 303.088542 | 26.83 | 33.6945 | 303.177778 | 26.59 | 33.7872 |
| 302.999653 | 26.08 | 33.7502 | 303.088889 | 26.83 | 33.7118 | 303.178125 | 26.6 | 33.7849 |
| 303 | 26.11 | 33.7654 | 303.089236 | 26.83 | 33.7142 | 303.178472 | 26.59 | 33.8094 |
| 303.000347 | 26.05 | 33.7864 | 303.089583 | 26.83 | 33.7068 | 303.178819 | 26.59 | 33.8168 |
| 303.000694 | 26.16 | 33.7247 | 303.089931 | 26.83 | 33.7142 | 303.179167 | 26.6 | 33.7998 |
| 303.001042 | 26.26 | 33.7093 | 303.090278 | 26.83 | 33.7142 | 303.179514 | 26.6 | 33.7825 |
| 303.001389 | 26.31 | 33.7029 | 303.090625 | 26.83 | 33.7265 | 303.179861 | 26.6 | 33.7775 |
| 303.001736 | 26.35 | 33.6768 | 303.090972 | 26.83 | 33.7142 | 303.180208 | 26.6 | 33.7628 |
| 303.002083 | 26.39 | 33.6848 | 303.091319 | 26.83 | 33.7339 | 303.180556 | 26.6 | 33.7973 |
| 303.002431 | 26.37 | 33.6918 | 303.091667 | 26.83 | 33.7068 | 303.180903 | 26.6 | 33.8121 |
| 303.002778 | 26.34 | 33.6717 | 303.092014 | 26.83 | 33.7339 | 303.18125 | 26.6 | 33.7849 |
| 303.003125 | 26.35 | 33.6792 | 303.092361 | 26.83 | 33.7019 | 303.181597 | 26.6 | 33.7849 |
| 303.003472 | 26.39 | 33.6799 | 303.092708 | 26.83 | 33.7068 | 303.181944 | 26.6 | 33.7578 |
| 303.003819 | 26.46 | 33.6472 | 303.093056 | 26.83 | 33.6945 | 303.182292 | 26.61 | 33.7876 |
| 303.004167 | 26.57 | 33.625 | 303.093403 | 26.82 | 33.7115 | 303.182639 | 26.6 | 33.8047 |
| 303.004514 | 26.59 | 33.6425 | 303.09375 | 26.82 | 33.6992 | 303.182986 | 26.6 | 33.8047 |
| 303.004861 | 26.64 | 33.6167 | 303.094097 | 26.82 | 33.7066 | 303.183333 | 26.6 | 33.7726 |
| 303.005208 | 26.67 | 33.6027 | 303.094444 | 26.82 | 33.7066 | 303.183681 | 26.6 | 33.7973 |
| 303.005556 | 26.75 | 33.5777 | 303.094792 | 26.82 | 33.7066 | 303.184028 | 26.61 | 33.7802 |
| 303.005903 | 26.81 | 33.5766 | 303.095139 | 26.82 | 33.6992 | 303.184375 | 26.6 | 33.8195 |
| 303.00625 | 26.82 | 33.5696 | 303.095486 | 26.81 | 33.7211 | 303.184722 | 26.6 | 33.7849 |
| 303.006597 | 26.86 | 33.5583 | 303.095833 | 26.81 | 33.7014 | 303.185069 | 26.61 | 33.7852 |
| 303.006944 | 26.85 | 33.5484 | 303.096181 | 26.82 | 33.7189 | 303.185417 | 26.61 | 33.7802 |
| 303.007292 | 26.81 | 33.5742 | 303.096528 | 26.82 | 33.7066 | 303.185764 | 26.61 | 33.7926 |
| 303.007639 | 26.72 | 33.5965 | 303.096875 | 26.82 | 33.7115 | 303.186111 | 26.61 | 33.7679 |
| 303.007986 | 26.81 | 33.5791 | 303.097222 | 26.81 | 33.7236 | 303.186458 | 26.61 | 33.7728 |
| 303.008333 | 26.81 | 33.5669 | 303.097569 | 26.82 | 33.7312 | 303.186806 | 26.61 | 33.7876 |
| 303.008681 | 26.78 | 33.5857 | 303.097917 | 26.81 | 33.7162 | 303.187153 | 26.61 | 33.7802 |
| 303.009028 | 26.81 | 33.5839 | 303.098264 | 26.81 | 33.7433 | 303.1875 | 26.61 | 33.7802 |
| 303.009375 | 26.83 | 33.5747 | 303.098611 | 26.81 | 33.7162 | 303.187847 | 26.61 | 33.7728 |
| 303.009722 | 26.87 | 33.5829 | 303.098958 | 26.81 | 33.7186 | 303.188194 | 26.61 | 33.7802 |
| 303.010069 | 26.92 | 33.5525 | 303.099306 | 26.79 | 33.76 | 303.188542 | 26.61 | 33.7655 |
| 303.010417 | 26.92 | 33.5671 | 303.099653 | 26.79 | 33.7206 | 303.188889 | 26.61 | 33.7802 |
| 303.010764 | 26.93 | 33.5211 | 303.1 | 26.79 | 33.7206 | 303.189236 | 26.6 | 33.7973 |
| 303.011111 | 26.86 | 33.5462 | 303.100347 | 26.79 | 33.7206 | 303.189583 | 26.61 | 33.7926 |
| 303.011458 | 26.74 | 33.597 | 303.100694 | 26.79 | 33.7329 | 303.189931 | 26.6 | 33.7973 |
| 303.011806 | 26.82 | 33.5915 | 303.101042 | 26.79 | 33.728 | 303.190278 | 26.6 | 33.7973 |
| 303.012153 | 26.89 | 33.5323 | 303.101389 | 26.79 | 33.7477 | 303.190625 | 26.6 | 33.7973 |
| 303.0125 | 26.9 | 33.5617 | 303.101736 | 26.79 | 33.7206 | 303.190972 | 26.6 | 33.8047 |
| 303.012847 | 26.86 | 33.5608 | 303.102083 | 26.79 | 33.7329 | 303.191319 | 26.6 | 33.7923 |
| 303.013194 | 26.7 | 33.6278 | 303.102431 | 26.79 | 33.7403 | 303.191667 | 26.6 | 33.7973 |
| 303.013542 | 26.74 | 33.6482 | 303.102778 | 26.81 | 33.7162 | 303.192014 | 26.6 | 33.7973 |
| 303.013889 | 26.76 | 33.6511 | 303.103125 | 26.81 | 33.7162 | 303.192361 | 26.6 | 33.7973 |
| 303.014236 | 26.83 | 33.599 | 303.103472 | 26.81 | 33.7162 | 303.192708 | 26.6 | 33.7923 |
| 303.014583 | 26.98 | 33.5539 | 303.103819 | 26.81 | 33.7088 | 303.193056 | 26.6 | 33.7726 |
| 303.014931 | 26.75 | 33.6118 | 303.104167 | 26.81 | 33.7112 | 303.193403 | 26.6 | 33.7899 |
| 303.015278 | 26.74 | 33.6678 | 303.104514 | 26.81 | 33.7112 | 303.19375 | 26.6 | 33.7923 |
| 303.015625 | 26.75 | 33.6631 | 303.104861 | 26.81 | 33.7112 | 303.194097 | 26.6 | 33.78 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.015972 | 26.76 | 33.6634 | 303.105208 | 26.81 | 33.731 | 303.194444 | 26.6 | 33.7923 |
| 303.016319 | 26.75 | 33.6558 | 303.105556 | 26.81 | 33.7433 | 303.194792 | 26.6 | 33.7899 |
| 303.016667 | 26.75 | 33.6411 | 303.105903 | 26.81 | 33.731 | 303.195139 | 26.6 | 33.7923 |
| 303.017014 | 26.78 | 33.6614 | 303.10625 | 26.81 | 33.7162 | 303.195486 | 26.6 | 33.8047 |
| 303.017361 | 26.82 | 33.6159 | 303.106597 | 26.82 | 33.7189 | 303.195833 | 26.6 | 33.8047 |
| 303.017708 | 26.83 | 33.6308 | 303.106944 | 26.82 | 33.7189 | 303.196181 | 26.6 | 33.7899 |
| 303.018056 | 26.83 | 33.67 | 303.107292 | 26.82 | 33.7263 | 303.196528 | 26.6 | 33.7899 |
| 303.018403 | 26.83 | 33.6626 | 303.107639 | 26.82 | 33.7263 | 303.196875 | 26.6 | 33.7973 |
| 303.01875 | 26.83 | 33.6626 | 303.107986 | 26.82 | 33.7411 | 303.197222 | 26.6 | 33.8047 |
| 303.019097 | 26.85 | 33.6607 | 303.108333 | 26.82 | 33.7435 | 303.197569 | 26.6 | 33.7998 |
| 303.019444 | 26.85 | 33.6803 | 303.108681 | 26.82 | 33.7066 | 303.197917 | 26.6 | 33.7775 |
| 303.019792 | 26.86 | 33.6634 | 303.109028 | 26.82 | 33.7312 | 303.198264 | 26.6 | 33.7998 |
| 303.020139 | 26.86 | 33.6756 | 303.109375 | 26.82 | 33.7386 | 303.198611 | 26.6 | 33.7899 |
| 303.020486 | 26.87 | 33.6587 | 303.109722 | 26.82 | 33.7115 | 303.198958 | 26.6 | 33.7849 |
| 303.020833 | 26.86 | 33.6487 | 303.110069 | 26.82 | 33.7584 | 303.199306 | 26.6 | 33.7849 |
| 303.021181 | 26.86 | 33.6683 | 303.110417 | 26.82 | 33.7312 | 303.199653 | 26.6 | 33.7849 |
| 303.021528 | 26.86 | 33.6487 | 303.110764 | 26.82 | 33.7312 | 303.2 | 26.6 | 33.7775 |
| 303.021875 | 26.86 | 33.6732 | 303.111111 | 26.82 | 33.7263 | 303.200347 | 26.6 | 33.7775 |
| 303.022222 | 26.85 | 33.6582 | 303.111458 | 26.82 | 33.7189 | 303.200694 | 26.6 | 33.7973 |
| 303.022569 | 26.85 | 33.6729 | 303.111806 | 26.82 | 33.7263 | 303.201042 | 26.6 | 33.7849 |
| 303.022917 | 26.85 | 33.6729 | 303.112153 | 26.82 | 33.7263 | 303.201389 | 26.6 | 33.7998 |
| 303.023264 | 26.85 | 33.6656 | 303.1125 | 26.82 | 33.7115 | 303.201736 | 26.6 | 33.8047 |
| 303.023611 | 26.85 | 33.6852 | 303.112847 | 26.81 | 33.7088 | 303.202083 | 26.6 | 33.7849 |
| 303.023958 | 26.85 | 33.6778 | 303.113194 | 26.82 | 33.7115 | 303.202431 | 26.6 | 33.8195 |
| 303.024306 | 26.85 | 33.6926 | 303.113542 | 26.81 | 33.7236 | 303.202778 | 26.6 | 33.7923 |
| 303.024653 | 26.85 | 33.7049 | 303.113889 | 26.82 | 33.746 | 303.203125 | 26.6 | 33.7701 |
| 303.025 | 26.85 | 33.7172 | 303.114236 | 26.81 | 33.731 | 303.203472 | 26.6 | 33.7923 |
| 303.025347 | 26.85 | 33.6778 | 303.114583 | 26.82 | 33.7041 | 303.203819 | 26.6 | 33.7973 |
| 303.025694 | 26.83 | 33.7167 | 303.114931 | 26.81 | 33.7383 | 303.204167 | 26.6 | 33.8047 |
| 303.026042 | 26.83 | 33.6749 | 303.115278 | 26.81 | 33.7088 | 303.204514 | 26.6 | 33.8245 |
| 303.026389 | 26.83 | 33.7093 | 303.115625 | 26.81 | 33.7359 | 303.204861 | 26.6 | 33.7899 |
| 303.026736 | 26.85 | 33.6926 | 303.115972 | 26.81 | 33.731 | 303.205208 | 26.6 | 33.7923 |
| 303.027083 | 26.85 | 33.6926 | 303.116319 | 26.81 | 33.7162 | 303.205556 | 26.6 | 33.8096 |
| 303.027431 | 26.85 | 33.6778 | 303.116667 | 26.81 | 33.7285 | 303.205903 | 26.6 | 33.7973 |
| 303.027778 | 26.85 | 33.7 | 303.117014 | 26.81 | 33.7236 | 303.20625 | 26.6 | 33.8245 |
| 303.028125 | 26.83 | 33.6823 | 303.117361 | 26.81 | 33.7112 | 303.206597 | 26.6 | 33.7973 |
| 303.028472 | 26.83 | 33.6823 | 303.117708 | 26.81 | 33.7285 | 303.206944 | 26.6 | 33.7825 |
| 303.028819 | 26.83 | 33.6823 | 303.118056 | 26.81 | 33.7433 | 303.207292 | 26.6 | 33.8171 |
| 303.029167 | 26.83 | 33.6945 | 303.118403 | 26.81 | 33.7211 | 303.207639 | 26.6 | 33.7899 |
| 303.029514 | 26.83 | 33.7093 | 303.11875 | 26.81 | 33.7383 | 303.207986 | 26.6 | 33.7923 |
| 303.029861 | 26.83 | 33.7019 | 303.119097 | 26.81 | 33.7039 | 303.208333 | 26.6 | 33.7899 |
| 303.030208 | 26.83 | 33.6896 | 303.119444 | 26.81 | 33.7162 | 303.208681 | 26.59 | 33.802 |
| 303.030556 | 26.83 | 33.6945 | 303.119792 | 26.81 | 33.7433 | 303.209028 | 26.6 | 33.7775 |
| 303.030903 | 26.83 | 33.7019 | 303.120139 | 26.81 | 33.731 | 303.209375 | 26.6 | 33.7973 |
| 303.03125 | 26.83 | 33.7142 | 303.120486 | 26.81 | 33.763 | 303.209722 | 26.6 | 33.7775 |
| 303.031597 | 26.83 | 33.6896 | 303.120833 | 26.79 | 33.7255 | 303.210069 | 26.6 | 33.7973 |
| 303.031944 | 26.83 | 33.7019 | 303.121181 | 26.79 | 33.7206 | 303.210417 | 26.6 | 33.7899 |
| 303.032292 | 26.83 | 33.6749 | 303.121528 | 26.79 | 33.7181 | 303.210764 | 26.6 | 33.7973 |
| 303.032639 | 26.86 | 33.6806 | 303.121875 | 26.79 | 33.7181 | 303.211111 | 26.6 | 33.7849 |
| 303.032986 | 26.87 | 33.6685 | 303.122222 | 26.79 | 33.7206 | 303.211458 | 26.59 | 33.7896 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.033333 | 26.85 | 33.6656 | 303.122569 | 26.79 | 33.7206 | 303.211806 | 26.6 | 33.7973 |
| 303.033681 | 26.85 | 33.6852 | 303.122917 | 26.78 | 33.7376 | 303.212153 | 26.6 | 33.7923 |
| 303.034028 | 26.85 | 33.7 | 303.123264 | 26.78 | 33.7376 | 303.2125 | 26.59 | 33.7946 |
| 303.034375 | 26.85 | 33.6926 | 303.123611 | 26.78 | 33.7302 | 303.212847 | 26.59 | 33.8242 |
| 303.034722 | 26.83 | 33.6896 | 303.123958 | 26.78 | 33.7302 | 303.213194 | 26.59 | 33.7896 |
| 303.035069 | 26.83 | 33.7019 | 303.124306 | 26.76 | 33.7469 | 303.213542 | 26.59 | 33.8094 |
| 303.035417 | 26.83 | 33.7019 | 303.124653 | 26.74 | 33.7514 | 303.213889 | 26.59 | 33.8366 |
| 303.035764 | 26.83 | 33.7019 | 303.125 | 26.71 | 33.758 | 303.214236 | 26.59 | 33.7822 |
| 303.036111 | 26.83 | 33.7019 | 303.125347 | 26.71 | 33.7457 | 303.214583 | 26.59 | 33.7773 |
| 303.036458 | 26.83 | 33.7216 | 303.125694 | 26.71 | 33.758 | 303.214931 | 26.59 | 33.7896 |
| 303.036806 | 26.83 | 33.6921 | 303.126042 | 26.68 | 33.7523 | 303.215278 | 26.59 | 33.7822 |
| 303.037153 | 26.83 | 33.6945 | 303.126389 | 26.66 | 33.7346 | 303.215625 | 26.59 | 33.8292 |
| 303.0375 | 26.83 | 33.7093 | 303.126736 | 26.64 | 33.7834 | 303.215972 | 26.59 | 33.802 |
| 303.037847 | 26.83 | 33.6945 | 303.127083 | 26.66 | 33.7223 | 303.216319 | 26.59 | 33.7946 |
| 303.038194 | 26.83 | 33.6872 | 303.127431 | 26.66 | 33.7765 | 303.216667 | 26.59 | 33.7896 |
| 303.038542 | 26.78 | 33.7056 | 303.127778 | 26.63 | 33.7585 | 303.217014 | 26.59 | 33.8168 |
| 303.038889 | 26.82 | 33.7115 | 303.128125 | 26.64 | 33.7514 | 303.217361 | 26.59 | 33.802 |
| 303.039236 | 26.82 | 33.714 | 303.128472 | 26.64 | 33.7785 | 303.217708 | 26.59 | 33.7946 |
| 303.039583 | 26.83 | 33.7093 | 303.128819 | 26.64 | 33.7514 | 303.218056 | 26.59 | 33.8045 |
| 303.039931 | 26.85 | 33.7172 | 303.129167 | 26.6 | 33.7529 | 303.218403 | 26.59 | 33.797 |
| 303.040278 | 26.85 | 33.7123 | 303.129514 | 26.6 | 33.7652 | 303.21875 | 26.59 | 33.802 |
| 303.040625 | 26.85 | 33.7074 | 303.129861 | 26.6 | 33.7504 | 303.219097 | 26.59 | 33.7946 |
| 303.040972 | 26.85 | 33.7197 | 303.130208 | 26.57 | 33.7719 | 303.219444 | 26.59 | 33.797 |
| 303.041319 | 26.85 | 33.6926 | 303.130556 | 26.55 | 33.7887 | 303.219792 | 26.59 | 33.8119 |
| 303.041667 | 26.85 | 33.6803 | 303.130903 | 26.56 | 33.7914 | 303.220139 | 26.59 | 33.8143 |
| 303.042014 | 26.85 | 33.7049 | 303.13125 | 26.53 | 33.7858 | 303.220486 | 26.59 | 33.802 |
| 303.042361 | 26.85 | 33.6975 | 303.131597 | 26.52 | 33.7806 | 303.220833 | 26.59 | 33.8094 |
| 303.042708 | 26.85 | 33.6926 | 303.131944 | 26.5 | 33.8122 | 303.221181 | 26.59 | 33.8094 |
| 303.043056 | 26.85 | 33.7049 | 303.132292 | 26.5 | 33.7777 | 303.221528 | 26.59 | 33.8168 |
| 303.043403 | 26.85 | 33.7123 | 303.132639 | 26.48 | 33.8019 | 303.221875 | 26.59 | 33.797 |
| 303.04375 | 26.85 | 33.6975 | 303.132986 | 26.46 | 33.799 | 303.222222 | 26.59 | 33.802 |
| 303.044097 | 26.85 | 33.6852 | 303.133333 | 26.44 | 33.801 | 303.222569 | 26.59 | 33.7822 |
| 303.044444 | 26.85 | 33.6926 | 303.133681 | 26.42 | 33.7957 | 303.222917 | 26.59 | 33.802 |
| 303.044792 | 26.85 | 33.6852 | 303.134028 | 26.42 | 33.7858 | 303.223264 | 26.59 | 33.8094 |
| 303.045139 | 26.83 | 33.6872 | 303.134375 | 26.41 | 33.8103 | 303.223611 | 26.59 | 33.8094 |
| 303.045486 | 26.83 | 33.6945 | 303.134722 | 26.41 | 33.7955 | 303.223958 | 26.59 | 33.8143 |
| 303.045833 | 26.83 | 33.7093 | 303.135069 | 26.41 | 33.7955 | 303.224306 | 26.59 | 33.7946 |
| 303.046181 | 26.83 | 33.7068 | 303.135417 | 26.41 | 33.8152 | 303.224653 | 26.59 | 33.8292 |
| 303.046528 | 26.83 | 33.7068 | 303.135764 | 26.41 | 33.7955 | 303.225 | 26.59 | 33.8218 |
| 303.046875 | 26.83 | 33.6823 | 303.136111 | 26.41 | 33.8029 | 303.225347 | 26.59 | 33.8094 |
| 303.047222 | 26.83 | 33.7142 | 303.136458 | 26.41 | 33.8103 | 303.225694 | 26.59 | 33.8242 |
| 303.047569 | 26.83 | 33.7142 | 303.136806 | 26.41 | 33.8103 | 303.226042 | 26.59 | 33.8094 |
| 303.047917 | 26.83 | 33.6823 | 303.137153 | 26.42 | 33.8376 | 303.226389 | 26.59 | 33.8242 |
| 303.048264 | 26.83 | 33.7019 | 303.1375 | 26.41 | 33.83 | 303.226736 | 26.59 | 33.802 |
| 303.048611 | 26.83 | 33.6823 | 303.137847 | 26.42 | 33.8055 | 303.227083 | 26.59 | 33.802 |
| 303.048958 | 26.85 | 33.6803 | 303.138194 | 26.42 | 33.8055 | 303.227431 | 26.59 | 33.8168 |
| 303.049306 | 26.83 | 33.6872 | 303.138542 | 26.42 | 33.7858 | 303.227778 | 26.59 | 33.8292 |
| 303.049653 | 26.83 | 33.7093 | 303.138889 | 26.42 | 33.8179 | 303.228125 | 26.59 | 33.8094 |
| 303.05 | 26.83 | 33.7265 | 303.139236 | 26.42 | 33.8006 | 303.228472 | 26.59 | 33.8218 |
| 303.050347 | 26.85 | 33.6926 | 303.139583 | 26.44 | 33.8158 | 303.228819 | 26.59 | 33.8218 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.050694 | 26.85 | 33.6926 | 303.139931 | 26.44 | 33.8084 | 303.229167 | 26.59 | 33.802 |
| 303.051042 | 26.85 | 33.6975 | 303.140278 | 26.44 | 33.8158 | 303.229514 | 26.59 | 33.802 |
| 303.051389 | 26.85 | 33.7197 | 303.140625 | 26.44 | 33.801 | 303.229861 | 26.59 | 33.8292 |
| 303.051736 | 26.86 | 33.7002 | 303.140972 | 26.42 | 33.7858 | 303.230208 | 26.59 | 33.8218 |
| 303.052083 | 26.86 | 33.715 | 303.141319 | 26.42 | 33.8129 | 303.230556 | 26.59 | 33.8143 |
| 303.052431 | 26.86 | 33.6806 | 303.141667 | 26.42 | 33.7981 | 303.230903 | 26.6 | 33.8245 |
| 303.052778 | 26.86 | 33.7199 | 303.142014 | 26.42 | 33.8179 | 303.23125 | 26.6 | 33.8319 |
| 303.053125 | 26.86 | 33.6806 | 303.142361 | 26.44 | 33.7887 | 303.231597 | 26.6 | 33.8319 |
| 303.053472 | 26.85 | 33.6778 | 303.142708 | 26.44 | 33.8084 | 303.231944 | 26.6 | 33.8245 |
| 303.053819 | 26.85 | 33.6975 | 303.143056 | 26.44 | 33.7838 | 303.232292 | 26.6 | 33.8121 |
| 303.054167 | 26.85 | 33.6975 | 303.143403 | 26.44 | 33.8035 | 303.232639 | 26.6 | 33.8047 |
| 303.054514 | 26.86 | 33.6806 | 303.14375 | 26.45 | 33.7791 | 303.232986 | 26.61 | 33.7876 |
| 303.054861 | 26.85 | 33.7049 | 303.144097 | 26.46 | 33.7867 | 303.233333 | 26.61 | 33.7728 |
| 303.055208 | 26.85 | 33.6852 | 303.144444 | 26.45 | 33.8111 | 303.233681 | 26.61 | 33.7876 |
| 303.055556 | 26.85 | 33.6852 | 303.144792 | 26.46 | 33.7793 | 303.234028 | 26.63 | 33.7511 |
| 303.055903 | 26.85 | 33.7 | 303.145139 | 26.46 | 33.7867 | 303.234375 | 26.64 | 33.7538 |
| 303.05625 | 26.85 | 33.6926 | 303.145486 | 26.48 | 33.797 | 303.234722 | 26.64 | 33.7342 |
| 303.056597 | 26.85 | 33.6852 | 303.145833 | 26.48 | 33.8093 | 303.235069 | 26.66 | 33.7568 |
| 303.056944 | 26.85 | 33.6778 | 303.146181 | 26.46 | 33.7719 | 303.235417 | 26.66 | 33.7371 |
| 303.057292 | 26.85 | 33.6803 | 303.146528 | 26.48 | 33.7847 | 303.235764 | 26.66 | 33.7174 |
| 303.057639 | 26.85 | 33.6729 | 303.146875 | 26.46 | 33.8212 | 303.236111 | 26.66 | 33.7642 |
| 303.057986 | 26.85 | 33.6926 | 303.147222 | 26.48 | 33.8093 | 303.236458 | 26.67 | 33.725 |
| 303.058333 | 26.85 | 33.6975 | 303.147569 | 26.48 | 33.7945 | 303.236806 | 26.67 | 33.7521 |
| 303.058681 | 26.85 | 33.7246 | 303.147917 | 26.48 | 33.8093 | 303.237153 | 26.66 | 33.7297 |
| 303.059028 | 26.85 | 33.7172 | 303.148264 | 26.48 | 33.8093 | 303.2375 | 26.66 | 33.7248 |
| 303.059375 | 26.85 | 33.6926 | 303.148611 | 26.48 | 33.797 | 303.237847 | 26.66 | 33.7371 |
| 303.059722 | 26.85 | 33.6975 | 303.148958 | 26.48 | 33.7847 | 303.238194 | 26.66 | 33.7322 |
| 303.060069 | 26.85 | 33.7246 | 303.149306 | 26.48 | 33.797 | 303.238542 | 26.66 | 33.7371 |
| 303.060417 | 26.85 | 33.7123 | 303.149653 | 26.48 | 33.7699 | 303.238889 | 26.66 | 33.7445 |
| 303.060764 | 26.85 | 33.6852 | 303.15 | 26.49 | 33.7849 | 303.239236 | 26.64 | 33.7612 |
| 303.061111 | 26.85 | 33.6778 | 303.150347 | 26.48 | 33.7896 | 303.239583 | 26.64 | 33.7538 |
| 303.061458 | 26.85 | 33.6975 | 303.150694 | 26.49 | 33.7923 | 303.239931 | 26.66 | 33.7445 |
| 303.061806 | 26.85 | 33.7049 | 303.151042 | 26.49 | 33.7923 | 303.240278 | 26.66 | 33.7519 |
| 303.062153 | 26.85 | 33.7049 | 303.151389 | 26.49 | 33.812 | 303.240625 | 26.66 | 33.7174 |
| 303.0625 | 26.85 | 33.6926 | 303.151736 | 26.49 | 33.8046 | 303.240972 | 26.64 | 33.7538 |
| 303.062847 | 26.85 | 33.7098 | 303.152083 | 26.5 | 33.7802 | 303.241319 | 26.64 | 33.7465 |
| 303.063194 | 26.85 | 33.6729 | 303.152431 | 26.5 | 33.7802 | 303.241667 | 26.64 | 33.7415 |
| 303.063542 | 26.85 | 33.6975 | 303.152778 | 26.5 | 33.7851 | 303.242014 | 26.64 | 33.7415 |
| 303.063889 | 26.85 | 33.6975 | 303.153125 | 26.52 | 33.7708 | 303.242361 | 26.64 | 33.7686 |
| 303.064236 | 26.85 | 33.6975 | 303.153472 | 26.52 | 33.8028 | 303.242708 | 26.63 | 33.7511 |
| 303.064583 | 26.85 | 33.7049 | 303.153819 | 26.52 | 33.8102 | 303.243056 | 26.64 | 33.7342 |
| 303.064931 | 26.85 | 33.6778 | 303.154167 | 26.52 | 33.7634 | 303.243403 | 26.64 | 33.7465 |
| 303.065278 | 26.85 | 33.6926 | 303.154514 | 26.52 | 33.8152 | 303.24375 | 26.64 | 33.7538 |
| 303.065625 | 26.85 | 33.6926 | 303.154861 | 26.53 | 33.8105 | 303.244097 | 26.64 | 33.7415 |
| 303.065972 | 26.85 | 33.6975 | 303.155208 | 26.53 | 33.7932 | 303.244444 | 26.63 | 33.7585 |
| 303.066319 | 26.85 | 33.732 | 303.155556 | 26.53 | 33.7784 | 303.244792 | 26.63 | 33.7585 |
| 303.066667 | 26.85 | 33.6778 | 303.155903 | 26.52 | 33.7856 | 303.245139 | 26.63 | 33.7388 |
| 303.067014 | 26.85 | 33.7049 | 303.15625 | 26.52 | 33.7905 | 303.245486 | 26.64 | 33.7538 |
| 303.067361 | 26.85 | 33.6926 | 303.156597 | 26.53 | 33.7858 | 303.245833 | 26.64 | 33.7612 |
| 303.067708 | 26.83 | 33.7019 | 303.156944 | 26.53 | 33.7809 | 303.246181 | 26.63 | 33.7585 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.068056 | 26.85 | 33.6852 | 303.157292 | 26.55 | 33.7764 | 303.246528 | 26.63 | 33.7511 |
| 303.068403 | 26.85 | 33.6975 | 303.157639 | 26.55 | 33.769 | 303.246875 | 26.64 | 33.7415 |
| 303.06875 | 26.85 | 33.6901 | 303.157986 | 26.56 | 33.7963 | 303.247222 | 26.64 | 33.7686 |
| 303.069097 | 26.85 | 33.6926 | 303.158333 | 26.56 | 33.8112 | 303.247569 | 26.64 | 33.7391 |
| 303.069444 | 26.85 | 33.7 | 303.158681 | 26.56 | 33.7914 | 303.247917 | 26.64 | 33.7415 |
| 303.069792 | 26.85 | 33.7049 | 303.159028 | 26.57 | 33.7522 | 303.248264 | 26.64 | 33.7538 |
| 303.070139 | 26.85 | 33.7123 | 303.159375 | 26.57 | 33.7793 | 303.248611 | 26.63 | 33.7659 |
| 303.070486 | 26.85 | 33.6926 | 303.159722 | 26.57 | 33.8064 | 303.248958 | 26.63 | 33.7315 |
| 303.070833 | 26.85 | 33.6852 | 303.160069 | 26.57 | 33.7793 | 303.249306 | 26.63 | 33.7462 |
| 303.071181 | 26.85 | 33.6926 | 303.160417 | 26.57 | 33.799 | 303.249653 | 26.63 | 33.7462 |
| 303.071528 | 26.85 | 33.7 | 303.160764 | 26.57 | 33.799 | 303.25 | 26.63 | 33.7511 |
| 303.071875 | 26.85 | 33.6901 | 303.161111 | 26.57 | 33.7867 | 303.250347 | 26.64 | 33.7465 |
| 303.072222 | 26.85 | 33.6778 | 303.161458 | 26.57 | 33.7867 | 303.250694 | 26.64 | 33.7662 |
| 303.072569 | 26.85 | 33.7246 | 303.161806 | 26.56 | 33.7717 | 303.251042 | 26.64 | 33.7465 |
| 303.072917 | 26.85 | 33.6852 | 303.162153 | 26.56 | 33.7963 | 303.251389 | 26.64 | 33.7612 |
| 303.073264 | 26.85 | 33.7197 | 303.1625 | 26.55 | 33.7838 | 303.251736 | 26.64 | 33.7415 |
| 303.073611 | 26.85 | 33.6975 | 303.162847 | 26.56 | 33.784 | 303.252083 | 26.64 | 33.7612 |
| 303.073958 | 26.85 | 33.7246 | 303.163194 | 26.56 | 33.784 | 303.252431 | 26.63 | 33.7536 |
| 303.074306 | 26.85 | 33.7246 | 303.163542 | 26.56 | 33.784 | 303.252778 | 26.63 | 33.7388 |
| 303.074653 | 26.85 | 33.7172 | 303.163889 | 26.56 | 33.7889 | 303.253125 | 26.61 | 33.7408 |
| 303.075 | 26.85 | 33.7049 | 303.164236 | 26.56 | 33.7717 | 303.253472 | 26.61 | 33.7482 |
| 303.075347 | 26.85 | 33.7221 | 303.164583 | 26.56 | 33.7914 | 303.253819 | 26.61 | 33.7605 |
| 303.075694 | 26.85 | 33.732 | 303.164931 | 26.56 | 33.7914 | 303.254167 | 26.61 | 33.7753 |
| 303.076042 | 26.85 | 33.7049 | 303.165278 | 26.56 | 33.8037 | 303.254514 | 26.61 | 33.7556 |
| 303.076389 | 26.85 | 33.7049 | 303.165625 | 26.57 | 33.8015 | 303.254861 | 26.61 | 33.7482 |
| 303.076736 | 26.85 | 33.6975 | 303.165972 | 26.57 | 33.7867 | 303.255208 | 26.61 | 33.7286 |
| 303.077083 | 26.85 | 33.6926 | 303.166319 | 26.57 | 33.8064 | 303.255556 | 26.61 | 33.7679 |
| 303.077431 | 26.83 | 33.7216 | 303.166667 | 26.57 | 33.767 | 303.255903 | 26.61 | 33.7556 |
| 303.077778 | 26.83 | 33.7068 | 303.167014 | 26.57 | 33.799 | 303.25625 | 26.61 | 33.7556 |
| 303.078125 | 26.83 | 33.7068 | 303.167361 | 26.56 | 33.7914 | 303.256597 | 26.63 | 33.7783 |
| 303.078472 | 26.83 | 33.7019 | 303.167708 | 26.56 | 33.784 | 303.256944 | 26.63 | 33.7388 |
| 303.078819 | 26.83 | 33.7339 | 303.168056 | 26.56 | 33.784 | 303.257292 | 26.63 | 33.7266 |
| 303.079167 | 26.83 | 33.6995 | 303.168403 | 26.56 | 33.7914 | 303.257639 | 26.63 | 33.7511 |
| 303.079514 | 26.85 | 33.7123 | 303.16875 | 26.56 | 33.7988 | 303.257986 | 26.64 | 33.7465 |
| 303.079861 | 26.85 | 33.7049 | 303.169097 | 26.57 | 33.7867 | 303.258333 | 26.64 | 33.7415 |
| 303.080208 | 26.85 | 33.7049 | 303.169444 | 26.57 | 33.7916 | 303.258681 | 26.64 | 33.7415 |
| 303.080556 | 26.83 | 33.7142 | 303.169792 | 26.57 | 33.767 | 303.259028 | 26.63 | 33.7388 |
| 303.080903 | 26.85 | 33.7049 | 303.170139 | 26.57 | 33.7793 | 303.259375 | 26.63 | 33.7462 |
| 303.08125 | 26.85 | 33.7049 | 303.170486 | 26.57 | 33.8064 | 303.259722 | 26.64 | 33.7538 |
| 303.081597 | 26.85 | 33.6926 | 303.170833 | 26.57 | 33.7867 | 303.260069 | 26.63 | 33.7585 |
| 303.081944 | 26.85 | 33.7172 | 303.171181 | 26.57 | 33.8015 | 303.260417 | 26.63 | 33.7511 |
| 303.082292 | 26.85 | 33.7123 | 303.171528 | 26.59 | 33.7896 | 303.260764 | 26.61 | 33.7482 |
| 303.082639 | 26.85 | 33.7123 | 303.171875 | 26.59 | 33.7625 | 303.261111 | 26.61 | 33.7556 |
| 303.082986 | 26.85 | 33.7172 | 303.172222 | 26.59 | 33.7822 | 303.261458 | 26.61 | 33.7753 |
| 303.083333 | 26.85 | 33.7172 | 303.172569 | 26.59 | 33.7773 | 303.261806 | 26.61 | 33.7482 |
| 303.083681 | 26.85 | 33.7 | 303.172917 | 26.57 | 33.7719 | 303.262153 | 26.61 | 33.7605 |
| 303.084028 | 26.83 | 33.7093 | 303.173264 | 26.59 | 33.7699 | 303.2625 | 26.61 | 33.7359 |
| 303.084375 | 26.85 | 33.6926 | 303.173611 | 26.59 | 33.7773 | 303.262847 | 26.63 | 33.7511 |
| 303.084722 | 26.85 | 33.7123 | 303.173958 | 26.59 | 33.797 | 303.263194 | 26.63 | 33.7045 |
| 303.085069 | 26.85 | 33.7049 | 303.174306 | 26.59 | 33.797 | 303.263542 | 26.63 | 33.7438 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.085417 | 26.83 | 33.7068 | 303.174653 | 26.59 | 33.7773 | 303.263889 | 26.63 | 33.7536 |
| 303.085764 | 26.85 | 33.7172 | 303.175 | 26.59 | 33.7847 | 303.264236 | 26.63 | 33.7462 |
| 303.086111 | 26.85 | 33.6975 | 303.175347 | 26.57 | 33.8114 | 303.264583 | 26.63 | 33.7462 |
| 303.086458 | 26.85 | 33.6852 | 303.175694 | 26.59 | 33.7773 | 303.264931 | 26.64 | 33.7489 |
| 303.086806 | 26.85 | 33.7123 | 303.176042 | 26.59 | 33.7773 | 303.265278 | 26.64 | 33.7612 |
| 303.087153 | 26.83 | 33.7216 | 303.176389 | 26.59 | 33.7822 | 303.265625 | 26.64 | 33.7588 |
| 303.0875 | 26.83 | 33.7019 | 303.176736 | 26.59 | 33.7625 | 303.265972 | 26.64 | 33.7612 |
| 303.087847 | 26.83 | 33.7142 | 303.177083 | 26.59 | 33.7896 | 303.266319 | 26.64 | 33.7219 |

DPS5-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.582639 | 27.26 | 34.4384 | 302.628819 | 27.02 | 33.6219 | 302.675 | 26.96 | 33.6122 |
| 302.582986 | 27.28 | 34.102 | 302.629167 | 27.02 | 33.5964 | 302.675347 | 26.96 | 33.5995 |
| 302.583333 | 27.27 | 34.0372 | 302.629514 | 26.99 | 33.6128 | 302.675694 | 26.98 | 33.6013 |
| 302.583681 | 27.27 | 33.9323 | 302.629861 | 27.01 | 33.5806 | 302.676042 | 26.98 | 33.6225 |
| 302.584028 | 27.24 | 33.9271 | 302.630208 | 26.99 | 33.617 | 302.676389 | 26.98 | 33.5885 |
| 302.584375 | 27.24 | 33.8836 | 302.630556 | 26.99 | 33.6128 | 302.676736 | 26.96 | 33.6122 |
| 302.584722 | 27.24 | 33.8575 | 302.630903 | 26.99 | 33.6043 | 302.677083 | 26.98 | 33.5673 |
| 302.585069 | 27.23 | 33.8457 | 302.63125 | 27.01 | 33.6018 | 302.677431 | 26.98 | 33.6013 |
| 302.585417 | 27.23 | 33.8068 | 302.631597 | 27.01 | 33.6146 | 302.677778 | 26.96 | 33.591 |
| 302.585764 | 27.19 | 33.7942 | 302.631944 | 27.05 | 33.614 | 302.678125 | 26.95 | 33.6262 |
| 302.586111 | 27.17 | 33.8225 | 302.632292 | 27.05 | 33.5927 | 302.678472 | 26.94 | 33.6104 |
| 302.586458 | 27.14 | 33.8261 | 302.632639 | 27.03 | 33.5569 | 302.678819 | 26.95 | 33.605 |
| 302.586806 | 27.14 | 33.8045 | 302.632986 | 27.03 | 33.5824 | 302.679167 | 26.94 | 33.6232 |
| 302.587153 | 27.14 | 33.8002 | 302.633333 | 27.03 | 33.5909 | 302.679514 | 26.94 | 33.6104 |
| 302.5875 | 27.13 | 33.7841 | 302.633681 | 27.02 | 33.6176 | 302.679861 | 26.94 | 33.6445 |
| 302.587847 | 27.13 | 33.7798 | 302.634028 | 27.01 | 33.5806 | 302.680208 | 26.94 | 33.6104 |
| 302.588194 | 27.12 | 33.7509 | 302.634375 | 26.99 | 33.6043 | 302.680556 | 26.94 | 33.5977 |
| 302.588542 | 27.1 | 33.7705 | 302.634722 | 27.01 | 33.6018 | 302.680903 | 26.92 | 33.6214 |
| 302.588889 | 27.09 | 33.7502 | 302.635069 | 26.99 | 33.6255 | 302.68125 | 26.92 | 33.6087 |
| 302.589236 | 27.09 | 33.7631 | 302.635417 | 27.01 | 33.6146 | 302.681597 | 26.92 | 33.6342 |
| 302.589583 | 27.08 | 33.7686 | 302.635764 | 27.01 | 33.5679 | 302.681944 | 26.92 | 33.6427 |
| 302.589931 | 27.06 | 33.7538 | 302.636111 | 27.01 | 33.6146 | 302.682292 | 26.92 | 33.6342 |
| 302.590278 | 27.06 | 33.7538 | 302.636458 | 27.01 | 33.5679 | 302.682639 | 26.91 | 33.6397 |
| 302.590625 | 27.06 | 33.7753 | 302.636806 | 27.01 | 33.5764 | 302.682986 | 26.91 | 33.6057 |
| 302.590972 | 27.05 | 33.7679 | 302.637153 | 27.01 | 33.5806 | 302.683333 | 26.91 | 33.6269 |
| 302.591319 | 27.05 | 33.7465 | 302.6375 | 26.99 | 33.6255 | 302.683681 | 26.91 | 33.6057 |
| 302.591667 | 27.03 | 33.7575 | 302.637847 | 26.99 | 33.5915 | 302.684028 | 26.89 | 33.6039 |
| 302.592014 | 27.02 | 33.763 | 302.638194 | 26.99 | 33.5873 | 302.684375 | 26.89 | 33.6719 |
| 302.592361 | 27.02 | 33.7501 | 302.638542 | 26.98 | 33.631 | 302.684722 | 26.89 | 33.6039 |
| 302.592708 | 27.01 | 33.7213 | 302.638889 | 26.98 | 33.631 | 302.685069 | 26.89 | 33.6166 |
| 302.593056 | 27.02 | 33.7458 | 302.639236 | 26.98 | 33.5843 | 302.685417 | 26.91 | 33.6269 |
| 302.593403 | 27.01 | 33.7299 | 302.639583 | 26.95 | 33.6347 | 302.685764 | 26.91 | 33.6142 |
| 302.59375 | 27.01 | 33.7299 | 302.639931 | 26.95 | 33.6135 | 302.686111 | 26.92 | 33.6002 |
| 302.594097 | 27.01 | 33.7085 | 302.640278 | 26.95 | 33.656 | 302.686458 | 26.92 | 33.5917 |
| 302.594444 | 27.01 | 33.717 | 302.640625 | 26.95 | 33.622 | 302.686806 | 26.92 | 33.6087 |
| 302.594792 | 27.02 | 33.6645 | 302.640972 | 26.95 | 33.6432 | 302.687153 | 26.92 | 33.6427 |
| 302.595139 | 27.02 | 33.7329 | 302.641319 | 26.94 | 33.6189 | 302.6875 | 26.91 | 33.6269 |
| 302.595486 | 27.02 | 33.7201 | 302.641667 | 26.94 | 33.6147 | 302.687847 | 26.92 | 33.6214 |
| 302.595833 | 27.02 | 33.7072 | 302.642014 | 26.95 | 33.622 | 302.688194 | 26.91 | 33.6057 |
| 302.596181 | 27.02 | 33.7201 | 302.642361 | 26.94 | 33.6487 | 302.688542 | 26.91 | 33.6269 |
| 302.596528 | 27.03 | 33.7146 | 302.642708 | 26.95 | 33.6092 | 302.688889 | 26.91 | 33.6482 |
| 302.596875 | 27.02 | 33.6987 | 302.643056 | 26.94 | 33.6487 | 302.689236 | 26.91 | 33.6142 |
| 302.597222 | 27.03 | 33.6889 | 302.643403 | 26.96 | 33.6292 | 302.689583 | 26.91 | 33.6354 |
| 302.597569 | 27.03 | 33.6932 | 302.64375 | 26.95 | 33.6092 | 302.689931 | 26.91 | 33.6482 |
| 302.597917 | 27.03 | 33.7017 | 302.644097 | 26.96 | 33.642 | 302.690278 | 26.91 | 33.6142 |
| 302.598264 | 27.03 | 33.6547 | 302.644444 | 26.98 | 33.5928 | 302.690625 | 26.91 | 33.6269 |
| 302.598611 | 27.03 | 33.6419 | 302.644792 | 26.98 | 33.6183 | 302.690972 | 26.91 | 33.6269 |
| 302.598958 | 27.03 | 33.6419 | 302.645139 | 26.98 | 33.6183 | 302.691319 | 26.89 | 33.6379 |
| 302.599306 | 27.05 | 33.6097 | 302.645486 | 26.98 | 33.5843 | 302.691667 | 26.91 | 33.6397 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.599653 | 27.05 | 33.631 | 302.645833 | 26.98 | 33.5928 | 302.692014 | 26.89 | 33.6379 |
| 302.6 | 27.05 | 33.6097 | 302.646181 | 26.98 | 33.5843 | 302.692361 | 26.91 | 33.6184 |
| 302.600347 | 27.05 | 33.631 | 302.646528 | 26.98 | 33.614 | 302.692708 | 26.89 | 33.6805 |
| 302.600694 | 27.05 | 33.6438 | 302.646875 | 26.98 | 33.614 | 302.693056 | 26.89 | 33.6379 |
| 302.601042 | 27.05 | 33.6438 | 302.647222 | 26.98 | 33.614 | 302.693403 | 26.89 | 33.6166 |
| 302.601389 | 27.05 | 33.631 | 302.647569 | 26.98 | 33.5843 | 302.69375 | 26.89 | 33.6379 |
| 302.601736 | 27.05 | 33.6182 | 302.647917 | 26.99 | 33.6085 | 302.694097 | 26.89 | 33.6039 |
| 302.602083 | 27.03 | 33.6207 | 302.648264 | 26.99 | 33.6341 | 302.694444 | 26.89 | 33.6379 |
| 302.602431 | 27.05 | 33.5969 | 302.648611 | 26.98 | 33.58 | 302.694792 | 26.89 | 33.6251 |
| 302.602778 | 27.05 | 33.631 | 302.648958 | 26.96 | 33.5825 | 302.695139 | 26.88 | 33.6647 |
| 302.603125 | 27.05 | 33.631 | 302.649306 | 26.96 | 33.659 | 302.695486 | 26.89 | 33.6251 |
| 302.603472 | 27.05 | 33.6182 | 302.649653 | 26.95 | 33.656 | 302.695833 | 26.92 | 33.6299 |
| 302.603819 | 27.05 | 33.6182 | 302.65 | 26.95 | 33.6305 | 302.696181 | 26.95 | 33.605 |
| 302.604167 | 27.05 | 33.5969 | 302.650347 | 26.96 | 33.6292 | 302.696528 | 27.01 | 33.5933 |
| 302.604514 | 27.05 | 33.5969 | 302.650694 | 26.98 | 33.5928 | 302.696875 | 27.01 | 33.5848 |
| 302.604861 | 27.05 | 33.614 | 302.651042 | 26.98 | 33.6055 | 302.697222 | 27.02 | 33.5328 |
| 302.605208 | 27.05 | 33.648 | 302.651389 | 26.98 | 33.6395 | 302.697569 | 27.03 | 33.5273 |
| 302.605556 | 27.05 | 33.6267 | 302.651736 | 26.98 | 33.6268 | 302.697917 | 27.02 | 33.5539 |
| 302.605903 | 27.06 | 33.6127 | 302.652083 | 26.98 | 33.5928 | 302.698264 | 27.02 | 33.5412 |
| 302.60625 | 27.06 | 33.6298 | 302.652431 | 26.98 | 33.6268 | 302.698611 | 27.01 | 33.5594 |
| 302.606597 | 27.06 | 33.634 | 302.652778 | 26.96 | 33.6377 | 302.698958 | 27.01 | 33.5382 |
| 302.606944 | 27.06 | 33.6085 | 302.653125 | 26.98 | 33.5843 | 302.699306 | 27.01 | 33.5255 |
| 302.607292 | 27.08 | 33.5848 | 302.653472 | 26.98 | 33.5716 | 302.699653 | 27.01 | 33.5467 |
| 302.607639 | 27.08 | 33.606 | 302.653819 | 26.98 | 33.6055 | 302.7 | 27.01 | 33.5467 |
| 302.607986 | 27.09 | 33.5581 | 302.654167 | 26.99 | 33.5958 | 302.700347 | 27.01 | 33.5255 |
| 302.608333 | 27.09 | 33.5581 | 302.654514 | 26.99 | 33.6 | 302.700694 | 27.01 | 33.5171 |
| 302.608681 | 27.1 | 33.5951 | 302.654861 | 26.99 | 33.6213 | 302.701042 | 26.99 | 33.5238 |
| 302.609028 | 27.09 | 33.5666 | 302.655208 | 27.01 | 33.5891 | 302.701389 | 26.99 | 33.5576 |
| 302.609375 | 27.1 | 33.5399 | 302.655556 | 27.01 | 33.5721 | 302.701736 | 27.01 | 33.5721 |
| 302.609722 | 27.09 | 33.5708 | 302.655903 | 27.01 | 33.5848 | 302.702083 | 26.99 | 33.5576 |
| 302.610069 | 27.12 | 33.5714 | 302.65625 | 27.01 | 33.5976 | 302.702431 | 26.99 | 33.5703 |
| 302.610417 | 27.12 | 33.5629 | 302.656597 | 27.01 | 33.5976 | 302.702778 | 26.99 | 33.5703 |
| 302.610764 | 27.12 | 33.5502 | 302.656944 | 27.02 | 33.5582 | 302.703125 | 26.99 | 33.5703 |
| 302.611111 | 27.13 | 33.5363 | 302.657292 | 27.02 | 33.5582 | 302.703472 | 27.01 | 33.5467 |
| 302.611458 | 27.13 | 33.566 | 302.657639 | 27.03 | 33.5866 | 302.703819 | 27.01 | 33.5255 |
| 302.611806 | 27.13 | 33.532 | 302.657986 | 27.03 | 33.5781 | 302.704167 | 26.99 | 33.5364 |
| 302.612153 | 27.13 | 33.5532 | 302.658333 | 27.03 | 33.5654 | 302.704514 | 27.01 | 33.5594 |
| 302.6125 | 27.13 | 33.5448 | 302.658681 | 27.03 | 33.5866 | 302.704861 | 27.01 | 33.5382 |
| 302.612847 | 27.13 | 33.566 | 302.659028 | 27.01 | 33.5848 | 302.705208 | 27.02 | 33.5074 |
| 302.613194 | 27.13 | 33.5448 | 302.659375 | 27.02 | 33.6261 | 302.705556 | 27.02 | 33.5666 |
| 302.613542 | 27.13 | 33.5193 | 302.659722 | 27.02 | 33.5921 | 302.705903 | 27.02 | 33.5666 |
| 302.613889 | 27.16 | 33.5496 | 302.660069 | 27.02 | 33.6134 | 302.70625 | 27.02 | 33.5201 |
| 302.614236 | 27.14 | 33.5605 | 302.660417 | 27.03 | 33.5866 | 302.706597 | 27.02 | 33.5328 |
| 302.614583 | 27.13 | 33.566 | 302.660764 | 27.02 | 33.5879 | 302.706944 | 27.01 | 33.5594 |
| 302.614931 | 27.13 | 33.532 | 302.661111 | 27.03 | 33.5951 | 302.707292 | 27.02 | 33.5539 |
| 302.615278 | 27.13 | 33.5405 | 302.661458 | 27.03 | 33.5951 | 302.707639 | 27.01 | 33.5382 |
| 302.615625 | 27.13 | 33.566 | 302.661806 | 27.03 | 33.5612 | 302.707986 | 27.01 | 33.5382 |
| 302.615972 | 27.14 | 33.5605 | 302.662153 | 27.05 | 33.563 | 302.708333 | 27.01 | 33.5044 |
| 302.616319 | 27.14 | 33.5012 | 302.6625 | 27.03 | 33.54 | 302.708681 | 27.01 | 33.5255 |
| 302.616667 | 27.14 | 33.5223 | 302.662847 | 27.03 | 33.5612 | 302.709028 | 27.01 | 33.5128 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.617014 | 27.13 | 33.5405 | 302.663194 | 27.02 | 33.5709 | 302.709375 | 27.02 | 33.5455 |
| 302.617361 | 27.14 | 33.5563 | 302.663542 | 27.02 | 33.6134 | 302.709722 | 27.01 | 33.5806 |
| 302.617708 | 27.13 | 33.5532 | 302.663889 | 27.02 | 33.5879 | 302.710069 | 27.01 | 33.5044 |
| 302.618056 | 27.13 | 33.5532 | 302.664236 | 27.02 | 33.5794 | 302.710417 | 27.02 | 33.5412 |
| 302.618403 | 27.12 | 33.546 | 302.664583 | 27.01 | 33.5721 | 302.710764 | 27.02 | 33.4905 |
| 302.61875 | 27.1 | 33.5909 | 302.664931 | 27.02 | 33.5879 | 302.711111 | 27.02 | 33.4989 |
| 302.619097 | 27.1 | 33.5569 | 302.665278 | 27.02 | 33.6006 | 302.711458 | 27.02 | 33.5539 |
| 302.619444 | 27.09 | 33.5963 | 302.665625 | 27.02 | 33.5582 | 302.711806 | 27.03 | 33.5146 |
| 302.619792 | 27.06 | 33.566 | 302.665972 | 27.03 | 33.5612 | 302.712153 | 27.03 | 33.5146 |
| 302.620139 | 27.03 | 33.6164 | 302.666319 | 27.02 | 33.5879 | 302.7125 | 27.03 | 33.5146 |
| 302.620486 | 27.02 | 33.6134 | 302.666667 | 27.02 | 33.5879 | 302.712847 | 27.03 | 33.5146 |
| 302.620833 | 27.01 | 33.6146 | 302.667014 | 27.02 | 33.6006 | 302.713194 | 27.03 | 33.4808 |
| 302.621181 | 27.01 | 33.6274 | 302.667361 | 27.02 | 33.5794 | 302.713542 | 27.03 | 33.5146 |
| 302.621528 | 27.01 | 33.6188 | 302.667708 | 27.02 | 33.5582 | 302.713889 | 27.03 | 33.5273 |
| 302.621875 | 26.99 | 33.6383 | 302.668056 | 27.02 | 33.6219 | 302.714236 | 27.03 | 33.5019 |
| 302.622222 | 27.01 | 33.6487 | 302.668403 | 27.03 | 33.5866 | 302.714583 | 27.03 | 33.5062 |
| 302.622569 | 27.01 | 33.6188 | 302.66875 | 27.02 | 33.5794 | 302.714931 | 27.06 | 33.4772 |
| 302.622917 | 26.99 | 33.6383 | 302.669097 | 27.02 | 33.5794 | 302.715278 | 27.06 | 33.4856 |
| 302.623264 | 27.01 | 33.5933 | 302.669444 | 27.02 | 33.5666 | 302.715625 | 27.08 | 33.4958 |
| 302.623611 | 27.06 | 33.5872 | 302.669792 | 27.02 | 33.5921 | 302.715972 | 27.08 | 33.5085 |
| 302.623958 | 27.09 | 33.5836 | 302.670139 | 27.02 | 33.6006 | 302.716319 | 27.08 | 33.5169 |
| 302.624306 | 27.12 | 33.5672 | 302.670486 | 27.02 | 33.5879 | 302.716667 | 27.08 | 33.4958 |
| 302.624653 | 27.13 | 33.5363 | 302.670833 | 27.01 | 33.5933 | 302.717014 | 27.08 | 33.5085 |
| 302.625 | 27.1 | 33.5569 | 302.671181 | 26.99 | 33.617 | 302.717361 | 27.08 | 33.4663 |
| 302.625347 | 27.02 | 33.5666 | 302.671528 | 26.99 | 33.5831 | 302.717708 | 27.08 | 33.4747 |
| 302.625694 | 27.01 | 33.6359 | 302.671875 | 26.99 | 33.5746 | 302.718056 | 27.08 | 33.4747 |
| 302.626042 | 27.02 | 33.5964 | 302.672222 | 26.99 | 33.5958 | 302.718403 | 27.06 | 33.5067 |
| 302.626389 | 27.01 | 33.6146 | 302.672569 | 26.99 | 33.5958 | 302.71875 | 27.06 | 33.5194 |
| 302.626736 | 26.98 | 33.6225 | 302.672917 | 26.96 | 33.5995 | 302.719097 | 27.08 | 33.5 |
| 302.627083 | 26.96 | 33.5995 | 302.673264 | 26.95 | 33.571 | 302.719444 | 27.09 | 33.4693 |
| 302.627431 | 26.96 | 33.6335 | 302.673611 | 26.94 | 33.6104 | 302.719792 | 27.1 | 33.4976 |
| 302.627778 | 26.96 | 33.6292 | 302.673958 | 26.94 | 33.5892 | 302.720139 | 27.09 | 33.4904 |
| 302.628125 | 26.98 | 33.6523 | 302.674306 | 26.94 | 33.5977 | 302.720486 | 27.1 | 33.4765 |
| 302.628472 | 26.99 | 33.6255 | 302.674653 | 26.94 | 33.636 | | | |

DPS5-2

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 303.050694 | 26.85 | 33.6982 | 303.139931 | 26.77 | 33.5723 | 303.229167 | 26.64 | 33.6226 |
| 303.051042 | 27.03 | 33.5909 | 303.140278 | 26.77 | 33.5597 | 303.229514 | 26.64 | 33.6353 |
| 303.051389 | 27.05 | 33.4405 | 303.140625 | 26.77 | 33.5597 | 303.229861 | 26.64 | 33.6438 |
| 303.051736 | 27.13 | 33.4138 | 303.140972 | 26.77 | 33.5512 | 303.230208 | 26.64 | 33.6353 |
| 303.052083 | 27.23 | 33.3723 | 303.141319 | 26.77 | 33.5301 | 303.230556 | 26.64 | 33.6438 |
| 303.052431 | 27.23 | 33.3723 | 303.141667 | 26.75 | 33.5622 | 303.230903 | 26.64 | 33.6438 |
| 303.052778 | 27.26 | 33.3183 | 303.142014 | 26.77 | 33.5723 | 303.23125 | 26.64 | 33.6905 |
| 303.053125 | 27.26 | 33.3142 | 303.142361 | 26.77 | 33.5597 | 303.231597 | 26.64 | 33.6438 |
| 303.053472 | 27.3 | 33.2675 | 303.142708 | 26.75 | 33.596 | 303.231944 | 26.64 | 33.6353 |
| 303.053819 | 27.3 | 33.2759 | 303.143056 | 26.75 | 33.5495 | 303.232292 | 26.64 | 33.665 |
| 303.054167 | 27.34 | 33.2502 | 303.143403 | 26.75 | 33.5706 | 303.232639 | 26.64 | 33.6778 |
| 303.054514 | 27.34 | 33.2377 | 303.14375 | 26.75 | 33.5495 | 303.232986 | 26.64 | 33.6565 |
| 303.054861 | 27.34 | 33.2585 | 303.144097 | 26.74 | 33.5888 | 303.233333 | 26.64 | 33.665 |
| 303.055208 | 27.34 | 33.246 | 303.144444 | 26.74 | 33.555 | 303.233681 | 26.64 | 33.6226 |
| 303.055556 | 27.34 | 33.2669 | 303.144792 | 26.73 | 33.5816 | 303.234028 | 26.64 | 33.6565 |
| 303.055903 | 27.34 | 33.2836 | 303.145139 | 26.74 | 33.555 | 303.234375 | 26.64 | 33.6226 |
| 303.05625 | 27.34 | 33.2502 | 303.145486 | 26.73 | 33.5605 | 303.234722 | 26.64 | 33.6311 |
| 303.056597 | 27.34 | 33.2627 | 303.145833 | 26.73 | 33.5732 | 303.235069 | 26.64 | 33.6778 |
| 303.056944 | 27.34 | 33.2252 | 303.146181 | 26.71 | 33.5841 | 303.235417 | 26.64 | 33.6226 |
| 303.057292 | 27.34 | 33.2377 | 303.146528 | 26.71 | 33.5841 | 303.235764 | 26.64 | 33.6438 |
| 303.057639 | 27.34 | 33.2044 | 303.146875 | 26.71 | 33.5757 | 303.236111 | 26.64 | 33.6438 |
| 303.057986 | 27.34 | 33.246 | 303.147222 | 26.62 | 33.5703 | 303.236458 | 26.64 | 33.6226 |
| 303.058333 | 27.33 | 33.2306 | 303.147569 | 26.6 | 33.6066 | 303.236806 | 26.63 | 33.6409 |
| 303.058681 | 27.33 | 33.2639 | 303.147917 | 26.66 | 33.5778 | 303.237153 | 26.63 | 33.6748 |
| 303.059028 | 27.33 | 33.2181 | 303.148264 | 26.64 | 33.6015 | 303.2375 | 26.63 | 33.6282 |
| 303.059375 | 27.31 | 33.2371 | 303.148611 | 26.63 | 33.5943 | 303.237847 | 26.64 | 33.6311 |
| 303.059722 | 27.31 | 33.2622 | 303.148958 | 26.64 | 33.593 | 303.238194 | 26.63 | 33.6366 |
| 303.060069 | 27.31 | 33.2496 | 303.149306 | 26.63 | 33.5985 | 303.238542 | 26.63 | 33.6621 |
| 303.060417 | 27.31 | 33.2705 | 303.149653 | 26.62 | 33.5998 | 303.238889 | 26.63 | 33.6366 |
| 303.060764 | 27.31 | 33.2705 | 303.15 | 26.62 | 33.5576 | 303.239236 | 26.63 | 33.6282 |
| 303.061111 | 27.31 | 33.2705 | 303.150347 | 26.62 | 33.6041 | 303.239583 | 26.63 | 33.6493 |
| 303.061458 | 27.31 | 33.2246 | 303.150694 | 26.6 | 33.6278 | 303.239931 | 26.63 | 33.6621 |
| 303.061806 | 27.31 | 33.2663 | 303.151042 | 26.62 | 33.5492 | 303.240278 | 26.63 | 33.6493 |
| 303.062153 | 27.3 | 33.2508 | 303.151389 | 26.62 | 33.5914 | 303.240625 | 26.63 | 33.6621 |
| 303.0625 | 27.3 | 33.2508 | 303.151736 | 26.59 | 33.5573 | 303.240972 | 26.63 | 33.6493 |
| 303.062847 | 27.28 | 33.2825 | 303.152083 | 26.57 | 33.5978 | 303.241319 | 26.63 | 33.6493 |
| 303.063194 | 27.28 | 33.27 | 303.152431 | 26.57 | 33.5556 | 303.241667 | 26.63 | 33.6197 |
| 303.063542 | 27.27 | 33.2586 | 303.152778 | 26.56 | 33.5611 | 303.242014 | 26.63 | 33.6409 |
| 303.063889 | 27.26 | 33.2724 | 303.153125 | 26.55 | 33.5666 | 303.242361 | 26.63 | 33.6621 |
| 303.064236 | 27.19 | 33.331 | 303.153472 | 26.55 | 33.6004 | 303.242708 | 26.63 | 33.6621 |
| 303.064583 | 27.2 | 33.3591 | 303.153819 | 26.53 | 33.5987 | 303.243056 | 26.63 | 33.6366 |
| 303.064931 | 27.16 | 33.3598 | 303.154167 | 26.5 | 33.5815 | 303.243403 | 26.63 | 33.6493 |
| 303.065278 | 27.2 | 33.3047 | 303.154514 | 26.52 | 33.5832 | 303.24375 | 26.63 | 33.6748 |
| 303.065625 | 27.21 | 33.3328 | 303.154861 | 26.53 | 33.565 | 303.244097 | 26.62 | 33.6803 |
| 303.065972 | 27.23 | 33.322 | 303.155208 | 26.49 | 33.5913 | 303.244444 | 26.63 | 33.6282 |
| 303.066319 | 27.23 | 33.3429 | 303.155556 | 26.48 | 33.5841 | 303.244792 | 26.62 | 33.6676 |
| 303.066667 | 27.21 | 33.3119 | 303.155903 | 26.48 | 33.5841 | 303.245139 | 26.62 | 33.6676 |
| 303.067014 | 27.21 | 33.3119 | 303.15625 | 26.46 | 33.5615 | 303.245486 | 26.62 | 33.6549 |
| 303.067361 | 27.23 | 33.3094 | 303.156597 | 26.46 | 33.5952 | 303.245833 | 26.62 | 33.621 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.067708 | 27.2 | 33.3131 | 303.156944 | 26.45 | 33.6007 | 303.246181 | 26.62 | 33.6464 |
| 303.068056 | 27.21 | 33.3537 | 303.157292 | 26.45 | 33.5712 | 303.246528 | 26.62 | 33.6421 |
| 303.068403 | 27.21 | 33.3077 | 303.157639 | 26.42 | 33.5751 | 303.246875 | 26.62 | 33.6549 |
| 303.06875 | 27.2 | 33.3382 | 303.157986 | 26.41 | 33.6017 | 303.247222 | 26.62 | 33.6337 |
| 303.069097 | 27.2 | 33.3256 | 303.158333 | 26.36 | 33.6083 | 303.247569 | 26.62 | 33.6337 |
| 303.069444 | 27.16 | 33.3263 | 303.158681 | 26.36 | 33.5746 | 303.247917 | 26.62 | 33.6549 |
| 303.069792 | 27.12 | 33.3689 | 303.159028 | 26.35 | 33.5927 | 303.248264 | 26.62 | 33.6591 |
| 303.070139 | 27.09 | 33.4398 | 303.159375 | 26.35 | 33.6264 | 303.248611 | 26.62 | 33.6421 |
| 303.070486 | 27.1 | 33.3588 | 303.159722 | 26.35 | 33.5717 | 303.248958 | 26.62 | 33.6252 |
| 303.070833 | 27.1 | 33.3797 | 303.160069 | 26.35 | 33.6391 | 303.249306 | 26.62 | 33.6464 |
| 303.071181 | 27.05 | 33.4279 | 303.160417 | 26.35 | 33.5927 | 303.249653 | 26.62 | 33.6591 |
| 303.071528 | 27.05 | 33.4405 | 303.160764 | 26.38 | 33.5972 | 303.25 | 26.6 | 33.6447 |
| 303.071875 | 27.03 | 33.4598 | 303.161111 | 26.39 | 33.6043 | 303.250347 | 26.6 | 33.6574 |
| 303.072222 | 27.03 | 33.4303 | 303.161458 | 26.41 | 33.5806 | 303.250694 | 26.6 | 33.6574 |
| 303.072569 | 27.02 | 33.4232 | 303.161806 | 26.45 | 33.5923 | 303.251042 | 26.62 | 33.6549 |
| 303.072917 | 27.02 | 33.4484 | 303.162153 | 26.45 | 33.626 | 303.251389 | 26.6 | 33.6574 |
| 303.073264 | 27.06 | 33.4098 | 303.1625 | 26.48 | 33.6094 | 303.251736 | 26.62 | 33.6337 |
| 303.073611 | 27.06 | 33.4266 | 303.162847 | 26.49 | 33.5997 | 303.252083 | 26.6 | 33.6786 |
| 303.073958 | 27.09 | 33.3977 | 303.163194 | 26.49 | 33.5997 | 303.252431 | 26.6 | 33.6659 |
| 303.074306 | 27.1 | 33.4049 | 303.163542 | 26.49 | 33.6039 | 303.252778 | 26.6 | 33.6362 |
| 303.074653 | 27.12 | 33.3899 | 303.163889 | 26.49 | 33.5913 | 303.253125 | 26.6 | 33.6659 |
| 303.075 | 27.12 | 33.3815 | 303.164236 | 26.49 | 33.5913 | 303.253472 | 26.6 | 33.6574 |
| 303.075347 | 27.13 | 33.397 | 303.164583 | 26.49 | 33.5997 | 303.253819 | 26.6 | 33.6362 |
| 303.075694 | 27.13 | 33.397 | 303.164931 | 26.49 | 33.5997 | 303.254167 | 26.6 | 33.6659 |
| 303.076042 | 27.1 | 33.3923 | 303.165278 | 26.49 | 33.6124 | 303.254514 | 26.6 | 33.6659 |
| 303.076389 | 27.06 | 33.414 | 303.165625 | 26.48 | 33.5968 | 303.254861 | 26.6 | 33.6235 |
| 303.076736 | 27.02 | 33.4232 | 303.165972 | 26.49 | 33.6124 | 303.255208 | 26.6 | 33.6786 |
| 303.077083 | 26.96 | 33.5106 | 303.166319 | 26.48 | 33.5968 | 303.255556 | 26.6 | 33.6999 |
| 303.077431 | 26.95 | 33.4612 | 303.166667 | 26.48 | 33.6094 | 303.255903 | 26.6 | 33.6786 |
| 303.077778 | 26.94 | 33.5215 | 303.167014 | 26.48 | 33.5757 | 303.25625 | 26.6 | 33.6574 |
| 303.078125 | 26.92 | 33.5324 | 303.167361 | 26.48 | 33.5841 | 303.256597 | 26.6 | 33.6786 |
| 303.078472 | 26.92 | 33.5113 | 303.167708 | 26.48 | 33.5841 | 303.256944 | 26.6 | 33.6235 |
| 303.078819 | 26.92 | 33.5324 | 303.168056 | 26.46 | 33.5867 | 303.257292 | 26.6 | 33.6447 |
| 303.079167 | 26.92 | 33.4902 | 303.168403 | 26.46 | 33.6162 | 303.257639 | 26.6 | 33.6701 |
| 303.079514 | 26.92 | 33.4987 | 303.16875 | 26.46 | 33.6289 | 303.257986 | 26.6 | 33.6447 |
| 303.079861 | 26.92 | 33.4987 | 303.169097 | 26.46 | 33.5952 | 303.258333 | 26.6 | 33.6786 |
| 303.080208 | 26.91 | 33.5294 | 303.169444 | 26.46 | 33.6289 | 303.258681 | 26.6 | 33.6108 |
| 303.080556 | 26.91 | 33.5379 | 303.169792 | 26.46 | 33.5867 | 303.259028 | 26.6 | 33.6659 |
| 303.080903 | 26.89 | 33.494 | 303.170139 | 26.45 | 33.5923 | 303.259375 | 26.6 | 33.6786 |
| 303.08125 | 26.91 | 33.5506 | 303.170486 | 26.46 | 33.5952 | 303.259722 | 26.6 | 33.6574 |
| 303.081597 | 26.91 | 33.5506 | 303.170833 | 26.46 | 33.5952 | 303.260069 | 26.6 | 33.6871 |
| 303.081944 | 26.91 | 33.5633 | 303.171181 | 26.45 | 33.6133 | 303.260417 | 26.6 | 33.6447 |
| 303.082292 | 26.92 | 33.524 | 303.171528 | 26.46 | 33.6289 | 303.260764 | 26.6 | 33.6574 |
| 303.082639 | 26.91 | 33.5083 | 303.171875 | 26.46 | 33.5867 | 303.261111 | 26.6 | 33.6532 |
| 303.082986 | 26.91 | 33.5506 | 303.172222 | 26.45 | 33.5923 | 303.261458 | 26.6 | 33.6574 |
| 303.083333 | 26.91 | 33.5421 | 303.172569 | 26.45 | 33.6133 | 303.261806 | 26.6 | 33.6574 |
| 303.083681 | 26.91 | 33.5633 | 303.172917 | 26.45 | 33.6007 | 303.262153 | 26.6 | 33.6786 |
| 303.084028 | 26.91 | 33.5083 | 303.173264 | 26.45 | 33.6133 | 303.2625 | 26.6 | 33.6701 |
| 303.084375 | 26.91 | 33.5294 | 303.173611 | 26.45 | 33.6007 | 303.262847 | 26.6 | 33.6701 |
| 303.084722 | 26.92 | 33.5113 | 303.173958 | 26.45 | 33.6133 | 303.263194 | 26.6 | 33.6914 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.085069 | 26.91 | 33.5168 | 303.174306 | 26.46 | 33.6036 | 303.263542 | 26.6 | 33.6659 |
| 303.085417 | 26.91 | 33.4957 | 303.174653 | 26.46 | 33.6162 | 303.263889 | 26.6 | 33.6447 |
| 303.085764 | 26.89 | 33.5404 | 303.175 | 26.46 | 33.5867 | 303.264236 | 26.6 | 33.6659 |
| 303.086111 | 26.89 | 33.5827 | 303.175347 | 26.46 | 33.5952 | 303.264583 | 26.59 | 33.6841 |
| 303.086458 | 26.88 | 33.5543 | 303.175694 | 26.46 | 33.65 | 303.264931 | 26.6 | 33.6659 |
| 303.086806 | 26.88 | 33.5585 | 303.176042 | 26.45 | 33.6007 | 303.265278 | 26.6 | 33.6701 |
| 303.087153 | 26.88 | 33.5543 | 303.176389 | 26.45 | 33.6007 | 303.265625 | 26.59 | 33.6841 |
| 303.0875 | 26.88 | 33.567 | 303.176736 | 26.43 | 33.6033 | 303.265972 | 26.6 | 33.6574 |
| 303.087847 | 26.87 | 33.5387 | 303.177083 | 26.45 | 33.5796 | 303.266319 | 26.6 | 33.6829 |
| 303.088194 | 26.87 | 33.5598 | 303.177431 | 26.43 | 33.6244 | 303.266667 | 26.6 | 33.6659 |
| 303.088542 | 26.87 | 33.5513 | 303.177778 | 26.42 | 33.5962 | 303.267014 | 26.59 | 33.6629 |
| 303.088889 | 26.85 | 33.5623 | 303.178125 | 26.42 | 33.6046 | 303.267361 | 26.59 | 33.6841 |
| 303.089236 | 26.85 | 33.5707 | 303.178472 | 26.41 | 33.6143 | 303.267708 | 26.59 | 33.6969 |
| 303.089583 | 26.87 | 33.5725 | 303.178819 | 26.41 | 33.5806 | 303.268056 | 26.59 | 33.6714 |
| 303.089931 | 26.85 | 33.5412 | 303.179167 | 26.39 | 33.6465 | 303.268403 | 26.59 | 33.6587 |
| 303.090278 | 26.85 | 33.5834 | 303.179514 | 26.39 | 33.6254 | 303.26875 | 26.6 | 33.6786 |
| 303.090625 | 26.85 | 33.5623 | 303.179861 | 26.39 | 33.6127 | 303.269097 | 26.6 | 33.6447 |
| 303.090972 | 26.85 | 33.5834 | 303.180208 | 26.39 | 33.6254 | 303.269444 | 26.59 | 33.7054 |
| 303.091319 | 26.85 | 33.5623 | 303.180556 | 26.39 | 33.5917 | 303.269792 | 26.6 | 33.6574 |
| 303.091667 | 26.85 | 33.5623 | 303.180903 | 26.39 | 33.6592 | 303.270139 | 26.59 | 33.6841 |
| 303.092014 | 26.85 | 33.5285 | 303.18125 | 26.39 | 33.6254 | 303.270486 | 26.6 | 33.6532 |
| 303.092361 | 26.85 | 33.5834 | 303.181597 | 26.39 | 33.6592 | 303.270833 | 26.59 | 33.6629 |
| 303.092708 | 26.85 | 33.5623 | 303.181944 | 26.39 | 33.6254 | 303.271181 | 26.6 | 33.6574 |
| 303.093056 | 26.85 | 33.5412 | 303.182292 | 26.41 | 33.6354 | 303.271528 | 26.6 | 33.6362 |
| 303.093403 | 26.85 | 33.575 | 303.182639 | 26.42 | 33.6637 | 303.271875 | 26.59 | 33.6714 |
| 303.09375 | 26.85 | 33.5623 | 303.182986 | 26.43 | 33.6244 | 303.272222 | 26.59 | 33.6841 |
| 303.094097 | 26.84 | 33.5678 | 303.183333 | 26.43 | 33.6244 | 303.272569 | 26.59 | 33.6629 |
| 303.094444 | 26.84 | 33.5678 | 303.183681 | 26.43 | 33.6328 | 303.272917 | 26.59 | 33.6757 |
| 303.094792 | 26.84 | 33.5805 | 303.184028 | 26.42 | 33.6172 | 303.273264 | 26.59 | 33.6629 |
| 303.095139 | 26.82 | 33.5449 | 303.184375 | 26.43 | 33.6117 | 303.273611 | 26.6 | 33.6871 |
| 303.095486 | 26.82 | 33.566 | 303.184722 | 26.42 | 33.6172 | 303.273958 | 26.59 | 33.6757 |
| 303.095833 | 26.82 | 33.5112 | 303.185069 | 26.42 | 33.6088 | 303.274306 | 26.59 | 33.6629 |
| 303.096181 | 26.84 | 33.5466 | 303.185417 | 26.42 | 33.6299 | 303.274653 | 26.59 | 33.629 |
| 303.096528 | 26.82 | 33.5323 | 303.185764 | 26.42 | 33.6215 | 303.275 | 26.59 | 33.6926 |
| 303.096875 | 26.82 | 33.5914 | 303.186111 | 26.45 | 33.6344 | 303.275347 | 26.59 | 33.6714 |
| 303.097222 | 26.82 | 33.5787 | 303.186458 | 26.48 | 33.6052 | 303.275694 | 26.6 | 33.6786 |
| 303.097569 | 26.84 | 33.5889 | 303.186806 | 26.5 | 33.6068 | 303.276042 | 26.59 | 33.6926 |
| 303.097917 | 26.82 | 33.566 | 303.187153 | 26.53 | 33.6198 | 303.276389 | 26.59 | 33.6841 |
| 303.098264 | 26.82 | 33.5576 | 303.1875 | 26.53 | 33.641 | 303.276736 | 26.59 | 33.6714 |
| 303.098611 | 26.82 | 33.566 | 303.187847 | 26.56 | 33.6371 | 303.277083 | 26.59 | 33.6502 |
| 303.098958 | 26.82 | 33.5449 | 303.188194 | 26.55 | 33.6088 | 303.277431 | 26.59 | 33.6841 |
| 303.099306 | 26.82 | 33.5449 | 303.188542 | 26.56 | 33.6287 | 303.277778 | 26.59 | 33.6502 |
| 303.099653 | 26.82 | 33.5787 | 303.188889 | 26.56 | 33.6498 | 303.278125 | 26.59 | 33.6969 |
| 303.1 | 26.82 | 33.5787 | 303.189236 | 26.56 | 33.6625 | 303.278472 | 26.59 | 33.6629 |
| 303.100347 | 26.82 | 33.5914 | 303.189583 | 26.56 | 33.6287 | 303.278819 | 26.59 | 33.6841 |
| 303.100694 | 26.84 | 33.5466 | 303.189931 | 26.56 | 33.6033 | 303.279167 | 26.59 | 33.6841 |
| 303.101042 | 26.82 | 33.5576 | 303.190278 | 26.56 | 33.671 | 303.279514 | 26.59 | 33.6926 |
| 303.101389 | 26.82 | 33.5914 | 303.190625 | 26.57 | 33.657 | 303.279861 | 26.59 | 33.6841 |
| 303.101736 | 26.82 | 33.566 | 303.190972 | 26.57 | 33.6189 | 303.280208 | 26.59 | 33.6841 |
| 303.102083 | 26.82 | 33.5576 | 303.191319 | 26.57 | 33.6443 | 303.280556 | 26.59 | 33.6714 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.102431 | 26.82 | 33.5449 | 303.191667 | 26.59 | 33.6333 | 303.280903 | 26.59 | 33.6417 |
| 303.102778 | 26.82 | 33.5787 | 303.192014 | 26.57 | 33.6401 | 303.28125 | 26.59 | 33.6714 |
| 303.103125 | 26.82 | 33.5323 | 303.192361 | 26.59 | 33.6206 | 303.281597 | 26.59 | 33.6714 |
| 303.103472 | 26.82 | 33.5576 | 303.192708 | 26.59 | 33.6079 | 303.281944 | 26.59 | 33.6629 |
| 303.103819 | 26.82 | 33.5999 | 303.193056 | 26.59 | 33.6079 | 303.282292 | 26.59 | 33.6714 |
| 303.104167 | 26.82 | 33.5238 | 303.193403 | 26.57 | 33.6443 | 303.282639 | 26.59 | 33.6502 |
| 303.104514 | 26.82 | 33.5576 | 303.19375 | 26.59 | 33.6206 | 303.282986 | 26.59 | 33.6841 |
| 303.104861 | 26.82 | 33.5787 | 303.194097 | 26.59 | 33.6417 | 303.283333 | 26.59 | 33.6629 |
| 303.105208 | 26.82 | 33.5576 | 303.194444 | 26.6 | 33.6151 | 303.283681 | 26.59 | 33.6841 |
| 303.105556 | 26.82 | 33.566 | 303.194792 | 26.59 | 33.6417 | 303.284028 | 26.59 | 33.6757 |
| 303.105903 | 26.82 | 33.566 | 303.195139 | 26.6 | 33.6447 | 303.284375 | 26.59 | 33.6375 |
| 303.10625 | 26.81 | 33.5842 | 303.195486 | 26.6 | 33.6362 | 303.284722 | 26.59 | 33.629 |
| 303.106597 | 26.81 | 33.5715 | 303.195833 | 26.6 | 33.6235 | 303.285069 | 26.59 | 33.6714 |
| 303.106944 | 26.81 | 33.5504 | 303.196181 | 26.6 | 33.6235 | 303.285417 | 26.59 | 33.6629 |
| 303.107292 | 26.81 | 33.5504 | 303.196528 | 26.62 | 33.6379 | 303.285764 | 26.6 | 33.6235 |
| 303.107639 | 26.81 | 33.5631 | 303.196875 | 26.6 | 33.6362 | 303.286111 | 26.59 | 33.6375 |
| 303.107986 | 26.82 | 33.5576 | 303.197222 | 26.62 | 33.5998 | 303.286458 | 26.6 | 33.6574 |
| 303.108333 | 26.81 | 33.5293 | 303.197569 | 26.62 | 33.6125 | 303.286806 | 26.6 | 33.6574 |
| 303.108681 | 26.81 | 33.5504 | 303.197917 | 26.62 | 33.6337 | 303.287153 | 26.62 | 33.6125 |
| 303.109028 | 26.8 | 33.5559 | 303.198264 | 26.62 | 33.6337 | 303.2875 | 26.62 | 33.6252 |
| 303.109375 | 26.8 | 33.5686 | 303.198611 | 26.62 | 33.6252 | 303.287847 | 26.57 | 33.6316 |
| 303.109722 | 26.8 | 33.5686 | 303.198958 | 26.62 | 33.6125 | 303.288194 | 26.59 | 33.6417 |
| 303.110069 | 26.8 | 33.5643 | 303.199306 | 26.62 | 33.6125 | 303.288542 | 26.57 | 33.6401 |
| 303.110417 | 26.8 | 33.5686 | 303.199653 | 26.62 | 33.5703 | 303.288889 | 26.57 | 33.6316 |
| 303.110764 | 26.78 | 33.5668 | 303.2 | 26.62 | 33.6125 | 303.289236 | 26.59 | 33.5952 |
| 303.111111 | 26.78 | 33.5795 | 303.200347 | 26.62 | 33.5914 | 303.289583 | 26.59 | 33.5868 |
| 303.111458 | 26.78 | 33.5542 | 303.200694 | 26.62 | 33.621 | 303.289931 | 26.67 | 33.5512 |
| 303.111806 | 26.78 | 33.5331 | 303.201042 | 26.62 | 33.6125 | 303.290278 | 26.7 | 33.5727 |
| 303.112153 | 26.77 | 33.5723 | 303.201389 | 26.62 | 33.6337 | 303.290625 | 27.2 | 33.3801 |
| 303.1125 | 26.77 | 33.5723 | 303.201736 | 26.62 | 33.5914 | 303.290972 | 27.23 | 33.3513 |
| 303.112847 | 26.77 | 33.5301 | 303.202083 | 26.6 | 33.6235 | 303.291319 | 27.28 | 33.3327 |
| 303.113194 | 26.77 | 33.5597 | 303.202431 | 26.6 | 33.632 | 303.291667 | 27.3 | 33.3345 |
| 303.113542 | 26.77 | 33.5386 | 303.202778 | 26.6 | 33.6447 | 303.292014 | 27.31 | 33.2956 |
| 303.113889 | 26.75 | 33.5622 | 303.203125 | 26.62 | 33.6337 | 303.292361 | 27.31 | 33.283 |
| 303.114236 | 26.74 | 33.5592 | 303.203472 | 26.6 | 33.6235 | 303.292708 | 27.31 | 33.3165 |
| 303.114583 | 26.75 | 33.5622 | 303.203819 | 26.62 | 33.6464 | 303.293056 | 27.3 | 33.301 |
| 303.114931 | 26.74 | 33.5803 | 303.204167 | 26.62 | 33.6125 | 303.293403 | 27.28 | 33.3411 |
| 303.115278 | 26.74 | 33.5592 | 303.204514 | 26.62 | 33.6421 | 303.29375 | 27.27 | 33.3255 |
| 303.115625 | 26.74 | 33.6015 | 303.204861 | 26.62 | 33.6125 | 303.294097 | 27.26 | 33.3435 |
| 303.115972 | 26.74 | 33.5803 | 303.205208 | 26.62 | 33.6464 | 303.294444 | 27.26 | 33.3183 |
| 303.116319 | 26.74 | 33.5888 | 303.205556 | 26.62 | 33.6125 | 303.294792 | 27.23 | 33.3052 |
| 303.116667 | 26.75 | 33.52 | 303.205903 | 26.62 | 33.6337 | 303.295139 | 27.23 | 33.3345 |
| 303.117014 | 26.75 | 33.5622 | 303.20625 | 26.62 | 33.6676 | 303.295486 | 27.23 | 33.3345 |
| 303.117361 | 26.77 | 33.5723 | 303.206597 | 26.62 | 33.6337 | 303.295833 | 27.21 | 33.3579 |
| 303.117708 | 26.77 | 33.5935 | 303.206944 | 26.62 | 33.6252 | 303.296181 | 27.2 | 33.3424 |
| 303.118056 | 26.77 | 33.5639 | 303.207292 | 26.62 | 33.5998 | 303.296528 | 27.19 | 33.3562 |
| 303.118403 | 26.78 | 33.5668 | 303.207639 | 26.62 | 33.6549 | 303.296875 | 27.17 | 33.346 |
| 303.11875 | 26.78 | 33.6219 | 303.207986 | 26.62 | 33.6549 | 303.297222 | 27.17 | 33.3586 |
| 303.119097 | 26.78 | 33.588 | 303.208333 | 26.62 | 33.6337 | 303.297569 | 27.14 | 33.3623 |
| 303.119444 | 26.78 | 33.6134 | 303.208681 | 26.63 | 33.6493 | 303.297917 | 27.14 | 33.3832 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.119792 | 26.78 | 33.5668 | 303.209028 | 26.63 | 33.607 | 303.298264 | 27.14 | 33.3623 |
| 303.120139 | 26.78 | 33.5584 | 303.209375 | 26.63 | 33.6282 | 303.298611 | 27.14 | 33.3958 |
| 303.120486 | 26.78 | 33.5457 | 303.209722 | 26.63 | 33.6155 | 303.298958 | 27.13 | 33.4012 |
| 303.120833 | 26.78 | 33.5457 | 303.210069 | 26.63 | 33.607 | 303.299306 | 27.12 | 33.3647 |
| 303.121181 | 26.78 | 33.5542 | 303.210417 | 26.63 | 33.6324 | 303.299653 | 27.12 | 33.4067 |
| 303.121528 | 26.78 | 33.5584 | 303.210764 | 26.63 | 33.6155 | 303.3 | 27.1 | 33.363 |
| 303.121875 | 26.78 | 33.5331 | 303.211111 | 26.63 | 33.6621 | 303.300347 | 27.1 | 33.3965 |
| 303.122222 | 26.78 | 33.5457 | 303.211458 | 26.63 | 33.6197 | 303.300694 | 27.1 | 33.3839 |
| 303.122569 | 26.78 | 33.5668 | 303.211806 | 26.63 | 33.6282 | 303.301042 | 27.09 | 33.4019 |
| 303.122917 | 26.78 | 33.5331 | 303.212153 | 26.63 | 33.6282 | 303.301389 | 27.06 | 33.3846 |
| 303.123264 | 26.77 | 33.5386 | 303.2125 | 26.63 | 33.6282 | 303.301736 | 27.08 | 33.399 |
| 303.123611 | 26.78 | 33.5457 | 303.212847 | 26.64 | 33.6353 | 303.302083 | 27.06 | 33.3972 |
| 303.123958 | 26.78 | 33.5331 | 303.213194 | 26.63 | 33.6409 | 303.302431 | 27.03 | 33.4135 |
| 303.124306 | 26.77 | 33.5597 | 303.213542 | 26.64 | 33.6226 | 303.302778 | 27.02 | 33.398 |
| 303.124653 | 26.77 | 33.5512 | 303.213889 | 26.64 | 33.61 | 303.303125 | 27.02 | 33.419 |
| 303.125 | 26.75 | 33.5495 | 303.214236 | 26.64 | 33.6353 | 303.303472 | 27.01 | 33.4034 |
| 303.125347 | 26.77 | 33.5723 | 303.214583 | 26.63 | 33.6366 | 303.303819 | 26.99 | 33.4479 |
| 303.125694 | 26.75 | 33.5748 | 303.214931 | 26.63 | 33.6493 | 303.304167 | 26.99 | 33.4353 |
| 303.126042 | 26.75 | 33.5748 | 303.215278 | 26.63 | 33.6197 | 303.304514 | 26.98 | 33.4407 |
| 303.126389 | 26.75 | 33.5706 | 303.215625 | 26.63 | 33.6282 | 303.304861 | 26.98 | 33.4197 |
| 303.126736 | 26.77 | 33.5428 | 303.215972 | 26.63 | 33.6621 | 303.305208 | 26.95 | 33.4234 |
| 303.127083 | 26.77 | 33.5512 | 303.216319 | 26.64 | 33.6693 | 303.305556 | 26.96 | 33.4642 |
| 303.127431 | 26.77 | 33.5512 | 303.216667 | 26.63 | 33.5943 | 303.305903 | 26.96 | 33.4642 |
| 303.127778 | 26.78 | 33.588 | 303.217014 | 26.63 | 33.6493 | 303.30625 | 26.94 | 33.4415 |
| 303.128125 | 26.77 | 33.5723 | 303.217361 | 26.63 | 33.6366 | 303.306597 | 26.92 | 33.4314 |
| 303.128472 | 26.77 | 33.5723 | 303.217708 | 26.63 | 33.607 | 303.306944 | 26.91 | 33.4578 |
| 303.128819 | 26.78 | 33.5331 | 303.218056 | 26.63 | 33.6282 | 303.307292 | 26.91 | 33.4915 |
| 303.129167 | 26.78 | 33.5331 | 303.218403 | 26.63 | 33.6282 | 303.307639 | 26.91 | 33.4704 |
| 303.129514 | 26.78 | 33.5668 | 303.21875 | 26.63 | 33.6282 | 303.307986 | 26.91 | 33.4368 |
| 303.129861 | 26.78 | 33.5668 | 303.219097 | 26.63 | 33.6536 | 303.308333 | 26.89 | 33.4729 |
| 303.130208 | 26.78 | 33.5668 | 303.219444 | 26.63 | 33.6493 | 303.308681 | 26.88 | 33.4532 |
| 303.130556 | 26.78 | 33.5753 | 303.219792 | 26.63 | 33.6155 | 303.309028 | 26.88 | 33.4532 |
| 303.130903 | 26.78 | 33.5795 | 303.220139 | 26.63 | 33.6324 | 303.309375 | 26.88 | 33.4532 |
| 303.13125 | 26.78 | 33.5668 | 303.220486 | 26.63 | 33.6282 | 303.309722 | 26.87 | 33.4712 |
| 303.131597 | 26.78 | 33.5331 | 303.220833 | 26.63 | 33.6621 | 303.310069 | 26.87 | 33.4586 |
| 303.131944 | 26.78 | 33.5542 | 303.221181 | 26.62 | 33.621 | 303.310417 | 26.87 | 33.4502 |
| 303.132292 | 26.78 | 33.5331 | 303.221528 | 26.63 | 33.6493 | 303.310764 | 26.88 | 33.4658 |
| 303.132639 | 26.78 | 33.5795 | 303.221875 | 26.63 | 33.6282 | 303.311111 | 26.87 | 33.4796 |
| 303.132986 | 26.78 | 33.5668 | 303.222222 | 26.63 | 33.6493 | 303.311458 | 26.87 | 33.4796 |
| 303.133333 | 26.78 | 33.5668 | 303.222569 | 26.62 | 33.6252 | 303.311806 | 26.87 | 33.4586 |
| 303.133681 | 26.78 | 33.6007 | 303.222917 | 26.63 | 33.6409 | 303.312153 | 26.87 | 33.4292 |
| 303.134028 | 26.78 | 33.6134 | 303.223264 | 26.63 | 33.6493 | 303.3125 | 26.87 | 33.4712 |
| 303.134375 | 26.78 | 33.5204 | 303.223611 | 26.63 | 33.6282 | 303.312847 | 26.87 | 33.4712 |
| 303.134722 | 26.78 | 33.5668 | 303.223958 | 26.63 | 33.6536 | 303.313194 | 26.87 | 33.4923 |
| 303.135069 | 26.78 | 33.5457 | 303.224306 | 26.63 | 33.6282 | 303.313542 | 26.87 | 33.4839 |
| 303.135417 | 26.78 | 33.5457 | 303.224653 | 26.63 | 33.6409 | 303.313889 | 26.87 | 33.4586 |
| 303.135764 | 26.78 | 33.5331 | 303.225 | 26.63 | 33.6748 | 303.314236 | 26.85 | 33.4948 |
| 303.136111 | 26.78 | 33.5795 | 303.225347 | 26.63 | 33.6621 | 303.314583 | 26.85 | 33.4695 |
| 303.136458 | 26.78 | 33.588 | 303.225694 | 26.63 | 33.6282 | 303.314931 | 26.87 | 33.4628 |
| 303.136806 | 26.78 | 33.5457 | 303.226042 | 26.63 | 33.6282 | 303.315278 | 26.85 | 33.4822 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.137153 | 26.78 | 33.5457 | 303.226389 | 26.63 | 33.6493 | 303.315625 | 26.85 | 33.4695 |
| 303.1375 | 26.78 | 33.5795 | 303.226736 | 26.63 | 33.6282 | 303.315972 | 26.85 | 33.4611 |
| 303.137847 | 26.78 | 33.5795 | 303.227083 | 26.63 | 33.6493 | 303.316319 | 26.85 | 33.4948 |
| 303.138194 | 26.78 | 33.5668 | 303.227431 | 26.63 | 33.6155 | 303.316667 | 26.85 | 33.4948 |
| 303.138542 | 26.77 | 33.5597 | 303.227778 | 26.63 | 33.6621 | 303.317014 | 26.84 | 33.5002 |
| 303.138889 | 26.77 | 33.5977 | 303.228125 | 26.63 | 33.6155 | 303.317361 | 26.85 | 33.4906 |
| 303.139236 | 26.77 | 33.5597 | 303.228472 | 26.63 | 33.6536 | 303.317708 | 26.84 | 33.454 |
| 303.139583 | 26.77 | 33.5723 | 303.228819 | 26.63 | 33.6621 | | | |

DPS6-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.634722 | 26.36 | 34.9314 | 302.688542 | 26.71 | 33.6798 | 302.742361 | 26.61 | 33.6516 |
| 302.635069 | 26.56 | 34.5634 | 302.688889 | 26.72 | 33.6647 | 302.742708 | 26.61 | 33.6281 |
| 302.635417 | 26.65 | 34.4763 | 302.689236 | 26.71 | 33.6516 | 302.743056 | 26.75 | 33.5212 |
| 302.635764 | 26.72 | 34.4503 | 302.689583 | 26.71 | 33.7412 | 302.743403 | 26.79 | 33.4755 |
| 302.636111 | 26.81 | 34.3097 | 302.689931 | 26.71 | 33.6798 | 302.74375 | 26.82 | 33.496 |
| 302.636458 | 26.81 | 34.2755 | 302.690278 | 26.71 | 33.6798 | 302.744097 | 26.82 | 33.4354 |
| 302.636806 | 26.85 | 34.2232 | 302.690625 | 26.71 | 33.6798 | 302.744444 | 26.84 | 33.4848 |
| 302.637153 | 26.88 | 34.167 | 302.690972 | 26.71 | 33.6798 | 302.744792 | 26.82 | 33.468 |
| 302.6375 | 26.88 | 34.1816 | 302.691319 | 26.72 | 33.6695 | 302.745139 | 26.82 | 33.4913 |
| 302.637847 | 26.91 | 34.1644 | 302.691667 | 26.72 | 33.6695 | 302.745486 | 26.81 | 33.511 |
| 302.638194 | 26.91 | 34.1061 | 302.692014 | 26.71 | 33.6892 | 302.745833 | 26.82 | 33.454 |
| 302.638542 | 26.92 | 34.1053 | 302.692361 | 26.71 | 33.7034 | 302.746181 | 26.82 | 33.4773 |
| 302.638889 | 26.91 | 34.1013 | 302.692708 | 26.69 | 33.7005 | 302.746528 | 26.82 | 33.4773 |
| 302.639236 | 26.91 | 34.111 | 302.693056 | 26.71 | 33.6657 | 302.746875 | 26.82 | 33.5007 |
| 302.639583 | 26.91 | 34.0674 | 302.693403 | 26.71 | 33.6516 | 302.747222 | 26.82 | 33.496 |
| 302.639931 | 26.91 | 34.0578 | 302.69375 | 26.71 | 33.6987 | 302.747569 | 26.82 | 33.4913 |
| 302.640278 | 26.91 | 34.0433 | 302.694097 | 26.72 | 33.6177 | 302.747917 | 26.82 | 33.4913 |
| 302.640625 | 26.91 | 33.9903 | 302.694444 | 26.72 | 33.6695 | 302.748264 | 26.82 | 33.468 |
| 302.640972 | 26.91 | 34.0095 | 302.694792 | 26.74 | 33.6488 | 302.748611 | 26.82 | 33.4913 |
| 302.641319 | 26.91 | 34.0192 | 302.695139 | 26.74 | 33.6205 | 302.748958 | 26.82 | 33.4773 |
| 302.641667 | 26.91 | 34.0192 | 302.695486 | 26.75 | 33.6525 | 302.749306 | 26.82 | 33.4913 |
| 302.642014 | 26.91 | 33.947 | 302.695833 | 26.75 | 33.6525 | 302.749653 | 26.84 | 33.4895 |
| 302.642361 | 26.91 | 33.971 | 302.696181 | 26.77 | 33.6413 | 302.75 | 26.85 | 33.4606 |
| 302.642708 | 26.89 | 33.9536 | 302.696528 | 26.77 | 33.6272 | 302.750347 | 26.85 | 33.4373 |
| 302.643056 | 26.89 | 33.9632 | 302.696875 | 26.77 | 33.6648 | 302.750694 | 26.85 | 33.4233 |
| 302.643403 | 26.91 | 33.9758 | 302.697222 | 26.77 | 33.6413 | 302.751042 | 26.85 | 33.4373 |
| 302.64375 | 26.89 | 33.9488 | 302.697569 | 26.77 | 33.6413 | 302.751389 | 26.85 | 33.4606 |
| 302.644097 | 26.89 | 33.968 | 302.697917 | 26.75 | 33.6525 | 302.751736 | 26.87 | 33.4727 |
| 302.644444 | 26.89 | 33.92 | 302.698264 | 26.75 | 33.6008 | 302.752083 | 26.87 | 33.4587 |
| 302.644792 | 26.89 | 33.9296 | 302.698611 | 26.75 | 33.6384 | 302.752431 | 26.87 | 33.4727 |
| 302.645139 | 26.89 | 33.9536 | 302.698958 | 26.77 | 33.6648 | 302.752778 | 26.87 | 33.3982 |
| 302.645486 | 26.89 | 33.9392 | 302.699306 | 26.77 | 33.6131 | 302.753125 | 26.87 | 33.4494 |
| 302.645833 | 26.89 | 33.9104 | 302.699653 | 26.77 | 33.6272 | 302.753472 | 26.85 | 33.4466 |
| 302.646181 | 26.89 | 33.9488 | 302.7 | 26.75 | 33.6384 | 302.753819 | 26.87 | 33.4727 |
| 302.646528 | 26.91 | 33.8943 | 302.700347 | 26.74 | 33.6299 | 302.754167 | 26.85 | 33.4699 |
| 302.646875 | 26.91 | 33.9182 | 302.700694 | 26.74 | 33.6065 | 302.754514 | 26.85 | 33.5072 |
| 302.647222 | 26.91 | 33.9039 | 302.701042 | 26.72 | 33.6553 | 302.754861 | 26.85 | 33.4466 |
| 302.647569 | 26.91 | 33.9039 | 302.701389 | 26.72 | 33.6271 | 302.755208 | 26.85 | 33.4373 |
| 302.647917 | 26.92 | 33.9078 | 302.701736 | 26.74 | 33.6441 | 302.755556 | 26.85 | 33.4559 |
| 302.648264 | 26.92 | 33.8838 | 302.702083 | 26.72 | 33.6412 | 302.755903 | 26.85 | 33.4466 |
| 302.648611 | 26.92 | 33.8695 | 302.702431 | 26.72 | 33.6789 | 302.75625 | 26.85 | 33.4559 |
| 302.648958 | 26.92 | 33.8647 | 302.702778 | 26.74 | 33.6299 | 302.756597 | 26.87 | 33.3982 |
| 302.649306 | 26.94 | 33.8677 | 302.703125 | 26.72 | 33.6553 | 302.756944 | 26.88 | 33.4299 |
| 302.649653 | 26.92 | 33.8552 | 302.703472 | 26.74 | 33.6535 | 302.757292 | 26.85 | 33.4606 |
| 302.65 | 26.94 | 33.8486 | 302.703819 | 26.74 | 33.6018 | 302.757639 | 26.85 | 33.4326 |
| 302.650347 | 26.94 | 33.8486 | 302.704167 | 26.75 | 33.6102 | 302.757986 | 26.85 | 33.4187 |
| 302.650694 | 26.94 | 33.8629 | 302.704514 | 26.75 | 33.6714 | 302.758333 | 26.87 | 33.4727 |
| 302.651042 | 26.92 | 33.8218 | 302.704861 | 26.75 | 33.6196 | 302.758681 | 26.87 | 33.4215 |
| 302.651389 | 26.92 | 33.8599 | 302.705208 | 26.75 | 33.5961 | 302.759028 | 26.87 | 33.4447 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.651736 | 26.91 | 33.8036 | 302.705556 | 26.72 | 33.6506 | 302.759375 | 26.88 | 33.4299 |
| 302.652083 | 26.91 | 33.837 | 302.705903 | 26.72 | 33.6506 | 302.759722 | 26.88 | 33.4159 |
| 302.652431 | 26.92 | 33.817 | 302.70625 | 26.72 | 33.6412 | 302.760069 | 26.88 | 33.4392 |
| 302.652778 | 26.92 | 33.7932 | 302.706597 | 26.72 | 33.6365 | 302.760417 | 26.89 | 33.3964 |
| 302.653125 | 26.92 | 33.8027 | 302.706944 | 26.72 | 33.5989 | 302.760764 | 26.88 | 33.4531 |
| 302.653472 | 26.92 | 33.7789 | 302.707292 | 26.71 | 33.6421 | 302.761111 | 26.88 | 33.4392 |
| 302.653819 | 26.91 | 33.7703 | 302.707639 | 26.72 | 33.6271 | 302.761458 | 26.88 | 33.4252 |
| 302.654167 | 26.91 | 33.7276 | 302.707986 | 26.72 | 33.613 | 302.761806 | 26.89 | 33.4476 |
| 302.654514 | 26.91 | 33.7182 | 302.708333 | 26.74 | 33.6252 | 302.762153 | 26.89 | 33.4196 |
| 302.654861 | 26.89 | 33.7152 | 302.708681 | 26.75 | 33.6243 | 302.7625 | 26.88 | 33.4625 |
| 302.655208 | 26.89 | 33.7437 | 302.709028 | 26.75 | 33.6431 | 302.762847 | 26.87 | 33.4168 |
| 302.655556 | 26.89 | 33.7911 | 302.709375 | 26.75 | 33.5821 | 302.763194 | 26.87 | 33.4447 |
| 302.655903 | 26.89 | 33.7626 | 302.709722 | 26.75 | 33.6055 | 302.763542 | 26.87 | 33.4587 |
| 302.65625 | 26.88 | 33.7446 | 302.710069 | 26.74 | 33.6535 | 302.763889 | 26.85 | 33.4187 |
| 302.656597 | 26.87 | 33.7265 | 302.710417 | 26.74 | 33.6018 | 302.764236 | 26.85 | 33.4326 |
| 302.656944 | 26.87 | 33.7123 | 302.710764 | 26.74 | 33.6252 | 302.764583 | 26.85 | 33.4699 |
| 302.657292 | 26.88 | 33.7067 | 302.711111 | 26.74 | 33.6018 | 302.764931 | 26.87 | 33.4308 |
| 302.657639 | 26.89 | 33.6869 | 302.711458 | 26.74 | 33.6111 | 302.765278 | 26.85 | 33.4559 |
| 302.657986 | 26.89 | 33.72 | 302.711806 | 26.74 | 33.6111 | 302.765625 | 26.85 | 33.4559 |
| 302.658333 | 26.89 | 33.7058 | 302.712153 | 26.74 | 33.5877 | 302.765972 | 26.85 | 33.4047 |
| 302.658681 | 26.88 | 33.7019 | 302.7125 | 26.75 | 33.6102 | 302.766319 | 26.87 | 33.4075 |
| 302.659028 | 26.88 | 33.7161 | 302.712847 | 26.75 | 33.5914 | 302.766667 | 26.87 | 33.4447 |
| 302.659375 | 26.88 | 33.7114 | 302.713194 | 26.75 | 33.6196 | 302.767014 | 26.85 | 33.4419 |
| 302.659722 | 26.89 | 33.7058 | 302.713542 | 26.75 | 33.629 | 302.767361 | 26.87 | 33.4168 |
| 302.660069 | 26.91 | 33.7087 | 302.713889 | 26.72 | 33.6224 | 302.767708 | 26.87 | 33.4308 |
| 302.660417 | 26.92 | 33.6511 | 302.714236 | 26.72 | 33.6224 | 302.768056 | 26.87 | 33.4215 |
| 302.660764 | 26.92 | 33.7125 | 302.714583 | 26.71 | 33.6374 | 302.768403 | 26.88 | 33.4485 |
| 302.661111 | 26.92 | 33.6464 | 302.714931 | 26.69 | 33.677 | 302.76875 | 26.89 | 33.4336 |
| 302.661458 | 26.94 | 33.6729 | 302.715278 | 26.69 | 33.6628 | 302.769097 | 26.88 | 33.4485 |
| 302.661806 | 26.94 | 33.6634 | 302.715625 | 26.69 | 33.6393 | 302.769444 | 26.89 | 33.4336 |
| 302.662153 | 26.94 | 33.6871 | 302.715972 | 26.68 | 33.6544 | 302.769792 | 26.91 | 33.4457 |
| 302.6625 | 26.94 | 33.6729 | 302.716319 | 26.66 | 33.6798 | 302.770139 | 26.91 | 33.4411 |
| 302.662847 | 26.94 | 33.6587 | 302.716667 | 26.68 | 33.6309 | 302.770486 | 26.92 | 33.4401 |
| 302.663194 | 26.95 | 33.6767 | 302.717014 | 26.68 | 33.6826 | 302.770833 | 26.92 | 33.4495 |
| 302.663542 | 26.95 | 33.6673 | 302.717361 | 26.68 | 33.645 | 302.771181 | 26.92 | 33.4262 |
| 302.663889 | 26.95 | 33.6673 | 302.717708 | 26.68 | 33.6309 | 302.771528 | 26.92 | 33.4122 |
| 302.664236 | 26.97 | 33.656 | 302.718056 | 26.68 | 33.6215 | 302.771875 | 26.92 | 33.389 |
| 302.664583 | 26.97 | 33.6419 | 302.718403 | 26.66 | 33.6562 | 302.772222 | 26.92 | 33.4401 |
| 302.664931 | 26.97 | 33.6655 | 302.71875 | 26.65 | 33.6713 | 302.772569 | 26.94 | 33.4011 |
| 302.665278 | 26.97 | 33.6277 | 302.719097 | 26.64 | 33.6299 | 302.772917 | 26.92 | 33.4262 |
| 302.665625 | 26.97 | 33.6607 | 302.719444 | 26.64 | 33.6534 | 302.773264 | 26.92 | 33.4122 |
| 302.665972 | 26.98 | 33.641 | 302.719792 | 26.62 | 33.6788 | 302.773611 | 26.92 | 33.4495 |
| 302.666319 | 26.98 | 33.6315 | 302.720139 | 26.62 | 33.6788 | 302.773958 | 26.92 | 33.4588 |
| 302.666667 | 26.98 | 33.6315 | 302.720486 | 26.62 | 33.6741 | 302.774306 | 26.92 | 33.4169 |
| 302.667014 | 26.98 | 33.608 | 302.720833 | 26.62 | 33.7024 | 302.774653 | 26.92 | 33.4495 |
| 302.667361 | 26.97 | 33.623 | 302.721181 | 26.62 | 33.6506 | 302.775 | 26.92 | 33.4355 |
| 302.667708 | 26.97 | 33.6371 | 302.721528 | 26.61 | 33.6704 | 302.775347 | 26.91 | 33.4317 |
| 302.668056 | 26.98 | 33.5797 | 302.721875 | 26.62 | 33.6788 | 302.775694 | 26.91 | 33.4411 |
| 302.668403 | 26.98 | 33.6315 | 302.722222 | 26.62 | 33.6647 | 302.776042 | 26.91 | 33.4411 |
| 302.66875 | 26.98 | 33.5938 | 302.722569 | 26.61 | 33.6939 | 302.776389 | 26.91 | 33.4411 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.669097 | 26.98 | 33.641 | 302.722917 | 26.61 | 33.661 | 302.776736 | 26.91 | 33.3806 |
| 302.669444 | 27 | 33.6156 | 302.723264 | 26.61 | 33.6469 | 302.777083 | 26.91 | 33.4178 |
| 302.669792 | 26.98 | 33.6646 | 302.723611 | 26.61 | 33.6704 | 302.777431 | 26.91 | 33.4178 |
| 302.670139 | 26.97 | 33.6466 | 302.723958 | 26.61 | 33.6563 | 302.777778 | 26.91 | 33.3806 |
| 302.670486 | 26.98 | 33.6268 | 302.724306 | 26.61 | 33.6704 | 302.778125 | 26.91 | 33.4271 |
| 302.670833 | 26.97 | 33.5947 | 302.724653 | 26.62 | 33.6647 | 302.778472 | 26.89 | 33.4382 |
| 302.671181 | 26.94 | 33.6351 | 302.725 | 26.61 | 33.6798 | 302.778819 | 26.89 | 33.4289 |
| 302.671528 | 26.94 | 33.6351 | 302.725347 | 26.61 | 33.6704 | 302.779167 | 26.89 | 33.4522 |
| 302.671875 | 26.97 | 33.6042 | 302.725694 | 26.61 | 33.6704 | 302.779514 | 26.91 | 33.3806 |
| 302.672222 | 26.92 | 33.6228 | 302.726042 | 26.62 | 33.6741 | 302.779861 | 26.89 | 33.4662 |
| 302.672569 | 26.92 | 33.6558 | 302.726389 | 26.62 | 33.6412 | 302.780208 | 26.89 | 33.4289 |
| 302.672917 | 26.92 | 33.6181 | 302.726736 | 26.62 | 33.6271 | 302.780556 | 26.88 | 33.4345 |
| 302.673264 | 26.91 | 33.6756 | 302.727083 | 26.62 | 33.6506 | 302.780903 | 26.88 | 33.4066 |
| 302.673611 | 26.88 | 33.6689 | 302.727431 | 26.61 | 33.6516 | 302.78125 | 26.88 | 33.3973 |
| 302.673958 | 26.85 | 33.7 | 302.727778 | 26.62 | 33.6741 | 302.781597 | 26.88 | 33.4345 |
| 302.674306 | 26.87 | 33.6698 | 302.728125 | 26.61 | 33.6187 | 302.781944 | 26.88 | 33.3973 |
| 302.674653 | 26.85 | 33.7094 | 302.728472 | 26.61 | 33.6798 | 302.782292 | 26.88 | 33.3834 |
| 302.675 | 26.84 | 33.6772 | 302.728819 | 26.62 | 33.6647 | 302.782639 | 26.88 | 33.4113 |
| 302.675347 | 26.82 | 33.6885 | 302.729167 | 26.61 | 33.6328 | 302.782986 | 26.87 | 33.4261 |
| 302.675694 | 26.82 | 33.6885 | 302.729514 | 26.61 | 33.6563 | 302.783333 | 26.87 | 33.4122 |
| 302.676042 | 26.88 | 33.6406 | 302.729861 | 26.61 | 33.6657 | 302.783681 | 26.85 | 33.414 |
| 302.676389 | 26.89 | 33.6632 | 302.730208 | 26.61 | 33.6798 | 302.784028 | 26.85 | 33.4233 |
| 302.676736 | 26.85 | 33.6575 | 302.730556 | 26.61 | 33.6657 | 302.784375 | 26.85 | 33.414 |
| 302.677083 | 26.82 | 33.6744 | 302.730903 | 26.61 | 33.6563 | 302.784722 | 26.84 | 33.4429 |
| 302.677431 | 26.82 | 33.6602 | 302.73125 | 26.61 | 33.6422 | 302.785069 | 26.84 | 33.4057 |
| 302.677778 | 26.79 | 33.6913 | 302.731597 | 26.61 | 33.6422 | 302.785417 | 26.84 | 33.4196 |
| 302.678125 | 26.78 | 33.6733 | 302.731944 | 26.61 | 33.6281 | 302.785764 | 26.82 | 33.4308 |
| 302.678472 | 26.77 | 33.712 | 302.732292 | 26.61 | 33.6798 | 302.786111 | 26.82 | 33.4401 |
| 302.678819 | 26.75 | 33.7375 | 302.732639 | 26.61 | 33.6187 | 302.786458 | 26.82 | 33.4401 |
| 302.679167 | 26.77 | 33.7499 | 302.732986 | 26.61 | 33.6657 | 302.786806 | 26.82 | 33.3936 |
| 302.679514 | 26.78 | 33.7064 | 302.733333 | 26.61 | 33.6046 | 302.787153 | 26.82 | 33.4168 |
| 302.679861 | 26.81 | 33.6894 | 302.733681 | 26.61 | 33.6281 | 302.7875 | 26.82 | 33.4168 |
| 302.680208 | 26.82 | 33.6602 | 302.734028 | 26.61 | 33.6281 | 302.787847 | 26.81 | 33.4457 |
| 302.680556 | 26.78 | 33.6309 | 302.734375 | 26.61 | 33.6422 | 302.788194 | 26.82 | 33.4401 |
| 302.680903 | 26.78 | 33.6686 | 302.734722 | 26.61 | 33.6281 | 302.788542 | 26.82 | 33.4075 |
| 302.68125 | 26.77 | 33.6648 | 302.735069 | 26.61 | 33.6657 | 302.788889 | 26.82 | 33.4168 |
| 302.681597 | 26.78 | 33.6828 | 302.735417 | 26.61 | 33.6422 | 302.789236 | 26.82 | 33.4447 |
| 302.681944 | 26.77 | 33.6884 | 302.735764 | 26.61 | 33.6657 | 302.789583 | 26.82 | 33.4168 |
| 302.682292 | 26.74 | 33.7432 | 302.736111 | 26.61 | 33.6516 | 302.789931 | 26.81 | 33.4224 |
| 302.682639 | 26.72 | 33.6883 | 302.736458 | 26.61 | 33.6751 | 302.790278 | 26.82 | 33.4168 |
| 302.682986 | 26.71 | 33.7317 | 302.736806 | 26.61 | 33.6516 | 302.790625 | 26.82 | 33.4308 |
| 302.683333 | 26.68 | 33.7629 | 302.737153 | 26.61 | 33.6892 | 302.790972 | 26.81 | 33.3992 |
| 302.683681 | 26.69 | 33.7053 | 302.7375 | 26.61 | 33.6422 | 302.791319 | 26.81 | 33.3853 |
| 302.684028 | 26.71 | 33.6987 | 302.737847 | 26.59 | 33.6253 | 302.791667 | 26.79 | 33.4475 |
| 302.684375 | 26.74 | 33.6535 | 302.738194 | 26.59 | 33.6535 | 302.792014 | 26.79 | 33.3964 |
| 302.684722 | 26.75 | 33.6714 | 302.738542 | 26.59 | 33.6629 | 302.792361 | 26.79 | 33.4336 |
| 302.685069 | 26.75 | 33.6808 | 302.738889 | 26.59 | 33.6488 | 302.792708 | 26.79 | 33.4336 |
| 302.685417 | 26.74 | 33.677 | 302.739236 | 26.59 | 33.6253 | 302.793056 | 26.79 | 33.4568 |
| 302.685764 | 26.71 | 33.694 | 302.739583 | 26.59 | 33.6864 | 302.793403 | 26.79 | 33.3964 |
| 302.686111 | 26.71 | 33.694 | 302.739931 | 26.59 | 33.6394 | 302.79375 | 26.79 | 33.4708 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.686458 | 26.69 | 33.7431 | 302.740278 | 26.59 | 33.677 | 302.794097 | 26.81 | 33.3992 |
| 302.686806 | 26.69 | 33.7289 | 302.740625 | 26.59 | 33.6253 | 302.794444 | 26.79 | 33.4568 |
| 302.687153 | 26.68 | 33.7204 | 302.740972 | 26.59 | 33.6723 | 302.794792 | 26.79 | 33.4336 |
| 302.6875 | 26.66 | 33.7175 | 302.741319 | 26.59 | 33.6394 | 302.795139 | 26.79 | 33.4057 |
| 302.687847 | 26.66 | 33.7222 | 302.741667 | 26.59 | 33.6864 | 302.795486 | 26.79 | 33.4336 |
| 302.688194 | 26.68 | 33.7204 | 302.742014 | 26.59 | 33.6253 | | | |

DPS6-3

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 303.259375 | 26.46 | 33.6745 | 303.35 | 26.25 | 33.5982 | 303.440625 | 26.32 | 33.6096 |
| 303.259722 | 26.52 | 33.6408 | 303.350347 | 26.25 | 33.589 | 303.440972 | 26.32 | 33.5497 |
| 303.260069 | 26.75 | 33.5724 | 303.350694 | 26.25 | 33.6351 | 303.441319 | 26.32 | 33.6466 |
| 303.260417 | 26.64 | 33.699 | 303.351042 | 26.25 | 33.5752 | 303.441667 | 26.32 | 33.5727 |
| 303.260764 | 26.78 | 33.6718 | 303.351389 | 26.25 | 33.5614 | 303.442014 | 26.32 | 33.6327 |
| 303.261111 | 26.89 | 33.55 | 303.351736 | 26.25 | 33.5522 | 303.442361 | 26.32 | 33.6096 |
| 303.261458 | 26.98 | 33.5001 | 303.352083 | 26.25 | 33.5614 | 303.442708 | 26.3 | 33.584 |
| 303.261806 | 27.07 | 33.4595 | 303.352431 | 26.25 | 33.589 | 303.443056 | 26.3 | 33.5702 |
| 303.262153 | 27.11 | 33.5067 | 303.352778 | 26.23 | 33.6095 | 303.443403 | 26.3 | 33.5748 |
| 303.2625 | 27.13 | 33.4494 | 303.353125 | 26.23 | 33.6187 | 303.44375 | 26.3 | 33.5978 |
| 303.262847 | 27.2 | 33.4477 | 303.353472 | 26.23 | 33.6325 | 303.444097 | 26.3 | 33.5609 |
| 303.263194 | 27.23 | 33.4358 | 303.353819 | 26.23 | 33.6233 | 303.444444 | 26.3 | 33.5886 |
| 303.263542 | 27.27 | 33.4693 | 303.354167 | 26.25 | 33.5844 | 303.444792 | 26.3 | 33.5886 |
| 303.263889 | 27.31 | 33.4426 | 303.354514 | 26.25 | 33.5614 | 303.445139 | 26.3 | 33.6255 |
| 303.264236 | 27.31 | 33.4657 | 303.354861 | 26.25 | 33.5982 | 303.445486 | 26.3 | 33.607 |
| 303.264583 | 27.34 | 33.3615 | 303.355208 | 26.25 | 33.5982 | 303.445833 | 26.29 | 33.5758 |
| 303.264931 | 27.34 | 33.3938 | 303.355556 | 26.25 | 33.5844 | 303.446181 | 26.29 | 33.6173 |
| 303.265278 | 27.34 | 33.38 | 303.355903 | 26.25 | 33.6444 | 303.446528 | 26.29 | 33.6034 |
| 303.265625 | 27.34 | 33.3018 | 303.35625 | 26.25 | 33.6213 | 303.446875 | 26.29 | 33.6034 |
| 303.265972 | 27.34 | 33.2972 | 303.356597 | 26.26 | 33.5788 | 303.447222 | 26.29 | 33.6265 |
| 303.266319 | 27.33 | 33.2889 | 303.356944 | 26.27 | 33.61 | 303.447569 | 26.29 | 33.5896 |
| 303.266667 | 27.33 | 33.2752 | 303.357292 | 26.27 | 33.5962 | 303.447917 | 26.29 | 33.5942 |
| 303.267014 | 27.33 | 33.2844 | 303.357639 | 26.27 | 33.61 | 303.448264 | 26.29 | 33.6173 |
| 303.267361 | 27.33 | 33.2706 | 303.357986 | 26.27 | 33.587 | 303.448611 | 26.29 | 33.6034 |
| 303.267708 | 27.36 | 33.2771 | 303.358333 | 26.29 | 33.585 | 303.448958 | 26.29 | 33.5896 |
| 303.268056 | 27.36 | 33.2634 | 303.358681 | 26.29 | 33.585 | 303.449306 | 26.29 | 33.5896 |
| 303.268403 | 27.36 | 33.2405 | 303.359028 | 26.29 | 33.585 | 303.449653 | 26.29 | 33.6404 |
| 303.26875 | 27.4 | 33.2736 | 303.359375 | 26.27 | 33.61 | 303.45 | 26.27 | 33.6147 |
| 303.269097 | 27.39 | 33.2653 | 303.359722 | 26.27 | 33.6008 | 303.450347 | 26.27 | 33.5778 |
| 303.269444 | 27.43 | 33.3123 | 303.360069 | 26.27 | 33.587 | 303.450694 | 26.27 | 33.6008 |
| 303.269792 | 27.44 | 33.2609 | 303.360417 | 26.27 | 33.564 | 303.451042 | 26.27 | 33.6008 |
| 303.270139 | 27.44 | 33.2335 | 303.360764 | 26.26 | 33.5926 | 303.451389 | 26.29 | 33.5666 |
| 303.270486 | 27.44 | 33.2884 | 303.361111 | 26.26 | 33.6157 | 303.451736 | 26.27 | 33.647 |
| 303.270833 | 27.46 | 33.3418 | 303.361458 | 26.26 | 33.6018 | 303.452083 | 26.27 | 33.6147 |
| 303.271181 | 27.46 | 33.3833 | 303.361806 | 26.26 | 33.6157 | 303.452431 | 26.27 | 33.6377 |
| 303.271528 | 27.44 | 33.3344 | 303.362153 | 26.27 | 33.6239 | 303.452778 | 26.29 | 33.5666 |
| 303.271875 | 27.33 | 33.3716 | 303.3625 | 26.27 | 33.587 | 303.453125 | 26.27 | 33.6008 |
| 303.272222 | 27.14 | 33.4855 | 303.362847 | 26.27 | 33.5594 | 303.453472 | 26.27 | 33.6377 |
| 303.272569 | 27.08 | 33.4678 | 303.363194 | 26.27 | 33.5962 | 303.453819 | 26.27 | 33.6008 |
| 303.272917 | 26.94 | 33.5222 | 303.363542 | 26.27 | 33.61 | 303.454167 | 26.27 | 33.5778 |
| 303.273264 | 26.91 | 33.5389 | 303.363889 | 26.29 | 33.5758 | 303.454514 | 26.27 | 33.6147 |
| 303.273611 | 26.91 | 33.525 | 303.364236 | 26.29 | 33.585 | 303.454861 | 26.27 | 33.6147 |
| 303.273958 | 26.88 | 33.4632 | 303.364583 | 26.3 | 33.5932 | 303.455208 | 26.27 | 33.6147 |
| 303.274306 | 26.87 | 33.4687 | 303.364931 | 26.3 | 33.6163 | 303.455556 | 26.29 | 33.5666 |
| 303.274653 | 26.85 | 33.5029 | 303.365278 | 26.32 | 33.582 | 303.455903 | 26.27 | 33.6147 |
| 303.275 | 26.84 | 33.5454 | 303.365625 | 26.32 | 33.5912 | 303.45625 | 26.27 | 33.6147 |
| 303.275347 | 26.78 | 33.5418 | 303.365972 | 26.32 | 33.605 | 303.456597 | 26.27 | 33.6147 |
| 303.275694 | 26.77 | 33.5104 | 303.366319 | 26.33 | 33.5994 | 303.456944 | 26.27 | 33.6008 |
| 303.276042 | 26.72 | 33.5152 | 303.366667 | 26.33 | 33.5994 | 303.457292 | 26.29 | 33.5896 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.276389 | 26.71 | 33.5438 | 303.367014 | 26.33 | 33.5625 | 303.457639 | 26.27 | 33.6377 |
| 303.276736 | 26.68 | 33.5144 | 303.367361 | 26.35 | 33.5744 | 303.457986 | 26.27 | 33.587 |
| 303.277083 | 26.61 | 33.5534 | 303.367708 | 26.36 | 33.5595 | 303.458333 | 26.27 | 33.5778 |
| 303.277431 | 26.61 | 33.5534 | 303.368056 | 26.36 | 33.5687 | 303.458681 | 26.27 | 33.564 |
| 303.277778 | 26.55 | 33.5592 | 303.368403 | 26.36 | 33.5826 | 303.459028 | 26.27 | 33.6285 |
| 303.278125 | 26.52 | 33.5483 | 303.36875 | 26.36 | 33.6287 | 303.459375 | 26.27 | 33.6147 |
| 303.278472 | 26.53 | 33.5427 | 303.369097 | 26.38 | 33.5944 | 303.459722 | 26.26 | 33.5972 |
| 303.278819 | 26.52 | 33.5622 | 303.369444 | 26.36 | 33.6195 | 303.460069 | 26.26 | 33.6064 |
| 303.279167 | 26.49 | 33.5052 | 303.369792 | 26.38 | 33.5806 | 303.460417 | 26.26 | 33.6203 |
| 303.279514 | 26.46 | 33.545 | 303.370139 | 26.38 | 33.6314 | 303.460764 | 26.26 | 33.6064 |
| 303.279861 | 26.46 | 33.522 | 303.370486 | 26.38 | 33.5806 | 303.461111 | 26.26 | 33.5972 |
| 303.280208 | 26.49 | 33.5513 | 303.370833 | 26.38 | 33.6314 | 303.461458 | 26.26 | 33.5926 |
| 303.280556 | 26.48 | 33.497 | 303.371181 | 26.38 | 33.6268 | 303.461806 | 26.26 | 33.5926 |
| 303.280903 | 26.43 | 33.502 | 303.371528 | 26.38 | 33.5944 | 303.462153 | 26.26 | 33.6064 |
| 303.28125 | 26.51 | 33.5033 | 303.371875 | 26.38 | 33.5806 | 303.4625 | 26.26 | 33.5972 |
| 303.281597 | 26.49 | 33.4914 | 303.372222 | 26.38 | 33.6175 | 303.462847 | 26.26 | 33.5834 |
| 303.281944 | 26.49 | 33.5282 | 303.372569 | 26.38 | 33.5806 | 303.463194 | 26.26 | 33.5926 |
| 303.282292 | 26.49 | 33.5282 | 303.372917 | 26.38 | 33.5575 | 303.463542 | 26.26 | 33.6434 |
| 303.282639 | 26.51 | 33.5493 | 303.373264 | 26.38 | 33.6037 | 303.463889 | 26.25 | 33.6351 |
| 303.282986 | 26.51 | 33.4665 | 303.373611 | 26.38 | 33.5852 | 303.464236 | 26.25 | 33.566 |
| 303.283333 | 26.51 | 33.5171 | 303.373958 | 26.38 | 33.5575 | 303.464583 | 26.25 | 33.5798 |
| 303.283681 | 26.49 | 33.4914 | 303.374306 | 26.38 | 33.5667 | 303.464931 | 26.25 | 33.6121 |
| 303.284028 | 26.49 | 33.5144 | 303.374653 | 26.38 | 33.6175 | 303.465278 | 26.25 | 33.5982 |
| 303.284375 | 26.49 | 33.5282 | 303.375 | 26.38 | 33.6175 | 303.465625 | 26.25 | 33.589 |
| 303.284722 | 26.49 | 33.542 | 303.375347 | 26.38 | 33.6037 | 303.465972 | 26.25 | 33.6259 |
| 303.285069 | 26.49 | 33.5144 | 303.375694 | 26.38 | 33.5714 | 303.466319 | 26.25 | 33.589 |
| 303.285417 | 26.49 | 33.4914 | 303.376042 | 26.38 | 33.6037 | 303.466667 | 26.25 | 33.566 |
| 303.285764 | 26.48 | 33.5338 | 303.376389 | 26.38 | 33.6037 | 303.467014 | 26.25 | 33.6351 |
| 303.286111 | 26.48 | 33.5476 | 303.376736 | 26.38 | 33.6175 | 303.467361 | 26.23 | 33.6095 |
| 303.286458 | 26.48 | 33.52 | 303.377083 | 26.38 | 33.5944 | 303.467708 | 26.23 | 33.6003 |
| 303.286806 | 26.51 | 33.5171 | 303.377431 | 26.38 | 33.5944 | 303.468056 | 26.23 | 33.5772 |
| 303.287153 | 26.51 | 33.5033 | 303.377778 | 26.38 | 33.5806 | 303.468403 | 26.23 | 33.6003 |
| 303.2875 | 26.43 | 33.525 | 303.378125 | 26.38 | 33.5806 | 303.46875 | 26.23 | 33.6603 |
| 303.287847 | 26.4 | 33.5187 | 303.378472 | 26.38 | 33.5806 | 303.469097 | 26.23 | 33.6003 |
| 303.288194 | 26.4 | 33.5417 | 303.378819 | 26.38 | 33.5944 | 303.469444 | 26.23 | 33.568 |
| 303.288542 | 26.39 | 33.5243 | 303.379167 | 26.38 | 33.6175 | 303.469792 | 26.23 | 33.5634 |
| 303.288889 | 26.39 | 33.5704 | 303.379514 | 26.36 | 33.6149 | 303.470139 | 26.22 | 33.6059 |
| 303.289236 | 26.4 | 33.5187 | 303.379861 | 26.38 | 33.6268 | 303.470486 | 26.23 | 33.5864 |
| 303.289583 | 26.42 | 33.5168 | 303.380208 | 26.38 | 33.6037 | 303.470833 | 26.22 | 33.6059 |
| 303.289931 | 26.43 | 33.5158 | 303.380556 | 26.38 | 33.6037 | 303.471181 | 26.22 | 33.5828 |
| 303.290278 | 26.42 | 33.5076 | 303.380903 | 26.36 | 33.5918 | 303.471528 | 26.22 | 33.5828 |
| 303.290625 | 26.43 | 33.5618 | 303.38125 | 26.38 | 33.5944 | 303.471875 | 26.22 | 33.6151 |
| 303.290972 | 26.45 | 33.5138 | 303.381597 | 26.38 | 33.6406 | 303.472222 | 26.22 | 33.6428 |
| 303.291319 | 26.42 | 33.5905 | 303.381944 | 26.38 | 33.5806 | 303.472569 | 26.22 | 33.6289 |
| 303.291667 | 26.42 | 33.5536 | 303.382292 | 26.36 | 33.638 | 303.472917 | 26.23 | 33.6003 |
| 303.292014 | 26.42 | 33.5674 | 303.382639 | 26.36 | 33.6149 | 303.473264 | 26.22 | 33.6059 |
| 303.292361 | 26.42 | 33.6043 | 303.382986 | 26.36 | 33.6287 | 303.473611 | 26.22 | 33.6059 |
| 303.292708 | 26.42 | 33.5674 | 303.383333 | 26.36 | 33.5549 | 303.473958 | 26.22 | 33.6151 |
| 303.293056 | 26.4 | 33.5648 | 303.383681 | 26.36 | 33.6056 | 303.474306 | 26.23 | 33.5772 |
| 303.293403 | 26.4 | 33.5648 | 303.384028 | 26.36 | 33.6287 | 303.474653 | 26.23 | 33.6003 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.29375 | 26.4 | 33.5786 | 303.384375 | 26.38 | 33.5944 | 303.475 | 26.22 | 33.5828 |
| 303.294097 | 26.4 | 33.5878 | 303.384722 | 26.38 | 33.6037 | 303.475347 | 26.22 | 33.6151 |
| 303.294444 | 26.4 | 33.5786 | 303.385069 | 26.38 | 33.6037 | 303.475694 | 26.22 | 33.6151 |
| 303.294792 | 26.39 | 33.5704 | 303.385417 | 26.38 | 33.6545 | 303.476042 | 26.22 | 33.5967 |
| 303.295139 | 26.4 | 33.5417 | 303.385764 | 26.38 | 33.5806 | 303.476389 | 26.22 | 33.6059 |
| 303.295486 | 26.4 | 33.5555 | 303.386111 | 26.38 | 33.5575 | 303.476736 | 26.22 | 33.5967 |
| 303.295833 | 26.4 | 33.5509 | 303.386458 | 26.38 | 33.6175 | 303.477083 | 26.22 | 33.6428 |
| 303.296181 | 26.4 | 33.6155 | 303.386806 | 26.38 | 33.5667 | 303.477431 | 26.22 | 33.6197 |
| 303.296528 | 26.4 | 33.5648 | 303.387153 | 26.38 | 33.6037 | 303.477778 | 26.22 | 33.6151 |
| 303.296875 | 26.4 | 33.5878 | 303.3875 | 26.38 | 33.5667 | 303.478125 | 26.22 | 33.5782 |
| 303.297222 | 26.4 | 33.6017 | 303.387847 | 26.38 | 33.6175 | 303.478472 | 26.22 | 33.6059 |
| 303.297569 | 26.4 | 33.5555 | 303.388194 | 26.38 | 33.5944 | 303.478819 | 26.22 | 33.569 |
| 303.297917 | 26.4 | 33.5509 | 303.388542 | 26.38 | 33.6268 | 303.479167 | 26.22 | 33.5921 |
| 303.298264 | 26.4 | 33.5878 | 303.388889 | 26.38 | 33.5806 | 303.479514 | 26.22 | 33.5921 |
| 303.298611 | 26.4 | 33.6017 | 303.389236 | 26.38 | 33.6268 | 303.479861 | 26.22 | 33.6428 |
| 303.298958 | 26.4 | 33.5786 | 303.389583 | 26.38 | 33.6129 | 303.480208 | 26.2 | 33.6264 |
| 303.299306 | 26.39 | 33.6073 | 303.389931 | 26.36 | 33.6149 | 303.480556 | 26.2 | 33.6079 |
| 303.299653 | 26.39 | 33.6165 | 303.390278 | 26.36 | 33.6056 | 303.480903 | 26.22 | 33.5828 |
| 303.3 | 26.39 | 33.5934 | 303.390625 | 26.36 | 33.5918 | 303.48125 | 26.2 | 33.6264 |
| 303.300347 | 26.39 | 33.5611 | 303.390972 | 26.36 | 33.6519 | 303.481597 | 26.2 | 33.6171 |
| 303.300694 | 26.38 | 33.599 | 303.391319 | 26.36 | 33.578 | 303.481944 | 26.2 | 33.6264 |
| 303.301042 | 26.39 | 33.5704 | 303.391667 | 26.36 | 33.578 | 303.482292 | 26.2 | 33.6171 |
| 303.301389 | 26.38 | 33.5621 | 303.392014 | 26.36 | 33.638 | 303.482639 | 26.2 | 33.6033 |
| 303.301736 | 26.38 | 33.5621 | 303.392361 | 26.36 | 33.6149 | 303.482986 | 26.2 | 33.5895 |
| 303.302083 | 26.36 | 33.5411 | 303.392708 | 26.36 | 33.5918 | 303.483333 | 26.2 | 33.5941 |
| 303.302431 | 26.36 | 33.6334 | 303.393056 | 26.36 | 33.6149 | 303.483681 | 26.2 | 33.6402 |
| 303.302778 | 26.36 | 33.5872 | 303.393403 | 26.36 | 33.6519 | 303.484028 | 26.2 | 33.6033 |
| 303.303125 | 26.36 | 33.6103 | 303.39375 | 26.36 | 33.578 | 303.484375 | 26.2 | 33.6033 |
| 303.303472 | 26.35 | 33.5697 | 303.394097 | 26.36 | 33.5549 | 303.484722 | 26.2 | 33.5665 |
| 303.303819 | 26.33 | 33.5948 | 303.394444 | 26.36 | 33.601 | 303.485069 | 26.22 | 33.5828 |
| 303.304167 | 26.35 | 33.6159 | 303.394792 | 26.36 | 33.601 | 303.485417 | 26.2 | 33.6402 |
| 303.304514 | 26.33 | 33.5579 | 303.395139 | 26.36 | 33.5918 | 303.485764 | 26.2 | 33.6033 |
| 303.304861 | 26.32 | 33.5635 | 303.395486 | 26.36 | 33.5918 | 303.486111 | 26.2 | 33.6033 |
| 303.305208 | 26.33 | 33.581 | 303.395833 | 26.36 | 33.5687 | 303.486458 | 26.2 | 33.6033 |
| 303.305556 | 26.33 | 33.5948 | 303.396181 | 26.36 | 33.5918 | 303.486806 | 26.2 | 33.5941 |
| 303.305903 | 26.33 | 33.5902 | 303.396528 | 26.36 | 33.578 | 303.487153 | 26.2 | 33.6033 |
| 303.30625 | 26.33 | 33.5902 | 303.396875 | 26.36 | 33.5411 | 303.4875 | 26.2 | 33.631 |
| 303.306597 | 26.32 | 33.5866 | 303.397222 | 26.36 | 33.6056 | 303.487847 | 26.2 | 33.5941 |
| 303.306944 | 26.32 | 33.6096 | 303.397569 | 26.36 | 33.601 | 303.488194 | 26.22 | 33.6151 |
| 303.307292 | 26.33 | 33.5671 | 303.397917 | 26.36 | 33.6149 | 303.488542 | 26.2 | 33.5803 |
| 303.307639 | 26.33 | 33.5441 | 303.398264 | 26.36 | 33.6056 | 303.488889 | 26.22 | 33.5921 |
| 303.307986 | 26.33 | 33.5579 | 303.398611 | 26.36 | 33.5918 | 303.489236 | 26.2 | 33.6171 |
| 303.308333 | 26.32 | 33.5866 | 303.398958 | 26.36 | 33.5641 | 303.489583 | 26.22 | 33.6428 |
| 303.308681 | 26.32 | 33.5866 | 303.399306 | 26.36 | 33.6241 | 303.489931 | 26.2 | 33.6033 |
| 303.309028 | 26.32 | 33.6004 | 303.399653 | 26.36 | 33.601 | 303.490278 | 26.2 | 33.6033 |
| 303.309375 | 26.32 | 33.5497 | 303.4 | 26.36 | 33.638 | 303.490625 | 26.2 | 33.6033 |
| 303.309722 | 26.32 | 33.5727 | 303.400347 | 26.36 | 33.601 | 303.490972 | 26.2 | 33.5665 |
| 303.310069 | 26.32 | 33.5866 | 303.400694 | 26.36 | 33.6149 | 303.491319 | 26.2 | 33.6264 |
| 303.310417 | 26.32 | 33.5727 | 303.401042 | 26.36 | 33.5918 | 303.491667 | 26.22 | 33.5921 |
| 303.310764 | 26.32 | 33.5866 | 303.401389 | 26.36 | 33.578 | 303.492014 | 26.2 | 33.6402 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.311111 | 26.32 | 33.6004 | 303.401736 | 26.36 | 33.5918 | 303.492361 | 26.2 | 33.631 |
| 303.311458 | 26.32 | 33.5359 | 303.402083 | 26.36 | 33.5918 | 303.492708 | 26.2 | 33.5895 |
| 303.311806 | 26.32 | 33.5359 | 303.402431 | 26.36 | 33.6149 | 303.493056 | 26.2 | 33.6171 |
| 303.312153 | 26.32 | 33.5635 | 303.402778 | 26.36 | 33.601 | 303.493403 | 26.2 | 33.5803 |
| 303.3125 | 26.32 | 33.6096 | 303.403125 | 26.36 | 33.6149 | 303.49375 | 26.2 | 33.5895 |
| 303.312847 | 26.32 | 33.5727 | 303.403472 | 26.36 | 33.6658 | 303.494097 | 26.2 | 33.6171 |
| 303.313194 | 26.32 | 33.5958 | 303.403819 | 26.36 | 33.5918 | 303.494444 | 26.2 | 33.5803 |
| 303.313542 | 26.32 | 33.5268 | 303.404167 | 26.36 | 33.6473 | 303.494792 | 26.2 | 33.6033 |
| 303.313889 | 26.3 | 33.5517 | 303.404514 | 26.36 | 33.5918 | 303.495139 | 26.2 | 33.6033 |
| 303.314236 | 26.3 | 33.5609 | 303.404861 | 26.36 | 33.6241 | 303.495486 | 26.2 | 33.6402 |
| 303.314583 | 26.3 | 33.5748 | 303.405208 | 26.36 | 33.601 | 303.495833 | 26.2 | 33.6033 |
| 303.314931 | 26.29 | 33.5804 | 303.405556 | 26.36 | 33.5687 | 303.496181 | 26.2 | 33.6264 |
| 303.315278 | 26.29 | 33.5896 | 303.405903 | 26.36 | 33.6149 | 303.496528 | 26.2 | 33.6171 |
| 303.315625 | 26.3 | 33.5609 | 303.40625 | 26.36 | 33.6056 | 303.496875 | 26.22 | 33.569 |
| 303.315972 | 26.3 | 33.5978 | 303.406597 | 26.36 | 33.638 | 303.497222 | 26.2 | 33.5895 |
| 303.316319 | 26.29 | 33.6034 | 303.406944 | 26.36 | 33.6149 | 303.497569 | 26.22 | 33.6289 |
| 303.316667 | 26.29 | 33.5804 | 303.407292 | 26.36 | 33.5918 | 303.497917 | 26.2 | 33.6033 |
| 303.317014 | 26.29 | 33.6126 | 303.407639 | 26.36 | 33.5918 | 303.498264 | 26.2 | 33.5803 |
| 303.317361 | 26.27 | 33.5778 | 303.407986 | 26.36 | 33.601 | 303.498611 | 26.22 | 33.5921 |
| 303.317708 | 26.26 | 33.5972 | 303.408333 | 26.36 | 33.601 | 303.498958 | 26.2 | 33.6402 |
| 303.318056 | 26.27 | 33.61 | 303.408681 | 26.36 | 33.5918 | 303.499306 | 26.2 | 33.5941 |
| 303.318403 | 26.26 | 33.6064 | 303.409028 | 26.36 | 33.601 | 303.499653 | 26.2 | 33.6356 |
| 303.31875 | 26.26 | 33.5466 | 303.409375 | 26.36 | 33.5549 | 303.5 | 26.2 | 33.6171 |
| 303.319097 | 26.26 | 33.5604 | 303.409722 | 26.36 | 33.5918 | 303.500347 | 26.2 | 33.5895 |
| 303.319444 | 26.25 | 33.6028 | 303.410069 | 26.36 | 33.5918 | 303.500694 | 26.2 | 33.6264 |
| 303.319792 | 26.25 | 33.5798 | 303.410417 | 26.36 | 33.6149 | 303.501042 | 26.2 | 33.5665 |
| 303.320139 | 26.25 | 33.5752 | 303.410764 | 26.36 | 33.601 | 303.501389 | 26.2 | 33.6171 |
| 303.320486 | 26.23 | 33.591 | 303.411111 | 26.36 | 33.601 | 303.501736 | 26.2 | 33.5895 |
| 303.320833 | 26.23 | 33.5864 | 303.411458 | 26.35 | 33.5974 | 303.502083 | 26.2 | 33.5895 |
| 303.321181 | 26.23 | 33.5772 | 303.411806 | 26.35 | 33.5836 | 303.502431 | 26.2 | 33.5665 |
| 303.321528 | 26.23 | 33.5634 | 303.412153 | 26.35 | 33.5744 | 303.502778 | 26.2 | 33.6033 |
| 303.321875 | 26.22 | 33.5967 | 303.4125 | 26.35 | 33.5974 | 303.503125 | 26.2 | 33.6171 |
| 303.322222 | 26.22 | 33.5598 | 303.412847 | 26.35 | 33.5836 | 303.503472 | 26.2 | 33.5895 |
| 303.322569 | 26.22 | 33.5828 | 303.413194 | 26.35 | 33.5836 | 303.503819 | 26.2 | 33.6033 |
| 303.322917 | 26.22 | 33.5461 | 303.413542 | 26.35 | 33.6344 | 303.504167 | 26.2 | 33.6033 |
| 303.323264 | 26.22 | 33.569 | 303.413889 | 26.35 | 33.5928 | 303.504514 | 26.2 | 33.6033 |
| 303.323611 | 26.22 | 33.5461 | 303.414236 | 26.35 | 33.5836 | 303.504861 | 26.2 | 33.5895 |
| 303.323958 | 26.2 | 33.5803 | 303.414583 | 26.35 | 33.5974 | 303.505208 | 26.2 | 33.5895 |
| 303.324306 | 26.2 | 33.5941 | 303.414931 | 26.35 | 33.6066 | 303.505556 | 26.2 | 33.5803 |
| 303.324653 | 26.2 | 33.6171 | 303.415278 | 26.35 | 33.5974 | 303.505903 | 26.2 | 33.6171 |
| 303.325 | 26.2 | 33.5711 | 303.415625 | 26.35 | 33.579 | 303.50625 | 26.2 | 33.6171 |
| 303.325347 | 26.2 | 33.5711 | 303.415972 | 26.35 | 33.6159 | 303.506597 | 26.2 | 33.5895 |
| 303.325694 | 26.2 | 33.5573 | 303.416319 | 26.35 | 33.6297 | 303.506944 | 26.2 | 33.5803 |
| 303.326042 | 26.2 | 33.5711 | 303.416667 | 26.35 | 33.5697 | 303.507292 | 26.2 | 33.6171 |
| 303.326389 | 26.2 | 33.5343 | 303.417014 | 26.35 | 33.5928 | 303.507639 | 26.2 | 33.6033 |
| 303.326736 | 26.2 | 33.5573 | 303.417361 | 26.35 | 33.6436 | 303.507986 | 26.2 | 33.5803 |
| 303.327083 | 26.2 | 33.5573 | 303.417708 | 26.35 | 33.6297 | 303.508333 | 26.2 | 33.6171 |
| 303.327431 | 26.2 | 33.5711 | 303.418056 | 26.35 | 33.5928 | 303.508681 | 26.2 | 33.5665 |
| 303.327778 | 26.2 | 33.5941 | 303.418403 | 26.35 | 33.5974 | 303.509028 | 26.2 | 33.6033 |
| 303.328125 | 26.19 | 33.5629 | 303.41875 | 26.35 | 33.5974 | 303.509375 | 26.2 | 33.5803 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.328472 | 26.2 | 33.5803 | 303.419097 | 26.35 | 33.6066 | 303.509722 | 26.2 | 33.5895 |
| 303.328819 | 26.2 | 33.5573 | 303.419444 | 26.35 | 33.6297 | 303.510069 | 26.2 | 33.6264 |
| 303.329167 | 26.2 | 33.5481 | 303.419792 | 26.35 | 33.5697 | 303.510417 | 26.2 | 33.5895 |
| 303.329514 | 26.22 | 33.5967 | 303.420139 | 26.33 | 33.6179 | 303.510764 | 26.2 | 33.5895 |
| 303.329861 | 26.22 | 33.5598 | 303.420486 | 26.35 | 33.6066 | 303.511111 | 26.2 | 33.5803 |
| 303.330208 | 26.22 | 33.5828 | 303.420833 | 26.35 | 33.5605 | 303.511458 | 26.2 | 33.6264 |
| 303.330556 | 26.22 | 33.5967 | 303.421181 | 26.35 | 33.5928 | 303.511806 | 26.2 | 33.5895 |
| 303.330903 | 26.22 | 33.5828 | 303.421528 | 26.35 | 33.6205 | 303.512153 | 26.2 | 33.5573 |
| 303.33125 | 26.22 | 33.6059 | 303.421875 | 26.35 | 33.6297 | 303.5125 | 26.2 | 33.6033 |
| 303.331597 | 26.23 | 33.5864 | 303.422222 | 26.35 | 33.6066 | 303.512847 | 26.2 | 33.6264 |
| 303.331944 | 26.23 | 33.5542 | 303.422569 | 26.35 | 33.6066 | 303.513194 | 26.2 | 33.6264 |
| 303.332292 | 26.23 | 33.5772 | 303.422917 | 26.33 | 33.6179 | 303.513542 | 26.2 | 33.5803 |
| 303.332639 | 26.23 | 33.6003 | 303.423264 | 26.35 | 33.5928 | 303.513889 | 26.2 | 33.6171 |
| 303.332986 | 26.23 | 33.5634 | 303.423611 | 26.35 | 33.5928 | 303.514236 | 26.2 | 33.6171 |
| 303.333333 | 26.23 | 33.5634 | 303.423958 | 26.35 | 33.5928 | 303.514583 | 26.2 | 33.6033 |
| 303.333681 | 26.23 | 33.6095 | 303.424306 | 26.35 | 33.5974 | 303.514931 | 26.2 | 33.6264 |
| 303.334028 | 26.22 | 33.5921 | 303.424653 | 26.35 | 33.5836 | 303.515278 | 26.2 | 33.5895 |
| 303.334375 | 26.22 | 33.6289 | 303.425 | 26.35 | 33.5697 | 303.515625 | 26.22 | 33.5553 |
| 303.334722 | 26.22 | 33.5598 | 303.425347 | 26.35 | 33.5836 | 303.515972 | 26.2 | 33.6264 |
| 303.335069 | 26.22 | 33.5921 | 303.425694 | 26.33 | 33.604 | 303.516319 | 26.2 | 33.6033 |
| 303.335417 | 26.22 | 33.5967 | 303.426042 | 26.35 | 33.5928 | 303.516667 | 26.2 | 33.6171 |
| 303.335764 | 26.22 | 33.5828 | 303.426389 | 26.35 | 33.5836 | 303.517014 | 26.2 | 33.6264 |
| 303.336111 | 26.22 | 33.569 | 303.426736 | 26.33 | 33.6179 | 303.517361 | 26.2 | 33.6033 |
| 303.336458 | 26.22 | 33.5828 | 303.427083 | 26.33 | 33.5948 | 303.517708 | 26.2 | 33.6171 |
| 303.336806 | 26.22 | 33.6059 | 303.427431 | 26.33 | 33.6271 | 303.518056 | 26.2 | 33.6171 |
| 303.337153 | 26.23 | 33.5634 | 303.427778 | 26.35 | 33.6159 | 303.518403 | 26.2 | 33.5757 |
| 303.3375 | 26.23 | 33.591 | 303.428125 | 26.35 | 33.5928 | 303.51875 | 26.2 | 33.5665 |
| 303.337847 | 26.25 | 33.589 | 303.428472 | 26.35 | 33.5928 | 303.519097 | 26.2 | 33.6033 |
| 303.338194 | 26.25 | 33.589 | 303.428819 | 26.33 | 33.604 | 303.519444 | 26.2 | 33.6033 |
| 303.338542 | 26.23 | 33.5772 | 303.429167 | 26.33 | 33.5671 | 303.519792 | 26.2 | 33.5895 |
| 303.338889 | 26.23 | 33.5772 | 303.429514 | 26.33 | 33.5902 | 303.520139 | 26.2 | 33.6171 |
| 303.339236 | 26.23 | 33.6141 | 303.429861 | 26.33 | 33.604 | 303.520486 | 26.2 | 33.6125 |
| 303.339583 | 26.23 | 33.5634 | 303.430208 | 26.33 | 33.6086 | 303.520833 | 26.2 | 33.6264 |
| 303.339931 | 26.22 | 33.5921 | 303.430556 | 26.33 | 33.5579 | 303.521181 | 26.2 | 33.5803 |
| 303.340278 | 26.22 | 33.5828 | 303.430903 | 26.33 | 33.5948 | 303.521528 | 26.2 | 33.5665 |
| 303.340625 | 26.22 | 33.5598 | 303.43125 | 26.33 | 33.5948 | 303.521875 | 26.2 | 33.5803 |
| 303.340972 | 26.22 | 33.5828 | 303.431597 | 26.35 | 33.5697 | 303.522222 | 26.2 | 33.6494 |
| 303.341319 | 26.22 | 33.5598 | 303.431944 | 26.33 | 33.581 | 303.522569 | 26.2 | 33.6125 |
| 303.341667 | 26.22 | 33.6151 | 303.432292 | 26.33 | 33.604 | 303.522917 | 26.2 | 33.6033 |
| 303.342014 | 26.22 | 33.569 | 303.432639 | 26.33 | 33.6179 | 303.523264 | 26.2 | 33.6033 |
| 303.342361 | 26.22 | 33.5828 | 303.432986 | 26.33 | 33.6179 | 303.523611 | 26.2 | 33.5895 |
| 303.342708 | 26.22 | 33.5921 | 303.433333 | 26.33 | 33.5948 | 303.523958 | 26.2 | 33.6033 |
| 303.343056 | 26.22 | 33.6197 | 303.433681 | 26.33 | 33.5349 | 303.524306 | 26.2 | 33.5895 |
| 303.343403 | 26.23 | 33.5496 | 303.434028 | 26.33 | 33.581 | 303.524653 | 26.2 | 33.6033 |
| 303.34375 | 26.23 | 33.5496 | 303.434375 | 26.32 | 33.6096 | 303.525 | 26.2 | 33.5573 |
| 303.344097 | 26.23 | 33.5405 | 303.434722 | 26.32 | 33.5866 | 303.525347 | 26.2 | 33.5665 |
| 303.344444 | 26.23 | 33.5772 | 303.435069 | 26.32 | 33.5727 | 303.525694 | 26.2 | 33.6033 |
| 303.344792 | 26.23 | 33.5634 | 303.435417 | 26.32 | 33.6096 | 303.526042 | 26.2 | 33.5895 |
| 303.345139 | 26.23 | 33.5772 | 303.435764 | 26.32 | 33.6096 | 303.526389 | 26.2 | 33.6125 |
| 303.345486 | 26.23 | 33.6003 | 303.436111 | 26.32 | 33.5866 | 303.526736 | 26.2 | 33.5895 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.345833 | 26.23 | 33.6003 | 303.436458 | 26.32 | 33.5727 | 303.527083 | 26.2 | 33.5757 |
| 303.346181 | 26.23 | 33.5726 | 303.436806 | 26.32 | 33.6096 | 303.527431 | 26.2 | 33.5803 |
| 303.346528 | 26.23 | 33.5864 | 303.437153 | 26.32 | 33.5774 | 303.527778 | 26.2 | 33.6171 |
| 303.346875 | 26.23 | 33.6003 | 303.4375 | 26.32 | 33.5866 | 303.528125 | 26.2 | 33.6033 |
| 303.347222 | 26.23 | 33.6095 | 303.437847 | 26.33 | 33.5902 | 303.528472 | 26.2 | 33.5895 |
| 303.347569 | 26.23 | 33.5772 | 303.438194 | 26.33 | 33.5671 | 303.528819 | 26.2 | 33.5665 |
| 303.347917 | 26.23 | 33.6095 | 303.438542 | 26.33 | 33.604 | 303.529167 | 26.2 | 33.5895 |
| 303.348264 | 26.23 | 33.5864 | 303.438889 | 26.33 | 33.604 | 303.529514 | 26.2 | 33.5803 |
| 303.348611 | 26.25 | 33.566 | 303.439236 | 26.33 | 33.6133 | 303.529861 | 26.2 | 33.5803 |
| 303.348958 | 26.25 | 33.5614 | 303.439583 | 26.33 | 33.604 | 303.530208 | 26.3 | 33.5196 |
| 303.349306 | 26.25 | 33.6213 | 303.439931 | 26.33 | 33.5441 | 303.530556 | 26.49 | 33.4273 |
| 303.349653 | 26.25 | 33.5522 | 303.440278 | 26.32 | 33.6096 | | | |

DPS7-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.686806 | 26.63 | 35.3574 | 302.748611 | 26.83 | 33.5943 | 302.810069 | 26.78 | 33.5795 |
| 302.687153 | 26.79 | 34.6821 | 302.748958 | 26.81 | 33.6035 | 302.810417 | 26.79 | 33.5396 |
| 302.6875 | 26.83 | 34.4591 | 302.749306 | 26.79 | 33.6079 | 302.810764 | 26.79 | 33.5584 |
| 302.687847 | 26.87 | 34.337 | 302.749653 | 26.78 | 33.6243 | 302.811111 | 26.81 | 33.554 |
| 302.688194 | 26.87 | 34.2571 | 302.75 | 26.74 | 33.6474 | 302.811458 | 26.81 | 33.5469 |
| 302.688542 | 26.89 | 34.1856 | 302.750347 | 26.74 | 33.6427 | 302.811806 | 26.81 | 33.561 |
| 302.688889 | 26.9 | 34.1438 | 302.750694 | 26.76 | 33.6382 | 302.812153 | 26.81 | 33.5587 |
| 302.689236 | 26.92 | 34.0852 | 302.751042 | 26.76 | 33.6501 | 302.8125 | 26.81 | 33.554 |
| 302.689583 | 26.92 | 34.0827 | 302.751389 | 26.74 | 33.6356 | 302.812847 | 26.81 | 33.5587 |
| 302.689931 | 26.91 | 34.0383 | 302.751736 | 26.74 | 33.6308 | 302.813194 | 26.81 | 33.554 |
| 302.690278 | 26.92 | 33.9946 | 302.752083 | 26.74 | 33.6427 | 302.813542 | 26.81 | 33.5657 |
| 302.690625 | 26.92 | 33.9848 | 302.752431 | 26.74 | 33.6474 | 302.813889 | 26.81 | 33.5469 |
| 302.690972 | 26.92 | 33.9458 | 302.752778 | 26.73 | 33.6449 | 302.814236 | 26.82 | 33.5612 |
| 302.691319 | 26.92 | 33.9434 | 302.753125 | 26.73 | 33.652 | 302.814583 | 26.81 | 33.5469 |
| 302.691667 | 26.91 | 33.9335 | 302.753472 | 26.73 | 33.652 | 302.814931 | 26.79 | 33.5631 |
| 302.692014 | 26.91 | 33.9141 | 302.753819 | 26.73 | 33.652 | 302.815278 | 26.79 | 33.5702 |
| 302.692361 | 26.91 | 33.8947 | 302.754167 | 26.73 | 33.6283 | 302.815625 | 26.79 | 33.5749 |
| 302.692708 | 26.9 | 33.892 | 302.754514 | 26.73 | 33.652 | 302.815972 | 26.81 | 33.5469 |
| 302.693056 | 26.9 | 33.8775 | 302.754861 | 26.73 | 33.6567 | 302.816319 | 26.81 | 33.554 |
| 302.693403 | 26.9 | 33.8703 | 302.755208 | 26.72 | 33.6448 | 302.816667 | 26.81 | 33.5422 |
| 302.69375 | 26.89 | 33.8508 | 302.755556 | 26.73 | 33.6354 | 302.817014 | 26.81 | 33.5422 |
| 302.694097 | 26.89 | 33.8556 | 302.755903 | 26.73 | 33.6567 | 302.817361 | 26.81 | 33.5375 |
| 302.694444 | 26.87 | 33.8624 | 302.75625 | 26.72 | 33.6495 | 302.817708 | 26.82 | 33.5329 |
| 302.694792 | 26.87 | 33.8624 | 302.756597 | 26.72 | 33.6566 | 302.818056 | 26.82 | 33.5376 |
| 302.695139 | 26.87 | 33.8504 | 302.756944 | 26.72 | 33.6377 | 302.818403 | 26.82 | 33.5494 |
| 302.695486 | 26.87 | 33.8239 | 302.757292 | 26.73 | 33.6402 | 302.81875 | 26.82 | 33.5376 |
| 302.695833 | 26.87 | 33.8239 | 302.757639 | 26.72 | 33.6329 | 302.819097 | 26.81 | 33.5422 |
| 302.696181 | 26.87 | 33.8239 | 302.757986 | 26.72 | 33.6495 | 302.819444 | 26.81 | 33.5422 |
| 302.696528 | 26.87 | 33.7998 | 302.758333 | 26.72 | 33.6448 | 302.819792 | 26.81 | 33.5351 |
| 302.696875 | 26.87 | 33.8094 | 302.758681 | 26.72 | 33.6329 | 302.820139 | 26.79 | 33.5513 |
| 302.697222 | 26.87 | 33.8094 | 302.759028 | 26.72 | 33.6282 | 302.820486 | 26.78 | 33.5512 |
| 302.697569 | 26.89 | 33.8002 | 302.759375 | 26.72 | 33.6377 | 302.820833 | 26.78 | 33.5512 |
| 302.697917 | 26.92 | 33.7864 | 302.759722 | 26.72 | 33.6448 | 302.821181 | 26.79 | 33.5396 |
| 302.698264 | 26.91 | 33.7646 | 302.760069 | 26.72 | 33.64 | 302.821528 | 26.81 | 33.5422 |
| 302.698611 | 26.91 | 33.7718 | 302.760417 | 26.72 | 33.6282 | 302.821875 | 26.81 | 33.5304 |
| 302.698958 | 26.91 | 33.7454 | 302.760764 | 26.72 | 33.6448 | 302.822222 | 26.81 | 33.5257 |
| 302.699306 | 26.92 | 33.748 | 302.761111 | 26.72 | 33.6211 | 302.822569 | 26.82 | 33.5095 |
| 302.699653 | 26.91 | 33.7335 | 302.761458 | 26.72 | 33.6282 | 302.822917 | 26.81 | 33.5304 |
| 302.7 | 26.92 | 33.7528 | 302.761806 | 26.73 | 33.652 | 302.823264 | 26.82 | 33.5259 |
| 302.700347 | 26.95 | 33.7318 | 302.762153 | 26.73 | 33.6639 | 302.823611 | 26.83 | 33.5331 |
| 302.700694 | 26.94 | 33.7197 | 302.7625 | 26.73 | 33.652 | 302.823958 | 26.83 | 33.5378 |
| 302.701042 | 26.95 | 33.7246 | 302.762847 | 26.72 | 33.6377 | 302.824306 | 26.83 | 33.5331 |
| 302.701389 | 26.94 | 33.7006 | 302.763194 | 26.72 | 33.6448 | 302.824653 | 26.85 | 33.4888 |
| 302.701736 | 26.9 | 33.7189 | 302.763542 | 26.72 | 33.6377 | 302.825 | 26.85 | 33.5192 |
| 302.702083 | 26.95 | 33.6817 | 302.763889 | 26.72 | 33.6377 | 302.825347 | 26.85 | 33.5404 |
| 302.702431 | 26.92 | 33.7265 | 302.764236 | 26.72 | 33.6377 | 302.825694 | 26.85 | 33.5052 |
| 302.702778 | 26.92 | 33.7193 | 302.764583 | 26.72 | 33.6258 | 302.826042 | 26.86 | 33.5194 |
| 302.703125 | 26.96 | 33.6938 | 302.764931 | 26.72 | 33.6211 | 302.826389 | 26.86 | 33.5006 |
| 302.703472 | 26.92 | 33.7265 | 302.765278 | 26.72 | 33.6329 | 302.826736 | 26.85 | 33.5005 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.703819 | 26.92 | 33.7074 | 302.765625 | 26.72 | 33.6613 | 302.827083 | 26.85 | 33.5052 |
| 302.704167 | 26.98 | 33.6608 | 302.765972 | 26.72 | 33.6377 | 302.827431 | 26.86 | 33.5311 |
| 302.704514 | 26.91 | 33.6929 | 302.766319 | 26.73 | 33.6402 | 302.827778 | 26.86 | 33.5123 |
| 302.704861 | 26.91 | 33.6857 | 302.766667 | 26.73 | 33.6165 | 302.828125 | 26.86 | 33.5006 |
| 302.705208 | 26.9 | 33.7166 | 302.767014 | 26.72 | 33.614 | 302.828472 | 26.86 | 33.5123 |
| 302.705556 | 26.94 | 33.6553 | 302.767361 | 26.72 | 33.6448 | 302.828819 | 26.86 | 33.5194 |
| 302.705903 | 26.92 | 33.6883 | 302.767708 | 26.72 | 33.6329 | 302.829167 | 26.85 | 33.5169 |
| 302.70625 | 26.92 | 33.6811 | 302.768056 | 26.72 | 33.6329 | 302.829514 | 26.85 | 33.5286 |
| 302.706597 | 26.94 | 33.6648 | 302.768403 | 26.72 | 33.6542 | 302.829861 | 26.86 | 33.5076 |
| 302.706944 | 26.94 | 33.6601 | 302.76875 | 26.72 | 33.6377 | 302.830208 | 26.87 | 33.5148 |
| 302.707292 | 26.92 | 33.674 | 302.769097 | 26.72 | 33.6377 | 302.830556 | 26.87 | 33.4961 |
| 302.707639 | 26.94 | 33.6529 | 302.769444 | 26.72 | 33.6211 | 302.830903 | 26.87 | 33.5266 |
| 302.707986 | 26.94 | 33.6482 | 302.769792 | 26.72 | 33.6495 | 302.83125 | 26.89 | 33.5104 |
| 302.708333 | 26.94 | 33.6529 | 302.770139 | 26.72 | 33.6211 | 302.831597 | 26.87 | 33.5078 |
| 302.708681 | 26.95 | 33.6412 | 302.770486 | 26.72 | 33.6329 | 302.831944 | 26.86 | 33.5241 |
| 302.709028 | 26.94 | 33.6411 | 302.770833 | 26.72 | 33.6211 | 302.832292 | 26.87 | 33.5125 |
| 302.709375 | 26.94 | 33.6529 | 302.771181 | 26.72 | 33.6211 | 302.832639 | 26.87 | 33.5031 |
| 302.709722 | 26.95 | 33.6294 | 302.771528 | 26.72 | 33.6329 | 302.832986 | 26.87 | 33.5148 |
| 302.710069 | 26.95 | 33.6246 | 302.771875 | 26.72 | 33.6377 | 302.833333 | 26.87 | 33.5148 |
| 302.710417 | 26.95 | 33.6175 | 302.772222 | 26.72 | 33.614 | 302.833681 | 26.89 | 33.5104 |
| 302.710764 | 26.95 | 33.6412 | 302.772569 | 26.72 | 33.6377 | 302.834028 | 26.89 | 33.494 |
| 302.711111 | 26.95 | 33.6412 | 302.772917 | 26.72 | 33.614 | 302.834375 | 26.89 | 33.494 |
| 302.711458 | 26.95 | 33.6412 | 302.773264 | 26.72 | 33.6211 | 302.834722 | 26.89 | 33.487 |
| 302.711806 | 26.95 | 33.6246 | 302.773611 | 26.72 | 33.6211 | 302.835069 | 26.87 | 33.5031 |
| 302.712153 | 26.94 | 33.6268 | 302.773958 | 26.72 | 33.6542 | 302.835417 | 26.89 | 33.4987 |
| 302.7125 | 26.95 | 33.6602 | 302.774306 | 26.72 | 33.6211 | 302.835764 | 26.89 | 33.5034 |
| 302.712847 | 26.95 | 33.6341 | 302.774653 | 26.72 | 33.6258 | 302.836111 | 26.89 | 33.4987 |
| 302.713194 | 26.94 | 33.6506 | 302.775 | 26.72 | 33.6258 | 302.836458 | 26.89 | 33.4823 |
| 302.713542 | 26.98 | 33.6038 | 302.775347 | 26.72 | 33.6306 | 302.836806 | 26.89 | 33.5222 |
| 302.713889 | 26.98 | 33.6323 | 302.775694 | 26.72 | 33.6211 | 302.837153 | 26.89 | 33.5151 |
| 302.714236 | 26.99 | 33.604 | 302.776042 | 26.72 | 33.6306 | 302.8375 | 26.89 | 33.5104 |
| 302.714583 | 26.96 | 33.6058 | 302.776389 | 26.72 | 33.6329 | 302.837847 | 26.89 | 33.5151 |
| 302.714931 | 26.96 | 33.5987 | 302.776736 | 26.72 | 33.6258 | 302.838194 | 26.89 | 33.5222 |
| 302.715278 | 26.96 | 33.6224 | 302.777083 | 26.72 | 33.6093 | 302.838542 | 26.87 | 33.5078 |
| 302.715625 | 26.95 | 33.6033 | 302.777431 | 26.72 | 33.6258 | 302.838889 | 26.87 | 33.536 |
| 302.715972 | 26.96 | 33.6224 | 302.777778 | 26.72 | 33.6258 | 302.839236 | 26.87 | 33.536 |
| 302.716319 | 26.95 | 33.6104 | 302.778125 | 26.72 | 33.6211 | 302.839583 | 26.87 | 33.5242 |
| 302.716667 | 26.95 | 33.6104 | 302.778472 | 26.72 | 33.6258 | 302.839931 | 26.87 | 33.5242 |
| 302.717014 | 26.95 | 33.6033 | 302.778819 | 26.72 | 33.6258 | 302.840278 | 26.89 | 33.494 |
| 302.717361 | 26.95 | 33.6223 | 302.779167 | 26.72 | 33.6424 | 302.840625 | 26.89 | 33.4987 |
| 302.717708 | 26.96 | 33.6177 | 302.779514 | 26.72 | 33.6306 | 302.840972 | 26.89 | 33.5034 |
| 302.718056 | 26.98 | 33.6133 | 302.779861 | 26.72 | 33.6306 | 302.841319 | 26.89 | 33.4916 |
| 302.718403 | 26.98 | 33.5778 | 302.780208 | 26.72 | 33.6424 | 302.841667 | 26.87 | 33.5195 |
| 302.71875 | 26.96 | 33.6272 | 302.780556 | 26.72 | 33.6306 | 302.842014 | 26.87 | 33.5031 |
| 302.719097 | 26.98 | 33.6133 | 302.780903 | 26.72 | 33.6187 | 302.842361 | 26.89 | 33.4916 |
| 302.719444 | 26.96 | 33.6058 | 302.78125 | 26.72 | 33.6258 | 302.842708 | 26.89 | 33.494 |
| 302.719792 | 26.95 | 33.6199 | 302.781597 | 26.72 | 33.6187 | 302.843056 | 26.89 | 33.4916 |
| 302.720139 | 26.95 | 33.6151 | 302.781944 | 26.72 | 33.6258 | 302.843403 | 26.87 | 33.5125 |
| 302.720486 | 26.95 | 33.6151 | 302.782292 | 26.72 | 33.614 | 302.84375 | 26.87 | 33.5195 |
| 302.720833 | 26.95 | 33.6199 | 302.782639 | 26.72 | 33.6377 | 302.844097 | 26.89 | 33.5222 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.721181 | 26.94 | 33.6197 | 302.782986 | 26.72 | 33.614 | 302.844444 | 26.89 | 33.5034 |
| 302.721528 | 26.92 | 33.6265 | 302.783333 | 26.72 | 33.6258 | 302.844792 | 26.87 | 33.4914 |
| 302.721875 | 26.92 | 33.6099 | 302.783681 | 26.72 | 33.6258 | 302.845139 | 26.87 | 33.5125 |
| 302.722222 | 26.92 | 33.6218 | 302.784028 | 26.7 | 33.6279 | 302.845486 | 26.89 | 33.487 |
| 302.722569 | 26.94 | 33.6079 | 302.784375 | 26.72 | 33.6258 | 302.845833 | 26.87 | 33.4961 |
| 302.722917 | 26.94 | 33.6008 | 302.784722 | 26.72 | 33.6306 | 302.846181 | 26.89 | 33.4823 |
| 302.723264 | 26.92 | 33.6099 | 302.785069 | 26.7 | 33.6279 | 302.846528 | 26.89 | 33.5104 |
| 302.723611 | 26.94 | 33.6126 | 302.785417 | 26.7 | 33.6161 | 302.846875 | 26.9 | 33.4894 |
| 302.723958 | 26.92 | 33.6194 | 302.785764 | 26.72 | 33.6187 | 302.847222 | 26.89 | 33.5104 |
| 302.724306 | 26.92 | 33.6146 | 302.786111 | 26.72 | 33.6377 | 302.847569 | 26.89 | 33.5151 |
| 302.724653 | 26.9 | 33.6191 | 302.786458 | 26.72 | 33.6258 | 302.847917 | 26.89 | 33.494 |
| 302.725 | 26.91 | 33.6382 | 302.786806 | 26.72 | 33.614 | 302.848264 | 26.9 | 33.4871 |
| 302.725347 | 26.9 | 33.6191 | 302.787153 | 26.72 | 33.6258 | 302.848611 | 26.89 | 33.5034 |
| 302.725694 | 26.89 | 33.6284 | 302.7875 | 26.72 | 33.6187 | 302.848958 | 26.89 | 33.4987 |
| 302.726042 | 26.89 | 33.6355 | 302.787847 | 26.72 | 33.6069 | 302.849306 | 26.89 | 33.4987 |
| 302.726389 | 26.89 | 33.6236 | 302.788194 | 26.72 | 33.6306 | 302.849653 | 26.87 | 33.5195 |
| 302.726736 | 26.89 | 33.6236 | 302.788542 | 26.7 | 33.6587 | 302.85 | 26.87 | 33.5078 |
| 302.727083 | 26.89 | 33.6165 | 302.788889 | 26.72 | 33.6258 | 302.850347 | 26.87 | 33.5031 |
| 302.727431 | 26.89 | 33.6355 | 302.789236 | 26.7 | 33.6398 | 302.850694 | 26.89 | 33.4706 |
| 302.727778 | 26.89 | 33.6474 | 302.789583 | 26.72 | 33.6258 | 302.851042 | 26.87 | 33.5078 |
| 302.728125 | 26.9 | 33.6167 | 302.789931 | 26.7 | 33.635 | 302.851389 | 26.86 | 33.5123 |
| 302.728472 | 26.91 | 33.6003 | 302.790278 | 26.7 | 33.6279 | 302.851736 | 26.87 | 33.5125 |
| 302.728819 | 26.91 | 33.5955 | 302.790625 | 26.7 | 33.6232 | 302.852083 | 26.86 | 33.5123 |
| 302.729167 | 26.91 | 33.5955 | 302.790972 | 26.7 | 33.6279 | 302.852431 | 26.86 | 33.5241 |
| 302.729514 | 26.91 | 33.6192 | 302.791319 | 26.7 | 33.635 | 302.852778 | 26.87 | 33.5125 |
| 302.729861 | 26.89 | 33.6118 | 302.791667 | 26.7 | 33.6279 | 302.853125 | 26.87 | 33.4914 |
| 302.730208 | 26.9 | 33.6001 | 302.792014 | 26.7 | 33.6279 | 302.853472 | 26.86 | 33.5123 |
| 302.730556 | 26.89 | 33.6094 | 302.792361 | 26.7 | 33.6232 | 302.853819 | 26.86 | 33.5076 |
| 302.730903 | 26.89 | 33.5976 | 302.792708 | 26.7 | 33.6161 | 302.854167 | 26.87 | 33.5078 |
| 302.73125 | 26.89 | 33.6094 | 302.793056 | 26.7 | 33.6279 | 302.854514 | 26.86 | 33.4959 |
| 302.731597 | 26.89 | 33.5976 | 302.793403 | 26.7 | 33.635 | 302.854861 | 26.86 | 33.517 |
| 302.731944 | 26.87 | 33.6067 | 302.79375 | 26.7 | 33.6161 | 302.855208 | 26.86 | 33.5123 |
| 302.732292 | 26.87 | 33.6186 | 302.794097 | 26.7 | 33.635 | 302.855556 | 26.85 | 33.5169 |
| 302.732639 | 26.85 | 33.6041 | 302.794444 | 26.7 | 33.6398 | 302.855903 | 26.85 | 33.5122 |
| 302.732986 | 26.82 | 33.6415 | 302.794792 | 26.7 | 33.6232 | 302.85625 | 26.86 | 33.5076 |
| 302.733333 | 26.82 | 33.6368 | 302.795139 | 26.7 | 33.635 | 302.856597 | 26.86 | 33.4936 |
| 302.733681 | 26.82 | 33.6368 | 302.795486 | 26.7 | 33.6232 | 302.856944 | 26.86 | 33.5076 |
| 302.734028 | 26.83 | 33.644 | 302.795833 | 26.7 | 33.635 | 302.857292 | 26.86 | 33.5006 |
| 302.734375 | 26.83 | 33.6369 | 302.796181 | 26.7 | 33.6279 | 302.857639 | 26.87 | 33.5078 |
| 302.734722 | 26.85 | 33.623 | 302.796528 | 26.7 | 33.6232 | 302.857986 | 26.86 | 33.5123 |
| 302.735069 | 26.85 | 33.623 | 302.796875 | 26.7 | 33.6279 | 302.858333 | 26.85 | 33.4981 |
| 302.735417 | 26.85 | 33.623 | 302.797222 | 26.7 | 33.6398 | 302.858681 | 26.85 | 33.5216 |
| 302.735764 | 26.85 | 33.6277 | 302.797569 | 26.7 | 33.6327 | 302.859028 | 26.85 | 33.5169 |
| 302.736111 | 26.85 | 33.623 | 302.797917 | 26.7 | 33.6161 | 302.859375 | 26.85 | 33.5052 |
| 302.736458 | 26.85 | 33.6159 | 302.798264 | 26.7 | 33.635 | 302.859722 | 26.83 | 33.526 |
| 302.736806 | 26.85 | 33.6277 | 302.798611 | 26.7 | 33.6279 | 302.860069 | 26.85 | 33.5333 |
| 302.737153 | 26.86 | 33.6113 | 302.798958 | 26.7 | 33.6232 | 302.860417 | 26.85 | 33.5099 |
| 302.7375 | 26.85 | 33.6159 | 302.799306 | 26.7 | 33.6279 | 302.860764 | 26.85 | 33.5216 |
| 302.737847 | 26.83 | 33.6417 | 302.799653 | 26.7 | 33.6161 | 302.861111 | 26.85 | 33.5216 |
| 302.738194 | 26.81 | 33.6295 | 302.8 | 26.7 | 33.6469 | 302.861458 | 26.83 | 33.5072 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.738542 | 26.82 | 33.6415 | 302.800347 | 26.7 | 33.6208 | 302.861806 | 26.83 | 33.5072 |
| 302.738889 | 26.81 | 33.6295 | 302.800694 | 26.72 | 33.6069 | 302.862153 | 26.85 | 33.5099 |
| 302.739236 | 26.83 | 33.6132 | 302.801042 | 26.72 | 33.6258 | 302.8625 | 26.85 | 33.5169 |
| 302.739583 | 26.85 | 33.623 | 302.801389 | 26.74 | 33.5978 | 302.862847 | 26.85 | 33.5216 |
| 302.739931 | 26.86 | 33.6066 | 302.801736 | 26.76 | 33.5957 | 302.863194 | 26.83 | 33.519 |
| 302.740278 | 26.85 | 33.6112 | 302.802083 | 26.77 | 33.5793 | 302.863542 | 26.83 | 33.519 |
| 302.740625 | 26.86 | 33.5924 | 302.802431 | 26.77 | 33.5793 | 302.863889 | 26.83 | 33.5307 |
| 302.740972 | 26.86 | 33.6161 | 302.802778 | 26.76 | 33.5839 | 302.864236 | 26.83 | 33.5143 |
| 302.741319 | 26.85 | 33.6112 | 302.803125 | 26.76 | 33.5839 | 302.864583 | 26.83 | 33.5143 |
| 302.741667 | 26.83 | 33.6132 | 302.803472 | 26.76 | 33.5957 | 302.864931 | 26.83 | 33.5143 |
| 302.742014 | 26.83 | 33.6369 | 302.803819 | 26.74 | 33.5813 | 302.865278 | 26.82 | 33.5306 |
| 302.742361 | 26.81 | 33.6271 | 302.804167 | 26.74 | 33.5742 | 302.865625 | 26.83 | 33.519 |
| 302.742708 | 26.82 | 33.606 | 302.804514 | 26.74 | 33.5931 | 302.865972 | 26.83 | 33.526 |
| 302.743056 | 26.83 | 33.6251 | 302.804861 | 26.74 | 33.5931 | 302.866319 | 26.83 | 33.5072 |
| 302.743403 | 26.85 | 33.6206 | 302.805208 | 26.74 | 33.5931 | 302.866667 | 26.82 | 33.5118 |
| 302.74375 | 26.85 | 33.6088 | 302.805556 | 26.74 | 33.5931 | 302.867014 | 26.82 | 33.5235 |
| 302.744097 | 26.85 | 33.5923 | 302.805903 | 26.74 | 33.5789 | 302.867361 | 26.83 | 33.5354 |
| 302.744444 | 26.86 | 33.5759 | 302.80625 | 26.74 | 33.5931 | 302.867708 | 26.83 | 33.526 |
| 302.744792 | 26.85 | 33.5923 | 302.806597 | 26.74 | 33.5813 | 302.868056 | 26.82 | 33.5235 |
| 302.745139 | 26.83 | 33.6132 | 302.806944 | 26.74 | 33.5813 | 302.868403 | 26.82 | 33.5071 |
| 302.745486 | 26.83 | 33.6132 | 302.807292 | 26.74 | 33.5907 | 302.86875 | 26.82 | 33.5353 |
| 302.745833 | 26.85 | 33.5923 | 302.807639 | 26.74 | 33.586 | 302.869097 | 26.82 | 33.5306 |
| 302.746181 | 26.83 | 33.6132 | 302.807986 | 26.74 | 33.5624 | 302.869444 | 26.82 | 33.5235 |
| 302.746528 | 26.83 | 33.5943 | 302.808333 | 26.74 | 33.5931 | 302.869792 | 26.82 | 33.5423 |
| 302.746875 | 26.83 | 33.5943 | 302.808681 | 26.76 | 33.6004 | 302.870139 | 26.82 | 33.5306 |
| 302.747222 | 26.85 | 33.597 | 302.809028 | 26.76 | 33.5721 | 302.870486 | 26.82 | 33.5306 |
| 302.747569 | 26.85 | 33.5923 | 302.809375 | 26.76 | 33.5721 | 302.870833 | 26.81 | 33.5469 |
| 302.747917 | 26.83 | 33.6014 | 302.809722 | 26.77 | 33.5793 | 302.871181 | 26.81 | 33.5234 |
| 302.748264 | 26.82 | 33.6225 | | | | | | |

DPS7-2

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 303.155208 | 26.86 | 33.6641 | 303.237847 | 26.38 | 33.6774 | 303.320486 | 26.47 | 33.6923 |
| 303.155556 | 26.82 | 33.64 | 303.238194 | 26.35 | 33.7076 | 303.320833 | 26.47 | 33.7087 |
| 303.155903 | 26.94 | 33.5572 | 303.238542 | 26.35 | 33.7029 | 303.321181 | 26.47 | 33.6969 |
| 303.15625 | 26.91 | 33.5404 | 303.238889 | 26.37 | 33.689 | 303.321528 | 26.47 | 33.7205 |
| 303.156597 | 26.92 | 33.5429 | 303.239236 | 26.35 | 33.6912 | 303.321875 | 26.47 | 33.6969 |
| 303.156944 | 26.82 | 33.5696 | 303.239583 | 26.34 | 33.7028 | 303.322222 | 26.47 | 33.6993 |
| 303.157292 | 26.78 | 33.6113 | 303.239931 | 26.33 | 33.7004 | 303.322569 | 26.47 | 33.7205 |
| 303.157639 | 26.77 | 33.6182 | 303.240278 | 26.33 | 33.7192 | 303.322917 | 26.46 | 33.7039 |
| 303.157986 | 26.83 | 33.5674 | 303.240625 | 26.31 | 33.6932 | 303.323264 | 26.46 | 33.7133 |
| 303.158333 | 26.98 | 33.4761 | 303.240972 | 26.3 | 33.7095 | 303.323611 | 26.47 | 33.7087 |
| 303.158681 | 27.02 | 33.4627 | 303.241319 | 26.29 | 33.7071 | 303.323958 | 26.46 | 33.7086 |
| 303.159028 | 27 | 33.4764 | 303.241667 | 26.27 | 33.7116 | 303.324306 | 26.47 | 33.7275 |
| 303.159375 | 26.94 | 33.5082 | 303.242014 | 26.27 | 33.7234 | 303.324653 | 26.46 | 33.6922 |
| 303.159722 | 26.86 | 33.5445 | 303.242361 | 26.26 | 33.7163 | 303.325 | 26.47 | 33.7322 |
| 303.160069 | 26.87 | 33.5399 | 303.242708 | 26.26 | 33.728 | 303.325347 | 26.46 | 33.7251 |
| 303.160417 | 26.92 | 33.5172 | 303.243056 | 26.25 | 33.7373 | 303.325694 | 26.47 | 33.7087 |
| 303.160764 | 26.95 | 33.5013 | 303.243403 | 26.25 | 33.7209 | 303.326042 | 26.46 | 33.7251 |
| 303.161111 | 26.99 | 33.4949 | 303.24375 | 26.2 | 33.7393 | 303.326389 | 26.46 | 33.7086 |
| 303.161458 | 27.05 | 33.4329 | 303.244097 | 26.21 | 33.7159 | 303.326736 | 26.46 | 33.7086 |
| 303.161806 | 27.07 | 33.4285 | 303.244444 | 26.2 | 33.7323 | 303.327083 | 26.46 | 33.7321 |
| 303.162153 | 27.07 | 33.4007 | 303.244792 | 26.2 | 33.744 | 303.327431 | 26.46 | 33.7321 |
| 303.1625 | 27.03 | 33.4535 | 303.245139 | 26.2 | 33.7158 | 303.327778 | 26.46 | 33.7133 |
| 303.162847 | 27 | 33.4717 | 303.245486 | 26.2 | 33.7323 | 303.328125 | 26.46 | 33.7086 |
| 303.163194 | 26.96 | 33.4945 | 303.245833 | 26.2 | 33.7393 | 303.328472 | 26.46 | 33.7204 |
| 303.163542 | 26.89 | 33.5215 | 303.246181 | 26.2 | 33.7323 | 303.328819 | 26.46 | 33.7133 |
| 303.163889 | 26.87 | 33.5236 | 303.246528 | 26.21 | 33.7276 | 303.329167 | 26.46 | 33.7133 |
| 303.164236 | 26.87 | 33.5352 | 303.246875 | 26.18 | 33.7415 | 303.329514 | 26.46 | 33.7086 |
| 303.164583 | 26.91 | 33.5054 | 303.247222 | 26.18 | 33.7251 | 303.329861 | 26.46 | 33.7015 |
| 303.164931 | 26.91 | 33.5008 | 303.247569 | 26.17 | 33.7579 | 303.330208 | 26.46 | 33.7086 |
| 303.165278 | 26.91 | 33.5171 | 303.247917 | 26.17 | 33.7414 | 303.330556 | 26.46 | 33.6968 |
| 303.165625 | 26.91 | 33.5101 | 303.248264 | 26.17 | 33.7367 | 303.330903 | 26.46 | 33.7133 |
| 303.165972 | 26.82 | 33.5463 | 303.248611 | 26.17 | 33.7414 | 303.33125 | 26.46 | 33.7086 |
| 303.166319 | 26.82 | 33.5463 | 303.248958 | 26.16 | 33.7508 | 303.331597 | 26.46 | 33.7133 |
| 303.166667 | 26.81 | 33.5392 | 303.249306 | 26.16 | 33.7508 | 303.331944 | 26.46 | 33.7251 |
| 303.167014 | 26.79 | 33.5646 | 303.249653 | 26.16 | 33.739 | 303.332292 | 26.46 | 33.7086 |
| 303.167361 | 26.73 | 33.5919 | 303.25 | 26.16 | 33.739 | 303.332639 | 26.46 | 33.6968 |
| 303.167708 | 26.74 | 33.571 | 303.250347 | 26.14 | 33.7553 | 303.332986 | 26.46 | 33.7133 |
| 303.168056 | 26.73 | 33.5919 | 303.250694 | 26.13 | 33.7365 | 303.333333 | 26.46 | 33.6968 |
| 303.168403 | 26.7 | 33.6056 | 303.251042 | 26.13 | 33.7717 | 303.333681 | 26.46 | 33.7251 |
| 303.16875 | 26.69 | 33.5821 | 303.251389 | 26.13 | 33.7482 | 303.334028 | 26.46 | 33.7251 |
| 303.169097 | 26.68 | 33.6031 | 303.251736 | 26.13 | 33.7318 | 303.334375 | 26.46 | 33.6851 |
| 303.169444 | 26.65 | 33.6074 | 303.252083 | 26.13 | 33.7647 | 303.334722 | 26.46 | 33.7133 |
| 303.169792 | 26.63 | 33.6095 | 303.252431 | 26.13 | 33.7647 | 303.335069 | 26.46 | 33.7204 |
| 303.170139 | 26.63 | 33.6165 | 303.252778 | 26.12 | 33.7529 | 303.335417 | 26.46 | 33.7133 |
| 303.170486 | 26.63 | 33.6095 | 303.253125 | 26.12 | 33.7411 | 303.335764 | 26.46 | 33.7133 |
| 303.170833 | 26.61 | 33.6351 | 303.253472 | 26.12 | 33.7411 | 303.336111 | 26.44 | 33.7178 |
| 303.171181 | 26.61 | 33.6421 | 303.253819 | 26.12 | 33.7529 | 303.336458 | 26.46 | 33.6968 |
| 303.171528 | 26.61 | 33.614 | 303.254167 | 26.12 | 33.7364 | 303.336806 | 26.44 | 33.7178 |
| 303.171875 | 26.61 | 33.6304 | 303.254514 | 26.12 | 33.7482 | 303.337153 | 26.44 | 33.7178 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.172222 | 26.63 | 33.6376 | 303.254861 | 26.12 | 33.7529 | 303.3375 | 26.44 | 33.7296 |
| 303.172569 | 26.61 | 33.6187 | 303.255208 | 26.12 | 33.7529 | 303.337847 | 26.44 | 33.7225 |
| 303.172917 | 26.61 | 33.607 | 303.255556 | 26.11 | 33.7692 | 303.338194 | 26.44 | 33.7225 |
| 303.173264 | 26.61 | 33.6187 | 303.255903 | 26.12 | 33.7482 | 303.338542 | 26.44 | 33.7178 |
| 303.173611 | 26.64 | 33.605 | 303.25625 | 26.12 | 33.7599 | 303.338889 | 26.44 | 33.7225 |
| 303.173958 | 26.6 | 33.6349 | 303.256597 | 26.12 | 33.7646 | 303.339236 | 26.44 | 33.7178 |
| 303.174306 | 26.63 | 33.6212 | 303.256944 | 26.12 | 33.7576 | 303.339583 | 26.44 | 33.7108 |
| 303.174653 | 26.65 | 33.5957 | 303.257292 | 26.13 | 33.7717 | 303.339931 | 26.44 | 33.7178 |
| 303.175 | 26.66 | 33.6075 | 303.257639 | 26.13 | 33.7529 | 303.340278 | 26.44 | 33.7343 |
| 303.175347 | 26.65 | 33.6121 | 303.257986 | 26.13 | 33.7553 | 303.340625 | 26.44 | 33.7225 |
| 303.175694 | 26.66 | 33.6005 | 303.258333 | 26.13 | 33.7482 | 303.340972 | 26.44 | 33.7296 |
| 303.176042 | 26.65 | 33.5887 | 303.258681 | 26.13 | 33.76 | 303.341319 | 26.44 | 33.7296 |
| 303.176389 | 26.64 | 33.5979 | 303.259028 | 26.16 | 33.7343 | 303.341667 | 26.44 | 33.7225 |
| 303.176736 | 26.61 | 33.6421 | 303.259375 | 26.17 | 33.7461 | 303.342014 | 26.44 | 33.7343 |
| 303.177083 | 26.63 | 33.6025 | 303.259722 | 26.14 | 33.7553 | 303.342361 | 26.44 | 33.7225 |
| 303.177431 | 26.63 | 33.6142 | 303.260069 | 26.17 | 33.7344 | 303.342708 | 26.44 | 33.7108 |
| 303.177778 | 26.61 | 33.6187 | 303.260417 | 26.14 | 33.7671 | 303.343056 | 26.44 | 33.7061 |
| 303.178125 | 26.61 | 33.607 | 303.260764 | 26.13 | 33.76 | 303.343403 | 26.44 | 33.7178 |
| 303.178472 | 26.6 | 33.6279 | 303.261111 | 26.14 | 33.7506 | 303.34375 | 26.44 | 33.7343 |
| 303.178819 | 26.59 | 33.6114 | 303.261458 | 26.13 | 33.7482 | 303.344097 | 26.44 | 33.7225 |
| 303.179167 | 26.59 | 33.6325 | 303.261806 | 26.13 | 33.7529 | 303.344444 | 26.44 | 33.7178 |
| 303.179514 | 26.57 | 33.6534 | 303.262153 | 26.12 | 33.7529 | 303.344792 | 26.44 | 33.7225 |
| 303.179861 | 26.59 | 33.6161 | 303.2625 | 26.13 | 33.7412 | 303.345139 | 26.43 | 33.7271 |
| 303.180208 | 26.57 | 33.6534 | 303.262847 | 26.14 | 33.7483 | 303.345486 | 26.44 | 33.7414 |
| 303.180556 | 26.57 | 33.6534 | 303.263194 | 26.13 | 33.7529 | 303.345833 | 26.44 | 33.7108 |
| 303.180903 | 26.59 | 33.6161 | 303.263542 | 26.13 | 33.7529 | 303.346181 | 26.44 | 33.7108 |
| 303.18125 | 26.57 | 33.6534 | 303.263889 | 26.13 | 33.7647 | 303.346528 | 26.44 | 33.7178 |
| 303.181597 | 26.59 | 33.6442 | 303.264236 | 26.13 | 33.7482 | 303.346875 | 26.44 | 33.7414 |
| 303.181944 | 26.59 | 33.6161 | 303.264583 | 26.13 | 33.76 | 303.347222 | 26.44 | 33.7414 |
| 303.182292 | 26.6 | 33.6279 | 303.264931 | 26.14 | 33.7718 | 303.347569 | 26.44 | 33.699 |
| 303.182639 | 26.6 | 33.6232 | 303.265278 | 26.16 | 33.7508 | 303.347917 | 26.44 | 33.7108 |
| 303.182986 | 26.59 | 33.6208 | 303.265625 | 26.18 | 33.7415 | 303.348264 | 26.43 | 33.7271 |
| 303.183333 | 26.6 | 33.6115 | 303.265972 | 26.18 | 33.7415 | 303.348611 | 26.43 | 33.7224 |
| 303.183681 | 26.6 | 33.6396 | 303.266319 | 26.16 | 33.7508 | 303.348958 | 26.43 | 33.7342 |
| 303.184028 | 26.6 | 33.6279 | 303.266667 | 26.16 | 33.7273 | 303.349306 | 26.43 | 33.7224 |
| 303.184375 | 26.59 | 33.6442 | 303.267014 | 26.18 | 33.7368 | 303.349653 | 26.43 | 33.7342 |
| 303.184722 | 26.59 | 33.6559 | 303.267361 | 26.2 | 33.7323 | 303.35 | 26.43 | 33.7389 |
| 303.185069 | 26.59 | 33.6278 | 303.267708 | 26.2 | 33.7487 | 303.350347 | 26.43 | 33.746 |
| 303.185417 | 26.59 | 33.6395 | 303.268056 | 26.18 | 33.758 | 303.350694 | 26.43 | 33.7271 |
| 303.185764 | 26.59 | 33.6512 | 303.268403 | 26.2 | 33.7323 | 303.351042 | 26.43 | 33.7271 |
| 303.186111 | 26.59 | 33.6161 | 303.26875 | 26.2 | 33.7323 | 303.351389 | 26.44 | 33.7343 |
| 303.186458 | 26.59 | 33.6395 | 303.269097 | 26.21 | 33.7511 | 303.351736 | 26.44 | 33.7225 |
| 303.186806 | 26.59 | 33.6325 | 303.269444 | 26.2 | 33.7369 | 303.352083 | 26.43 | 33.7389 |
| 303.187153 | 26.59 | 33.6278 | 303.269792 | 26.21 | 33.7347 | 303.352431 | 26.43 | 33.7154 |
| 303.1875 | 26.59 | 33.6208 | 303.270139 | 26.24 | 33.7302 | 303.352778 | 26.43 | 33.7107 |
| 303.187847 | 26.59 | 33.6208 | 303.270486 | 26.24 | 33.7302 | 303.353125 | 26.43 | 33.7224 |
| 303.188194 | 26.6 | 33.6349 | 303.270833 | 26.24 | 33.7537 | 303.353472 | 26.43 | 33.7271 |
| 303.188542 | 26.6 | 33.6115 | 303.271181 | 26.24 | 33.7255 | 303.353819 | 26.43 | 33.7271 |
| 303.188889 | 26.59 | 33.6208 | 303.271528 | 26.25 | 33.7373 | 303.354167 | 26.43 | 33.746 |
| 303.189236 | 26.59 | 33.6442 | 303.271875 | 26.25 | 33.7256 | 303.354514 | 26.43 | 33.7342 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.189583 | 26.6 | 33.6162 | 303.272222 | 26.25 | 33.7326 | 303.354861 | 26.43 | 33.7342 |
| 303.189931 | 26.6 | 33.6349 | 303.272569 | 26.26 | 33.7444 | 303.355208 | 26.43 | 33.7271 |
| 303.190278 | 26.59 | 33.6208 | 303.272917 | 26.2 | 33.7487 | 303.355556 | 26.43 | 33.746 |
| 303.190625 | 26.6 | 33.6162 | 303.273264 | 26.21 | 33.7511 | 303.355903 | 26.43 | 33.7224 |
| 303.190972 | 26.6 | 33.6279 | 303.273611 | 26.22 | 33.7277 | 303.35625 | 26.43 | 33.746 |
| 303.191319 | 26.59 | 33.6278 | 303.273958 | 26.22 | 33.7347 | 303.356597 | 26.43 | 33.7342 |
| 303.191667 | 26.59 | 33.6372 | 303.274306 | 26.22 | 33.7347 | 303.356944 | 26.43 | 33.7342 |
| 303.192014 | 26.59 | 33.6278 | 303.274653 | 26.22 | 33.7347 | 303.357292 | 26.43 | 33.7271 |
| 303.192361 | 26.59 | 33.6255 | 303.275 | 26.22 | 33.7347 | 303.357639 | 26.43 | 33.746 |
| 303.192708 | 26.57 | 33.6534 | 303.275347 | 26.22 | 33.7347 | 303.357986 | 26.43 | 33.7271 |
| 303.193056 | 26.57 | 33.6299 | 303.275694 | 26.22 | 33.7347 | 303.358333 | 26.43 | 33.7342 |
| 303.193403 | 26.57 | 33.6417 | 303.276042 | 26.22 | 33.7465 | 303.358681 | 26.43 | 33.7224 |
| 303.19375 | 26.57 | 33.6417 | 303.276389 | 26.22 | 33.7465 | 303.359028 | 26.43 | 33.7342 |
| 303.194097 | 26.57 | 33.6534 | 303.276736 | 26.21 | 33.7394 | 303.359375 | 26.43 | 33.7271 |
| 303.194444 | 26.57 | 33.6487 | 303.277083 | 26.2 | 33.744 | 303.359722 | 26.42 | 33.72 |
| 303.194792 | 26.57 | 33.6299 | 303.277431 | 26.2 | 33.7323 | 303.360069 | 26.42 | 33.7435 |
| 303.195139 | 26.57 | 33.6417 | 303.277778 | 26.18 | 33.7533 | 303.360417 | 26.42 | 33.727 |
| 303.195486 | 26.57 | 33.637 | 303.278125 | 26.18 | 33.7697 | 303.360764 | 26.42 | 33.7435 |
| 303.195833 | 26.57 | 33.6417 | 303.278472 | 26.18 | 33.7415 | 303.361111 | 26.42 | 33.7317 |
| 303.196181 | 26.57 | 33.6487 | 303.278819 | 26.18 | 33.758 | 303.361458 | 26.42 | 33.7435 |
| 303.196528 | 26.57 | 33.6417 | 303.279167 | 26.18 | 33.758 | 303.361806 | 26.42 | 33.7435 |
| 303.196875 | 26.57 | 33.6417 | 303.279514 | 26.18 | 33.7415 | 303.362153 | 26.42 | 33.7435 |
| 303.197222 | 26.57 | 33.6417 | 303.279861 | 26.13 | 33.7764 | 303.3625 | 26.42 | 33.7317 |
| 303.197569 | 26.56 | 33.6509 | 303.280208 | 26.11 | 33.7692 | 303.362847 | 26.42 | 33.72 |
| 303.197917 | 26.56 | 33.6627 | 303.280556 | 26.08 | 33.7714 | 303.363194 | 26.42 | 33.727 |
| 303.198264 | 26.56 | 33.6509 | 303.280903 | 26.13 | 33.7647 | 303.363542 | 26.42 | 33.727 |
| 303.198611 | 26.56 | 33.6345 | 303.28125 | 26.16 | 33.7461 | 303.363889 | 26.42 | 33.7317 |
| 303.198958 | 26.56 | 33.6416 | 303.281597 | 26.14 | 33.7553 | 303.364236 | 26.42 | 33.7388 |
| 303.199306 | 26.56 | 33.6462 | 303.281944 | 26.16 | 33.7672 | 303.364583 | 26.42 | 33.72 |
| 303.199653 | 26.56 | 33.6627 | 303.282292 | 26.14 | 33.76 | 303.364931 | 26.42 | 33.7317 |
| 303.2 | 26.56 | 33.6462 | 303.282639 | 26.16 | 33.7461 | 303.365278 | 26.42 | 33.7435 |
| 303.200347 | 26.55 | 33.6508 | 303.282986 | 26.17 | 33.7626 | 303.365625 | 26.42 | 33.7435 |
| 303.200694 | 26.55 | 33.6461 | 303.283333 | 26.16 | 33.7625 | 303.365972 | 26.42 | 33.7317 |
| 303.201042 | 26.55 | 33.6344 | 303.283681 | 26.17 | 33.7696 | 303.366319 | 26.42 | 33.7317 |
| 303.201389 | 26.55 | 33.6508 | 303.284028 | 26.2 | 33.7604 | 303.366667 | 26.42 | 33.72 |
| 303.201736 | 26.55 | 33.679 | 303.284375 | 26.21 | 33.7511 | 303.367014 | 26.42 | 33.7388 |
| 303.202083 | 26.55 | 33.6461 | 303.284722 | 26.18 | 33.7697 | 303.367361 | 26.42 | 33.727 |
| 303.202431 | 26.55 | 33.6344 | 303.285069 | 26.2 | 33.7557 | 303.367708 | 26.42 | 33.7435 |
| 303.202778 | 26.55 | 33.6227 | 303.285417 | 26.22 | 33.7394 | 303.368056 | 26.42 | 33.7388 |
| 303.203125 | 26.53 | 33.6553 | 303.285764 | 26.21 | 33.7558 | 303.368403 | 26.4 | 33.741 |
| 303.203472 | 26.53 | 33.6483 | 303.286111 | 26.24 | 33.7419 | 303.36875 | 26.4 | 33.7527 |
| 303.203819 | 26.53 | 33.6717 | 303.286458 | 26.24 | 33.7302 | 303.369097 | 26.42 | 33.7435 |
| 303.204167 | 26.53 | 33.6483 | 303.286806 | 26.24 | 33.7372 | 303.369444 | 26.42 | 33.7317 |
| 303.204514 | 26.53 | 33.6483 | 303.287153 | 26.25 | 33.7491 | 303.369792 | 26.4 | 33.748 |
| 303.204861 | 26.53 | 33.6717 | 303.2875 | 26.24 | 33.7419 | 303.370139 | 26.4 | 33.748 |
| 303.205208 | 26.53 | 33.6319 | 303.287847 | 26.26 | 33.7327 | 303.370486 | 26.4 | 33.741 |
| 303.205556 | 26.53 | 33.6483 | 303.288194 | 26.26 | 33.7515 | 303.370833 | 26.4 | 33.7292 |
| 303.205903 | 26.53 | 33.6436 | 303.288542 | 26.26 | 33.7444 | 303.371181 | 26.4 | 33.7362 |
| 303.20625 | 26.52 | 33.6529 | 303.288889 | 26.27 | 33.7328 | 303.371528 | 26.4 | 33.7292 |
| 303.206597 | 26.52 | 33.6529 | 303.289236 | 26.27 | 33.7398 | 303.371875 | 26.4 | 33.741 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.206944 | 26.52 | 33.6412 | 303.289583 | 26.29 | 33.7423 | 303.372222 | 26.4 | 33.7362 |
| 303.207292 | 26.52 | 33.6646 | 303.289931 | 26.31 | 33.726 | 303.372569 | 26.4 | 33.7645 |
| 303.207639 | 26.52 | 33.6529 | 303.290278 | 26.3 | 33.7307 | 303.372917 | 26.39 | 33.7338 |
| 303.207986 | 26.52 | 33.6529 | 303.290625 | 26.31 | 33.7448 | 303.373264 | 26.39 | 33.7456 |
| 303.208333 | 26.52 | 33.6646 | 303.290972 | 26.31 | 33.7448 | 303.373611 | 26.39 | 33.7409 |
| 303.208681 | 26.51 | 33.6457 | 303.291319 | 26.31 | 33.7213 | 303.373958 | 26.39 | 33.722 |
| 303.209028 | 26.51 | 33.6692 | 303.291667 | 26.31 | 33.7378 | 303.374306 | 26.39 | 33.7362 |
| 303.209375 | 26.51 | 33.6528 | 303.292014 | 26.31 | 33.7496 | 303.374653 | 26.39 | 33.7291 |
| 303.209722 | 26.51 | 33.6457 | 303.292361 | 26.31 | 33.7143 | 303.375 | 26.39 | 33.7409 |
| 303.210069 | 26.51 | 33.6692 | 303.292708 | 26.31 | 33.7378 | 303.375347 | 26.39 | 33.7338 |
| 303.210417 | 26.5 | 33.6456 | 303.293056 | 26.31 | 33.7331 | 303.375694 | 26.39 | 33.7291 |
| 303.210764 | 26.5 | 33.6738 | 303.293403 | 26.31 | 33.7331 | 303.376042 | 26.39 | 33.7409 |
| 303.211111 | 26.5 | 33.662 | 303.29375 | 26.31 | 33.726 | 303.376389 | 26.39 | 33.7574 |
| 303.211458 | 26.5 | 33.6386 | 303.294097 | 26.31 | 33.726 | 303.376736 | 26.39 | 33.7338 |
| 303.211806 | 26.5 | 33.662 | 303.294444 | 26.31 | 33.7213 | 303.377083 | 26.39 | 33.7409 |
| 303.212153 | 26.5 | 33.662 | 303.294792 | 26.35 | 33.7358 | 303.377431 | 26.39 | 33.7338 |
| 303.2125 | 26.5 | 33.6691 | 303.295139 | 26.34 | 33.7357 | 303.377778 | 26.39 | 33.7526 |
| 303.212847 | 26.5 | 33.6339 | 303.295486 | 26.33 | 33.7239 | 303.378125 | 26.39 | 33.7526 |
| 303.213194 | 26.5 | 33.662 | 303.295833 | 26.34 | 33.7192 | 303.378472 | 26.39 | 33.7456 |
| 303.213542 | 26.48 | 33.6548 | 303.296181 | 26.37 | 33.7336 | 303.378819 | 26.39 | 33.7126 |
| 303.213889 | 26.48 | 33.6712 | 303.296528 | 26.39 | 33.7126 | 303.379167 | 26.38 | 33.7455 |
| 303.214236 | 26.48 | 33.6384 | 303.296875 | 26.39 | 33.7079 | 303.379514 | 26.38 | 33.7455 |
| 303.214583 | 26.48 | 33.6595 | 303.297222 | 26.39 | 33.7009 | 303.379861 | 26.38 | 33.7408 |
| 303.214931 | 26.48 | 33.6783 | 303.297569 | 26.4 | 33.7127 | 303.380208 | 26.38 | 33.7408 |
| 303.215278 | 26.47 | 33.6641 | 303.297917 | 26.4 | 33.701 | 303.380556 | 26.38 | 33.7502 |
| 303.215625 | 26.48 | 33.6595 | 303.298264 | 26.42 | 33.727 | 303.380903 | 26.38 | 33.7219 |
| 303.215972 | 26.47 | 33.6594 | 303.298611 | 26.42 | 33.7035 | 303.38125 | 26.38 | 33.7455 |
| 303.216319 | 26.47 | 33.6641 | 303.298958 | 26.44 | 33.7014 | 303.381597 | 26.38 | 33.7337 |
| 303.216667 | 26.47 | 33.6711 | 303.299306 | 26.43 | 33.7107 | 303.381944 | 26.38 | 33.7502 |
| 303.217014 | 26.47 | 33.6923 | 303.299653 | 26.44 | 33.7131 | 303.382292 | 26.38 | 33.7738 |
| 303.217361 | 26.47 | 33.6641 | 303.3 | 26.44 | 33.7108 | 303.382639 | 26.38 | 33.7502 |
| 303.217708 | 26.47 | 33.6758 | 303.300347 | 26.44 | 33.7014 | 303.382986 | 26.38 | 33.7337 |
| 303.218056 | 26.47 | 33.6594 | 303.300694 | 26.46 | 33.6968 | 303.383333 | 26.38 | 33.729 |
| 303.218403 | 26.47 | 33.6477 | 303.301042 | 26.44 | 33.7061 | 303.383681 | 26.39 | 33.7409 |
| 303.21875 | 26.47 | 33.6641 | 303.301389 | 26.44 | 33.7014 | 303.384028 | 26.39 | 33.7291 |
| 303.219097 | 26.47 | 33.6594 | 303.301736 | 26.44 | 33.7061 | 303.384375 | 26.39 | 33.7291 |
| 303.219444 | 26.47 | 33.6711 | 303.302083 | 26.42 | 33.7223 | 303.384722 | 26.39 | 33.7291 |
| 303.219792 | 26.47 | 33.6641 | 303.302431 | 26.43 | 33.6989 | 303.385069 | 26.42 | 33.7388 |
| 303.220139 | 26.47 | 33.6641 | 303.302778 | 26.4 | 33.7315 | 303.385417 | 26.43 | 33.7177 |
| 303.220486 | 26.47 | 33.6594 | 303.303125 | 26.4 | 33.7245 | 303.385764 | 26.44 | 33.7108 |
| 303.220833 | 26.47 | 33.6758 | 303.303472 | 26.42 | 33.7106 | 303.386111 | 26.46 | 33.7204 |
| 303.221181 | 26.47 | 33.6407 | 303.303819 | 26.42 | 33.7106 | 303.386458 | 26.47 | 33.7087 |
| 303.221528 | 26.47 | 33.6711 | 303.304167 | 26.43 | 33.7107 | 303.386806 | 26.43 | 33.706 |
| 303.221875 | 26.46 | 33.6757 | 303.304514 | 26.44 | 33.7178 | 303.387153 | 26.44 | 33.7014 |
| 303.222222 | 26.47 | 33.6758 | 303.304861 | 26.44 | 33.7061 | 303.3875 | 26.68 | 33.6241 |
| 303.222569 | 26.46 | 33.6687 | 303.305208 | 26.44 | 33.7225 | 303.387847 | 26.9 | 33.5007 |
| 303.222917 | 26.47 | 33.6594 | 303.305556 | 26.44 | 33.7061 | 303.388194 | 26.92 | 33.4916 |
| 303.223264 | 26.47 | 33.6477 | 303.305903 | 26.46 | 33.6968 | 303.388542 | 26.94 | 33.4826 |
| 303.223611 | 26.47 | 33.6641 | 303.30625 | 26.46 | 33.6922 | 303.388889 | 26.95 | 33.4943 |
| 303.223958 | 26.47 | 33.6711 | 303.306597 | 26.47 | 33.7087 | 303.389236 | 26.96 | 33.4619 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.224306 | 26.47 | 33.6641 | 303.306944 | 26.47 | 33.6969 | 303.389583 | 26.96 | 33.4735 |
| 303.224653 | 26.48 | 33.683 | 303.307292 | 26.47 | 33.704 | 303.389931 | 26.98 | 33.4598 |
| 303.225 | 26.48 | 33.6712 | 303.307639 | 26.47 | 33.6876 | 303.390278 | 26.98 | 33.4691 |
| 303.225347 | 26.47 | 33.6594 | 303.307986 | 26.47 | 33.7158 | 303.390625 | 26.98 | 33.4645 |
| 303.225694 | 26.48 | 33.6665 | 303.308333 | 26.47 | 33.704 | 303.390972 | 26.98 | 33.4761 |
| 303.226042 | 26.48 | 33.6665 | 303.308681 | 26.47 | 33.7158 | 303.391319 | 26.98 | 33.4645 |
| 303.226389 | 26.48 | 33.6665 | 303.309028 | 26.47 | 33.7087 | 303.391667 | 26.98 | 33.4808 |
| 303.226736 | 26.48 | 33.6783 | 303.309375 | 26.47 | 33.6993 | 303.392014 | 26.98 | 33.4924 |
| 303.227083 | 26.48 | 33.683 | 303.309722 | 26.47 | 33.6923 | 303.392361 | 26.98 | 33.4761 |
| 303.227431 | 26.47 | 33.6805 | 303.310069 | 26.47 | 33.6923 | 303.392708 | 26.98 | 33.4877 |
| 303.227778 | 26.47 | 33.6524 | 303.310417 | 26.47 | 33.7087 | 303.393056 | 26.98 | 33.4645 |
| 303.228125 | 26.46 | 33.6687 | 303.310764 | 26.47 | 33.704 | 303.393403 | 26.96 | 33.4898 |
| 303.228472 | 26.46 | 33.6757 | 303.311111 | 26.47 | 33.704 | 303.39375 | 26.96 | 33.5014 |
| 303.228819 | 26.46 | 33.664 | 303.311458 | 26.47 | 33.7087 | 303.394097 | 26.96 | 33.4851 |
| 303.229167 | 26.46 | 33.657 | 303.311806 | 26.47 | 33.7158 | 303.394444 | 26.95 | 33.499 |
| 303.229514 | 26.46 | 33.664 | 303.312153 | 26.47 | 33.7158 | 303.394792 | 26.95 | 33.5013 |
| 303.229861 | 26.46 | 33.6523 | 303.3125 | 26.47 | 33.6969 | 303.395139 | 26.95 | 33.499 |
| 303.230208 | 26.44 | 33.6732 | 303.312847 | 26.47 | 33.6923 | 303.395486 | 26.95 | 33.499 |
| 303.230556 | 26.44 | 33.6896 | 303.313194 | 26.47 | 33.704 | 303.395833 | 26.95 | 33.4897 |
| 303.230903 | 26.44 | 33.6615 | 303.313542 | 26.47 | 33.704 | 303.396181 | 26.95 | 33.499 |
| 303.23125 | 26.43 | 33.6708 | 303.313889 | 26.47 | 33.7158 | 303.396528 | 26.95 | 33.506 |
| 303.231597 | 26.42 | 33.7106 | 303.314236 | 26.47 | 33.6805 | 303.396875 | 26.96 | 33.4898 |
| 303.231944 | 26.43 | 33.6661 | 303.314583 | 26.47 | 33.7087 | 303.397222 | 26.95 | 33.4897 |
| 303.232292 | 26.42 | 33.6707 | 303.314931 | 26.47 | 33.7158 | 303.397569 | 26.96 | 33.4898 |
| 303.232639 | 26.4 | 33.6799 | 303.315278 | 26.47 | 33.6969 | 303.397917 | 26.95 | 33.5176 |
| 303.232986 | 26.4 | 33.6799 | 303.315625 | 26.47 | 33.7087 | 303.398264 | 26.95 | 33.499 |
| 303.233333 | 26.4 | 33.6799 | 303.315972 | 26.47 | 33.704 | 303.398611 | 26.95 | 33.4827 |
| 303.233681 | 26.4 | 33.6799 | 303.316319 | 26.47 | 33.7087 | 303.398958 | 26.95 | 33.4943 |
| 303.234028 | 26.4 | 33.6799 | 303.316667 | 26.47 | 33.6969 | 303.399306 | 26.95 | 33.4873 |
| 303.234375 | 26.39 | 33.6962 | 303.317014 | 26.47 | 33.704 | 303.399653 | 26.95 | 33.4827 |
| 303.234722 | 26.39 | 33.6728 | 303.317361 | 26.47 | 33.7158 | 303.4 | 26.95 | 33.4943 |
| 303.235069 | 26.39 | 33.6845 | 303.317708 | 26.47 | 33.7158 | 303.400347 | 26.95 | 33.4827 |
| 303.235417 | 26.39 | 33.6774 | 303.318056 | 26.47 | 33.7205 | 303.400694 | 26.94 | 33.5035 |
| 303.235764 | 26.39 | 33.6892 | 303.318403 | 26.47 | 33.6969 | 303.401042 | 26.94 | 33.4989 |
| 303.236111 | 26.39 | 33.6962 | 303.31875 | 26.47 | 33.6993 | 303.401389 | 26.94 | 33.4989 |
| 303.236458 | 26.38 | 33.6891 | 303.319097 | 26.47 | 33.7205 | 303.401736 | 26.92 | 33.5196 |
| 303.236806 | 26.38 | 33.6891 | 303.319444 | 26.47 | 33.6969 | 303.402083 | 26.92 | 33.5126 |
| 303.237153 | 26.38 | 33.6891 | 303.319792 | 26.47 | 33.7158 | 303.402431 | 26.92 | 33.5009 |
| 303.2375 | 26.37 | 33.689 | 303.320139 | 26.47 | 33.7205 | 303.402778 | 26.92 | 33.5079 |

DPS8-1

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 302.738889 | 26.85 | 34.4642 | 302.828472 | 26.87 | 33.6502 | 302.918056 | 26.73 | 33.7087 |
| 302.739236 | 26.96 | 34.1842 | 302.828819 | 26.88 | 33.6343 | 302.918403 | 26.73 | 33.7019 |
| 302.739583 | 27 | 34.0764 | 302.829167 | 26.87 | 33.6367 | 302.91875 | 26.73 | 33.6974 |
| 302.739931 | 27 | 34.0114 | 302.829514 | 26.87 | 33.6547 | 302.919097 | 26.72 | 33.6953 |
| 302.740278 | 27.03 | 33.9165 | 302.829861 | 26.88 | 33.6635 | 302.919444 | 26.72 | 33.6999 |
| 302.740625 | 27.03 | 33.8982 | 302.830208 | 26.88 | 33.6568 | 302.919792 | 26.72 | 33.6999 |
| 302.740972 | 27.03 | 33.8546 | 302.830556 | 26.88 | 33.6343 | 302.920139 | 26.72 | 33.7021 |
| 302.741319 | 27.04 | 33.8065 | 302.830903 | 26.88 | 33.6208 | 302.920486 | 26.72 | 33.6773 |
| 302.741667 | 27.05 | 33.7449 | 302.83125 | 26.88 | 33.6388 | 302.920833 | 26.72 | 33.6999 |
| 302.742014 | 27.05 | 33.754 | 302.831597 | 26.88 | 33.6388 | 302.921181 | 26.71 | 33.7068 |
| 302.742361 | 27.04 | 33.7201 | 302.831944 | 26.88 | 33.6388 | 302.921528 | 26.71 | 33.718 |
| 302.742708 | 27.03 | 33.7111 | 302.832292 | 26.88 | 33.6388 | 302.921875 | 26.71 | 33.6955 |
| 302.743056 | 27.01 | 33.6865 | 302.832639 | 26.88 | 33.6455 | 302.922222 | 26.71 | 33.718 |
| 302.743403 | 27.01 | 33.6752 | 302.832986 | 26.88 | 33.65 | 302.922569 | 26.71 | 33.6933 |
| 302.74375 | 27.01 | 33.673 | 302.833333 | 26.88 | 33.65 | 302.922917 | 26.71 | 33.7113 |
| 302.744097 | 27 | 33.6889 | 302.833681 | 26.87 | 33.6367 | 302.923264 | 26.71 | 33.7293 |
| 302.744444 | 27 | 33.6641 | 302.834028 | 26.87 | 33.6547 | 302.923611 | 26.71 | 33.7113 |
| 302.744792 | 26.99 | 33.6642 | 302.834375 | 26.87 | 33.6367 | 302.923958 | 26.71 | 33.7113 |
| 302.745139 | 26.99 | 33.6575 | 302.834722 | 26.87 | 33.6322 | 302.924306 | 26.72 | 33.7021 |
| 302.745486 | 26.99 | 33.6507 | 302.835069 | 26.87 | 33.6614 | 302.924653 | 26.72 | 33.7021 |
| 302.745833 | 26.99 | 33.6484 | 302.835417 | 26.87 | 33.6255 | 302.925 | 26.72 | 33.7066 |
| 302.746181 | 26.97 | 33.6532 | 302.835764 | 26.88 | 33.6388 | 302.925347 | 26.72 | 33.7247 |
| 302.746528 | 26.99 | 33.6484 | 302.836111 | 26.87 | 33.6434 | 302.925694 | 26.72 | 33.6773 |
| 302.746875 | 26.97 | 33.6397 | 302.836458 | 26.88 | 33.6388 | 302.926042 | 26.71 | 33.7226 |
| 302.747222 | 26.97 | 33.6465 | 302.836806 | 26.87 | 33.6322 | 302.926389 | 26.71 | 33.7 |
| 302.747569 | 26.97 | 33.6442 | 302.837153 | 26.88 | 33.6433 | 302.926736 | 26.71 | 33.682 |
| 302.747917 | 26.97 | 33.651 | 302.8375 | 26.88 | 33.6321 | 302.927083 | 26.71 | 33.7113 |
| 302.748264 | 26.96 | 33.6489 | 302.837847 | 26.87 | 33.6367 | 302.927431 | 26.71 | 33.7113 |
| 302.748611 | 26.95 | 33.6355 | 302.838194 | 26.88 | 33.6208 | 302.927778 | 26.71 | 33.7113 |
| 302.748958 | 26.95 | 33.6243 | 302.838542 | 26.87 | 33.6547 | 302.928125 | 26.71 | 33.7068 |
| 302.749306 | 26.95 | 33.6423 | 302.838889 | 26.88 | 33.6455 | 302.928472 | 26.73 | 33.7087 |
| 302.749653 | 26.95 | 33.6535 | 302.839236 | 26.87 | 33.6479 | 302.928819 | 26.72 | 33.6953 |
| 302.75 | 26.95 | 33.6355 | 302.839583 | 26.87 | 33.6479 | 302.929167 | 26.73 | 33.7087 |
| 302.750347 | 26.95 | 33.6468 | 302.839931 | 26.88 | 33.6321 | 302.929514 | 26.73 | 33.7313 |
| 302.750694 | 26.96 | 33.6286 | 302.840278 | 26.88 | 33.6276 | 302.929861 | 26.73 | 33.7019 |
| 302.751042 | 26.97 | 33.6262 | 302.840625 | 26.87 | 33.6367 | 302.930208 | 26.73 | 33.7019 |
| 302.751389 | 26.99 | 33.6214 | 302.840972 | 26.87 | 33.6547 | 302.930556 | 26.73 | 33.7019 |
| 302.751736 | 27.01 | 33.6009 | 302.841319 | 26.87 | 33.6367 | 302.930903 | 26.73 | 33.72 |
| 302.752083 | 27.01 | 33.583 | 302.841667 | 26.87 | 33.6547 | 302.93125 | 26.73 | 33.72 |
| 302.752431 | 27.01 | 33.6054 | 302.842014 | 26.87 | 33.6322 | 302.931597 | 26.73 | 33.6952 |
| 302.752778 | 27.03 | 33.585 | 302.842361 | 26.87 | 33.6255 | 302.931944 | 26.73 | 33.7019 |
| 302.753125 | 27.03 | 33.585 | 302.842708 | 26.87 | 33.6367 | 302.932292 | 26.73 | 33.7064 |
| 302.753472 | 27.04 | 33.5803 | 302.843056 | 26.87 | 33.6502 | 302.932639 | 26.73 | 33.7313 |
| 302.753819 | 27.04 | 33.5579 | 302.843403 | 26.87 | 33.6547 | 302.932986 | 26.73 | 33.7087 |
| 302.754167 | 27.04 | 33.5781 | 302.84375 | 26.87 | 33.6322 | 302.933333 | 26.72 | 33.7066 |
| 302.754514 | 27.05 | 33.5802 | 302.844097 | 26.87 | 33.6434 | 302.933681 | 26.72 | 33.6953 |
| 302.754861 | 27.05 | 33.5623 | 302.844444 | 26.85 | 33.6415 | 302.934028 | 26.72 | 33.7247 |
| 302.755208 | 27.05 | 33.5578 | 302.844792 | 26.87 | 33.6255 | 302.934375 | 26.72 | 33.7179 |
| 302.755556 | 27.04 | 33.5512 | 302.845139 | 26.85 | 33.6348 | 302.934722 | 26.72 | 33.7066 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.755903 | 27.04 | 33.5669 | 302.845486 | 26.87 | 33.6614 | 302.935069 | 26.72 | 33.7021 |
| 302.75625 | 27.04 | 33.5557 | 302.845833 | 26.85 | 33.6595 | 302.935417 | 26.72 | 33.7314 |
| 302.756597 | 27.03 | 33.5894 | 302.846181 | 26.85 | 33.6415 | 302.935764 | 26.72 | 33.6999 |
| 302.756944 | 27.04 | 33.5714 | 302.846528 | 26.85 | 33.6415 | 302.936111 | 26.72 | 33.7134 |
| 302.757292 | 27.05 | 33.5265 | 302.846875 | 26.85 | 33.6348 | 302.936458 | 26.72 | 33.7179 |
| 302.757639 | 27.05 | 33.5556 | 302.847222 | 26.85 | 33.664 | 302.936806 | 26.72 | 33.6953 |
| 302.757986 | 27.04 | 33.5602 | 302.847569 | 26.85 | 33.664 | 302.937153 | 26.72 | 33.6999 |
| 302.758333 | 27.05 | 33.5511 | 302.847917 | 26.85 | 33.6415 | 302.9375 | 26.73 | 33.7064 |
| 302.758681 | 27.04 | 33.5714 | 302.848264 | 26.85 | 33.664 | 302.937847 | 26.72 | 33.6953 |
| 302.759028 | 27.04 | 33.5714 | 302.848611 | 26.85 | 33.6303 | 302.938194 | 26.72 | 33.7066 |
| 302.759375 | 27.05 | 33.5623 | 302.848958 | 26.85 | 33.646 | 302.938542 | 26.72 | 33.6999 |
| 302.759722 | 27.04 | 33.5781 | 302.849306 | 26.85 | 33.6348 | 302.938889 | 26.73 | 33.72 |
| 302.760069 | 27.07 | 33.5396 | 302.849653 | 26.85 | 33.646 | 302.939236 | 26.72 | 33.7134 |
| 302.760417 | 27.12 | 33.5233 | 302.85 | 26.85 | 33.6528 | 302.939583 | 26.73 | 33.7087 |
| 302.760764 | 27.08 | 33.5417 | 302.850347 | 26.85 | 33.6708 | 302.939931 | 26.72 | 33.7111 |
| 302.761111 | 27.12 | 33.5344 | 302.850694 | 26.85 | 33.6595 | 302.940278 | 26.73 | 33.7019 |
| 302.761458 | 27.15 | 33.4961 | 302.851042 | 26.85 | 33.6303 | 302.940625 | 26.72 | 33.7179 |
| 302.761806 | 27.11 | 33.5212 | 302.851389 | 26.85 | 33.6415 | 302.940972 | 26.72 | 33.6953 |
| 302.762153 | 27.11 | 33.5391 | 302.851736 | 26.85 | 33.646 | 302.941319 | 26.72 | 33.7134 |
| 302.7625 | 27.12 | 33.5277 | 302.852083 | 26.85 | 33.6708 | 302.941667 | 26.72 | 33.6886 |
| 302.762847 | 27.09 | 33.5528 | 302.852431 | 26.85 | 33.6415 | 302.942014 | 26.72 | 33.6999 |
| 302.763194 | 27.08 | 33.5395 | 302.852778 | 26.85 | 33.6348 | 302.942361 | 26.72 | 33.7134 |
| 302.763542 | 27.08 | 33.5641 | 302.853125 | 26.85 | 33.6528 | 302.942708 | 26.72 | 33.7066 |
| 302.763889 | 27.09 | 33.5416 | 302.853472 | 26.85 | 33.6415 | 302.943056 | 26.72 | 33.6999 |
| 302.764236 | 27.11 | 33.5368 | 302.853819 | 26.85 | 33.646 | 302.943403 | 26.72 | 33.7066 |
| 302.764583 | 27.11 | 33.548 | 302.854167 | 26.85 | 33.6528 | 302.94375 | 26.72 | 33.6999 |
| 302.764931 | 27.11 | 33.5323 | 302.854514 | 26.85 | 33.664 | 302.944097 | 26.72 | 33.6953 |
| 302.765278 | 27.11 | 33.5256 | 302.854861 | 26.84 | 33.6349 | 302.944444 | 26.72 | 33.7066 |
| 302.765625 | 27.11 | 33.5435 | 302.855208 | 26.84 | 33.6619 | 302.944792 | 26.72 | 33.7066 |
| 302.765972 | 27.09 | 33.5282 | 302.855556 | 26.84 | 33.6394 | 302.945139 | 26.72 | 33.6999 |
| 302.766319 | 27.09 | 33.5349 | 302.855903 | 26.85 | 33.6348 | 302.945486 | 26.72 | 33.7179 |
| 302.766667 | 27.09 | 33.5684 | 302.85625 | 26.84 | 33.6574 | 302.945833 | 26.72 | 33.6999 |
| 302.767014 | 27.08 | 33.5507 | 302.856597 | 26.85 | 33.6528 | 302.946181 | 26.72 | 33.7021 |
| 302.767361 | 27.08 | 33.5574 | 302.856944 | 26.85 | 33.6528 | 302.946528 | 26.72 | 33.7179 |
| 302.767708 | 27.09 | 33.546 | 302.857292 | 26.84 | 33.6507 | 302.946875 | 26.72 | 33.6999 |
| 302.768056 | 27.09 | 33.5393 | 302.857639 | 26.84 | 33.6619 | 302.947222 | 26.72 | 33.7179 |
| 302.768403 | 27.11 | 33.5368 | 302.857986 | 26.84 | 33.6394 | 302.947569 | 26.72 | 33.6953 |
| 302.76875 | 27.11 | 33.5368 | 302.858333 | 26.84 | 33.6462 | 302.947917 | 26.72 | 33.6999 |
| 302.769097 | 27.09 | 33.546 | 302.858681 | 26.84 | 33.6462 | 302.948264 | 26.72 | 33.7179 |
| 302.769444 | 27.11 | 33.548 | 302.859028 | 26.84 | 33.6462 | 302.948611 | 26.72 | 33.7179 |
| 302.769792 | 27.09 | 33.5572 | 302.859375 | 26.84 | 33.6394 | 302.948958 | 26.72 | 33.7179 |
| 302.770139 | 27.09 | 33.5572 | 302.859722 | 26.84 | 33.6507 | 302.949306 | 26.72 | 33.7066 |
| 302.770486 | 27.09 | 33.5438 | 302.860069 | 26.84 | 33.6462 | 302.949653 | 26.73 | 33.72 |
| 302.770833 | 27.09 | 33.5505 | 302.860417 | 26.84 | 33.6574 | 302.95 | 26.73 | 33.6952 |
| 302.771181 | 27.04 | 33.5736 | 302.860764 | 26.83 | 33.6553 | 302.950347 | 26.73 | 33.7019 |
| 302.771528 | 27.05 | 33.5757 | 302.861111 | 26.84 | 33.6619 | 302.950694 | 26.73 | 33.6952 |
| 302.771875 | 27.04 | 33.5916 | 302.861458 | 26.83 | 33.6441 | 302.951042 | 26.73 | 33.7064 |
| 302.772222 | 27.01 | 33.5808 | 302.861806 | 26.84 | 33.6507 | 302.951389 | 26.73 | 33.7019 |
| 302.772569 | 27 | 33.5742 | 302.862153 | 26.83 | 33.6733 | 302.951736 | 26.73 | 33.6952 |
| 302.772917 | 26.99 | 33.59 | 302.8625 | 26.84 | 33.6507 | 302.952083 | 26.73 | 33.7019 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.773264 | 26.97 | 33.6127 | 302.862847 | 26.84 | 33.6327 | 302.952431 | 26.73 | 33.7064 |
| 302.773611 | 26.97 | 33.5948 | 302.863194 | 26.84 | 33.6282 | 302.952778 | 26.73 | 33.6952 |
| 302.773958 | 26.97 | 33.5948 | 302.863542 | 26.84 | 33.6574 | 302.953125 | 26.73 | 33.6907 |
| 302.774306 | 26.99 | 33.59 | 302.863889 | 26.84 | 33.6619 | 302.953472 | 26.73 | 33.7132 |
| 302.774653 | 26.99 | 33.6035 | 302.864236 | 26.83 | 33.6396 | 302.953819 | 26.72 | 33.6886 |
| 302.775 | 26.97 | 33.5881 | 302.864583 | 26.84 | 33.6574 | 302.954167 | 26.72 | 33.6999 |
| 302.775347 | 26.97 | 33.5881 | 302.864931 | 26.83 | 33.6553 | 302.954514 | 26.72 | 33.6999 |
| 302.775694 | 26.96 | 33.6039 | 302.865278 | 26.84 | 33.6462 | 302.954861 | 26.73 | 33.7064 |
| 302.776042 | 26.95 | 33.6153 | 302.865625 | 26.84 | 33.6462 | 302.955208 | 26.73 | 33.7064 |
| 302.776389 | 26.95 | 33.622 | 302.865972 | 26.83 | 33.6328 | 302.955556 | 26.73 | 33.7019 |
| 302.776736 | 26.95 | 33.622 | 302.866319 | 26.83 | 33.6508 | 302.955903 | 26.73 | 33.6952 |
| 302.777083 | 26.96 | 33.5994 | 302.866667 | 26.83 | 33.6621 | 302.95625 | 26.73 | 33.7177 |
| 302.777431 | 26.99 | 33.6012 | 302.867014 | 26.84 | 33.6439 | 302.956597 | 26.75 | 33.6858 |
| 302.777778 | 27.03 | 33.5962 | 302.867361 | 26.83 | 33.6621 | 302.956944 | 26.75 | 33.7151 |
| 302.778125 | 27.07 | 33.553 | 302.867708 | 26.84 | 33.6507 | 302.957292 | 26.73 | 33.7064 |
| 302.778472 | 27.05 | 33.5511 | 302.868056 | 26.83 | 33.6508 | 302.957639 | 26.73 | 33.7177 |
| 302.778819 | 27.04 | 33.5624 | 302.868403 | 26.84 | 33.6687 | 302.957986 | 26.73 | 33.6952 |
| 302.779167 | 27.05 | 33.5399 | 302.86875 | 26.83 | 33.6666 | 302.958333 | 26.75 | 33.6926 |
| 302.779514 | 27.05 | 33.5444 | 302.869097 | 26.83 | 33.6621 | 302.958681 | 26.75 | 33.6813 |
| 302.779861 | 27.05 | 33.5399 | 302.869444 | 26.83 | 33.6441 | 302.959028 | 26.75 | 33.7039 |
| 302.780208 | 27.03 | 33.5782 | 302.869792 | 26.83 | 33.6778 | 302.959375 | 26.75 | 33.7084 |
| 302.780556 | 26.99 | 33.5967 | 302.870139 | 26.83 | 33.6621 | 302.959722 | 26.75 | 33.7084 |
| 302.780903 | 26.99 | 33.59 | 302.870486 | 26.83 | 33.6733 | 302.960069 | 26.75 | 33.7039 |
| 302.78125 | 26.97 | 33.6127 | 302.870833 | 26.83 | 33.6553 | 302.960417 | 26.75 | 33.7039 |
| 302.781597 | 26.97 | 33.5948 | 302.871181 | 26.83 | 33.6621 | 302.960764 | 26.75 | 33.6858 |
| 302.781944 | 26.97 | 33.6105 | 302.871528 | 26.83 | 33.6508 | 302.961111 | 26.75 | 33.7039 |
| 302.782292 | 26.95 | 33.6265 | 302.871875 | 26.83 | 33.6508 | 302.961458 | 26.75 | 33.7106 |
| 302.782639 | 26.95 | 33.6086 | 302.872222 | 26.83 | 33.6486 | 302.961806 | 26.75 | 33.7084 |
| 302.782986 | 26.95 | 33.6153 | 302.872569 | 26.83 | 33.6666 | 302.962153 | 26.75 | 33.6903 |
| 302.783333 | 26.93 | 33.6178 | 302.872917 | 26.83 | 33.6801 | 302.9625 | 26.75 | 33.6813 |
| 302.783681 | 26.93 | 33.6133 | 302.873264 | 26.83 | 33.6553 | 302.962847 | 26.75 | 33.7151 |
| 302.784028 | 26.93 | 33.6066 | 302.873611 | 26.83 | 33.6553 | 302.963194 | 26.75 | 33.7151 |
| 302.784375 | 26.92 | 33.6449 | 302.873958 | 26.83 | 33.6666 | 302.963542 | 26.75 | 33.7039 |
| 302.784722 | 26.92 | 33.6225 | 302.874306 | 26.83 | 33.6508 | 302.963889 | 26.75 | 33.7084 |
| 302.785069 | 26.92 | 33.6225 | 302.874653 | 26.83 | 33.6621 | 302.964236 | 26.75 | 33.6926 |
| 302.785417 | 26.92 | 33.6112 | 302.875 | 26.83 | 33.6508 | 302.964583 | 26.75 | 33.7151 |
| 302.785764 | 26.93 | 33.6111 | 302.875347 | 26.83 | 33.6621 | 302.964931 | 26.75 | 33.6971 |
| 302.786111 | 26.92 | 33.6112 | 302.875694 | 26.83 | 33.6508 | 302.965278 | 26.75 | 33.7084 |
| 302.786458 | 26.92 | 33.6112 | 302.876042 | 26.83 | 33.6621 | 302.965625 | 26.75 | 33.6926 |
| 302.786806 | 26.92 | 33.6225 | 302.876389 | 26.83 | 33.6441 | 302.965972 | 26.75 | 33.7016 |
| 302.787153 | 26.92 | 33.6337 | 302.876736 | 26.83 | 33.6666 | 302.966319 | 26.75 | 33.7039 |
| 302.7875 | 26.92 | 33.6045 | 302.877083 | 26.83 | 33.6733 | 302.966667 | 26.75 | 33.7084 |
| 302.787847 | 26.92 | 33.627 | 302.877431 | 26.83 | 33.6621 | 302.967014 | 26.75 | 33.7377 |
| 302.788194 | 26.92 | 33.6045 | 302.877778 | 26.83 | 33.6666 | 302.967361 | 26.76 | 33.715 |
| 302.788542 | 26.92 | 33.6292 | 302.878125 | 26.81 | 33.6759 | 302.967708 | 26.76 | 33.6992 |
| 302.788889 | 26.92 | 33.6112 | 302.878472 | 26.83 | 33.6666 | 302.968056 | 26.76 | 33.733 |
| 302.789236 | 26.92 | 33.6337 | 302.878819 | 26.81 | 33.6601 | 302.968403 | 26.76 | 33.7105 |
| 302.789583 | 26.92 | 33.627 | 302.879167 | 26.83 | 33.6666 | 302.96875 | 26.76 | 33.7037 |
| 302.789931 | 26.92 | 33.6225 | 302.879514 | 26.81 | 33.6871 | 302.969097 | 26.76 | 33.7172 |
| 302.790278 | 26.96 | 33.5972 | 302.879861 | 26.81 | 33.6691 | 302.969444 | 26.76 | 33.6992 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.790625 | 26.95 | 33.6086 | 302.880208 | 26.81 | 33.6601 | 302.969792 | 26.75 | 33.7197 |
| 302.790972 | 26.95 | 33.5951 | 302.880556 | 26.81 | 33.6646 | 302.970139 | 26.76 | 33.7218 |
| 302.791319 | 26.95 | 33.6018 | 302.880903 | 26.81 | 33.6646 | 302.970486 | 26.76 | 33.7105 |
| 302.791667 | 26.95 | 33.5839 | 302.88125 | 26.81 | 33.6894 | 302.970833 | 26.75 | 33.7039 |
| 302.792014 | 26.95 | 33.6018 | 302.881597 | 26.81 | 33.6646 | 302.971181 | 26.76 | 33.715 |
| 302.792361 | 26.95 | 33.5973 | 302.881944 | 26.8 | 33.676 | 302.971528 | 26.75 | 33.6971 |
| 302.792708 | 26.93 | 33.5932 | 302.882292 | 26.81 | 33.6646 | 302.971875 | 26.75 | 33.7106 |
| 302.793056 | 26.92 | 33.6225 | 302.882639 | 26.81 | 33.6534 | 302.972222 | 26.76 | 33.7105 |
| 302.793403 | 26.91 | 33.6451 | 302.882986 | 26.8 | 33.658 | 302.972569 | 26.75 | 33.7197 |
| 302.79375 | 26.92 | 33.5978 | 302.883333 | 26.8 | 33.676 | 302.972917 | 26.75 | 33.7084 |
| 302.794097 | 26.92 | 33.6225 | 302.883681 | 26.8 | 33.6625 | 302.973264 | 26.75 | 33.7264 |
| 302.794444 | 26.92 | 33.6112 | 302.884028 | 26.8 | 33.6873 | 302.973611 | 26.75 | 33.7264 |
| 302.794792 | 26.92 | 33.5978 | 302.884375 | 26.8 | 33.6648 | 302.973958 | 26.76 | 33.7105 |
| 302.795139 | 26.92 | 33.6225 | 302.884722 | 26.8 | 33.6805 | 302.974306 | 26.76 | 33.7037 |
| 302.795486 | 26.92 | 33.6225 | 302.885069 | 26.8 | 33.6693 | 302.974653 | 26.76 | 33.7105 |
| 302.795833 | 26.92 | 33.5642 | 302.885417 | 26.8 | 33.6693 | 302.975 | 26.76 | 33.7105 |
| 302.796181 | 26.91 | 33.6204 | 302.885764 | 26.8 | 33.6625 | 302.975347 | 26.76 | 33.7037 |
| 302.796528 | 26.91 | 33.6159 | 302.886111 | 26.8 | 33.6693 | 302.975694 | 26.76 | 33.715 |
| 302.796875 | 26.91 | 33.6047 | 302.886458 | 26.8 | 33.6873 | 302.976042 | 26.75 | 33.7197 |
| 302.797222 | 26.92 | 33.6157 | 302.886806 | 26.8 | 33.6625 | 302.976389 | 26.76 | 33.7105 |
| 302.797569 | 26.91 | 33.6204 | 302.887153 | 26.8 | 33.6648 | 302.976736 | 26.75 | 33.7151 |
| 302.797917 | 26.92 | 33.6157 | 302.8875 | 26.8 | 33.6648 | 302.977083 | 26.75 | 33.7084 |
| 302.798264 | 26.91 | 33.6159 | 302.887847 | 26.8 | 33.658 | 302.977431 | 26.75 | 33.7151 |
| 302.798611 | 26.92 | 33.6337 | 302.888194 | 26.8 | 33.6648 | 302.977778 | 26.76 | 33.7037 |
| 302.798958 | 26.92 | 33.627 | 302.888542 | 26.8 | 33.6468 | 302.978125 | 26.76 | 33.6857 |
| 302.799306 | 26.92 | 33.5933 | 302.888889 | 26.8 | 33.6625 | 302.978472 | 26.75 | 33.6971 |
| 302.799653 | 26.91 | 33.6204 | 302.889236 | 26.8 | 33.6648 | 302.978819 | 26.75 | 33.6971 |
| 302.8 | 26.92 | 33.6157 | 302.889583 | 26.8 | 33.676 | 302.979167 | 26.75 | 33.6858 |
| 302.800347 | 26.91 | 33.6383 | 302.889931 | 26.8 | 33.6805 | 302.979514 | 26.75 | 33.7016 |
| 302.800694 | 26.91 | 33.6136 | 302.890278 | 26.8 | 33.6693 | 302.979861 | 26.75 | 33.6858 |
| 302.801042 | 26.91 | 33.6271 | 302.890625 | 26.8 | 33.6693 | 302.980208 | 26.76 | 33.6879 |
| 302.801389 | 26.91 | 33.6316 | 302.890972 | 26.79 | 33.6627 | 302.980556 | 26.76 | 33.6767 |
| 302.801736 | 26.91 | 33.6383 | 302.891319 | 26.79 | 33.6694 | 302.980903 | 26.77 | 33.672 |
| 302.802083 | 26.91 | 33.6271 | 302.891667 | 26.79 | 33.6852 | 302.98125 | 26.8 | 33.6625 |
| 302.802431 | 26.91 | 33.6136 | 302.892014 | 26.79 | 33.6852 | 302.981597 | 26.81 | 33.6759 |
| 302.802778 | 26.89 | 33.6409 | 302.892361 | 26.79 | 33.6807 | 302.981944 | 26.89 | 33.6274 |
| 302.803125 | 26.91 | 33.6136 | 302.892708 | 26.79 | 33.6739 | 302.982292 | 26.92 | 33.6068 |
| 302.803472 | 26.89 | 33.6229 | 302.893056 | 26.79 | 33.6739 | 302.982639 | 26.96 | 33.5591 |
| 302.803819 | 26.89 | 33.614 | 302.893403 | 26.77 | 33.6945 | 302.982986 | 26.97 | 33.5836 |
| 302.804167 | 26.89 | 33.6364 | 302.89375 | 26.79 | 33.6739 | 302.983333 | 26.97 | 33.5724 |
| 302.804514 | 26.89 | 33.6184 | 302.894097 | 26.79 | 33.6627 | 302.983681 | 26.97 | 33.5657 |
| 302.804861 | 26.89 | 33.6229 | 302.894444 | 26.77 | 33.6653 | 302.984028 | 26.96 | 33.577 |
| 302.805208 | 26.89 | 33.6229 | 302.894792 | 26.77 | 33.6833 | 302.984375 | 26.96 | 33.5703 |
| 302.805556 | 26.89 | 33.6364 | 302.895139 | 26.77 | 33.6765 | 302.984722 | 26.96 | 33.577 |
| 302.805903 | 26.89 | 33.6297 | 302.895486 | 26.77 | 33.6653 | 302.985069 | 26.95 | 33.5705 |
| 302.80625 | 26.89 | 33.6297 | 302.895833 | 26.77 | 33.69 | 302.985417 | 26.95 | 33.6041 |
| 302.806597 | 26.89 | 33.6297 | 302.896181 | 26.77 | 33.6788 | 302.985764 | 26.95 | 33.5817 |
| 302.806944 | 26.88 | 33.6388 | 302.896528 | 26.77 | 33.6833 | 302.986111 | 26.95 | 33.5705 |
| 302.807292 | 26.88 | 33.6276 | 302.896875 | 26.77 | 33.6765 | 302.986458 | 26.95 | 33.5772 |
| 302.807639 | 26.88 | 33.6343 | 302.897222 | 26.77 | 33.6675 | 302.986806 | 26.93 | 33.5842 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.807986 | 26.88 | 33.6455 | 302.897569 | 26.77 | 33.69 | 302.987153 | 26.95 | 33.5817 |
| 302.808333 | 26.88 | 33.6455 | 302.897917 | 26.77 | 33.6833 | 302.9875 | 26.95 | 33.5929 |
| 302.808681 | 26.88 | 33.6388 | 302.898264 | 26.77 | 33.6833 | 302.987847 | 26.95 | 33.5817 |
| 302.809028 | 26.88 | 33.6523 | 302.898611 | 26.77 | 33.7013 | 302.988194 | 26.93 | 33.5842 |
| 302.809375 | 26.89 | 33.6476 | 302.898958 | 26.77 | 33.69 | 302.988542 | 26.93 | 33.5954 |
| 302.809722 | 26.88 | 33.6343 | 302.899306 | 26.77 | 33.7013 | 302.988889 | 26.93 | 33.5909 |
| 302.810069 | 26.88 | 33.6455 | 302.899653 | 26.77 | 33.69 | 302.989236 | 26.93 | 33.5954 |
| 302.810417 | 26.88 | 33.6343 | 302.9 | 26.77 | 33.6788 | 302.989583 | 26.93 | 33.5909 |
| 302.810764 | 26.88 | 33.6343 | 302.900347 | 26.77 | 33.6833 | 302.989931 | 26.93 | 33.6021 |
| 302.811111 | 26.88 | 33.6231 | 302.900694 | 26.77 | 33.6653 | 302.990278 | 26.93 | 33.5663 |
| 302.811458 | 26.88 | 33.6343 | 302.901042 | 26.77 | 33.69 | 302.990625 | 26.93 | 33.573 |
| 302.811806 | 26.88 | 33.6164 | 302.901389 | 26.77 | 33.6833 | 302.990972 | 26.93 | 33.573 |
| 302.812153 | 26.88 | 33.6343 | 302.901736 | 26.76 | 33.6812 | 302.991319 | 26.93 | 33.5775 |
| 302.8125 | 26.88 | 33.6343 | 302.902083 | 26.76 | 33.6947 | 302.991667 | 26.92 | 33.5844 |
| 302.812847 | 26.88 | 33.6343 | 302.902431 | 26.76 | 33.6992 | 302.992014 | 26.92 | 33.5776 |
| 302.813194 | 26.88 | 33.65 | 302.902778 | 26.76 | 33.6767 | 302.992361 | 26.92 | 33.6135 |
| 302.813542 | 26.88 | 33.6231 | 302.903125 | 26.76 | 33.6834 | 302.992708 | 26.92 | 33.5956 |
| 302.813889 | 26.88 | 33.6231 | 302.903472 | 26.75 | 33.6881 | 302.993056 | 26.92 | 33.5776 |
| 302.814236 | 26.88 | 33.6343 | 302.903819 | 26.75 | 33.6746 | 302.993403 | 26.92 | 33.5776 |
| 302.814583 | 26.88 | 33.6523 | 302.904167 | 26.75 | 33.7039 | 302.99375 | 26.91 | 33.5935 |
| 302.814931 | 26.88 | 33.6276 | 302.904514 | 26.75 | 33.6994 | 302.994097 | 26.91 | 33.5935 |
| 302.815278 | 26.88 | 33.6388 | 302.904861 | 26.75 | 33.6858 | 302.994444 | 26.89 | 33.6027 |
| 302.815625 | 26.88 | 33.6343 | 302.905208 | 26.75 | 33.6926 | 302.994792 | 26.91 | 33.6069 |
| 302.815972 | 26.88 | 33.6343 | 302.905556 | 26.75 | 33.6994 | 302.995139 | 26.91 | 33.5823 |
| 302.816319 | 26.88 | 33.6231 | 302.905903 | 26.75 | 33.6746 | 302.995486 | 26.91 | 33.6181 |
| 302.816667 | 26.88 | 33.6388 | 302.90625 | 26.75 | 33.6701 | 302.995833 | 26.91 | 33.6047 |
| 302.817014 | 26.88 | 33.6455 | 302.906597 | 26.73 | 33.6907 | 302.996181 | 26.89 | 33.6252 |
| 302.817361 | 26.88 | 33.6276 | 302.906944 | 26.73 | 33.7019 | 302.996528 | 26.89 | 33.614 |
| 302.817708 | 26.88 | 33.6388 | 302.907292 | 26.73 | 33.7087 | 302.996875 | 26.89 | 33.6095 |
| 302.818056 | 26.88 | 33.6568 | 302.907639 | 26.73 | 33.6794 | 302.997222 | 26.89 | 33.6252 |
| 302.818403 | 26.88 | 33.6321 | 302.907986 | 26.73 | 33.7132 | 302.997569 | 26.89 | 33.6207 |
| 302.81875 | 26.88 | 33.6208 | 302.908333 | 26.73 | 33.6907 | 302.997917 | 26.88 | 33.6074 |
| 302.819097 | 26.88 | 33.6388 | 302.908681 | 26.75 | 33.6926 | 302.998264 | 26.88 | 33.6029 |
| 302.819444 | 26.88 | 33.6388 | 302.909028 | 26.75 | 33.7039 | 302.998611 | 26.88 | 33.6029 |
| 302.819792 | 26.88 | 33.6455 | 302.909375 | 26.75 | 33.6813 | 302.998958 | 26.88 | 33.6141 |
| 302.820139 | 26.88 | 33.6455 | 302.909722 | 26.75 | 33.6994 | 302.999306 | 26.87 | 33.5896 |
| 302.820486 | 26.88 | 33.65 | 302.910069 | 26.75 | 33.6926 | 302.999653 | 26.88 | 33.6029 |
| 302.820833 | 26.88 | 33.6276 | 302.910417 | 26.75 | 33.7106 | 303 | 26.87 | 33.612 |
| 302.821181 | 26.88 | 33.6276 | 302.910764 | 26.75 | 33.6881 | 303.000347 | 26.87 | 33.612 |
| 302.821528 | 26.88 | 33.6343 | 302.911111 | 26.75 | 33.6926 | 303.000694 | 26.88 | 33.6074 |
| 302.821875 | 26.88 | 33.6276 | 302.911458 | 26.75 | 33.6813 | 303.001042 | 26.88 | 33.6141 |
| 302.822222 | 26.88 | 33.6321 | 302.911806 | 26.76 | 33.6924 | 303.001389 | 26.88 | 33.6186 |
| 302.822569 | 26.88 | 33.6388 | 302.912153 | 26.75 | 33.6881 | 303.001736 | 26.88 | 33.6186 |
| 302.822917 | 26.88 | 33.6388 | 302.9125 | 26.75 | 33.6746 | 303.002083 | 26.88 | 33.6186 |
| 302.823264 | 26.88 | 33.6388 | 302.912847 | 26.75 | 33.6858 | 303.002431 | 26.88 | 33.6186 |
| 302.823611 | 26.88 | 33.6388 | 302.913194 | 26.75 | 33.6926 | 303.002778 | 26.88 | 33.6074 |
| 302.823958 | 26.88 | 33.6276 | 302.913542 | 26.75 | 33.7151 | 303.003125 | 26.88 | 33.6141 |
| 302.824306 | 26.88 | 33.6321 | 302.913889 | 26.75 | 33.6881 | 303.003472 | 26.88 | 33.6208 |
| 302.824653 | 26.88 | 33.6321 | 302.914236 | 26.75 | 33.6813 | 303.003819 | 26.87 | 33.6053 |
| 302.825 | 26.88 | 33.6388 | 302.914583 | 26.75 | 33.6858 | 303.004167 | 26.85 | 33.628 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 302.825347 | 26.88 | 33.6455 | 302.914931 | 26.73 | 33.7019 | 303.004514 | 26.85 | 33.6325 |
| 302.825694 | 26.88 | 33.6455 | 302.915278 | 26.75 | 33.6813 | 303.004861 | 26.87 | 33.6232 |
| 302.826042 | 26.88 | 33.6276 | 302.915625 | 26.75 | 33.6634 | 303.005208 | 26.85 | 33.6213 |
| 302.826389 | 26.88 | 33.6388 | 302.915972 | 26.75 | 33.6768 | 303.005556 | 26.85 | 33.6213 |
| 302.826736 | 26.88 | 33.6343 | 302.916319 | 26.73 | 33.7019 | 303.005903 | 26.85 | 33.6213 |
| 302.827083 | 26.87 | 33.6367 | 302.916667 | 26.73 | 33.7132 | 303.00625 | 26.87 | 33.6188 |
| 302.827431 | 26.88 | 33.6388 | 302.917014 | 26.73 | 33.7087 | 303.006597 | 26.85 | 33.6393 |
| 302.827778 | 26.88 | 33.6455 | 302.917361 | 26.73 | 33.7087 | 303.006944 | 26.85 | 33.6213 |
| 302.828125 | 26.88 | 33.6433 | 302.917708 | 26.73 | 33.7087 | | | |

DPS8-2

| Julian Date | Temp | Salinity | Julian Date | Temp | Salinity | Julian Date | Temp | Salinity |
|---|---|---|---|---|---|---|---|---|
| 303.206944 | 26.88 | 33.738 | 303.288889 | 26.37 | 33.7694 | 303.370833 | 26.61 | 33.7468 |
| 303.207292 | 26.88 | 33.6478 | 303.289236 | 26.37 | 33.7694 | 303.371181 | 26.61 | 33.7355 |
| 303.207639 | 27.04 | 33.5871 | 303.289583 | 26.37 | 33.7649 | 303.371528 | 26.61 | 33.7198 |
| 303.207986 | 27.11 | 33.5458 | 303.289931 | 26.37 | 33.7716 | 303.371875 | 26.61 | 33.7468 |
| 303.208333 | 27.12 | 33.4965 | 303.290278 | 26.37 | 33.7536 | 303.372222 | 26.61 | 33.7423 |
| 303.208681 | 27.15 | 33.5005 | 303.290625 | 26.37 | 33.7829 | 303.372569 | 26.61 | 33.7423 |
| 303.209028 | 27.17 | 33.478 | 303.290972 | 26.37 | 33.7761 | 303.372917 | 26.61 | 33.7581 |
| 303.209375 | 27.2 | 33.4731 | 303.291319 | 26.37 | 33.7649 | 303.373264 | 26.61 | 33.7536 |
| 303.209722 | 27.2 | 33.4842 | 303.291667 | 26.37 | 33.7694 | 303.373611 | 26.61 | 33.7355 |
| 303.210069 | 27.2 | 33.4486 | 303.292014 | 26.36 | 33.7651 | 303.373958 | 26.61 | 33.731 |
| 303.210417 | 27.21 | 33.4418 | 303.292361 | 26.37 | 33.7694 | 303.374306 | 26.61 | 33.731 |
| 303.210764 | 27.23 | 33.4215 | 303.292708 | 26.39 | 33.778 | 303.374653 | 26.61 | 33.7581 |
| 303.211111 | 27.24 | 33.428 | 303.293056 | 26.39 | 33.7667 | 303.375 | 26.61 | 33.731 |
| 303.211458 | 27.24 | 33.4258 | 303.293403 | 26.4 | 33.7665 | 303.375347 | 26.61 | 33.7355 |
| 303.211806 | 27.25 | 33.4146 | 303.29375 | 26.4 | 33.7508 | 303.375694 | 26.61 | 33.7604 |
| 303.212153 | 27.25 | 33.4257 | 303.294097 | 26.4 | 33.7575 | 303.376042 | 26.61 | 33.7355 |
| 303.2125 | 27.25 | 33.4146 | 303.294444 | 26.39 | 33.76 | 303.376389 | 26.61 | 33.7355 |
| 303.212847 | 27.25 | 33.4368 | 303.294792 | 26.4 | 33.7575 | 303.376736 | 26.61 | 33.7423 |
| 303.213194 | 27.25 | 33.4257 | 303.295139 | 26.39 | 33.7555 | 303.377083 | 26.61 | 33.7423 |
| 303.213542 | 27.25 | 33.4301 | 303.295486 | 26.4 | 33.762 | 303.377431 | 26.61 | 33.731 |
| 303.213889 | 27.25 | 33.4368 | 303.295833 | 26.4 | 33.7665 | 303.377778 | 26.61 | 33.7423 |
| 303.214236 | 27.27 | 33.4143 | 303.296181 | 26.41 | 33.7461 | 303.378125 | 26.61 | 33.7423 |
| 303.214583 | 27.27 | 33.4032 | 303.296528 | 26.41 | 33.7618 | 303.378472 | 26.61 | 33.74 |
| 303.214931 | 27.25 | 33.4235 | 303.296875 | 26.41 | 33.7753 | 303.378819 | 26.61 | 33.7423 |
| 303.215278 | 27.25 | 33.4013 | 303.297222 | 26.41 | 33.7506 | 303.379167 | 26.61 | 33.7423 |
| 303.215625 | 27.25 | 33.4235 | 303.297569 | 26.41 | 33.7506 | 303.379514 | 26.61 | 33.7468 |
| 303.215972 | 27.24 | 33.4103 | 303.297917 | 26.41 | 33.7641 | 303.379861 | 26.61 | 33.7423 |
| 303.216319 | 27.24 | 33.4214 | 303.298264 | 26.41 | 33.7686 | 303.380208 | 26.61 | 33.7468 |
| 303.216667 | 27.24 | 33.4325 | 303.298611 | 26.41 | 33.7753 | 303.380556 | 26.61 | 33.7423 |
| 303.217014 | 27.23 | 33.4082 | 303.298958 | 26.43 | 33.7659 | 303.380903 | 26.61 | 33.7468 |
| 303.217361 | 27.21 | 33.4462 | 303.299306 | 26.43 | 33.7412 | 303.38125 | 26.61 | 33.7468 |
| 303.217708 | 27.21 | 33.4285 | 303.299653 | 26.43 | 33.7659 | 303.381597 | 26.61 | 33.7355 |
| 303.218056 | 27.23 | 33.4193 | 303.3 | 26.44 | 33.75 | 303.381944 | 26.61 | 33.7355 |
| 303.218403 | 27.21 | 33.4174 | 303.300347 | 26.44 | 33.7432 | 303.382292 | 26.61 | 33.7243 |
| 303.21875 | 27.2 | 33.4441 | 303.300694 | 26.44 | 33.777 | 303.382639 | 26.61 | 33.7468 |
| 303.219097 | 27.21 | 33.4129 | 303.301042 | 26.44 | 33.7545 | 303.382986 | 26.6 | 33.7402 |
| 303.219444 | 27.19 | 33.4332 | 303.301389 | 26.48 | 33.7357 | 303.383333 | 26.61 | 33.7491 |
| 303.219792 | 27.19 | 33.4376 | 303.301736 | 26.47 | 33.7336 | 303.383681 | 26.61 | 33.7423 |
| 303.220139 | 27.15 | 33.4626 | 303.302083 | 26.47 | 33.7516 | 303.384028 | 26.61 | 33.7423 |
| 303.220486 | 27.11 | 33.4743 | 303.302431 | 26.47 | 33.7336 | 303.384375 | 26.61 | 33.731 |
| 303.220833 | 27.09 | 33.4613 | 303.302778 | 26.48 | 33.7402 | 303.384722 | 26.61 | 33.7468 |
| 303.221181 | 27.07 | 33.4816 | 303.303125 | 26.48 | 33.7582 | 303.385069 | 26.61 | 33.7423 |
| 303.221528 | 27.03 | 33.4822 | 303.303472 | 26.48 | 33.7469 | 303.385417 | 26.6 | 33.7515 |
| 303.221875 | 27.04 | 33.4954 | 303.303819 | 26.49 | 33.7355 | 303.385764 | 26.6 | 33.7583 |
| 303.222222 | 27.07 | 33.4638 | 303.304167 | 26.51 | 33.7396 | 303.386111 | 26.6 | 33.7515 |
| 303.222569 | 27.12 | 33.4697 | 303.304514 | 26.51 | 33.7509 | 303.386458 | 26.6 | 33.7222 |
| 303.222917 | 27.11 | 33.4632 | 303.304861 | 26.51 | 33.7441 | 303.386806 | 26.6 | 33.747 |
| 303.223264 | 27.12 | 33.4653 | 303.305208 | 26.52 | 33.7282 | 303.387153 | 26.59 | 33.7585 |
| 303.223611 | 27.16 | 33.4292 | 303.305556 | 26.53 | 33.7415 | 303.3875 | 26.6 | 33.7628 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.223958 | 27.19 | 33.4154 | 303.305903 | 26.53 | 33.728 | 303.387847 | 26.6 | 33.7357 |
| 303.224306 | 27.2 | 33.4175 | 303.30625 | 26.53 | 33.7528 | 303.388194 | 26.6 | 33.7515 |
| 303.224653 | 27.23 | 33.4015 | 303.306597 | 26.53 | 33.7573 | 303.388542 | 26.6 | 33.7515 |
| 303.225 | 27.25 | 33.3924 | 303.306944 | 26.55 | 33.7299 | 303.388889 | 26.6 | 33.747 |
| 303.225347 | 27.24 | 33.4081 | 303.307292 | 26.55 | 33.7186 | 303.389236 | 26.59 | 33.7404 |
| 303.225694 | 27.23 | 33.426 | 303.307639 | 26.55 | 33.7299 | 303.389583 | 26.59 | 33.7449 |
| 303.226042 | 27.19 | 33.4421 | 303.307986 | 26.56 | 33.7319 | 303.389931 | 26.59 | 33.7562 |
| 303.226389 | 27.19 | 33.431 | 303.308333 | 26.55 | 33.7366 | 303.390278 | 26.59 | 33.7449 |
| 303.226736 | 27.16 | 33.4336 | 303.308681 | 26.55 | 33.7366 | 303.390625 | 26.59 | 33.7449 |
| 303.227083 | 27.17 | 33.4579 | 303.309028 | 26.55 | 33.7479 | 303.390972 | 26.59 | 33.7517 |
| 303.227431 | 27.19 | 33.4532 | 303.309375 | 26.55 | 33.7411 | 303.391319 | 26.59 | 33.7404 |
| 303.227778 | 27.19 | 33.4421 | 303.309722 | 26.56 | 33.7319 | 303.391667 | 26.59 | 33.7517 |
| 303.228125 | 27.19 | 33.4487 | 303.310069 | 26.56 | 33.7207 | 303.392014 | 26.59 | 33.7404 |
| 303.228472 | 27.17 | 33.4579 | 303.310417 | 26.56 | 33.7319 | 303.392361 | 26.59 | 33.7404 |
| 303.228819 | 27.17 | 33.469 | 303.310764 | 26.56 | 33.7432 | 303.392708 | 26.59 | 33.7517 |
| 303.229167 | 27.17 | 33.4579 | 303.311111 | 26.56 | 33.7364 | 303.393056 | 26.59 | 33.7449 |
| 303.229514 | 27.16 | 33.4514 | 303.311458 | 26.57 | 33.7385 | 303.393403 | 26.59 | 33.7336 |
| 303.229861 | 27.16 | 33.4625 | 303.311806 | 26.57 | 33.7317 | 303.39375 | 26.57 | 33.7475 |
| 303.230208 | 27.21 | 33.4262 | 303.312153 | 26.57 | 33.743 | 303.394097 | 26.57 | 33.7498 |
| 303.230556 | 27.21 | 33.4396 | 303.3125 | 26.57 | 33.7317 | 303.394444 | 26.57 | 33.7611 |
| 303.230903 | 27.2 | 33.4486 | 303.312847 | 26.57 | 33.7205 | 303.394792 | 26.57 | 33.7678 |
| 303.23125 | 27.21 | 33.4329 | 303.313194 | 26.57 | 33.7317 | 303.395139 | 26.57 | 33.7611 |
| 303.231597 | 27.2 | 33.4441 | 303.313542 | 26.59 | 33.7224 | 303.395486 | 26.57 | 33.7611 |
| 303.231944 | 27.21 | 33.4174 | 303.313889 | 26.59 | 33.7224 | 303.395833 | 26.57 | 33.7724 |
| 303.232292 | 27.19 | 33.4376 | 303.314236 | 26.59 | 33.7111 | 303.396181 | 26.57 | 33.7611 |
| 303.232639 | 27.19 | 33.4532 | 303.314583 | 26.59 | 33.7449 | 303.396528 | 26.57 | 33.7543 |
| 303.232986 | 27.15 | 33.4671 | 303.314931 | 26.57 | 33.7137 | 303.396875 | 26.57 | 33.7678 |
| 303.233333 | 27.15 | 33.4782 | 303.315278 | 26.57 | 33.7453 | 303.397222 | 26.57 | 33.7543 |
| 303.233681 | 27.09 | 33.5058 | 303.315625 | 26.59 | 33.7224 | 303.397569 | 26.57 | 33.7498 |
| 303.234028 | 27.12 | 33.4853 | 303.315972 | 26.59 | 33.7336 | 303.397917 | 26.57 | 33.7724 |
| 303.234375 | 27.08 | 33.5104 | 303.316319 | 26.57 | 33.7272 | 303.398264 | 26.57 | 33.7656 |
| 303.234722 | 27.07 | 33.5039 | 303.316667 | 26.57 | 33.743 | 303.398611 | 26.57 | 33.7385 |
| 303.235069 | 27.05 | 33.5064 | 303.317014 | 26.59 | 33.7066 | 303.398958 | 26.56 | 33.7658 |
| 303.235417 | 27.05 | 33.5287 | 303.317361 | 26.59 | 33.7224 | 303.399306 | 26.57 | 33.743 |
| 303.235764 | 27.03 | 33.5223 | 303.317708 | 26.59 | 33.7224 | 303.399653 | 26.56 | 33.7545 |
| 303.236111 | 26.96 | 33.5591 | 303.318056 | 26.59 | 33.7336 | 303.4 | 26.56 | 33.7477 |
| 303.236458 | 26.99 | 33.5676 | 303.318403 | 26.59 | 33.7336 | 303.400347 | 26.56 | 33.7658 |
| 303.236806 | 26.93 | 33.5574 | 303.31875 | 26.59 | 33.7269 | 303.400694 | 26.56 | 33.759 |
| 303.237153 | 26.95 | 33.5481 | 303.319097 | 26.59 | 33.7517 | 303.401042 | 26.56 | 33.7725 |
| 303.2375 | 26.93 | 33.5752 | 303.319444 | 26.57 | 33.7272 | 303.401389 | 26.56 | 33.7658 |
| 303.237847 | 26.93 | 33.5797 | 303.319792 | 26.57 | 33.743 | 303.401736 | 26.56 | 33.7703 |
| 303.238194 | 26.93 | 33.5507 | 303.320139 | 26.57 | 33.7317 | 303.402083 | 26.56 | 33.759 |
| 303.238542 | 26.92 | 33.5732 | 303.320486 | 26.57 | 33.7272 | 303.402431 | 26.56 | 33.759 |
| 303.238889 | 26.92 | 33.5844 | 303.320833 | 26.57 | 33.7385 | 303.402778 | 26.56 | 33.7658 |
| 303.239236 | 26.95 | 33.5526 | 303.321181 | 26.57 | 33.743 | 303.403125 | 26.56 | 33.7725 |
| 303.239583 | 26.93 | 33.5574 | 303.321528 | 26.57 | 33.7317 | 303.403472 | 26.56 | 33.7703 |
| 303.239931 | 26.95 | 33.5593 | 303.321875 | 26.57 | 33.7205 | 303.403819 | 26.56 | 33.759 |
| 303.240278 | 26.91 | 33.5711 | 303.322222 | 26.57 | 33.7453 | 303.404167 | 26.56 | 33.7703 |
| 303.240625 | 26.93 | 33.5618 | 303.322569 | 26.57 | 33.7498 | 303.404514 | 26.56 | 33.7658 |
| 303.240972 | 26.92 | 33.5665 | 303.322917 | 26.59 | 33.7224 | 303.404861 | 26.56 | 33.759 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.241319 | 26.89 | 33.5871 | 303.323264 | 26.57 | 33.7205 | 303.405208 | 26.56 | 33.7703 |
| 303.241667 | 26.85 | 33.5877 | 303.323611 | 26.56 | 33.7319 | 303.405556 | 26.56 | 33.7703 |
| 303.242014 | 26.87 | 33.5963 | 303.323958 | 26.56 | 33.7364 | 303.405903 | 26.56 | 33.7477 |
| 303.242361 | 26.85 | 33.6123 | 303.324306 | 26.56 | 33.7545 | 303.40625 | 26.56 | 33.7816 |
| 303.242708 | 26.85 | 33.5944 | 303.324653 | 26.56 | 33.75 | 303.406597 | 26.56 | 33.7658 |
| 303.243056 | 26.84 | 33.5923 | 303.325 | 26.56 | 33.7364 | 303.406944 | 26.55 | 33.7705 |
| 303.243403 | 26.87 | 33.5919 | 303.325347 | 26.57 | 33.7272 | 303.407292 | 26.55 | 33.7524 |
| 303.24375 | 26.89 | 33.5826 | 303.325694 | 26.56 | 33.7545 | 303.407639 | 26.55 | 33.7772 |
| 303.244097 | 26.87 | 33.5784 | 303.326042 | 26.56 | 33.7364 | 303.407986 | 26.55 | 33.7592 |
| 303.244444 | 26.84 | 33.6058 | 303.326389 | 26.55 | 33.7479 | 303.408333 | 26.53 | 33.7686 |
| 303.244792 | 26.84 | 33.6215 | 303.326736 | 26.55 | 33.7299 | 303.408681 | 26.53 | 33.7686 |
| 303.245139 | 26.84 | 33.5946 | 303.327083 | 26.56 | 33.7364 | 303.409028 | 26.53 | 33.7618 |
| 303.245486 | 26.83 | 33.6149 | 303.327431 | 26.57 | 33.7317 | 303.409375 | 26.53 | 33.7686 |
| 303.245833 | 26.81 | 33.6018 | 303.327778 | 26.57 | 33.725 | 303.409722 | 26.52 | 33.7733 |
| 303.246181 | 26.81 | 33.5906 | 303.328125 | 26.57 | 33.7363 | 303.410069 | 26.52 | 33.7733 |
| 303.246528 | 26.81 | 33.6197 | 303.328472 | 26.59 | 33.7179 | 303.410417 | 26.52 | 33.7484 |
| 303.246875 | 26.8 | 33.6176 | 303.328819 | 26.59 | 33.7224 | 303.410764 | 26.52 | 33.762 |
| 303.247222 | 26.81 | 33.6085 | 303.329167 | 26.59 | 33.7449 | 303.411111 | 26.52 | 33.7552 |
| 303.247569 | 26.8 | 33.6176 | 303.329514 | 26.6 | 33.7425 | 303.411458 | 26.52 | 33.762 |
| 303.247917 | 26.79 | 33.6111 | 303.329861 | 26.61 | 33.7018 | 303.411806 | 26.53 | 33.7686 |
| 303.248264 | 26.76 | 33.643 | 303.330208 | 26.61 | 33.7243 | 303.412153 | 26.52 | 33.7552 |
| 303.248611 | 26.79 | 33.6223 | 303.330556 | 26.61 | 33.7243 | 303.4125 | 26.52 | 33.7733 |
| 303.248958 | 26.8 | 33.6356 | 303.330903 | 26.61 | 33.7243 | 303.412847 | 26.52 | 33.762 |
| 303.249306 | 26.77 | 33.6204 | 303.33125 | 26.63 | 33.7149 | 303.413194 | 26.52 | 33.7913 |
| 303.249653 | 26.73 | 33.6345 | 303.331597 | 26.63 | 33.7217 | 303.413542 | 26.52 | 33.7733 |
| 303.25 | 26.75 | 33.6364 | 303.331944 | 26.63 | 33.7329 | 303.413889 | 26.52 | 33.7846 |
| 303.250347 | 26.73 | 33.639 | 303.332292 | 26.63 | 33.7217 | 303.414236 | 26.52 | 33.7778 |
| 303.250694 | 26.72 | 33.6549 | 303.332639 | 26.64 | 33.7102 | 303.414583 | 26.52 | 33.7846 |
| 303.251042 | 26.76 | 33.6362 | 303.332986 | 26.64 | 33.7215 | 303.414931 | 26.52 | 33.7733 |
| 303.251389 | 26.73 | 33.6457 | 303.333333 | 26.64 | 33.7283 | 303.415278 | 26.51 | 33.7667 |
| 303.251736 | 26.76 | 33.6497 | 303.333681 | 26.64 | 33.7215 | 303.415625 | 26.51 | 33.7667 |
| 303.252083 | 26.73 | 33.6525 | 303.334028 | 26.64 | 33.717 | 303.415972 | 26.51 | 33.8006 |
| 303.252431 | 26.71 | 33.6551 | 303.334375 | 26.64 | 33.7215 | 303.416319 | 26.51 | 33.7825 |
| 303.252778 | 26.71 | 33.6663 | 303.334722 | 26.64 | 33.7283 | 303.416667 | 26.51 | 33.778 |
| 303.253125 | 26.71 | 33.6663 | 303.335069 | 26.64 | 33.7147 | 303.417014 | 26.51 | 33.7847 |
| 303.253472 | 26.68 | 33.6623 | 303.335417 | 26.64 | 33.7283 | 303.417361 | 26.51 | 33.7847 |
| 303.253819 | 26.67 | 33.667 | 303.335764 | 26.64 | 33.7328 | 303.417708 | 26.51 | 33.7667 |
| 303.254167 | 26.65 | 33.6898 | 303.336111 | 26.64 | 33.7283 | 303.418056 | 26.51 | 33.778 |
| 303.254514 | 26.65 | 33.6831 | 303.336458 | 26.64 | 33.7057 | 303.418403 | 26.51 | 33.778 |
| 303.254861 | 26.65 | 33.6718 | 303.336806 | 26.64 | 33.7102 | 303.41875 | 26.51 | 33.778 |
| 303.255208 | 26.67 | 33.667 | 303.337153 | 26.64 | 33.7215 | 303.419097 | 26.51 | 33.7712 |
| 303.255556 | 26.67 | 33.6782 | 303.3375 | 26.64 | 33.7215 | 303.419444 | 26.51 | 33.778 |
| 303.255903 | 26.69 | 33.6576 | 303.337847 | 26.64 | 33.717 | 303.419792 | 26.51 | 33.7599 |
| 303.25625 | 26.69 | 33.6981 | 303.338194 | 26.64 | 33.7035 | 303.420139 | 26.49 | 33.7693 |
| 303.256597 | 26.72 | 33.6571 | 303.338542 | 26.64 | 33.7215 | 303.420486 | 26.49 | 33.7987 |
| 303.256944 | 26.69 | 33.6824 | 303.338889 | 26.64 | 33.7102 | 303.420833 | 26.49 | 33.7874 |
| 303.257292 | 26.73 | 33.657 | 303.339236 | 26.64 | 33.7283 | 303.421181 | 26.49 | 33.7874 |
| 303.257639 | 26.72 | 33.6549 | 303.339583 | 26.64 | 33.7057 | 303.421528 | 26.49 | 33.7806 |
| 303.257986 | 26.69 | 33.6644 | 303.339931 | 26.64 | 33.7102 | 303.421875 | 26.49 | 33.7874 |
| 303.258333 | 26.68 | 33.6803 | 303.340278 | 26.64 | 33.7328 | 303.422222 | 26.49 | 33.7806 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.258681 | 26.68 | 33.6803 | 303.340625 | 26.64 | 33.717 | 303.422569 | 26.49 | 33.7919 |
| 303.259028 | 26.69 | 33.6756 | 303.340972 | 26.64 | 33.7215 | 303.422917 | 26.49 | 33.7693 |
| 303.259375 | 26.69 | 33.6756 | 303.341319 | 26.64 | 33.7283 | 303.423264 | 26.49 | 33.7874 |
| 303.259722 | 26.67 | 33.6805 | 303.341667 | 26.64 | 33.7283 | 303.423611 | 26.49 | 33.7761 |
| 303.260069 | 26.68 | 33.6623 | 303.342014 | 26.64 | 33.717 | 303.423958 | 26.49 | 33.7874 |
| 303.260417 | 26.68 | 33.6803 | 303.342361 | 26.64 | 33.7215 | 303.424306 | 26.49 | 33.7806 |
| 303.260764 | 26.65 | 33.6831 | 303.342708 | 26.64 | 33.7102 | 303.424653 | 26.49 | 33.7919 |
| 303.261111 | 26.63 | 33.6857 | 303.343056 | 26.64 | 33.726 | 303.425 | 26.49 | 33.7942 |
| 303.261458 | 26.64 | 33.699 | 303.343403 | 26.64 | 33.726 | 303.425347 | 26.48 | 33.7808 |
| 303.261806 | 26.63 | 33.6969 | 303.34375 | 26.64 | 33.7283 | 303.425694 | 26.48 | 33.7808 |
| 303.262153 | 26.63 | 33.6991 | 303.344097 | 26.64 | 33.7328 | 303.426042 | 26.48 | 33.774 |
| 303.2625 | 26.61 | 33.695 | 303.344444 | 26.64 | 33.7283 | 303.426389 | 26.48 | 33.7808 |
| 303.262847 | 26.61 | 33.7018 | 303.344792 | 26.64 | 33.7283 | 303.426736 | 26.48 | 33.7808 |
| 303.263194 | 26.61 | 33.6905 | 303.345139 | 26.64 | 33.7102 | 303.427083 | 26.48 | 33.7695 |
| 303.263542 | 26.59 | 33.7336 | 303.345486 | 26.64 | 33.7215 | 303.427431 | 26.48 | 33.7808 |
| 303.263889 | 26.6 | 33.6952 | 303.345833 | 26.64 | 33.7102 | 303.427778 | 26.47 | 33.79 |
| 303.264236 | 26.59 | 33.7111 | 303.346181 | 26.64 | 33.7147 | 303.428125 | 26.47 | 33.8036 |
| 303.264583 | 26.59 | 33.6999 | 303.346528 | 26.64 | 33.7102 | 303.428472 | 26.47 | 33.7968 |
| 303.264931 | 26.57 | 33.7092 | 303.346875 | 26.64 | 33.7147 | 303.428819 | 26.47 | 33.7855 |
| 303.265278 | 26.56 | 33.7072 | 303.347222 | 26.64 | 33.7215 | 303.429167 | 26.47 | 33.7742 |
| 303.265625 | 26.56 | 33.6959 | 303.347569 | 26.64 | 33.7102 | 303.429514 | 26.47 | 33.7855 |
| 303.265972 | 26.56 | 33.7207 | 303.347917 | 26.64 | 33.7328 | 303.429861 | 26.47 | 33.7855 |
| 303.266319 | 26.56 | 33.7207 | 303.348264 | 26.64 | 33.726 | 303.430208 | 26.47 | 33.7787 |
| 303.266667 | 26.56 | 33.7027 | 303.348611 | 26.64 | 33.7283 | 303.430556 | 26.47 | 33.7855 |
| 303.267014 | 26.56 | 33.7252 | 303.348958 | 26.64 | 33.7102 | 303.430903 | 26.47 | 33.7968 |
| 303.267361 | 26.56 | 33.7207 | 303.349306 | 26.64 | 33.7215 | 303.43125 | 26.47 | 33.7742 |
| 303.267708 | 26.56 | 33.7027 | 303.349653 | 26.64 | 33.7215 | 303.431597 | 26.47 | 33.79 |
| 303.268056 | 26.55 | 33.7141 | 303.35 | 26.64 | 33.7215 | 303.431944 | 26.47 | 33.7923 |
| 303.268403 | 26.56 | 33.7207 | 303.350347 | 26.64 | 33.7215 | 303.432292 | 26.47 | 33.7968 |
| 303.26875 | 26.56 | 33.7207 | 303.350694 | 26.64 | 33.717 | 303.432639 | 26.47 | 33.8036 |
| 303.269097 | 26.56 | 33.7387 | 303.351042 | 26.63 | 33.76 | 303.432986 | 26.47 | 33.79 |
| 303.269444 | 26.56 | 33.7207 | 303.351389 | 26.63 | 33.7081 | 303.433333 | 26.47 | 33.8081 |
| 303.269792 | 26.57 | 33.7272 | 303.351736 | 26.63 | 33.7262 | 303.433681 | 26.47 | 33.7923 |
| 303.270139 | 26.57 | 33.7092 | 303.352083 | 26.63 | 33.7262 | 303.434028 | 26.47 | 33.7855 |
| 303.270486 | 26.55 | 33.7254 | 303.352431 | 26.63 | 33.7149 | 303.434375 | 26.47 | 33.8036 |
| 303.270833 | 26.57 | 33.7092 | 303.352778 | 26.63 | 33.7217 | 303.434722 | 26.47 | 33.7968 |
| 303.271181 | 26.57 | 33.716 | 303.353125 | 26.63 | 33.7329 | 303.435069 | 26.47 | 33.781 |
| 303.271528 | 26.56 | 33.7207 | 303.353472 | 26.63 | 33.7374 | 303.435417 | 26.47 | 33.8081 |
| 303.271875 | 26.56 | 33.7094 | 303.353819 | 26.63 | 33.751 | 303.435764 | 26.45 | 33.7949 |
| 303.272222 | 26.56 | 33.6802 | 303.354167 | 26.63 | 33.7262 | 303.436111 | 26.47 | 33.7923 |
| 303.272569 | 26.56 | 33.6914 | 303.354514 | 26.63 | 33.7194 | 303.436458 | 26.48 | 33.7808 |
| 303.272917 | 26.56 | 33.7252 | 303.354861 | 26.63 | 33.7262 | 303.436806 | 26.48 | 33.774 |
| 303.273264 | 26.56 | 33.7094 | 303.355208 | 26.63 | 33.7329 | 303.437153 | 26.49 | 33.7761 |
| 303.273611 | 26.56 | 33.6982 | 303.355556 | 26.64 | 33.7395 | 303.4375 | 26.51 | 33.7599 |
| 303.273958 | 26.52 | 33.7057 | 303.355903 | 26.63 | 33.7217 | 303.437847 | 26.53 | 33.7505 |
| 303.274306 | 26.51 | 33.7374 | 303.35625 | 26.63 | 33.7149 | 303.438194 | 26.55 | 33.7524 |
| 303.274653 | 26.52 | 33.7102 | 303.356597 | 26.63 | 33.7262 | 303.438542 | 26.59 | 33.7404 |
| 303.275 | 26.53 | 33.728 | 303.356944 | 26.63 | 33.7036 | 303.438889 | 26.59 | 33.7585 |
| 303.275347 | 26.53 | 33.728 | 303.357292 | 26.63 | 33.7329 | 303.439236 | 26.61 | 33.7355 |
| 303.275694 | 26.55 | 33.7141 | 303.357639 | 26.63 | 33.7442 | 303.439583 | 26.63 | 33.7329 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 303.276042 | 26.55 | 33.7141 | 303.357986 | 26.63 | 33.7329 | 303.439931 | 26.64 | 33.7283 |
| 303.276389 | 26.55 | 33.7141 | 303.358333 | 26.63 | 33.751 | 303.440278 | 26.99 | 33.5587 |
| 303.276736 | 26.55 | 33.7029 | 303.358681 | 26.63 | 33.7217 | 303.440625 | 27.23 | 33.4593 |
| 303.277083 | 26.53 | 33.7235 | 303.359028 | 26.63 | 33.7149 | 303.440972 | 27.27 | 33.4232 |
| 303.277431 | 26.55 | 33.7299 | 303.359375 | 26.63 | 33.7104 | 303.441319 | 27.28 | 33.4186 |
| 303.277778 | 26.52 | 33.7282 | 303.359722 | 26.63 | 33.7149 | 303.441667 | 27.29 | 33.4207 |
| 303.278125 | 26.49 | 33.7242 | 303.360069 | 26.63 | 33.7262 | 303.442014 | 27.31 | 33.4094 |
| 303.278472 | 26.49 | 33.7197 | 303.360417 | 26.63 | 33.7194 | 303.442361 | 27.31 | 33.4049 |
| 303.278819 | 26.51 | 33.7374 | 303.360764 | 26.63 | 33.7555 | 303.442708 | 27.31 | 33.416 |
| 303.279167 | 26.49 | 33.731 | 303.361111 | 26.63 | 33.7262 | 303.443056 | 27.29 | 33.4407 |
| 303.279514 | 26.45 | 33.7385 | 303.361458 | 26.63 | 33.7149 | 303.443403 | 27.31 | 33.4316 |
| 303.279861 | 26.45 | 33.7543 | 303.361806 | 26.63 | 33.7081 | 303.44375 | 27.31 | 33.4094 |
| 303.280208 | 26.45 | 33.743 | 303.362153 | 26.63 | 33.7374 | 303.444097 | 27.31 | 33.4383 |
| 303.280556 | 26.47 | 33.7291 | 303.3625 | 26.63 | 33.7442 | 303.444444 | 27.31 | 33.4271 |
| 303.280903 | 26.48 | 33.7469 | 303.362847 | 26.63 | 33.7284 | 303.444792 | 27.29 | 33.4185 |
| 303.28125 | 26.47 | 33.7449 | 303.363194 | 26.63 | 33.7217 | 303.445139 | 27.29 | 33.4407 |
| 303.281597 | 26.45 | 33.7318 | 303.363542 | 26.63 | 33.7217 | 303.445486 | 27.29 | 33.4118 |
| 303.281944 | 26.44 | 33.7432 | 303.363889 | 26.63 | 33.7442 | 303.445833 | 27.29 | 33.4185 |
| 303.282292 | 26.41 | 33.7506 | 303.364236 | 26.61 | 33.7243 | 303.446181 | 27.28 | 33.4453 |
| 303.282639 | 26.41 | 33.7461 | 303.364583 | 26.63 | 33.7329 | 303.446528 | 27.27 | 33.4276 |
| 303.282986 | 26.43 | 33.7412 | 303.364931 | 26.61 | 33.7355 | 303.446875 | 27.27 | 33.4321 |
| 303.283333 | 26.43 | 33.7367 | 303.365278 | 26.63 | 33.7262 | 303.447222 | 27.27 | 33.4388 |
| 303.283681 | 26.43 | 33.7592 | 303.365625 | 26.61 | 33.7423 | 303.447569 | 27.25 | 33.4413 |
| 303.284028 | 26.41 | 33.7641 | 303.365972 | 26.61 | 33.7468 | 303.447917 | 27.25 | 33.4368 |
| 303.284375 | 26.4 | 33.762 | 303.366319 | 26.61 | 33.7355 | 303.448264 | 27.25 | 33.4413 |
| 303.284722 | 26.4 | 33.7508 | 303.366667 | 26.61 | 33.7423 | 303.448611 | 27.25 | 33.4301 |
| 303.285069 | 26.4 | 33.762 | 303.367014 | 26.61 | 33.731 | 303.448958 | 27.25 | 33.4301 |
| 303.285417 | 26.4 | 33.744 | 303.367361 | 26.61 | 33.7536 | 303.449306 | 27.24 | 33.4303 |
| 303.285764 | 26.4 | 33.762 | 303.367708 | 26.61 | 33.7243 | 303.449653 | 27.24 | 33.4525 |
| 303.286111 | 26.39 | 33.7487 | 303.368056 | 26.61 | 33.7581 | 303.45 | 27.24 | 33.4458 |
| 303.286458 | 26.39 | 33.7487 | 303.368403 | 26.61 | 33.7423 | 303.450347 | 27.25 | 33.4368 |
| 303.286806 | 26.39 | 33.751 | 303.36875 | 26.61 | 33.7423 | 303.450694 | 27.25 | 33.4479 |
| 303.287153 | 26.39 | 33.7622 | 303.369097 | 26.61 | 33.7355 | 303.451042 | 27.25 | 33.4368 |
| 303.2875 | 26.39 | 33.7487 | 303.369444 | 26.61 | 33.7491 | 303.451389 | 27.25 | 33.4524 |
| 303.287847 | 26.39 | 33.7555 | 303.369792 | 26.61 | 33.7468 | 303.451736 | 27.27 | 33.4321 |
| 303.288194 | 26.39 | 33.7735 | 303.370139 | 26.61 | 33.7423 | 303.452083 | 27.27 | 33.4276 |
| 303.288542 | 26.39 | 33.7555 | 303.370486 | 26.61 | 33.7423 | | | |

**Appendix F: 5.6.2.2  March 15 – April 26, 2016 SeDep Event – Oscar Pier**

**Appendix F1: Pressure Data**

Sedep1

| Julian Date | Mass | Julian Date | Mass | Julian Date | Mass |
|---|---|---|---|---|---|
| 73.49719 | 0.30724 | 87.62126 | 27.64928 | 101.74626 | 39.38912 |
| 73.53837 | -0.01796 | 87.66293 | 27.69696 | 101.78792 | 39.42241 |
| 73.57950 | 0.00288 | 87.70459 | 27.71169 | 101.82959 | 39.37965 |
| 73.62129 | -0.01554 | 87.74626 | 27.76937 | 101.87126 | 39.42502 |
| 73.66292 | -0.05543 | 87.78793 | 27.87269 | 101.91292 | 39.41355 |
| 73.70459 | -0.02975 | 87.82959 | 27.88800 | 101.95459 | 39.45226 |
| 73.74626 | -0.09091 | 87.87126 | 27.98079 | 101.99626 | 39.43462 |
| 73.78793 | -0.13735 | 87.91293 | 28.02099 | 102.03792 | 39.43867 |
| 73.82959 | -0.11754 | 87.95459 | 28.06750 | 102.07959 | 39.48590 |
| 73.87126 | -0.14553 | 87.99626 | 28.16986 | 102.12126 | 39.48919 |
| 73.91293 | -0.16811 | 88.03793 | 28.17217 | 102.16292 | 39.41605 |
| 73.95459 | -0.20457 | 88.07959 | 28.27541 | 102.20459 | 39.49757 |
| 73.99626 | -0.24210 | 88.12126 | 28.28443 | 102.24626 | 39.46586 |
| 74.03793 | -0.17197 | 88.16293 | 28.35297 | 102.28792 | 39.48904 |
| 74.07959 | -0.23615 | 88.20459 | 28.43644 | 102.32959 | 39.49742 |
| 74.12126 | -0.20162 | 88.24626 | 28.56430 | 102.37126 | 39.48866 |
| 74.16293 | -0.19561 | 88.28793 | 28.56212 | 102.41292 | 39.49794 |
| 74.20459 | -0.18448 | 88.32959 | 28.62818 | 102.45459 | 39.48112 |
| 74.24626 | -0.21497 | 88.37126 | 28.70297 | 102.49626 | 39.54170 |
| 74.28793 | -0.18857 | 88.41293 | 28.74000 | 102.53792 | 39.53098 |
| 74.32959 | -0.16877 | 88.45459 | 28.80102 | 102.57959 | 39.52314 |
| 74.37126 | -0.14550 | 88.49626 | 28.85328 | 102.62126 | 39.49484 |
| 74.41293 | -0.12756 | 88.53793 | 28.95092 | 102.66292 | 39.52150 |
| 74.45459 | -0.07630 | 88.57959 | 29.01418 | 102.70459 | 39.54608 |
| 74.49626 | -0.05422 | 88.62126 | 29.06184 | 102.74626 | 39.54551 |
| 74.53793 | -0.06850 | 88.66293 | 29.11138 | 102.78792 | 39.53485 |
| 74.57959 | 0.00654 | 88.70459 | 29.20242 | 102.82959 | 39.52579 |
| 74.62126 | 0.04094 | 88.74626 | 29.24153 | 102.87126 | 39.57219 |
| 74.66293 | 0.07977 | 88.78793 | 29.32564 | 102.91292 | 39.52647 |
| 74.70459 | 0.13402 | 88.82959 | 29.36190 | 102.95459 | 39.48445 |
| 74.74626 | 0.20939 | 88.87126 | 29.46074 | 102.99626 | 39.50903 |
| 74.78793 | 0.16357 | 88.91293 | 29.52826 | 103.03792 | 39.54601 |
| 74.82959 | 0.24027 | 88.95459 | 29.56875 | 103.07959 | 39.50822 |
| 74.87126 | 0.23015 | 88.99626 | 29.67683 | 103.12126 | 39.54658 |
| 74.91293 | 0.26622 | 89.03793 | 29.75723 | 103.16292 | 39.50162 |
| 74.95459 | 0.26995 | 89.07959 | 29.83692 | 103.20459 | 39.51702 |
| 74.99626 | 0.27581 | 89.12126 | 29.91043 | 103.24626 | 39.51437 |
| 75.03793 | 0.28808 | 89.16293 | 29.99045 | 103.28792 | 39.51933 |
| 75.07959 | 0.27096 | 89.20459 | 30.05428 | 103.32959 | 39.51400 |
| 75.12126 | 0.25555 | 89.24626 | 30.11984 | 103.37126 | 39.54665 |
| 75.16293 | 0.23851 | 89.28793 | 30.19020 | 103.41292 | 39.57107 |
| 75.20459 | 0.23602 | 89.32959 | 30.25372 | 103.45459 | 39.53035 |
| 75.24626 | 0.26333 | 89.37126 | 30.37071 | 103.49626 | 39.53188 |
| 75.28793 | 0.22939 | 89.41293 | 30.50755 | 103.53792 | 39.49865 |
| 75.32959 | 0.26039 | 89.45459 | 30.56410 | 103.57959 | 39.50587 |
| 75.37126 | 0.21119 | 89.49626 | 30.70879 | 103.62126 | 39.50234 |

| | | | | | |
|---|---|---|---|---|---|
| 75.41293 | 0.19976 | 89.53793 | 30.83109 | 103.66292 | 39.51554 |
| 75.45459 | 0.22060 | 89.57959 | 30.94030 | 103.70459 | 39.49429 |
| 75.49626 | 0.22146 | 89.62126 | 31.03982 | 103.74626 | 39.53949 |
| 75.53793 | 0.20446 | 89.66293 | 31.19043 | 103.78792 | 39.53769 |
| 75.57959 | 0.18982 | 89.70459 | 31.25503 | 103.82959 | 39.57548 |
| 75.62126 | 0.16221 | 89.74626 | 31.39684 | 103.87126 | 39.53230 |
| 75.66293 | 0.15426 | 89.78793 | 31.42970 | 103.91292 | 39.56119 |
| 75.70459 | 0.15577 | 89.82959 | 31.45865 | 103.95459 | 39.53812 |
| 75.74626 | 0.15289 | 89.87126 | 31.50277 | 103.99626 | 39.54594 |
| 75.78793 | 0.16411 | 89.91293 | 31.49324 | 104.03792 | 39.58563 |
| 75.82959 | 0.15210 | 89.95459 | 31.53315 | 104.07959 | 39.55282 |
| 75.87126 | 0.18373 | 89.99626 | 31.46625 | 104.12126 | 39.59661 |
| 75.91293 | 0.13808 | 90.03793 | 31.52510 | 104.16292 | 39.64563 |
| 75.95459 | 0.14954 | 90.07959 | 31.46216 | 104.20459 | 39.59440 |
| 75.99626 | 0.13446 | 90.12126 | 31.45612 | 104.24626 | 39.62801 |
| 76.03793 | 0.15443 | 90.16293 | 31.47880 | 104.28792 | 39.59351 |
| 76.07959 | 0.13146 | 90.20459 | 31.50234 | 104.32959 | 39.62698 |
| 76.12126 | 0.16561 | 90.24626 | 31.47070 | 104.37126 | 39.63576 |
| 76.16293 | 0.17857 | 90.28793 | 31.44221 | 104.41292 | 39.59854 |
| 76.20459 | 0.17564 | 90.32959 | 31.47456 | 104.45459 | 39.61807 |
| 76.24626 | 0.17269 | 90.37126 | 31.48797 | 104.49626 | 39.65008 |
| 76.28793 | 0.14793 | 90.41293 | 31.46377 | 104.53792 | 39.68829 |
| 76.32959 | 0.22922 | 90.45459 | 31.43042 | 104.57959 | 39.67176 |
| 76.37126 | 0.21736 | 90.49626 | 31.41377 | 104.62126 | 39.71502 |
| 76.41293 | 0.22703 | 90.53793 | 31.39329 | 104.66292 | 39.72165 |
| 76.45459 | 0.24570 | 90.57959 | 31.42660 | 104.70459 | 39.76691 |
| 76.49626 | 0.22560 | 90.62126 | 31.40222 | 104.74626 | 39.76317 |
| 76.53793 | 0.23295 | 90.66293 | 31.44488 | 104.78792 | 39.81541 |
| 76.57959 | 0.25411 | 90.70459 | 31.41369 | 104.82959 | 39.84114 |
| 76.62126 | 0.31586 | 90.74626 | 31.43158 | 104.87126 | 39.87265 |
| 76.66293 | 0.36537 | 90.78793 | 31.35330 | 104.91292 | 39.90521 |
| 76.70459 | 0.33241 | 90.82959 | 31.43540 | 104.95459 | 40.00506 |
| 76.74626 | 0.36630 | 90.87126 | 31.40915 | 104.99626 | 39.99331 |
| 76.78793 | 0.37725 | 90.91293 | 31.39736 | 105.03792 | 40.05149 |
| 76.82959 | 0.38601 | 90.95459 | 31.39066 | 105.07959 | 40.07754 |
| 76.87126 | 0.41216 | 90.99626 | 31.38526 | 105.12126 | 40.14329 |
| 76.91293 | 0.34814 | 91.03793 | 31.38487 | 105.16292 | 40.18281 |
| 76.95459 | 0.43869 | 91.07959 | 31.37768 | 105.20459 | 40.23945 |
| 76.99626 | 0.41281 | 91.12126 | 31.35366 | 105.24626 | 40.26751 |
| 77.03793 | 0.44731 | 91.16293 | 31.42789 | 105.28792 | 40.32084 |
| 77.07959 | 0.46238 | 91.20459 | 31.40841 | 105.32959 | 40.30458 |
| 77.12126 | 0.51998 | 91.24626 | 31.36539 | 105.37126 | 40.44010 |
| 77.16293 | 0.55206 | 91.28793 | 31.38372 | 105.41292 | 40.47443 |
| 77.20459 | 0.54648 | 91.32959 | 31.38500 | 105.45459 | 40.50110 |
| 77.24626 | 0.58066 | 91.37126 | 31.36222 | 105.49626 | 40.53913 |
| 77.28793 | 0.57294 | 91.41293 | 31.36264 | 105.53792 | 40.66179 |
| 77.32959 | 0.60614 | 91.45459 | 31.43278 | 105.57959 | 40.69293 |

| | | | | | |
|---|---|---|---|---|---|
| 77.37126 | 0.62972 | 91.49626 | 31.42251 | 105.62126 | 40.77583 |
| 77.41293 | 0.65627 | 91.53793 | 31.47605 | 105.66292 | 40.75945 |
| 77.45459 | 0.68063 | 91.57959 | 31.56744 | 105.70459 | 40.84435 |
| 77.49626 | 0.65859 | 91.62126 | 31.58805 | 105.74626 | 40.90435 |
| 77.53793 | 0.67095 | 91.66293 | 31.64501 | 105.78792 | 40.94922 |
| 77.57959 | 0.68478 | 91.70459 | 31.69146 | 105.82959 | 41.00289 |
| 77.62126 | 0.73979 | 91.74626 | 31.75682 | 105.87126 | 41.12409 |
| 77.66293 | 0.74229 | 91.78793 | 31.84900 | 105.91292 | 41.18410 |
| 77.70459 | 0.71625 | 91.82959 | 31.91734 | 105.95459 | 41.26130 |
| 77.74626 | 0.74489 | 91.87126 | 31.99755 | 105.99626 | 41.32612 |
| 77.78793 | 0.75411 | 91.91293 | 32.05485 | 106.03792 | 41.45641 |
| 77.82959 | 0.75145 | 91.95459 | 32.06925 | 106.07959 | 41.50580 |
| 77.87126 | 0.71864 | 91.99626 | 32.11745 | 106.12126 | 41.62479 |
| 77.91293 | 0.72394 | 92.03793 | 32.16447 | 106.16292 | 41.70913 |
| 77.95459 | 0.70834 | 92.07959 | 32.21018 | 106.20459 | 41.82320 |
| 77.99626 | 0.74497 | 92.12126 | 32.16307 | 106.24626 | 41.83417 |
| 78.03793 | 0.68605 | 92.16293 | 32.20508 | 106.28792 | 41.99203 |
| 78.07959 | 0.74111 | 92.20459 | 32.21424 | 106.32959 | 42.11898 |
| 78.12126 | 0.70002 | 92.24626 | 32.26060 | 106.37126 | 42.24989 |
| 78.16293 | 0.68916 | 92.28793 | 32.26248 | 106.41292 | 42.34211 |
| 78.20459 | 0.71011 | 92.32959 | 32.25356 | 106.45459 | 42.50493 |
| 78.24626 | 0.67977 | 92.37126 | 32.31607 | 106.49626 | 42.58099 |
| 78.28793 | 0.66654 | 92.41293 | 32.29265 | 106.53792 | 42.78480 |
| 78.32959 | 0.67217 | 92.45459 | 32.30831 | 106.57959 | 42.94333 |
| 78.37126 | 0.60136 | 92.49626 | 32.31081 | 106.62126 | 43.19205 |
| 78.41293 | 0.62099 | 92.53793 | 32.30724 | 106.66292 | 43.38239 |
| 78.45459 | 0.64677 | 92.57959 | 32.30758 | 106.70459 | 43.66273 |
| 78.49626 | 0.64171 | 92.62126 | 32.33317 | 106.74626 | 43.93431 |
| 78.53793 | 0.63866 | 92.66293 | 32.34939 | 106.78792 | 44.23302 |
| 78.57959 | 0.61716 | 92.70459 | 32.39963 | 106.82959 | 44.49973 |
| 78.62126 | 0.68314 | 92.74626 | 32.35391 | 106.87126 | 44.78227 |
| 78.66293 | 0.65062 | 92.78793 | 32.33867 | 106.91292 | 45.05955 |
| 78.70459 | 0.65597 | 92.82959 | 32.36915 | 106.95459 | 45.35748 |
| 78.74626 | 0.59115 | 92.87126 | 32.39703 | 106.99626 | 45.70264 |
| 78.78793 | 0.64577 | 92.91293 | 32.40278 | 107.03792 | 46.03496 |
| 78.82959 | 0.61014 | 92.95459 | 32.38307 | 107.07959 | 46.42140 |
| 78.87126 | 0.63467 | 92.99626 | 32.43277 | 107.12126 | 46.74547 |
| 78.91293 | 0.65485 | 93.03793 | 32.37306 | 107.16292 | 47.12772 |
| 78.95459 | 0.64599 | 93.07959 | 32.42384 | 107.20459 | 47.45589 |
| 78.99626 | 0.64352 | 93.12126 | 32.43214 | 107.24626 | 47.73272 |
| 79.03793 | 0.66343 | 93.16293 | 32.44343 | 107.28792 | 47.99693 |
| 79.07959 | 0.69378 | 93.20459 | 32.47063 | 107.32959 | 48.15157 |
| 79.12126 | 0.67603 | 93.24626 | 32.51401 | 107.37126 | 48.30612 |
| 79.16293 | 0.70612 | 93.28793 | 32.51570 | 107.41292 | 48.45457 |
| 79.20459 | 0.78810 | 93.32959 | 32.53145 | 107.45459 | 48.54839 |
| 79.24626 | 0.73999 | 93.37126 | 32.59356 | 107.49626 | 48.74295 |
| 79.28793 | 0.74816 | 93.41293 | 32.63303 | 107.53792 | 48.88595 |

| | | | | | |
|---|---|---|---|---|---|
| 79.32959 | 0.70004 | 93.45459 | 32.67398 | 107.57959 | 49.00236 |
| 79.37126 | 0.69176 | 93.49626 | 32.73201 | 107.62126 | 49.14723 |
| 79.41293 | 0.73515 | 93.53793 | 32.73023 | 107.66292 | 49.30648 |
| 79.45459 | 0.74598 | 93.57959 | 32.76857 | 107.70459 | 49.49338 |
| 79.49626 | 0.76867 | 93.62126 | 32.82234 | 107.74626 | 49.62116 |
| 79.53793 | 0.70299 | 93.66293 | 32.89428 | 107.78792 | 49.77331 |
| 79.57959 | 0.73182 | 93.70459 | 32.96206 | 107.82959 | 49.97227 |
| 79.62126 | 0.73288 | 93.74626 | 32.98749 | 107.87126 | 50.11521 |
| 79.66293 | 0.78552 | 93.78793 | 33.02574 | 107.91292 | 50.30408 |
| 79.70459 | 0.70049 | 93.82959 | 33.06558 | 107.95459 | 50.54133 |
| 79.74626 | 0.70911 | 93.87126 | 33.15864 | 107.99626 | 50.76688 |
| 79.78793 | 0.70026 | 93.91293 | 33.21387 | 108.03792 | 50.98251 |
| 79.82959 | 0.71492 | 93.95459 | 33.19956 | 108.07959 | 51.21143 |
| 79.87126 | 0.69969 | 93.99626 | 33.18823 | 108.12126 | 51.53051 |
| 79.91293 | 0.67316 | 94.03793 | 33.26534 | 108.16292 | 51.88281 |
| 79.95459 | 0.64032 | 94.07959 | 33.29586 | 108.20459 | 52.24656 |
| 79.99626 | 0.61683 | 94.12126 | 33.26645 | 108.24626 | 52.64585 |
| 80.03793 | 0.61537 | 94.16293 | 33.28334 | 108.28792 | 52.99624 |
| 80.07959 | 0.61312 | 94.20459 | 33.33449 | 108.32959 | 53.42401 |
| 80.12126 | 0.65057 | 94.24626 | 33.27107 | 108.37126 | 53.71540 |
| 80.16293 | 0.65639 | 94.28793 | 33.21436 | 108.41292 | 53.96514 |
| 80.20459 | 0.63238 | 94.32959 | 33.16644 | 108.45459 | 54.23678 |
| 80.24626 | 0.64870 | 94.37126 | 33.07000 | 108.49626 | 54.44874 |
| 80.28793 | 0.63922 | 94.41293 | 32.98238 | 108.53792 | 54.70546 |
| 80.32959 | 0.66099 | 94.45459 | 32.93290 | 108.57959 | 54.93015 |
| 80.37126 | 0.65998 | 94.49626 | 32.82958 | 108.62126 | 55.13920 |
| 80.41293 | 0.68714 | 94.53793 | 32.72477 | 108.66292 | 55.35712 |
| 80.45459 | 0.70139 | 94.57959 | 32.68897 | 108.70459 | 55.51798 |
| 80.49626 | 0.68416 | 94.62126 | 32.65758 | 108.74626 | 55.67696 |
| 80.53793 | 0.69756 | 94.66293 | 32.62053 | 108.78792 | 55.85509 |
| 80.57959 | 0.72959 | 94.70459 | 32.60349 | 108.82959 | 55.95265 |
| 80.62126 | 0.73056 | 94.74626 | 32.56454 | 108.87126 | 56.10804 |
| 80.66293 | 0.75158 | 94.78793 | 32.57080 | 108.91292 | 56.21463 |
| 80.70459 | 0.73783 | 94.82959 | 32.59428 | 108.95459 | 56.32956 |
| 80.74626 | 0.69933 | 94.87126 | 32.65796 | 108.99626 | 56.49037 |
| 80.78793 | 0.73599 | 94.91293 | 32.67075 | 109.03792 | 56.49773 |
| 80.82959 | 0.72289 | 94.95459 | 32.66547 | 109.07959 | 56.64831 |
| 80.87126 | 0.77302 | 94.99626 | 32.66958 | 109.12126 | 56.73157 |
| 80.91293 | 0.78937 | 95.03793 | 32.76409 | 109.16292 | 56.80176 |
| 80.95459 | 0.75097 | 95.07959 | 32.80085 | 109.20459 | 56.92112 |
| 80.99626 | 0.71198 | 95.12126 | 32.83017 | 109.24626 | 56.96842 |
| 81.03793 | 0.71790 | 95.16293 | 32.92069 | 109.28792 | 57.04996 |
| 81.07959 | 0.75989 | 95.20459 | 32.94090 | 109.32959 | 57.14869 |
| 81.12126 | 0.75056 | 95.24626 | 33.02318 | 109.37126 | 57.26619 |
| 81.16293 | 0.76470 | 95.28793 | 33.04252 | 109.41292 | 57.34954 |
| 81.20459 | 0.75418 | 95.32959 | 33.14282 | 109.45459 | 57.48041 |
| 81.24626 | 0.76133 | 95.37126 | 33.22375 | 109.49626 | 57.61626 |

| | | | | | |
|---|---|---|---|---|---|
| 81.28793 | 0.74128 | 95.41293 | 33.26752 | 109.53792 | 57.71684 |
| 81.32959 | 0.74786 | 95.45459 | 33.32461 | 109.57959 | 57.81607 |
| 81.37126 | 0.78754 | 95.49626 | 33.41888 | 109.62126 | 57.97972 |
| 81.41293 | 0.71910 | 95.53793 | 33.49340 | 109.66292 | 58.14744 |
| 81.45459 | 0.71610 | 95.57959 | 33.53381 | 109.70459 | 58.34148 |
| 81.49626 | 0.71379 | 95.62126 | 33.60545 | 109.74626 | 58.53449 |
| 81.53793 | 0.75376 | 95.66293 | 33.69029 | 109.78792 | 58.70894 |
| 81.57959 | 0.76088 | 95.70459 | 33.74342 | 109.82959 | 58.86286 |
| 81.62126 | 0.74980 | 95.74626 | 33.82014 | 109.87126 | 59.05405 |
| 81.66293 | 0.76771 | 95.78793 | 33.86685 | 109.91292 | 59.25493 |
| 81.70459 | 0.73011 | 95.82959 | 33.98048 | 109.95459 | 59.44228 |
| 81.74626 | 0.76026 | 95.87126 | 34.02684 | 109.99626 | 59.66492 |
| 81.78793 | 0.76527 | 95.91293 | 34.04939 | 110.03792 | 59.85016 |
| 81.82959 | 0.70348 | 95.95459 | 34.10144 | 110.07959 | 60.01978 |
| 81.87126 | 0.70019 | 95.99626 | 34.17440 | 110.12126 | 60.20958 |
| 81.91293 | 0.70967 | 96.03793 | 34.25779 | 110.16292 | 60.39021 |
| 81.95459 | 0.67268 | 96.07959 | 34.27245 | 110.20459 | 60.60297 |
| 81.99626 | 0.66692 | 96.12126 | 34.30950 | 110.24626 | 60.75449 |
| 82.03793 | 0.66693 | 96.16293 | 34.34790 | 110.28792 | 60.94202 |
| 82.07959 | 0.64295 | 96.20459 | 34.38940 | 110.32959 | 61.08909 |
| 82.12126 | 0.62034 | 96.24626 | 34.43217 | 110.37126 | 61.24815 |
| 82.16293 | 0.65080 | 96.28793 | 34.46444 | 110.41292 | 61.43320 |
| 82.20459 | 0.66035 | 96.32959 | 34.52980 | 110.45459 | 61.53577 |
| 82.24626 | 0.60653 | 96.37126 | 34.48936 | 110.49626 | 61.62243 |
| 82.28793 | 0.58083 | 96.41293 | 34.56099 | 110.53792 | 61.81900 |
| 82.32959 | 0.62821 | 96.45459 | 34.56346 | 110.57959 | 61.87068 |
| 82.37126 | 0.64938 | 96.49626 | 34.59301 | 110.62126 | 61.97063 |
| 82.41293 | 0.63825 | 96.53793 | 34.62852 | 110.66292 | 62.03360 |
| 82.45459 | 0.66367 | 96.57959 | 34.61595 | 110.70459 | 62.16164 |
| 82.49626 | 0.68933 | 96.62126 | 34.68913 | 110.74626 | 62.24151 |
| 82.53793 | 0.67594 | 96.66293 | 34.71058 | 110.78792 | 62.31752 |
| 82.57959 | 0.73959 | 96.70459 | 34.77629 | 110.82959 | 62.41875 |
| 82.62126 | 0.71138 | 96.74626 | 34.80048 | 110.87126 | 62.48660 |
| 82.66293 | 0.80744 | 96.78793 | 34.86701 | 110.91292 | 62.56858 |
| 82.70459 | 0.81541 | 96.82959 | 34.89860 | 110.95459 | 62.63165 |
| 82.74626 | 0.82120 | 96.87126 | 34.91929 | 110.99626 | 62.73817 |
| 82.78793 | 0.84374 | 96.91293 | 34.98594 | 111.03792 | 62.80631 |
| 82.82959 | 0.87082 | 96.95459 | 35.07060 | 111.07959 | 62.87096 |
| 82.87126 | 0.92898 | 96.99626 | 35.15036 | 111.12126 | 62.97203 |
| 82.91293 | 0.99361 | 97.03793 | 35.19941 | 111.16292 | 63.08092 |
| 82.95459 | 1.01269 | 97.07959 | 35.35121 | 111.20459 | 63.13998 |
| 82.99626 | 1.00878 | 97.12126 | 35.54962 | 111.24626 | 63.23910 |
| 83.03793 | 1.08216 | 97.16293 | 35.79589 | 111.28792 | 63.37243 |
| 83.07959 | 1.11627 | 97.20459 | 36.03338 | 111.32959 | 63.44402 |
| 83.12126 | 1.11636 | 97.24626 | 36.29255 | 111.37126 | 63.57724 |
| 83.16293 | 1.14539 | 97.28793 | 36.51129 | 111.41292 | 63.75797 |
| 83.20459 | 1.13745 | 97.32959 | 36.64231 | 111.45459 | 63.88397 |

| | | | | | |
|---|---|---|---|---|---|
| 83.24626 | 1.23395 | 97.37126 | 36.72967 | 111.49626 | 63.99668 |
| 83.28793 | 1.22971 | 97.41293 | 36.84518 | 111.53792 | 64.14041 |
| 83.32959 | 1.28693 | 97.45459 | 36.89451 | 111.57959 | 64.35416 |
| 83.37126 | 1.31646 | 97.49626 | 36.93785 | 111.62126 | 64.49059 |
| 83.41293 | 1.38741 | 97.53793 | 37.01334 | 111.66292 | 64.54302 |
| 83.45459 | 1.42203 | 97.57959 | 37.08114 | 111.70459 | 64.67273 |
| 83.49626 | 1.45098 | 97.62126 | 37.18147 | 111.74626 | 64.86346 |
| 83.53793 | 1.55532 | 97.66293 | 37.19244 | 111.78792 | 64.95406 |
| 83.57959 | 1.64769 | 97.70459 | 37.20591 | 111.82959 | 65.05966 |
| 83.62126 | 1.71801 | 97.74626 | 37.27225 | 111.87126 | 65.14937 |
| 83.66293 | 1.77626 | 97.78793 | 37.30825 | 111.91292 | 65.19460 |
| 83.70459 | 1.89751 | 97.82959 | 37.35543 | 111.95459 | 65.32870 |
| 83.74626 | 2.09634 | 97.87126 | 37.40723 | 111.99626 | 65.34172 |
| 83.78793 | 2.26286 | 97.91293 | 37.48683 | 112.03792 | 65.48435 |
| 83.82959 | 2.47401 | 97.95459 | 37.48183 | 112.07959 | 65.47793 |
| 83.87126 | 2.74618 | 97.99626 | 37.50629 | 112.12126 | 65.54873 |
| 83.91293 | 3.01574 | 98.03793 | 37.54893 | 112.16292 | 65.64359 |
| 83.95459 | 3.25697 | 98.07959 | 37.57738 | 112.20459 | 65.74360 |
| 83.99626 | 3.64880 | 98.12126 | 37.61709 | 112.24626 | 65.74242 |
| 84.03793 | 4.13702 | 98.16293 | 37.68468 | 112.28792 | 65.83527 |
| 84.07959 | 4.88506 | 98.20459 | 37.71548 | 112.32959 | 65.88799 |
| 84.12126 | 5.66701 | 98.24626 | 37.71399 | 112.37126 | 65.89237 |
| 84.16293 | 6.26894 | 98.28793 | 37.75446 | 112.41292 | 65.95753 |
| 84.20459 | 6.77953 | 98.32959 | 37.75268 | 112.45459 | 65.99993 |
| 84.24626 | 7.16417 | 98.37126 | 37.77021 | 112.49626 | 66.05885 |
| 84.28793 | 7.57120 | 98.41293 | 37.81808 | 112.53792 | 66.09177 |
| 84.32959 | 7.91511 | 98.45459 | 37.83910 | 112.57959 | 66.15260 |
| 84.37126 | 8.23393 | 98.49626 | 37.86228 | 112.62126 | 66.17014 |
| 84.41293 | 8.59338 | 98.53793 | 37.94407 | 112.66292 | 66.20867 |
| 84.45459 | 8.94136 | 98.57959 | 37.90194 | 112.70459 | 66.25471 |
| 84.49626 | 9.36754 | 98.62126 | 37.94687 | 112.74626 | 66.26109 |
| 84.53793 | 9.82067 | 98.66293 | 37.98167 | 112.78792 | 66.30113 |
| 84.57959 | 10.38139 | 98.70459 | 38.04704 | 112.82959 | 66.32917 |
| 84.62126 | 10.98984 | 98.74626 | 38.04900 | 112.87126 | 66.38002 |
| 84.66293 | 11.70736 | 98.78793 | 38.09155 | 112.91292 | 66.38572 |
| 84.70459 | 12.31107 | 98.82959 | 38.03950 | 112.95459 | 66.45418 |
| 84.74626 | 12.86226 | 98.87126 | 38.12370 | 112.99626 | 66.47054 |
| 84.78793 | 13.32565 | 98.91293 | 38.13091 | 113.03792 | 66.52170 |
| 84.82959 | 13.65886 | 98.95459 | 38.18281 | 113.07959 | 66.51019 |
| 84.87126 | 14.00226 | 98.99626 | 38.18340 | 113.12126 | 66.53217 |
| 84.91293 | 14.25115 | 99.03793 | 38.21664 | 113.16292 | 66.59750 |
| 84.95459 | 14.47695 | 99.07959 | 38.25467 | 113.20459 | 66.59310 |
| 84.99626 | 14.76957 | 99.12126 | 38.31691 | 113.24626 | 66.64713 |
| 85.03793 | 14.96699 | 99.16293 | 38.32363 | 113.28792 | 66.64840 |
| 85.07959 | 15.21840 | 99.20459 | 38.34275 | 113.32959 | 66.71707 |
| 85.12126 | 15.50679 | 99.24626 | 38.36653 | 113.37126 | 66.74746 |
| 85.16293 | 15.82531 | 99.28793 | 38.41400 | 113.41292 | 66.72723 |

| | | | | | |
|---|---|---|---|---|---|
| 85.20459 | 16.16187 | 99.32959 | 38.43557 | 113.45459 | 66.79131 |
| 85.24626 | 16.54960 | 99.37126 | 38.51301 | 113.49626 | 66.76435 |
| 85.28793 | 17.11271 | 99.41293 | 38.46291 | 113.53792 | 66.82338 |
| 85.32959 | 17.99579 | 99.45459 | 38.54885 | 113.57959 | 66.85202 |
| 85.37126 | 19.13497 | 99.49626 | 38.57036 | 113.62126 | 66.84496 |
| 85.41293 | 20.29097 | 99.53793 | 38.61449 | 113.66292 | 66.91228 |
| 85.45459 | 21.05572 | 99.57959 | 38.66337 | 113.70459 | 66.93433 |
| 85.49626 | 21.42815 | 99.62126 | 38.69202 | 113.74626 | 66.95635 |
| 85.53793 | 21.63817 | 99.66293 | 38.70817 | 113.78792 | 67.00959 |
| 85.57959 | 21.80629 | 99.70459 | 38.72832 | 113.82959 | 67.07150 |
| 85.62126 | 21.99274 | 99.74626 | 38.75429 | 113.87126 | 67.13495 |
| 85.66293 | 22.14939 | 99.78793 | 38.78808 | 113.91292 | 67.12567 |
| 85.70459 | 22.30333 | 99.82959 | 38.80662 | 113.95459 | 67.25921 |
| 85.74626 | 22.37828 | 99.87126 | 38.86364 | 113.99626 | 67.29051 |
| 85.78793 | 22.49596 | 99.91293 | 38.87411 | 114.03792 | 67.34423 |
| 85.82959 | 22.56657 | 99.95459 | 38.92113 | 114.07959 | 67.42101 |
| 85.87126 | 22.71783 | 99.99626 | 38.94445 | 114.12126 | 67.44952 |
| 85.91293 | 22.73819 | 100.03792 | 38.92066 | 114.16292 | 67.52706 |
| 85.95459 | 22.86293 | 100.07959 | 38.92977 | 114.20459 | 67.61532 |
| 85.99626 | 22.89922 | 100.12126 | 39.00740 | 114.24626 | 67.63793 |
| 86.03793 | 23.03559 | 100.16292 | 39.01976 | 114.28792 | 67.74967 |
| 86.07959 | 23.06245 | 100.20459 | 38.99115 | 114.32959 | 67.78305 |
| 86.12126 | 23.21285 | 100.24626 | 39.03300 | 114.37126 | 67.83120 |
| 86.16293 | 23.30298 | 100.28792 | 39.04797 | 114.41292 | 67.92382 |
| 86.20459 | 23.40183 | 100.32959 | 39.13348 | 114.45459 | 67.96069 |
| 86.24626 | 23.57643 | 100.37126 | 39.09659 | 114.49626 | 68.01121 |
| 86.28793 | 23.71016 | 100.41292 | 39.12729 | 114.53792 | 68.10318 |
| 86.32959 | 23.86536 | 100.45459 | 39.08896 | 114.57959 | 68.11168 |
| 86.37126 | 24.17671 | 100.49626 | 39.12693 | 114.62126 | 68.15514 |
| 86.41293 | 24.29648 | 100.53792 | 39.17020 | 114.66292 | 68.20150 |
| 86.45459 | 24.56109 | 100.57959 | 39.16150 | 114.70459 | 68.24652 |
| 86.49626 | 24.75727 | 100.62126 | 39.15207 | 114.74626 | 68.24602 |
| 86.53793 | 25.02915 | 100.66293 | 39.17285 | 114.78792 | 68.27843 |
| 86.57959 | 25.26427 | 100.70459 | 39.18467 | 114.82959 | 68.30033 |
| 86.62126 | 25.47950 | 100.74626 | 39.17160 | 114.87126 | 68.33406 |
| 86.66293 | 25.64246 | 100.78792 | 39.22224 | 114.91292 | 68.33013 |
| 86.70459 | 25.92464 | 100.82959 | 39.20887 | 114.95459 | 68.36011 |
| 86.74626 | 26.07078 | 100.87126 | 39.25445 | 114.99626 | 68.37500 |
| 86.78793 | 26.26260 | 100.91292 | 39.24269 | 115.03792 | 68.35321 |
| 86.82959 | 26.42640 | 100.95459 | 39.22722 | 115.07959 | 68.39536 |
| 86.87126 | 26.50574 | 100.99626 | 39.20954 | 115.12126 | 68.42173 |
| 86.91293 | 26.67401 | 101.03792 | 39.19554 | 115.16292 | 68.40780 |
| 86.95459 | 26.71412 | 101.07959 | 39.27490 | 115.20459 | 68.49875 |
| 86.99626 | 26.80082 | 101.12126 | 39.30805 | 115.24626 | 68.45367 |
| 87.03793 | 26.85641 | 101.16292 | 39.28132 | 115.28792 | 68.46749 |
| 87.07959 | 26.94078 | 101.20459 | 39.32555 | 115.32959 | 68.53471 |
| 87.12126 | 27.01539 | 101.24626 | 39.25254 | 115.37126 | 68.54336 |

| | | | | | |
|---|---|---|---|---|---|
| 87.16293 | 27.10018 | 101.28792 | 39.30936 | 115.41292 | 68.53272 |
| 87.20459 | 27.13938 | 101.32959 | 39.35000 | 115.45459 | 68.56369 |
| 87.24626 | 27.17549 | 101.37126 | 39.33532 | 115.49626 | 68.58767 |
| 87.28793 | 27.30169 | 101.41292 | 39.30835 | 115.53792 | 68.66231 |
| 87.32959 | 27.33555 | 101.45459 | 39.32839 | 115.57959 | 68.63036 |
| 87.37126 | 27.38839 | 101.49626 | 39.34631 | 115.62126 | 68.68239 |
| 87.41293 | 27.41804 | 101.53792 | 39.30080 | 115.66289 | 68.68627 |
| 87.45459 | 27.47103 | 101.57959 | 39.30129 | 115.70473 | 68.79449 |
| 87.49626 | 27.53148 | 101.62126 | 39.33102 | 115.74564 | 68.80672 |
| 87.53793 | 27.57779 | 101.66292 | 39.36618 | 115.78942 | 68.88484 |
| 87.57959 | 27.60558 | 101.70459 | 39.41257 | 115.80599 | 68.91752 |

SeDep2

| Julian Date | Mass | | Julian Date | Mass | | Julian Date | Mass |
|---|---|---|---|---|---|---|---|
| 73.51126 | 0.37910 | | 87.63665 | 44.40202 | | 101.76165 | 112.77630 |
| 73.55383 | 0.91693 | | 87.67832 | 44.42173 | | 101.80332 | 113.17218 |
| 73.59488 | 0.82429 | | 87.71999 | 44.43986 | | 101.84498 | 113.54186 |
| 73.63668 | 0.84165 | | 87.76165 | 44.43506 | | 101.88665 | 113.80572 |
| 73.67831 | 0.85090 | | 87.80332 | 44.41926 | | 101.92832 | 114.07194 |
| 73.71999 | 0.86828 | | 87.84499 | 44.42461 | | 101.96998 | 114.29596 |
| 73.76165 | 0.84010 | | 87.88665 | 44.46211 | | 102.01165 | 114.42208 |
| 73.80332 | 0.86439 | | 87.92832 | 44.48089 | | 102.05332 | 114.56184 |
| 73.84499 | 0.87652 | | 87.96999 | 44.42084 | | 102.09498 | 114.73611 |
| 73.88665 | 0.87836 | | 88.01165 | 44.43036 | | 102.13665 | 114.87959 |
| 73.92832 | 0.84309 | | 88.05332 | 44.41584 | | 102.17832 | 115.01290 |
| 73.96999 | 0.87684 | | 88.09499 | 44.44217 | | 102.21998 | 115.19858 |
| 74.01165 | 0.82410 | | 88.13665 | 44.42700 | | 102.26165 | 115.32470 |
| 74.05332 | 0.85296 | | 88.17832 | 44.51395 | | 102.30332 | 115.44498 |
| 74.09499 | 0.85160 | | 88.21999 | 44.63301 | | 102.34498 | 115.56300 |
| 74.13665 | 0.87079 | | 88.26165 | 44.86369 | | 102.38665 | 115.65423 |
| 74.17832 | 0.89214 | | 88.30332 | 45.16857 | | 102.42832 | 115.78455 |
| 74.21999 | 0.87407 | | 88.34499 | 45.47393 | | 102.46998 | 115.84929 |
| 74.26165 | 0.84942 | | 88.38665 | 45.80523 | | 102.51165 | 115.96879 |
| 74.30332 | 0.89540 | | 88.42832 | 46.03084 | | 102.55332 | 116.10112 |
| 74.34499 | 0.83684 | | 88.46999 | 46.24535 | | 102.59498 | 116.19487 |
| 74.38665 | 0.82886 | | 88.51165 | 46.52415 | | 102.63665 | 116.31779 |
| 74.42832 | 0.86800 | | 88.55332 | 46.73669 | | 102.67832 | 116.37702 |
| 74.46999 | 0.84164 | | 88.59499 | 46.92797 | | 102.71998 | 116.52921 |
| 74.51165 | 0.85414 | | 88.63665 | 47.20693 | | 102.76165 | 116.63554 |
| 74.55332 | 0.88031 | | 88.67832 | 47.45926 | | 102.80332 | 116.72879 |
| 74.59499 | 0.81523 | | 88.71999 | 47.68544 | | 102.84498 | 116.81624 |
| 74.63665 | 0.84356 | | 88.76165 | 47.90840 | | 102.88665 | 116.96585 |
| 74.67832 | 0.82895 | | 88.80332 | 48.10813 | | 102.92832 | 117.08049 |
| 74.71999 | 0.85072 | | 88.84499 | 48.37502 | | 102.96998 | 117.22556 |
| 74.76165 | 0.78146 | | 88.88665 | 48.61328 | | 103.01165 | 117.33518 |
| 74.80332 | 0.79688 | | 88.92832 | 48.74850 | | 103.05332 | 117.43072 |
| 74.84499 | 0.77425 | | 88.96999 | 48.96841 | | 103.09499 | 117.59312 |
| 74.88665 | 0.76982 | | 89.01165 | 49.25334 | | 103.13665 | 117.65787 |
| 74.92832 | 0.73653 | | 89.05332 | 49.40102 | | 103.17832 | 117.77157 |
| 74.96999 | 0.70778 | | 89.09499 | 49.64108 | | 103.21998 | 117.86880 |
| 75.01165 | 0.70003 | | 89.13665 | 49.81776 | | 103.26165 | 117.95981 |
| 75.05332 | 0.68731 | | 89.17832 | 50.03672 | | 103.30332 | 118.09471 |
| 75.09499 | 0.65859 | | 89.21999 | 50.26123 | | 103.34498 | 118.17261 |
| 75.13665 | 0.63927 | | 89.26165 | 50.39552 | | 103.38665 | 118.29652 |
| 75.17832 | 0.63825 | | 89.30332 | 50.57597 | | 103.42832 | 118.45066 |
| 75.21999 | 0.58945 | | 89.34499 | 50.76156 | | 103.46998 | 118.52273 |
| 75.26165 | 0.56916 | | 89.38665 | 50.94995 | | 103.51165 | 118.61587 |
| 75.30332 | 0.54157 | | 89.42832 | 51.01193 | | 103.55332 | 118.76916 |
| 75.34499 | 0.50564 | | 89.46999 | 51.13918 | | 103.59498 | 118.89056 |
| 75.38665 | 0.49926 | | 89.51165 | 51.28951 | | 103.63665 | 119.02986 |

| | | | | | |
|---|---|---|---|---|---|
| 75.42832 | 0.48480 | 89.55332 | 51.41558 | 103.67832 | 119.13562 |
| 75.46999 | 0.47802 | 89.59499 | 51.54746 | 103.71998 | 119.25119 |
| 75.51165 | 0.46317 | 89.63665 | 51.64083 | 103.76165 | 119.38185 |
| 75.55332 | 0.45961 | 89.67832 | 51.78210 | 103.80332 | 119.54846 |
| 75.59499 | 0.40163 | 89.71999 | 51.87336 | 103.84498 | 119.74703 |
| 75.63665 | 0.44847 | 89.76165 | 51.95755 | 103.88665 | 119.83504 |
| 75.67832 | 0.39633 | 89.80332 | 52.06210 | 103.92832 | 120.05710 |
| 75.71999 | 0.45142 | 89.84499 | 52.15430 | 103.96998 | 120.24765 |
| 75.76165 | 0.43386 | 89.88665 | 52.23620 | 104.01165 | 120.46236 |
| 75.80332 | 0.39782 | 89.92832 | 52.37682 | 104.05332 | 120.69013 |
| 75.84499 | 0.41024 | 89.96999 | 52.44566 | 104.09498 | 120.89593 |
| 75.88665 | 0.51212 | 90.01165 | 52.60155 | 104.13665 | 121.09709 |
| 75.92832 | 0.53203 | 90.05332 | 52.67744 | 104.17832 | 121.33421 |
| 75.96999 | 0.54890 | 90.09499 | 52.74997 | 104.21999 | 121.56060 |
| 76.01165 | 0.58971 | 90.13665 | 52.89306 | 104.26165 | 121.84377 |
| 76.05332 | 0.66628 | 90.17832 | 53.01302 | 104.30332 | 122.07728 |
| 76.09499 | 0.73684 | 90.21999 | 53.13502 | 104.34498 | 122.27281 |
| 76.13665 | 0.75558 | 90.26165 | 53.26356 | 104.38665 | 122.52756 |
| 76.17832 | 0.88911 | 90.30332 | 53.41050 | 104.42832 | 122.71189 |
| 76.21999 | 0.90273 | 90.34499 | 53.61244 | 104.46998 | 123.02548 |
| 76.26165 | 1.04210 | 90.38665 | 53.73462 | 104.51165 | 123.21873 |
| 76.30332 | 1.05388 | 90.42832 | 53.92838 | 104.55332 | 123.40769 |
| 76.34499 | 1.18251 | 90.46999 | 54.13314 | 104.59498 | 123.64043 |
| 76.38665 | 1.23307 | 90.51165 | 54.40946 | 104.63665 | 123.85293 |
| 76.42832 | 1.34007 | 90.55332 | 54.58227 | 104.67832 | 124.01047 |
| 76.46999 | 1.32881 | 90.59499 | 54.85487 | 104.71998 | 124.14873 |
| 76.51165 | 1.44626 | 90.63665 | 55.08592 | 104.76165 | 124.36023 |
| 76.55332 | 1.54277 | 90.67832 | 55.34538 | 104.80332 | 124.53609 |
| 76.59499 | 1.61062 | 90.71999 | 55.63244 | 104.84498 | 124.64439 |
| 76.63665 | 1.70095 | 90.76165 | 55.88656 | 104.88665 | 124.85065 |
| 76.67832 | 1.76257 | 90.80332 | 56.17951 | 104.92832 | 125.02185 |
| 76.71999 | 1.85150 | 90.84499 | 56.43344 | 104.96998 | 125.20435 |
| 76.76165 | 1.91710 | 90.88665 | 56.75752 | 105.01165 | 125.33295 |
| 76.80332 | 2.00919 | 90.92832 | 57.01056 | 105.05332 | 125.48228 |
| 76.84499 | 2.09337 | 90.96999 | 57.28274 | 105.09498 | 125.65603 |
| 76.88665 | 2.16951 | 91.01165 | 57.56212 | 105.13665 | 125.70433 |
| 76.92832 | 2.25522 | 91.05332 | 57.81423 | 105.17832 | 125.85505 |
| 76.96999 | 2.28186 | 91.09499 | 58.09217 | 105.21999 | 125.96188 |
| 77.01165 | 2.33748 | 91.13665 | 58.34761 | 105.26165 | 125.99272 |
| 77.05332 | 2.41336 | 91.17832 | 58.57625 | 105.30332 | 126.03457 |
| 77.09499 | 2.44467 | 91.21999 | 58.80639 | 105.34498 | 126.02391 |
| 77.13665 | 2.54976 | 91.26165 | 59.03479 | 105.38665 | 126.04881 |
| 77.17832 | 2.47453 | 91.30332 | 59.27389 | 105.42832 | 125.96603 |
| 77.21999 | 2.62184 | 91.34499 | 59.51372 | 105.46998 | 126.00007 |
| 77.26165 | 2.67341 | 91.38665 | 59.75240 | 105.51165 | 125.98225 |
| 77.30332 | 2.72484 | 91.42832 | 59.87355 | 105.55332 | 125.92686 |
| 77.34499 | 2.74972 | 91.46999 | 60.11527 | 105.59498 | 125.89961 |

| | | | | | |
|---|---|---|---|---|---|
| 77.38665 | 2.82782 | 91.51165 | 60.31264 | 105.63665 | 125.88187 |
| 77.42832 | 2.87445 | 91.55332 | 60.53695 | 105.67832 | 125.82500 |
| 77.46999 | 2.85188 | 91.59499 | 60.68753 | 105.71998 | 125.80202 |
| 77.51165 | 2.94432 | 91.63665 | 60.93940 | 105.76165 | 125.79120 |
| 77.55332 | 2.99558 | 91.67832 | 61.12291 | 105.80332 | 125.75346 |
| 77.59499 | 3.03148 | 91.71999 | 61.33361 | 105.84498 | 125.69770 |
| 77.63665 | 3.02623 | 91.76165 | 61.52953 | 105.88665 | 125.68710 |
| 77.67832 | 3.09995 | 91.80332 | 61.75993 | 105.92832 | 125.64079 |
| 77.71999 | 3.09103 | 91.84499 | 61.96170 | 105.96998 | 125.62186 |
| 77.76165 | 3.10339 | 91.88665 | 62.20262 | 106.01165 | 125.57844 |
| 77.80332 | 3.16900 | 91.92832 | 62.40726 | 106.05332 | 125.61072 |
| 77.84499 | 3.16894 | 91.96999 | 62.65286 | 106.09498 | 125.56200 |
| 77.88665 | 3.11639 | 92.01165 | 62.89649 | 106.13665 | 125.59641 |
| 77.92832 | 3.13573 | 92.05332 | 63.15527 | 106.17832 | 125.69617 |
| 77.96999 | 3.16375 | 92.09499 | 63.47396 | 106.21999 | 125.85857 |
| 78.01165 | 3.12599 | 92.13665 | 63.69472 | 106.26165 | 126.11428 |
| 78.05332 | 3.12641 | 92.17832 | 63.98632 | 106.30332 | 126.41009 |
| 78.09499 | 3.21436 | 92.21999 | 64.34256 | 106.34498 | 126.72819 |
| 78.13665 | 3.12831 | 92.26165 | 64.57303 | 106.38665 | 127.13917 |
| 78.17832 | 3.12393 | 92.30332 | 64.89512 | 106.42832 | 127.51354 |
| 78.21999 | 3.16082 | 92.34499 | 65.19146 | 106.46998 | 127.98301 |
| 78.26165 | 3.15761 | 92.38665 | 65.54527 | 106.51165 | 128.34472 |
| 78.30332 | 3.15541 | 92.42832 | 65.81913 | 106.55332 | 128.72140 |
| 78.34499 | 3.14377 | 92.46999 | 66.15870 | 106.59498 | 129.22391 |
| 78.38665 | 3.17514 | 92.51165 | 66.52646 | 106.63665 | 129.59721 |
| 78.42832 | 3.14141 | 92.55332 | 66.82724 | 106.67832 | 129.91018 |
| 78.46999 | 3.17041 | 92.59499 | 67.19594 | 106.71998 | 130.23107 |
| 78.51165 | 3.21315 | 92.63665 | 67.59082 | 106.76165 | 130.54056 |
| 78.55332 | 3.15789 | 92.67832 | 67.94650 | 106.80332 | 130.82415 |
| 78.59499 | 3.15756 | 92.71999 | 68.29767 | 106.84498 | 131.15263 |
| 78.63665 | 3.18567 | 92.76165 | 68.65585 | 106.88665 | 131.44710 |
| 78.67832 | 3.16813 | 92.80332 | 69.07024 | 106.92832 | 131.82267 |
| 78.71999 | 3.14637 | 92.84499 | 69.47737 | 106.96998 | 132.18574 |
| 78.76165 | 3.15349 | 92.88665 | 69.99035 | 107.01165 | 132.44098 |
| 78.80332 | 3.08256 | 92.92832 | 70.48865 | 107.05332 | 132.77367 |
| 78.84499 | 3.04230 | 92.96999 | 70.96797 | 107.09498 | 133.10559 |
| 78.88665 | 3.00152 | 93.01165 | 71.48157 | 107.13665 | 133.43671 |
| 78.92832 | 3.03116 | 93.05332 | 72.04887 | 107.17832 | 133.70430 |
| 78.96999 | 2.95677 | 93.09499 | 72.56333 | 107.21998 | 133.94307 |
| 79.01165 | 2.89615 | 93.13665 | 73.11280 | 107.26165 | 134.19945 |
| 79.05332 | 2.91228 | 93.17832 | 73.67730 | 107.30332 | 134.47005 |
| 79.09499 | 2.78374 | 93.21999 | 74.14141 | 107.34498 | 134.72807 |
| 79.13665 | 2.78768 | 93.26165 | 74.68627 | 107.38665 | 134.88697 |
| 79.17832 | 2.75426 | 93.30332 | 75.15463 | 107.42832 | 135.14083 |
| 79.21999 | 2.74593 | 93.34499 | 75.64130 | 107.46998 | 135.31759 |
| 79.26165 | 2.68400 | 93.38665 | 76.07177 | 107.51165 | 135.40053 |
| 79.30332 | 2.67495 | 93.42832 | 76.47266 | 107.55332 | 135.61546 |

| | | | | | |
|---|---|---|---|---|---|
| 79.34499 | 2.70785 | 93.46999 | 76.88713 | 107.59498 | 135.74533 |
| 79.38665 | 2.77181 | 93.51165 | 77.26120 | 107.63665 | 135.83370 |
| 79.42832 | 2.86095 | 93.55332 | 77.55870 | 107.67832 | 135.97462 |
| 79.46999 | 2.94077 | 93.59499 | 77.85239 | 107.71998 | 136.05369 |
| 79.51165 | 3.06685 | 93.63665 | 78.11092 | 107.76165 | 136.18686 |
| 79.55332 | 3.28140 | 93.67832 | 78.37407 | 107.80332 | 136.28863 |
| 79.59499 | 3.45046 | 93.71999 | 78.64670 | 107.84498 | 136.43274 |
| 79.63665 | 3.67967 | 93.76165 | 78.90059 | 107.88665 | 136.54946 |
| 79.67832 | 3.90073 | 93.80332 | 79.19088 | 107.92832 | 136.72865 |
| 79.71999 | 4.10850 | 93.84499 | 79.39885 | 107.96998 | 136.90108 |
| 79.76165 | 4.32932 | 93.88665 | 79.62858 | 108.01165 | 137.10398 |
| 79.80332 | 4.56951 | 93.92832 | 79.86511 | 108.05332 | 137.27079 |
| 79.84499 | 4.89305 | 93.96999 | 80.05934 | 108.09498 | 137.48009 |
| 79.88665 | 5.27100 | 94.01165 | 80.24635 | 108.13665 | 137.68238 |
| 79.92832 | 5.73055 | 94.05332 | 80.43055 | 108.17832 | 137.84751 |
| 79.96999 | 6.13724 | 94.09499 | 80.66874 | 108.21998 | 138.06840 |
| 80.01165 | 6.52511 | 94.13665 | 80.79486 | 108.26165 | 138.20291 |
| 80.05332 | 6.87628 | 94.17832 | 80.97055 | 108.30332 | 138.43454 |
| 80.09499 | 7.15411 | 94.21999 | 81.13591 | 108.34498 | 138.62813 |
| 80.13665 | 7.31941 | 94.26165 | 81.31151 | 108.38665 | 138.81724 |
| 80.17832 | 7.35188 | 94.30332 | 81.43109 | 108.42832 | 139.03485 |
| 80.21999 | 7.37103 | 94.34499 | 81.53084 | 108.46998 | 139.21539 |
| 80.26165 | 7.42875 | 94.38665 | 81.68880 | 108.51165 | 139.40542 |
| 80.30332 | 7.55691 | 94.42832 | 81.77604 | 108.55332 | 139.53974 |
| 80.34499 | 7.53258 | 94.46999 | 81.95533 | 108.59498 | 139.72789 |
| 80.38665 | 7.60131 | 94.51165 | 82.03551 | 108.63665 | 139.83028 |
| 80.42832 | 7.61974 | 94.55332 | 82.15861 | 108.67832 | 140.02608 |
| 80.46999 | 7.66365 | 94.59499 | 82.25337 | 108.71998 | 140.13219 |
| 80.51165 | 7.67610 | 94.63665 | 82.37392 | 108.76165 | 140.25817 |
| 80.55332 | 7.71103 | 94.67832 | 82.47915 | 108.80332 | 140.31843 |
| 80.59499 | 7.69836 | 94.71999 | 82.58179 | 108.84498 | 140.45290 |
| 80.63665 | 7.75790 | 94.76165 | 82.66604 | 108.88665 | 140.52999 |
| 80.67832 | 7.75960 | 94.80332 | 82.82102 | 108.92832 | 140.61202 |
| 80.71999 | 7.73442 | 94.84499 | 82.86845 | 108.96998 | 140.65968 |
| 80.76165 | 7.72053 | 94.88665 | 82.95723 | 109.01165 | 140.69918 |
| 80.80332 | 7.66712 | 94.92832 | 83.07840 | 109.05332 | 140.83177 |
| 80.84499 | 7.62897 | 94.96999 | 83.16236 | 109.09498 | 140.86069 |
| 80.88665 | 7.64840 | 95.01165 | 83.20011 | 109.13665 | 140.93083 |
| 80.92832 | 7.59801 | 95.05332 | 83.30511 | 109.17832 | 140.94662 |
| 80.96999 | 7.53147 | 95.09499 | 83.32956 | 109.21998 | 141.00574 |
| 81.01165 | 7.52118 | 95.13665 | 83.45408 | 109.26165 | 141.12534 |
| 81.05332 | 7.46534 | 95.17832 | 83.51613 | 109.30332 | 141.16709 |
| 81.09499 | 7.39244 | 95.21999 | 83.63330 | 109.34498 | 141.25018 |
| 81.13665 | 7.34863 | 95.26165 | 83.63165 | 109.38665 | 141.32679 |
| 81.17832 | 7.33278 | 95.30332 | 83.74193 | 109.42832 | 141.42366 |
| 81.21999 | 7.30053 | 95.34499 | 83.79233 | 109.46998 | 141.51086 |
| 81.26165 | 7.30154 | 95.38665 | 83.82115 | 109.51165 | 141.67672 |

| | | | | | |
|---|---|---|---|---|---|
| 81.30332 | 7.28295 | 95.42832 | 83.90744 | 109.55332 | 141.82175 |
| 81.34499 | 7.30755 | 95.46999 | 83.92028 | 109.59498 | 142.04050 |
| 81.38665 | 7.35646 | 95.51165 | 83.93955 | 109.63665 | 142.28591 |
| 81.42832 | 7.40760 | 95.55332 | 83.97415 | 109.67832 | 142.55241 |
| 81.46999 | 7.53101 | 95.59499 | 84.01816 | 109.71998 | 142.81994 |
| 81.51165 | 7.63302 | 95.63665 | 84.05518 | 109.76165 | 143.12494 |
| 81.55332 | 7.75780 | 95.67832 | 84.03389 | 109.80332 | 143.43562 |
| 81.59499 | 7.92736 | 95.71999 | 84.07456 | 109.84498 | 143.79302 |
| 81.63665 | 8.08671 | 95.76165 | 84.08186 | 109.88665 | 144.10903 |
| 81.67832 | 8.24306 | 95.80332 | 84.15170 | 109.92832 | 144.43249 |
| 81.71999 | 8.44230 | 95.84499 | 84.13812 | 109.96998 | 144.77980 |
| 81.76165 | 8.54748 | 95.88665 | 84.20702 | 110.01165 | 145.13476 |
| 81.80332 | 8.69728 | 95.92832 | 84.24967 | 110.05332 | 145.43621 |
| 81.84499 | 8.83992 | 95.96999 | 84.33485 | 110.09498 | 145.68965 |
| 81.88665 | 8.95447 | 96.01165 | 84.43597 | 110.13665 | 146.09207 |
| 81.92832 | 9.02458 | 96.05332 | 84.66778 | 110.17832 | 146.51719 |
| 81.96999 | 9.09520 | 96.09499 | 84.89446 | 110.21998 | 146.86897 |
| 82.01165 | 9.17842 | 96.13665 | 85.14977 | 110.26165 | 147.19657 |
| 82.05332 | 9.20384 | 96.17832 | 85.44072 | 110.30332 | 147.58734 |
| 82.09499 | 9.24660 | 96.21999 | 85.82258 | 110.34498 | 147.90473 |
| 82.13665 | 9.25007 | 96.26165 | 86.17999 | 110.38665 | 148.23809 |
| 82.17832 | 9.29565 | 96.30332 | 86.50850 | 110.42832 | 148.58513 |
| 82.21999 | 9.32951 | 96.34499 | 86.87223 | 110.46998 | 148.76958 |
| 82.26165 | 9.32807 | 96.38665 | 87.18115 | 110.51165 | 148.98720 |
| 82.30332 | 9.28701 | 96.42832 | 87.54575 | 110.55332 | 149.13520 |
| 82.34499 | 9.33283 | 96.46999 | 87.84760 | 110.59498 | 149.31945 |
| 82.38665 | 9.38778 | 96.51165 | 88.14085 | 110.63665 | 149.57613 |
| 82.42832 | 9.40101 | 96.55332 | 88.52737 | 110.67832 | 149.70841 |
| 82.46999 | 9.44150 | 96.59499 | 88.84599 | 110.71998 | 149.81918 |
| 82.51165 | 9.46219 | 96.63665 | 89.26804 | 110.76165 | 150.02751 |
| 82.55332 | 9.51322 | 96.67832 | 89.60643 | 110.80332 | 150.17462 |
| 82.59499 | 9.51474 | 96.71999 | 89.97128 | 110.84498 | 150.26864 |
| 82.63665 | 9.58915 | 96.76165 | 90.34253 | 110.88665 | 150.40313 |
| 82.67832 | 9.67256 | 96.80332 | 90.65265 | 110.92832 | 150.49216 |
| 82.71999 | 9.75513 | 96.84499 | 91.00274 | 110.96998 | 150.57032 |
| 82.76165 | 9.75317 | 96.88665 | 91.31178 | 111.01165 | 150.66679 |
| 82.80332 | 9.86984 | 96.92832 | 91.60450 | 111.05332 | 150.71324 |
| 82.84499 | 9.99850 | 96.96999 | 91.92909 | 111.09498 | 150.75003 |
| 82.88665 | 10.06885 | 97.01165 | 92.19249 | 111.13665 | 150.80829 |
| 82.92832 | 10.17550 | 97.05332 | 92.42451 | 111.17832 | 150.78815 |
| 82.96999 | 10.30486 | 97.09499 | 92.66610 | 111.21998 | 150.70580 |
| 83.01165 | 10.40971 | 97.13665 | 92.83145 | 111.26165 | 150.63773 |
| 83.05332 | 10.53530 | 97.17832 | 93.04741 | 111.30332 | 150.48380 |
| 83.09499 | 10.69172 | 97.21999 | 93.23075 | 111.34498 | 150.31841 |
| 83.13665 | 10.80002 | 97.26165 | 93.41522 | 111.38665 | 150.18271 |
| 83.17832 | 10.88614 | 97.30332 | 93.61753 | 111.42832 | 150.02547 |
| 83.21999 | 11.03009 | 97.34499 | 93.77250 | 111.46998 | 149.80931 |

| | | | | | |
|---|---|---|---|---|---|
| 83.26165 | 11.17394 | 97.38665 | 93.95559 | 111.51165 | 149.67963 |
| 83.30332 | 11.29718 | 97.42832 | 94.07481 | 111.55332 | 149.55079 |
| 83.34499 | 11.44889 | 97.46999 | 94.26268 | 111.59498 | 149.46809 |
| 83.38665 | 11.55057 | 97.51165 | 94.43942 | 111.63665 | 149.39325 |
| 83.42832 | 11.69210 | 97.55332 | 94.62109 | 111.67832 | 149.42567 |
| 83.46999 | 11.77893 | 97.59499 | 94.80800 | 111.71998 | 149.47571 |
| 83.51165 | 11.94391 | 97.63665 | 95.03360 | 111.76165 | 149.51381 |
| 83.55332 | 12.03982 | 97.67832 | 95.26324 | 111.80332 | 149.59765 |
| 83.59499 | 12.14817 | 97.71999 | 95.45250 | 111.84498 | 149.67755 |
| 83.63665 | 12.27850 | 97.76165 | 95.71700 | 111.88665 | 149.73998 |
| 83.67832 | 12.38869 | 97.80332 | 95.98921 | 111.92832 | 149.81765 |
| 83.71999 | 12.56368 | 97.84499 | 96.26305 | 111.96998 | 150.01277 |
| 83.76165 | 12.65833 | 97.88665 | 96.68465 | 112.01165 | 150.13882 |
| 83.80332 | 12.80321 | 97.92832 | 97.16110 | 112.05332 | 150.22119 |
| 83.84499 | 13.10116 | 97.96999 | 97.76762 | 112.09498 | 150.37387 |
| 83.88665 | 13.33327 | 98.01165 | 98.43877 | 112.13665 | 150.50700 |
| 83.92832 | 13.60162 | 98.05332 | 98.95710 | 112.17832 | 150.81089 |
| 83.96999 | 13.94703 | 98.09499 | 99.39413 | 112.21998 | 151.13360 |
| 84.01165 | 14.35456 | 98.13665 | 99.74618 | 112.26165 | 151.56646 |
| 84.05332 | 14.74460 | 98.17832 | 99.90532 | 112.30332 | 151.96582 |
| 84.09499 | 15.12730 | 98.21999 | 99.95818 | 112.34498 | 152.44785 |
| 84.13665 | 15.56607 | 98.26165 | 99.99844 | 112.38665 | 152.91506 |
| 84.17832 | 15.95697 | 98.30332 | 100.07071 | 112.42832 | 153.35331 |
| 84.21999 | 16.36505 | 98.34499 | 100.08425 | 112.46998 | 153.79597 |
| 84.26165 | 16.71304 | 98.38665 | 100.12923 | 112.51165 | 154.22847 |
| 84.30332 | 17.14019 | 98.42832 | 100.14661 | 112.55332 | 154.56996 |
| 84.34499 | 17.57195 | 98.46999 | 100.19032 | 112.59498 | 154.86881 |
| 84.38665 | 17.95402 | 98.51165 | 100.22646 | 112.63665 | 155.18331 |
| 84.42832 | 18.44668 | 98.55332 | 100.28337 | 112.67832 | 155.32691 |
| 84.46999 | 18.84514 | 98.59499 | 100.25533 | 112.71998 | 155.40238 |
| 84.51165 | 19.28554 | 98.63665 | 100.28643 | 112.76165 | 155.40868 |
| 84.55332 | 19.75289 | 98.67832 | 100.27955 | 112.80332 | 155.35306 |
| 84.59499 | 20.18640 | 98.71999 | 100.30455 | 112.84498 | 155.33612 |
| 84.63665 | 20.61029 | 98.76165 | 100.35309 | 112.88665 | 155.33243 |
| 84.67832 | 21.01671 | 98.80332 | 100.33798 | 112.92832 | 155.26697 |
| 84.71999 | 21.50193 | 98.84499 | 100.35580 | 112.96998 | 155.27890 |
| 84.76165 | 21.90399 | 98.88665 | 100.36310 | 113.01165 | 155.23883 |
| 84.80332 | 22.33242 | 98.92832 | 100.30970 | 113.05332 | 155.16952 |
| 84.84499 | 22.80565 | 98.96999 | 100.36166 | 113.09498 | 155.16219 |
| 84.88665 | 23.25387 | 99.01165 | 100.38076 | 113.13665 | 155.06902 |
| 84.92832 | 23.67050 | 99.05332 | 100.35017 | 113.17832 | 155.06245 |
| 84.96999 | 24.13174 | 99.09499 | 100.34008 | 113.21998 | 155.01459 |
| 85.01165 | 24.51013 | 99.13665 | 100.36433 | 113.26165 | 154.92564 |
| 85.05332 | 24.97352 | 99.17832 | 100.34588 | 113.30332 | 154.97200 |
| 85.09499 | 25.36110 | 99.21999 | 100.34351 | 113.34498 | 154.94727 |
| 85.13665 | 25.75074 | 99.26165 | 100.33224 | 113.38665 | 154.94252 |
| 85.17832 | 26.14258 | 99.30332 | 100.36876 | 113.42832 | 154.92468 |

| | | | | | |
|---|---|---|---|---|---|
| 85.21999 | 26.50198 | 99.34499 | 100.33464 | 113.46998 | 154.96882 |
| 85.26165 | 26.81436 | 99.38665 | 100.37948 | 113.51165 | 155.04213 |
| 85.30332 | 27.10357 | 99.42832 | 100.30967 | 113.55332 | 155.17444 |
| 85.34499 | 27.41185 | 99.46999 | 100.35898 | 113.59498 | 155.27194 |
| 85.38665 | 27.66480 | 99.51165 | 100.37230 | 113.63665 | 155.40891 |
| 85.42832 | 27.90778 | 99.55332 | 100.46278 | 113.67832 | 155.56086 |
| 85.46999 | 28.24212 | 99.59499 | 100.59318 | 113.71998 | 155.72736 |
| 85.51165 | 28.52540 | 99.63665 | 100.79687 | 113.76165 | 155.92270 |
| 85.55332 | 28.92272 | 99.67832 | 101.06654 | 113.80332 | 156.07042 |
| 85.59499 | 29.26834 | 99.71999 | 101.28036 | 113.84498 | 156.21766 |
| 85.63665 | 29.75563 | 99.76165 | 101.57903 | 113.88665 | 156.34076 |
| 85.67832 | 30.29182 | 99.80332 | 101.94521 | 113.92832 | 156.51309 |
| 85.71999 | 30.98912 | 99.84499 | 102.22744 | 113.96998 | 156.64793 |
| 85.76165 | 31.91262 | 99.88665 | 102.52853 | 114.01165 | 156.70092 |
| 85.80332 | 33.08192 | 99.92832 | 102.82805 | 114.05332 | 156.73760 |
| 85.84499 | 34.13060 | 99.96999 | 103.08436 | 114.09498 | 156.73501 |
| 85.88665 | 35.18320 | 100.01165 | 103.37040 | 114.13665 | 156.75893 |
| 85.92832 | 36.07591 | 100.05332 | 103.58324 | 114.17832 | 156.84523 |
| 85.96999 | 36.90775 | 100.09498 | 103.73614 | 114.21998 | 156.86211 |
| 86.01165 | 37.74179 | 100.13665 | 103.84365 | 114.26165 | 156.92705 |
| 86.05332 | 38.54731 | 100.17832 | 104.04180 | 114.30332 | 156.89043 |
| 86.09499 | 39.19536 | 100.21998 | 104.12368 | 114.34498 | 156.89871 |
| 86.13665 | 39.83422 | 100.26165 | 104.24167 | 114.38665 | 156.93258 |
| 86.17832 | 40.27461 | 100.30332 | 104.38879 | 114.42832 | 156.94257 |
| 86.21999 | 40.64579 | 100.34498 | 104.46944 | 114.46998 | 156.93304 |
| 86.26165 | 41.02006 | 100.38665 | 104.60568 | 114.51165 | 156.93472 |
| 86.30332 | 41.35759 | 100.42832 | 104.71227 | 114.55332 | 156.97268 |
| 86.34499 | 41.71222 | 100.46998 | 104.82731 | 114.59498 | 156.99175 |
| 86.38665 | 42.00704 | 100.51165 | 104.90490 | 114.63665 | 157.06837 |
| 86.42832 | 42.31528 | 100.55332 | 105.04480 | 114.67832 | 157.01213 |
| 86.46999 | 42.59878 | 100.59498 | 105.18030 | 114.71998 | 157.04606 |
| 86.51165 | 42.91418 | 100.63665 | 105.28390 | 114.76165 | 157.01425 |
| 86.55332 | 43.16190 | 100.67832 | 105.44498 | 114.80332 | 157.06461 |
| 86.59499 | 43.39987 | 100.71999 | 105.54396 | 114.84498 | 157.08714 |
| 86.63665 | 43.54903 | 100.76165 | 105.73151 | 114.88665 | 157.08594 |
| 86.67832 | 43.78432 | 100.80332 | 105.89128 | 114.92832 | 157.13795 |
| 86.71999 | 43.97581 | 100.84498 | 106.07659 | 114.96998 | 157.08852 |
| 86.76165 | 44.05318 | 100.88665 | 106.27975 | 115.01165 | 157.16581 |
| 86.80332 | 44.25094 | 100.92832 | 106.52015 | 115.05332 | 157.21200 |
| 86.84499 | 44.30653 | 100.96998 | 106.71673 | 115.09498 | 157.21020 |
| 86.88665 | 44.38519 | 101.01165 | 106.95138 | 115.13665 | 157.21139 |
| 86.92832 | 44.37429 | 101.05332 | 107.23182 | 115.17832 | 157.24554 |
| 86.96999 | 44.45412 | 101.09498 | 107.49583 | 115.21998 | 157.32554 |
| 87.01165 | 44.41817 | 101.13665 | 107.79424 | 115.26165 | 157.35379 |
| 87.05332 | 44.45050 | 101.17832 | 108.10794 | 115.30332 | 157.40165 |
| 87.09499 | 44.41394 | 101.21998 | 108.35973 | 115.34498 | 157.42601 |
| 87.13665 | 44.38424 | 101.26165 | 108.69310 | 115.38665 | 157.46013 |

| | | | | | |
|---|---|---|---|---|---|
| 87.17832 | 44.42999 | 101.30332 | 108.94690 | 115.42832 | 157.52919 |
| 87.21999 | 44.43003 | 101.34498 | 109.26594 | 115.46998 | 157.53415 |
| 87.26165 | 44.46761 | 101.38665 | 109.61011 | 115.51165 | 157.59776 |
| 87.30332 | 44.42502 | 101.42832 | 109.93332 | 115.55332 | 157.65510 |
| 87.34499 | 44.40067 | 101.46998 | 110.18099 | 115.59498 | 157.70299 |
| 87.38665 | 44.43688 | 101.51165 | 110.55056 | 115.63666 | 157.75345 |
| 87.42832 | 44.43295 | 101.55332 | 110.90030 | 115.67829 | 157.84097 |
| 87.46999 | 44.42171 | 101.59498 | 111.23179 | 115.72012 | 157.89784 |
| 87.51165 | 44.46381 | 101.63665 | 111.60895 | 115.76103 | 157.97028 |
| 87.55332 | 44.42887 | 101.67832 | 112.03348 | 115.80482 | 158.04510 |
| 87.59499 | 44.41715 | 101.71999 | 112.39311 | 115.82138 | 158.12406 |

SeDep3

| Julian Date | Mass | Julian Date | Mass | Julian Date | Mass |
|---|---|---|---|---|---|
| 73.50331 | 4.23903 | 85.92083 | 32.34036 | 98.33750 | 49.62038 |
| 73.54624 | 4.41262 | 85.96250 | 32.44875 | 98.37916 | 49.71191 |
| 73.58742 | 4.52057 | 86.00416 | 32.25921 | 98.42083 | 49.82186 |
| 73.62918 | 4.50821 | 86.04583 | 32.06723 | 98.46250 | 49.95671 |
| 73.67083 | 4.52989 | 86.08750 | 32.06461 | 98.50416 | 50.07883 |
| 73.71250 | 4.50781 | 86.12916 | 32.00520 | 98.54583 | 50.15340 |
| 73.75416 | 4.49385 | 86.17083 | 32.05364 | 98.58750 | 50.28704 |
| 73.79583 | 4.42241 | 86.21250 | 32.02176 | 98.62916 | 50.42108 |
| 73.83750 | 4.39964 | 86.25416 | 32.06040 | 98.67083 | 50.54502 |
| 73.87916 | 4.33060 | 86.29583 | 32.05090 | 98.71250 | 50.65416 |
| 73.92083 | 4.27470 | 86.33750 | 32.03523 | 98.75416 | 50.80407 |
| 73.96250 | 4.24423 | 86.37916 | 32.02368 | 98.79583 | 50.87826 |
| 74.00416 | 4.20708 | 86.42083 | 31.99365 | 98.83750 | 51.04502 |
| 74.04583 | 4.16088 | 86.46250 | 32.00519 | 98.87916 | 51.18802 |
| 74.08750 | 4.11659 | 86.50416 | 32.01485 | 98.92083 | 51.37062 |
| 74.12916 | 4.08618 | 86.54583 | 31.99929 | 98.96250 | 51.46299 |
| 74.17083 | 4.08355 | 86.58750 | 32.05173 | 99.00416 | 51.61352 |
| 74.21250 | 4.09345 | 86.62916 | 32.09771 | 99.04583 | 51.75258 |
| 74.25416 | 4.03911 | 86.67083 | 32.03073 | 99.08750 | 51.91581 |
| 74.29583 | 4.03273 | 86.71250 | 32.02498 | 99.12916 | 52.05867 |
| 74.33750 | 4.08169 | 86.75416 | 32.03716 | 99.17083 | 52.16134 |
| 74.37916 | 4.08551 | 86.79583 | 32.05112 | 99.21250 | 52.34035 |
| 74.42083 | 4.06164 | 86.83750 | 32.05095 | 99.25416 | 52.43369 |
| 74.46250 | 4.07829 | 86.87916 | 32.03972 | 99.29583 | 52.61780 |
| 74.50416 | 4.10926 | 86.92083 | 32.03389 | 99.33750 | 52.71730 |
| 74.54583 | 4.08418 | 86.96250 | 31.98654 | 99.37916 | 52.89683 |
| 74.58750 | 4.05985 | 87.00416 | 31.98352 | 99.42083 | 52.97812 |
| 74.62916 | 4.05818 | 87.04583 | 31.81607 | 99.46250 | 53.10380 |
| 74.67083 | 4.05949 | 87.08750 | 31.80380 | 99.50416 | 53.30594 |
| 74.71250 | 4.12823 | 87.12916 | 31.70244 | 99.54583 | 53.41471 |
| 74.75416 | 4.26941 | 87.17083 | 31.63834 | 99.58750 | 53.57458 |
| 74.79583 | 4.33824 | 87.21250 | 31.61738 | 99.62916 | 53.67749 |
| 74.83750 | 4.50074 | 87.25416 | 31.55630 | 99.67083 | 53.80458 |
| 74.87916 | 4.67853 | 87.29583 | 31.45487 | 99.71250 | 53.99169 |
| 74.92083 | 4.94028 | 87.33750 | 31.39533 | 99.75416 | 54.13188 |
| 74.96250 | 5.06826 | 87.37916 | 31.31589 | 99.79583 | 54.27362 |
| 75.00416 | 5.27744 | 87.42083 | 31.25310 | 99.83750 | 54.35651 |
| 75.04583 | 5.48480 | 87.46250 | 31.19928 | 99.87916 | 54.55547 |
| 75.08750 | 5.65485 | 87.50416 | 31.08901 | 99.92083 | 54.63717 |
| 75.12916 | 5.85533 | 87.54583 | 31.05917 | 99.96250 | 54.78863 |
| 75.17083 | 5.91985 | 87.58750 | 30.94420 | 100.00416 | 54.91043 |
| 75.21250 | 6.04034 | 87.62916 | 30.86752 | 100.04583 | 55.09857 |
| 75.25416 | 6.16268 | 87.67083 | 30.82409 | 100.08750 | 55.21446 |
| 75.29583 | 6.33402 | 87.71250 | 30.68700 | 100.12916 | 55.33296 |
| 75.33750 | 6.41687 | 87.75416 | 30.67332 | 100.17083 | 55.45746 |
| 75.37916 | 6.55235 | 87.79583 | 30.55186 | 100.21250 | 55.57586 |

| | | | | | |
|---|---|---|---|---|---|
| 75.42083 | 6.64023 | 87.83750 | 30.45995 | 100.25416 | 55.67430 |
| 75.46250 | 6.81641 | 87.87916 | 30.42541 | 100.29583 | 55.81287 |
| 75.50416 | 6.84902 | 87.92083 | 30.35564 | 100.33750 | 55.95388 |
| 75.54583 | 6.94329 | 87.96250 | 30.33479 | 100.37916 | 56.05440 |
| 75.58750 | 7.09546 | 88.00416 | 30.29476 | 100.42083 | 56.14487 |
| 75.62916 | 7.19630 | 88.04583 | 30.24197 | 100.46250 | 56.25927 |
| 75.67083 | 7.31555 | 88.08750 | 30.24506 | 100.50416 | 56.34761 |
| 75.71250 | 7.35937 | 88.12916 | 30.19483 | 100.54583 | 56.47790 |
| 75.75416 | 7.46260 | 88.17083 | 30.23697 | 100.58750 | 56.57792 |
| 75.79583 | 7.52273 | 88.21250 | 30.24111 | 100.62916 | 56.69702 |
| 75.83750 | 7.59778 | 88.25416 | 30.29090 | 100.67083 | 56.75797 |
| 75.87916 | 7.64319 | 88.29583 | 30.33183 | 100.71250 | 56.90033 |
| 75.92083 | 7.68966 | 88.33750 | 30.46906 | 100.75416 | 56.99527 |
| 75.96250 | 7.71696 | 88.37916 | 30.61651 | 100.79583 | 57.12495 |
| 76.00416 | 7.75829 | 88.42083 | 30.75657 | 100.83750 | 57.18374 |
| 76.04583 | 7.69249 | 88.46250 | 30.90442 | 100.87916 | 57.41010 |
| 76.08750 | 7.73206 | 88.50416 | 31.11272 | 100.92083 | 57.53983 |
| 76.12916 | 7.64317 | 88.54583 | 31.28487 | 100.96250 | 57.66331 |
| 76.17083 | 7.69071 | 88.58750 | 31.47924 | 101.00416 | 57.83104 |
| 76.21250 | 7.62186 | 88.62916 | 31.69950 | 101.04583 | 57.92451 |
| 76.25416 | 7.54027 | 88.67083 | 31.88116 | 101.08750 | 58.10934 |
| 76.29583 | 7.49726 | 88.71250 | 32.08047 | 101.12916 | 58.31514 |
| 76.33750 | 7.38881 | 88.75416 | 32.30418 | 101.17083 | 58.53014 |
| 76.37916 | 7.33592 | 88.79583 | 32.53016 | 101.21250 | 58.84269 |
| 76.42083 | 7.26190 | 88.83750 | 32.67920 | 101.25416 | 59.11151 |
| 76.46250 | 7.18494 | 88.87916 | 32.88153 | 101.29583 | 59.41572 |
| 76.50416 | 7.07246 | 88.92083 | 33.03507 | 101.33750 | 59.61574 |
| 76.54583 | 7.02580 | 88.96250 | 33.24989 | 101.37916 | 59.90979 |
| 76.58750 | 6.88921 | 89.00416 | 33.44400 | 101.42083 | 60.09408 |
| 76.62916 | 6.79364 | 89.04583 | 33.64545 | 101.46250 | 60.29548 |
| 76.67083 | 6.72258 | 89.08750 | 33.84478 | 101.50416 | 60.47748 |
| 76.71250 | 6.63113 | 89.12916 | 34.12357 | 101.54583 | 60.66812 |
| 76.75416 | 6.56950 | 89.17083 | 34.25015 | 101.58750 | 60.82673 |
| 76.79583 | 6.48646 | 89.21250 | 34.45355 | 101.62916 | 60.97041 |
| 76.83750 | 6.42003 | 89.25416 | 34.58640 | 101.67083 | 61.08886 |
| 76.87916 | 6.34957 | 89.29583 | 34.68690 | 101.71250 | 61.22335 |
| 76.92083 | 6.26115 | 89.33750 | 34.75386 | 101.75416 | 61.37143 |
| 76.96250 | 6.24348 | 89.37916 | 34.76294 | 101.79583 | 61.46521 |
| 77.00416 | 6.20096 | 89.42083 | 34.80223 | 101.83750 | 61.59356 |
| 77.04583 | 6.16418 | 89.46250 | 34.73109 | 101.87916 | 61.74338 |
| 77.08750 | 6.07477 | 89.50416 | 34.77724 | 101.92083 | 61.85415 |
| 77.12916 | 6.01061 | 89.54583 | 34.68646 | 101.96250 | 61.91362 |
| 77.17083 | 5.98201 | 89.58750 | 34.71360 | 102.00416 | 62.05764 |
| 77.21250 | 5.90983 | 89.62916 | 34.64397 | 102.04583 | 62.19779 |
| 77.25416 | 5.86659 | 89.67083 | 34.62355 | 102.08750 | 62.31622 |
| 77.29583 | 5.80346 | 89.71250 | 34.54613 | 102.12916 | 62.42090 |
| 77.33750 | 5.77588 | 89.75416 | 34.56024 | 102.17083 | 62.56846 |

| | | | | | |
|---|---|---|---|---|---|
| 77.37916 | 5.71667 | 89.79583 | 34.53471 | 102.21250 | 62.64417 |
| 77.42083 | 5.67436 | 89.83750 | 34.46276 | 102.25416 | 62.79580 |
| 77.46250 | 5.63840 | 89.87916 | 34.44564 | 102.29583 | 62.93024 |
| 77.50416 | 5.60547 | 89.92083 | 34.35992 | 102.33750 | 63.05470 |
| 77.54583 | 5.54473 | 89.96250 | 34.34839 | 102.37916 | 63.24436 |
| 77.58750 | 5.52620 | 90.00416 | 34.32078 | 102.42083 | 63.33141 |
| 77.62916 | 5.49121 | 90.04583 | 34.32763 | 102.46250 | 63.55383 |
| 77.67083 | 5.43356 | 90.08750 | 34.28733 | 102.50416 | 63.66567 |
| 77.71250 | 5.36224 | 90.12916 | 34.35510 | 102.54583 | 63.92316 |
| 77.75416 | 5.32181 | 90.17083 | 34.39056 | 102.58750 | 64.13907 |
| 77.79583 | 5.26791 | 90.21250 | 34.43544 | 102.62916 | 64.34966 |
| 77.83750 | 5.25304 | 90.25416 | 34.55431 | 102.67083 | 64.56575 |
| 77.87916 | 5.18610 | 90.29583 | 34.65653 | 102.71250 | 64.82446 |
| 77.92083 | 5.18000 | 90.33750 | 34.79203 | 102.75416 | 65.19457 |
| 77.96250 | 5.09171 | 90.37916 | 34.87848 | 102.79583 | 65.62614 |
| 78.00416 | 5.09689 | 90.42083 | 34.98141 | 102.83750 | 66.01931 |
| 78.04583 | 5.10606 | 90.46250 | 35.10018 | 102.87916 | 66.49162 |
| 78.08750 | 5.04881 | 90.50416 | 35.24704 | 102.92083 | 67.09318 |
| 78.12916 | 5.01925 | 90.54583 | 35.35582 | 102.96250 | 67.59242 |
| 78.17083 | 4.99497 | 90.58750 | 35.47597 | 103.00416 | 68.06604 |
| 78.21250 | 5.00781 | 90.62916 | 35.61065 | 103.04583 | 68.49131 |
| 78.25416 | 4.99404 | 90.67083 | 35.69704 | 103.08750 | 68.83725 |
| 78.29583 | 4.99370 | 90.71250 | 35.79477 | 103.12916 | 69.10529 |
| 78.33750 | 5.03588 | 90.75416 | 35.86422 | 103.17083 | 69.25198 |
| 78.37916 | 5.02029 | 90.79583 | 35.94668 | 103.21250 | 69.44315 |
| 78.42083 | 5.01178 | 90.83750 | 35.99291 | 103.25416 | 69.62425 |
| 78.46250 | 5.05750 | 90.87916 | 36.03685 | 103.29583 | 69.74674 |
| 78.50416 | 5.06960 | 90.92083 | 36.16621 | 103.33750 | 69.88024 |
| 78.54583 | 5.07105 | 90.96250 | 36.23071 | 103.37916 | 70.02217 |
| 78.58750 | 5.07378 | 91.00416 | 36.30968 | 103.42083 | 70.10672 |
| 78.62916 | 5.11000 | 91.04583 | 36.32114 | 103.46250 | 70.21462 |
| 78.67083 | 5.11233 | 91.08750 | 36.42004 | 103.50416 | 70.29683 |
| 78.71250 | 5.16807 | 91.12916 | 36.53025 | 103.54583 | 70.40027 |
| 78.75416 | 5.15160 | 91.17083 | 36.61517 | 103.58750 | 70.45827 |
| 78.79583 | 5.19982 | 91.21250 | 36.64525 | 103.62916 | 70.51296 |
| 78.83750 | 5.22085 | 91.25416 | 36.77630 | 103.67083 | 70.52781 |
| 78.87916 | 5.31113 | 91.29583 | 36.90154 | 103.71250 | 70.55691 |
| 78.92083 | 5.29399 | 91.33750 | 36.99928 | 103.75416 | 70.55064 |
| 78.96250 | 5.35430 | 91.37916 | 37.08313 | 103.79583 | 70.58504 |
| 79.00416 | 5.36196 | 91.42083 | 37.22935 | 103.83750 | 70.56160 |
| 79.04583 | 5.40130 | 91.46250 | 37.38740 | 103.87916 | 70.52359 |
| 79.08750 | 5.42223 | 91.50416 | 37.51717 | 103.92083 | 70.55891 |
| 79.12916 | 5.48969 | 91.54583 | 37.61596 | 103.96250 | 70.58456 |
| 79.17083 | 5.54008 | 91.58750 | 37.76649 | 104.00416 | 70.55382 |
| 79.21250 | 5.60273 | 91.62916 | 37.84024 | 104.04583 | 70.56615 |
| 79.25416 | 5.66439 | 91.67083 | 38.02657 | 104.08750 | 70.55107 |
| 79.29583 | 5.69403 | 91.71250 | 38.15101 | 104.12916 | 70.55157 |

| | | | | | |
|---|---|---|---|---|---|
| 79.33750 | 5.71264 | 91.75416 | 38.32078 | 104.17083 | 70.57049 |
| 79.37916 | 5.81665 | 91.79583 | 38.45393 | 104.21250 | 70.56447 |
| 79.42083 | 5.86976 | 91.83750 | 38.62484 | 104.25416 | 70.55514 |
| 79.46250 | 5.92859 | 91.87916 | 38.78863 | 104.29583 | 70.56420 |
| 79.50416 | 5.99982 | 91.92083 | 38.87483 | 104.33750 | 70.57100 |
| 79.54583 | 6.10860 | 91.96250 | 39.06794 | 104.37916 | 70.60203 |
| 79.58750 | 6.34482 | 92.00416 | 39.18157 | 104.42083 | 70.53746 |
| 79.62916 | 6.52111 | 92.04583 | 39.28565 | 104.46250 | 70.53472 |
| 79.67083 | 6.69422 | 92.08750 | 39.42365 | 104.50416 | 70.45356 |
| 79.71250 | 6.89640 | 92.12916 | 39.56400 | 104.54583 | 70.35995 |
| 79.75416 | 7.16260 | 92.17083 | 39.71273 | 104.58750 | 70.26538 |
| 79.79583 | 7.43533 | 92.21250 | 39.84888 | 104.62916 | 70.17896 |
| 79.83750 | 7.62866 | 92.25416 | 39.96655 | 104.67083 | 70.07525 |
| 79.87916 | 7.86430 | 92.29583 | 40.04872 | 104.71250 | 70.00293 |
| 79.92083 | 8.09892 | 92.33750 | 40.22134 | 104.75416 | 69.83532 |
| 79.96250 | 8.26526 | 92.37916 | 40.34166 | 104.79583 | 69.80653 |
| 80.00416 | 8.41391 | 92.42083 | 40.44905 | 104.83750 | 69.66727 |
| 80.04583 | 8.54764 | 92.46250 | 40.60424 | 104.87916 | 69.68643 |
| 80.08750 | 8.61278 | 92.50416 | 40.73490 | 104.92083 | 69.64063 |
| 80.12916 | 8.70247 | 92.54583 | 40.87960 | 104.96250 | 69.67419 |
| 80.17083 | 8.76546 | 92.58750 | 40.97889 | 105.00416 | 69.96441 |
| 80.21250 | 8.77774 | 92.62916 | 41.11953 | 105.04583 | 70.25440 |
| 80.25416 | 8.82763 | 92.67083 | 41.27494 | 105.08750 | 70.77242 |
| 80.29583 | 8.86177 | 92.71250 | 41.41267 | 105.12916 | 71.24120 |
| 80.33750 | 8.87682 | 92.75416 | 41.58952 | 105.17083 | 71.74059 |
| 80.37916 | 9.01307 | 92.79583 | 41.71152 | 105.21250 | 72.28246 |
| 80.42083 | 8.97870 | 92.83750 | 41.85044 | 105.25416 | 72.70052 |
| 80.46250 | 9.00851 | 92.87916 | 41.92943 | 105.29583 | 73.05975 |
| 80.50416 | 9.06601 | 92.92083 | 42.07714 | 105.33750 | 73.23872 |
| 80.54583 | 9.06902 | 92.96250 | 42.20636 | 105.37916 | 73.32997 |
| 80.58750 | 9.13607 | 93.00416 | 42.25934 | 105.42083 | 73.33776 |
| 80.62916 | 9.07539 | 93.04583 | 42.31800 | 105.46250 | 73.27704 |
| 80.67083 | 9.07921 | 93.08750 | 42.47930 | 105.50416 | 73.32717 |
| 80.71250 | 9.10937 | 93.12916 | 42.48265 | 105.54583 | 73.35538 |
| 80.75416 | 9.09352 | 93.17083 | 42.54514 | 105.58750 | 73.31836 |
| 80.79583 | 9.12306 | 93.21250 | 42.57787 | 105.62916 | 73.28926 |
| 80.83750 | 9.10028 | 93.25416 | 42.56876 | 105.67083 | 73.29058 |
| 80.87916 | 9.13555 | 93.29583 | 42.57355 | 105.71250 | 73.28310 |
| 80.92083 | 9.11022 | 93.33750 | 42.61030 | 105.75416 | 73.31117 |
| 80.96250 | 9.09952 | 93.37916 | 42.57171 | 105.79583 | 73.27847 |
| 81.00416 | 9.13852 | 93.42083 | 42.55013 | 105.83750 | 73.34303 |
| 81.04583 | 9.15115 | 93.46250 | 42.53295 | 105.87916 | 73.32546 |
| 81.08750 | 9.12715 | 93.50416 | 42.55300 | 105.92083 | 73.31608 |
| 81.12916 | 9.13661 | 93.54583 | 42.56451 | 105.96250 | 73.32756 |
| 81.17083 | 9.15178 | 93.58750 | 42.48164 | 106.00416 | 73.39916 |
| 81.21250 | 9.17330 | 93.62916 | 42.46044 | 106.04583 | 73.49364 |
| 81.25416 | 9.16281 | 93.67083 | 42.46920 | 106.08750 | 73.69834 |

| | | | | | |
|---|---|---|---|---|---|
| 81.29583 | 9.19321 | 93.71250 | 42.39489 | 106.12916 | 73.87305 |
| 81.33750 | 9.19937 | 93.75416 | 42.42078 | 106.17083 | 74.13500 |
| 81.37916 | 9.21251 | 93.79583 | 42.40422 | 106.21250 | 74.36462 |
| 81.42083 | 9.29000 | 93.83750 | 42.39900 | 106.25416 | 74.63053 |
| 81.46250 | 9.30912 | 93.87916 | 42.31981 | 106.29583 | 74.90064 |
| 81.50416 | 9.30703 | 93.92083 | 42.28886 | 106.33750 | 75.10075 |
| 81.54583 | 9.37872 | 93.96250 | 42.26891 | 106.37916 | 75.31279 |
| 81.58750 | 9.44021 | 94.00416 | 42.32559 | 106.42083 | 75.52150 |
| 81.62916 | 9.40945 | 94.04583 | 42.23430 | 106.46250 | 75.60729 |
| 81.67083 | 9.45139 | 94.08750 | 42.22050 | 106.50416 | 75.63690 |
| 81.71250 | 9.45118 | 94.12916 | 42.21300 | 106.54583 | 75.72683 |
| 81.75416 | 9.52404 | 94.17083 | 42.17928 | 106.58750 | 75.73119 |
| 81.79583 | 9.58761 | 94.21250 | 42.16461 | 106.62916 | 75.76958 |
| 81.83750 | 9.67745 | 94.25416 | 42.12434 | 106.67083 | 75.80286 |
| 81.87916 | 9.76707 | 94.29583 | 42.14597 | 106.71250 | 75.81294 |
| 81.92083 | 9.82206 | 94.33750 | 42.15022 | 106.75416 | 75.83750 |
| 81.96250 | 9.93920 | 94.37916 | 42.11516 | 106.79583 | 75.87294 |
| 82.00416 | 10.04882 | 94.42083 | 42.14352 | 106.83750 | 75.91762 |
| 82.04583 | 10.19710 | 94.46250 | 42.14218 | 106.87916 | 75.96817 |
| 82.08750 | 10.30566 | 94.50416 | 42.21347 | 106.92083 | 76.02706 |
| 82.12916 | 10.45926 | 94.54583 | 42.29650 | 106.96250 | 76.12301 |
| 82.17083 | 10.56315 | 94.58750 | 42.35582 | 107.00416 | 76.29633 |
| 82.21250 | 10.68652 | 94.62916 | 42.43777 | 107.04583 | 76.55412 |
| 82.25416 | 10.80498 | 94.67083 | 42.58924 | 107.08750 | 77.01918 |
| 82.29583 | 10.88899 | 94.71250 | 42.66877 | 107.12916 | 77.47497 |
| 82.33750 | 10.96481 | 94.75416 | 42.76254 | 107.17083 | 77.92633 |
| 82.37916 | 11.07305 | 94.79583 | 42.95098 | 107.21250 | 78.43527 |
| 82.42083 | 11.14545 | 94.83750 | 43.04480 | 107.25416 | 78.95027 |
| 82.46250 | 11.17691 | 94.87916 | 43.11689 | 107.29583 | 79.47795 |
| 82.50416 | 11.29457 | 94.92083 | 43.18607 | 107.33750 | 79.97948 |
| 82.54583 | 11.30934 | 94.96250 | 43.38853 | 107.37916 | 80.64597 |
| 82.58750 | 11.38735 | 95.00416 | 43.41721 | 107.42083 | 81.26842 |
| 82.62916 | 11.44858 | 95.04583 | 43.62072 | 107.46250 | 81.82814 |
| 82.67083 | 11.47532 | 95.08750 | 43.70538 | 107.50416 | 82.38282 |
| 82.71250 | 11.58930 | 95.12916 | 43.84159 | 107.54583 | 82.85636 |
| 82.75416 | 11.66597 | 95.17083 | 43.96136 | 107.58750 | 83.29187 |
| 82.79583 | 11.71069 | 95.21250 | 44.10719 | 107.62916 | 83.67931 |
| 82.83750 | 11.76494 | 95.25416 | 44.23798 | 107.67083 | 84.14346 |
| 82.87916 | 11.79707 | 95.29583 | 44.35330 | 107.71250 | 84.52459 |
| 82.92083 | 11.94162 | 95.33750 | 44.46568 | 107.75416 | 84.83129 |
| 82.96250 | 12.02023 | 95.37916 | 44.57784 | 107.79583 | 85.21614 |
| 83.00416 | 12.13639 | 95.42083 | 44.65674 | 107.83750 | 85.48770 |
| 83.04583 | 12.19945 | 95.46250 | 44.76360 | 107.87916 | 85.77421 |
| 83.08750 | 12.31039 | 95.50416 | 44.83161 | 107.92083 | 85.97479 |
| 83.12916 | 12.37172 | 95.54583 | 44.87808 | 107.96250 | 86.13470 |
| 83.17083 | 12.47882 | 95.58750 | 44.96358 | 108.00416 | 86.16194 |
| 83.21250 | 12.60715 | 95.62916 | 44.99740 | 108.04583 | 86.20142 |

| | | | | | |
|---|---|---|---|---|---|
| 83.25416 | 12.71701 | 95.67083 | 44.97512 | 108.08750 | 86.24351 |
| 83.29583 | 12.80941 | 95.71250 | 45.01141 | 108.12916 | 86.23952 |
| 83.33750 | 12.90403 | 95.75416 | 45.06848 | 108.17083 | 86.32288 |
| 83.37916 | 13.03113 | 95.79583 | 45.03222 | 108.21250 | 86.32883 |
| 83.42083 | 13.14410 | 95.83750 | 45.05577 | 108.25416 | 86.36627 |
| 83.46250 | 13.21562 | 95.87916 | 45.03797 | 108.29583 | 86.38394 |
| 83.50416 | 13.36528 | 95.92083 | 45.17314 | 108.33750 | 86.41898 |
| 83.54583 | 13.46481 | 95.96250 | 45.12768 | 108.37916 | 86.38814 |
| 83.58750 | 13.58110 | 96.00416 | 45.17040 | 108.42083 | 86.41936 |
| 83.62916 | 13.67494 | 96.04583 | 45.19392 | 108.46250 | 86.48128 |
| 83.67083 | 13.79462 | 96.08750 | 45.27071 | 108.50416 | 86.51678 |
| 83.71250 | 13.94134 | 96.12916 | 45.28676 | 108.54583 | 86.49888 |
| 83.75416 | 14.12135 | 96.17083 | 45.31837 | 108.58750 | 86.56712 |
| 83.79583 | 14.36879 | 96.21250 | 45.36056 | 108.62916 | 86.62694 |
| 83.83750 | 14.57821 | 96.25416 | 45.59984 | 108.67083 | 86.72516 |
| 83.87916 | 14.88387 | 96.29583 | 45.92523 | 108.71250 | 86.86886 |
| 83.92083 | 15.24634 | 96.33750 | 46.38039 | 108.75416 | 87.01054 |
| 83.96250 | 15.67274 | 96.37916 | 46.85315 | 108.79583 | 87.25187 |
| 84.00416 | 16.12826 | 96.42083 | 47.31080 | 108.83750 | 87.46941 |
| 84.04583 | 16.67851 | 96.46250 | 47.79557 | 108.87916 | 87.77197 |
| 84.08750 | 17.43067 | 96.50416 | 48.15766 | 108.92083 | 88.04156 |
| 84.12916 | 18.53226 | 96.54583 | 48.40955 | 108.96250 | 88.35643 |
| 84.17083 | 19.88177 | 96.58750 | 48.54968 | 109.00416 | 88.68115 |
| 84.21250 | 21.08574 | 96.62916 | 48.55115 | 109.04583 | 88.99274 |
| 84.25416 | 21.91097 | 96.67083 | 48.54971 | 109.08750 | 89.32759 |
| 84.29583 | 22.54424 | 96.71250 | 48.56353 | 109.12916 | 89.56742 |
| 84.33750 | 23.14620 | 96.75416 | 48.53647 | 109.17083 | 89.82996 |
| 84.37916 | 23.65432 | 96.79583 | 48.58770 | 109.21250 | 90.11316 |
| 84.42083 | 24.14215 | 96.83750 | 48.55162 | 109.25416 | 90.41073 |
| 84.46250 | 24.69032 | 96.87916 | 48.53614 | 109.29583 | 90.70336 |
| 84.50416 | 25.24890 | 96.92083 | 48.56779 | 109.33750 | 91.02059 |
| 84.54583 | 25.85291 | 96.96250 | 48.53074 | 109.37916 | 91.34813 |
| 84.58750 | 26.46409 | 97.00416 | 48.56089 | 109.42083 | 91.65190 |
| 84.62916 | 27.15631 | 97.04583 | 48.57211 | 109.46250 | 91.94132 |
| 84.67083 | 27.90817 | 97.08750 | 48.56292 | 109.50416 | 92.28038 |
| 84.71250 | 28.58613 | 97.12916 | 48.50473 | 109.54583 | 92.61441 |
| 84.75416 | 29.22458 | 97.17083 | 48.58677 | 109.58750 | 92.86691 |
| 84.79583 | 29.81869 | 97.21250 | 48.50764 | 109.62916 | 93.18309 |
| 84.83750 | 30.31762 | 97.25416 | 48.53511 | 109.67083 | 93.52663 |
| 84.87916 | 30.77537 | 97.29583 | 48.55000 | 109.71250 | 93.72074 |
| 84.92083 | 30.98499 | 97.33750 | 48.55741 | 109.75416 | 94.03289 |
| 84.96250 | 31.15048 | 97.37916 | 48.56007 | 109.79583 | 94.21177 |
| 85.00416 | 31.09674 | 97.42083 | 48.55884 | 109.83750 | 94.47453 |
| 85.04583 | 30.95218 | 97.46250 | 48.52358 | 109.87916 | 94.63644 |
| 85.08750 | 30.69186 | 97.50416 | 48.56239 | 109.92083 | 94.80427 |
| 85.12916 | 30.38727 | 97.54583 | 48.58131 | 109.96250 | 94.94216 |
| 85.17083 | 29.93544 | 97.58750 | 48.57785 | 110.00416 | 95.12006 |

| | | | | | |
|---|---|---|---|---|---|
| 85.21250 | 29.59733 | 97.62916 | 48.61379 | 110.04583 | 95.22508 |
| 85.25416 | 29.21981 | 97.67083 | 48.64367 | 110.08750 | 95.35532 |
| 85.29583 | 28.93598 | 97.71250 | 48.70831 | 110.12916 | 95.47229 |
| 85.33750 | 28.58900 | 97.75416 | 48.75775 | 110.17083 | 95.63119 |
| 85.37916 | 28.21125 | 97.79583 | 48.76942 | 110.21250 | 95.74318 |
| 85.42083 | 27.94623 | 97.83750 | 48.81051 | 110.25416 | 95.82930 |
| 85.46250 | 27.91640 | 97.87916 | 48.91505 | 110.29583 | 95.92172 |
| 85.50416 | 27.94729 | 97.92083 | 48.95993 | 110.33750 | 95.96647 |
| 85.54583 | 28.10390 | 97.96250 | 49.00024 | 110.37916 | 96.08825 |
| 85.58750 | 28.22113 | 98.00416 | 49.09996 | 110.42083 | 96.16140 |
| 85.62916 | 28.37188 | 98.04583 | 49.15590 | 110.46250 | 96.18889 |
| 85.67083 | 28.61186 | 98.08750 | 49.20702 | 110.50416 | 96.21397 |
| 85.71250 | 28.86216 | 98.12916 | 49.23885 | 110.54583 | 96.21437 |
| 85.75416 | 29.14506 | 98.17083 | 49.30910 | 110.58750 | 96.22718 |
| 85.79583 | 29.55593 | 98.21250 | 49.42879 | 110.62916 | 96.12877 |
| 85.83750 | 30.43489 | 98.25416 | 49.48278 | 110.67083 | 96.47892 |
| 85.87916 | 31.51481 | 98.29583 | 49.59881 | | |

SeDep4

| Julian Date | Mass | Julian Date | Mass | Julian Date | Mass |
|---|---|---|---|---|---|
| 73.51131 | 7.12036 | 87.67576 | 51.25045 | 101.80076 | 120.74066 |
| 73.55109 | 6.11315 | 87.71743 | 51.48082 | 101.84243 | 120.91493 |
| 73.59237 | 5.96271 | 87.75909 | 51.67672 | 101.88409 | 121.00768 |
| 73.63412 | 5.63544 | 87.80076 | 51.91804 | 101.92576 | 121.17582 |
| 73.67576 | 5.25843 | 87.84243 | 52.04327 | 101.96743 | 121.36330 |
| 73.71743 | 4.87246 | 87.88409 | 52.12148 | 102.00909 | 121.59478 |
| 73.75909 | 4.48547 | 87.92576 | 52.19279 | 102.05076 | 121.76556 |
| 73.80076 | 4.01985 | 87.96743 | 52.12146 | 102.09243 | 122.07389 |
| 73.84243 | 3.66546 | 88.00909 | 51.86076 | 102.13409 | 122.30202 |
| 73.88410 | 3.28065 | 88.05076 | 51.55344 | 102.17576 | 122.76500 |
| 73.92576 | 2.86111 | 88.09243 | 51.20606 | 102.21743 | 123.40397 |
| 73.96743 | 2.36546 | 88.13409 | 50.79949 | 102.25909 | 124.01770 |
| 74.00910 | 1.91026 | 88.17576 | 50.53593 | 102.30076 | 124.42283 |
| 74.05076 | 1.52315 | 88.21743 | 50.37937 | 102.34243 | 124.77858 |
| 74.09243 | 1.23987 | 88.25909 | 50.40169 | 102.38409 | 125.06863 |
| 74.13410 | 1.01147 | 88.30076 | 50.60434 | 102.42576 | 125.30057 |
| 74.17576 | 0.76406 | 88.34243 | 50.87720 | 102.46743 | 125.52347 |
| 74.21743 | 0.48921 | 88.38409 | 51.19084 | 102.50909 | 125.82123 |
| 74.25910 | 0.27219 | 88.42576 | 51.53925 | 102.55076 | 126.07332 |
| 74.30076 | 0.15749 | 88.46743 | 51.83067 | 102.59243 | 126.42040 |
| 74.34243 | -0.02806 | 88.50909 | 52.08427 | 102.63409 | 126.72312 |
| 74.38410 | -0.01706 | 88.55076 | 52.19959 | 102.67576 | 127.13441 |
| 74.42576 | 0.24624 | 88.59243 | 52.18605 | 102.71743 | 127.44546 |
| 74.46743 | 0.69962 | 88.63409 | 52.04603 | 102.75909 | 127.83933 |
| 74.50910 | 1.03755 | 88.67576 | 51.90692 | 102.80076 | 128.22952 |
| 74.55076 | 1.20850 | 88.71743 | 51.67842 | 102.84243 | 128.54020 |
| 74.59243 | 1.40983 | 88.75909 | 51.47447 | 102.88409 | 128.80769 |
| 74.63410 | 1.59858 | 88.80076 | 51.39741 | 102.92576 | 129.05835 |
| 74.67576 | 1.82984 | 88.84243 | 51.27761 | 102.96743 | 129.18465 |
| 74.71743 | 1.96877 | 88.88409 | 51.28606 | 103.00909 | 129.25080 |
| 74.75910 | 2.10197 | 88.92576 | 51.37370 | 103.05076 | 129.24479 |
| 74.80076 | 2.34486 | 88.96743 | 51.45080 | 103.09243 | 129.25737 |
| 74.84243 | 2.53955 | 89.00909 | 51.51277 | 103.13409 | 129.25464 |
| 74.88410 | 2.85816 | 89.05076 | 51.62821 | 103.17576 | 129.21316 |
| 74.92576 | 3.13154 | 89.09243 | 51.61416 | 103.21743 | 129.30590 |
| 74.96743 | 3.34918 | 89.13409 | 51.72422 | 103.25909 | 129.20882 |
| 75.00910 | 3.52365 | 89.17576 | 51.75577 | 103.30076 | 129.27878 |
| 75.05076 | 3.56970 | 89.21743 | 51.74632 | 103.34243 | 129.11763 |
| 75.09243 | 3.61673 | 89.25909 | 51.72231 | 103.38409 | 128.89078 |
| 75.13409 | 3.60031 | 89.30076 | 51.65804 | 103.42576 | 128.47634 |
| 75.17576 | 3.61055 | 89.34243 | 51.56295 | 103.46743 | 128.08406 |
| 75.21743 | 3.61296 | 89.38409 | 51.44109 | 103.50909 | 127.89883 |
| 75.25910 | 3.65152 | 89.42576 | 51.34173 | 103.55076 | 127.84902 |
| 75.30076 | 3.64921 | 89.46743 | 51.25864 | 103.59243 | 127.88691 |
| 75.34243 | 3.60185 | 89.50909 | 51.13036 | 103.63409 | 127.90163 |
| 75.38410 | 3.61178 | 89.55076 | 51.05063 | 103.67576 | 127.96718 |

| | | | | | |
|---|---|---|---|---|---|
| 75.42576 | 3.64065 | 89.59243 | 50.88064 | 103.71743 | 128.01163 |
| 75.46743 | 3.63084 | 89.63409 | 50.85597 | 103.75909 | 128.09777 |
| 75.50910 | 3.81316 | 89.67576 | 50.84249 | 103.80076 | 128.12840 |
| 75.55076 | 3.89079 | 89.71743 | 50.93092 | 103.84243 | 128.16942 |
| 75.59243 | 4.04174 | 89.75909 | 51.08101 | 103.88409 | 128.26098 |
| 75.63409 | 4.15506 | 89.80076 | 51.30787 | 103.92576 | 128.32606 |
| 75.67576 | 4.33499 | 89.84243 | 51.68264 | 103.96743 | 128.40407 |
| 75.71743 | 4.49362 | 89.88409 | 52.12415 | 104.00909 | 128.46667 |
| 75.75910 | 4.68083 | 89.92576 | 52.50121 | 104.05076 | 128.54101 |
| 75.80076 | 4.83220 | 89.96743 | 52.93470 | 104.09243 | 128.65504 |
| 75.84243 | 5.01304 | 90.00909 | 53.37210 | 104.13409 | 128.68386 |
| 75.88409 | 5.22232 | 90.05076 | 53.81505 | 104.17576 | 128.78380 |
| 75.92576 | 5.41921 | 90.09243 | 54.20312 | 104.21743 | 128.81213 |
| 75.96743 | 5.63702 | 90.13409 | 54.58999 | 104.25909 | 128.88082 |
| 76.00909 | 5.82779 | 90.17576 | 54.99491 | 104.30076 | 128.94790 |
| 76.05076 | 5.94196 | 90.21743 | 55.42310 | 104.34243 | 129.06721 |
| 76.09243 | 6.18025 | 90.25909 | 55.84459 | 104.38409 | 129.17021 |
| 76.13410 | 6.42014 | 90.30076 | 56.33244 | 104.42576 | 129.18773 |
| 76.17576 | 6.61748 | 90.34243 | 56.81752 | 104.46743 | 129.25701 |
| 76.21743 | 6.95148 | 90.38409 | 57.31443 | 104.50909 | 129.31192 |
| 76.25909 | 7.39395 | 90.42576 | 57.90243 | 104.55076 | 129.32489 |
| 76.30076 | 7.88079 | 90.46743 | 58.49032 | 104.59243 | 129.36490 |
| 76.34243 | 8.32809 | 90.50909 | 59.12046 | 104.63409 | 129.40742 |
| 76.38409 | 8.79836 | 90.55076 | 59.83980 | 104.67576 | 129.37553 |
| 76.42576 | 9.28895 | 90.59243 | 60.55756 | 104.71743 | 129.41413 |
| 76.46743 | 9.78489 | 90.63409 | 61.36135 | 104.75909 | 129.45190 |
| 76.50910 | 10.20952 | 90.67576 | 62.26316 | 104.80076 | 129.50794 |
| 76.55076 | 10.65862 | 90.71743 | 63.27840 | 104.84243 | 129.48583 |
| 76.59243 | 11.14734 | 90.75909 | 64.67213 | 104.88409 | 129.50267 |
| 76.63409 | 11.53659 | 90.80076 | 66.37539 | 104.92576 | 129.58900 |
| 76.67576 | 11.92761 | 90.84243 | 68.05413 | 104.96743 | 129.60542 |
| 76.71743 | 12.30572 | 90.88409 | 69.17889 | 105.00909 | 129.62772 |
| 76.75910 | 12.63801 | 90.92576 | 69.87881 | 105.05076 | 129.70679 |
| 76.80076 | 12.93065 | 90.96743 | 70.53442 | 105.09243 | 129.76104 |
| 76.84243 | 13.21080 | 91.00909 | 71.08503 | 105.13409 | 129.84616 |
| 76.88410 | 13.54786 | 91.05076 | 71.61461 | 105.17576 | 129.96056 |
| 76.92576 | 13.89993 | 91.09243 | 72.05689 | 105.21743 | 130.07358 |
| 76.96743 | 14.27284 | 91.13409 | 72.44135 | 105.25909 | 130.28318 |
| 77.00909 | 14.68290 | 91.17576 | 72.77333 | 105.30076 | 130.35404 |
| 77.05076 | 15.23514 | 91.21743 | 73.11533 | 105.34243 | 130.53494 |
| 77.09243 | 15.91406 | 91.25909 | 73.37675 | 105.38409 | 130.60659 |
| 77.13410 | 16.49589 | 91.30076 | 73.64318 | 105.42576 | 130.67494 |
| 77.17576 | 16.93966 | 91.34243 | 73.85933 | 105.46743 | 130.74859 |
| 77.21743 | 17.11526 | 91.38409 | 74.03481 | 105.50909 | 130.79351 |
| 77.25910 | 17.37239 | 91.42576 | 74.18886 | 105.55076 | 130.81928 |
| 77.30076 | 17.54445 | 91.46743 | 74.30930 | 105.59243 | 130.86592 |
| 77.34243 | 17.68616 | 91.50909 | 74.45852 | 105.63409 | 130.89748 |

| | | | | | |
|---|---|---|---|---|---|
| 77.38409 | 17.83771 | 91.55076 | 74.56852 | 105.67576 | 130.93567 |
| 77.42576 | 17.93830 | 91.59243 | 74.66638 | 105.71743 | 130.94755 |
| 77.46743 | 18.08841 | 91.63409 | 74.86889 | 105.75909 | 130.97084 |
| 77.50909 | 18.16805 | 91.67576 | 75.03074 | 105.80076 | 131.02015 |
| 77.55076 | 18.22282 | 91.71743 | 75.31788 | 105.84243 | 131.04112 |
| 77.59243 | 18.27778 | 91.75909 | 75.72396 | 105.88409 | 131.08199 |
| 77.63410 | 18.28599 | 91.80076 | 76.28094 | 105.92576 | 131.16268 |
| 77.67576 | 18.26095 | 91.84243 | 76.89172 | 105.96743 | 131.15218 |
| 77.71743 | 18.28723 | 91.88409 | 77.57162 | 106.00909 | 131.18178 |
| 77.75910 | 18.25584 | 91.92576 | 78.33959 | 106.05076 | 131.23498 |
| 77.80076 | 18.28797 | 91.96743 | 79.09885 | 106.09243 | 131.28844 |
| 77.84243 | 18.26648 | 92.00909 | 79.89346 | 106.13409 | 131.30299 |
| 77.88409 | 18.44331 | 92.05076 | 80.68730 | 106.17576 | 131.44147 |
| 77.92576 | 18.76715 | 92.09243 | 81.66731 | 106.21743 | 131.55700 |
| 77.96743 | 19.29409 | 92.13409 | 82.81278 | 106.25909 | 131.60441 |
| 78.00909 | 19.85335 | 92.17576 | 84.05839 | 106.30076 | 131.77977 |
| 78.05076 | 20.66117 | 92.21743 | 85.31034 | 106.34243 | 132.08686 |
| 78.09243 | 21.31679 | 92.25909 | 86.46628 | 106.38409 | 132.45381 |
| 78.13409 | 21.94932 | 92.30076 | 87.57688 | 106.42576 | 132.83577 |
| 78.17576 | 22.44248 | 92.34243 | 88.53045 | 106.46743 | 133.12245 |
| 78.21743 | 22.81715 | 92.38409 | 89.21219 | 106.50909 | 133.36445 |
| 78.25909 | 22.82845 | 92.42576 | 89.66710 | 106.55076 | 133.58667 |
| 78.30076 | 22.76926 | 92.46743 | 90.04779 | 106.59243 | 133.73412 |
| 78.34243 | 22.58005 | 92.50909 | 90.39013 | 106.63409 | 133.88603 |
| 78.38410 | 22.25952 | 92.55076 | 90.69064 | 106.67576 | 134.00592 |
| 78.42576 | 21.95915 | 92.59243 | 90.94110 | 106.71743 | 134.13906 |
| 78.46743 | 21.59020 | 92.63409 | 91.19757 | 106.75909 | 134.27236 |
| 78.50910 | 21.21186 | 92.67576 | 91.47757 | 106.80076 | 134.41427 |
| 78.55076 | 20.83027 | 92.71743 | 91.63996 | 106.84243 | 134.50180 |
| 78.59243 | 20.54323 | 92.75909 | 91.88372 | 106.88409 | 134.70203 |
| 78.63409 | 20.23996 | 92.80076 | 92.14636 | 106.92576 | 134.81227 |
| 78.67576 | 20.04083 | 92.84243 | 92.36765 | 106.96743 | 134.99822 |
| 78.71743 | 19.72801 | 92.88409 | 92.63888 | 107.00909 | 135.18278 |
| 78.75909 | 19.45207 | 92.92576 | 92.86278 | 107.05076 | 135.42434 |
| 78.80076 | 19.01202 | 92.96743 | 93.12241 | 107.09243 | 135.63057 |
| 78.84243 | 18.04715 | 93.00909 | 93.35292 | 107.13409 | 135.89353 |
| 78.88409 | 16.51813 | 93.05076 | 93.54906 | 107.17576 | 136.16520 |
| 78.92576 | 16.34629 | 93.09243 | 93.78486 | 107.21743 | 136.40000 |
| 78.96743 | 16.26427 | 93.13409 | 93.96742 | 107.25909 | 136.70486 |
| 79.00909 | 16.18399 | 93.17576 | 94.19856 | 107.30076 | 137.00277 |
| 79.05076 | 16.15531 | 93.21743 | 94.34430 | 107.34243 | 137.37401 |
| 79.09243 | 16.08122 | 93.25909 | 94.47430 | 107.38409 | 137.69090 |
| 79.13409 | 16.05901 | 93.30076 | 94.58111 | 107.42576 | 138.10387 |
| 79.17576 | 16.00869 | 93.34243 | 94.70112 | 107.46743 | 138.56740 |
| 79.21743 | 15.99248 | 93.38409 | 94.76519 | 107.50909 | 138.98511 |
| 79.25909 | 16.02262 | 93.42576 | 94.86026 | 107.55076 | 139.43603 |
| 79.30076 | 16.04234 | 93.46743 | 94.98601 | 107.59243 | 139.96729 |

| | | | | | |
|---|---|---|---|---|---|
| 79.34243 | 15.96530 | 93.50909 | 95.07769 | 107.63409 | 140.50949 |
| 79.38409 | 15.97435 | 93.55076 | 95.23281 | 107.67576 | 141.29721 |
| 79.42576 | 15.97509 | 93.59243 | 95.44306 | 107.71743 | 142.30388 |
| 79.46743 | 16.00284 | 93.63409 | 95.77879 | 107.75909 | 143.35576 |
| 79.50909 | 15.97043 | 93.67576 | 96.26054 | 107.80076 | 144.34864 |
| 79.55076 | 15.96546 | 93.71743 | 96.76607 | 107.84243 | 145.11976 |
| 79.59243 | 16.00216 | 93.75909 | 97.30114 | 107.88409 | 145.69263 |
| 79.63410 | 16.01593 | 93.80076 | 97.68885 | 107.92576 | 146.08490 |
| 79.67576 | 16.04376 | 93.84243 | 97.95776 | 107.96743 | 146.48119 |
| 79.71743 | 15.99566 | 93.88409 | 98.04310 | 108.00909 | 146.90955 |
| 79.75909 | 16.00967 | 93.92576 | 98.04497 | 108.05076 | 147.44641 |
| 79.80076 | 16.00730 | 93.96743 | 98.05710 | 108.09243 | 147.93790 |
| 79.84243 | 16.11162 | 94.00909 | 98.02899 | 108.13409 | 148.49764 |
| 79.88409 | 16.28872 | 94.05076 | 97.96483 | 108.17576 | 148.96375 |
| 79.92576 | 16.46686 | 94.09243 | 98.00089 | 108.21743 | 149.48684 |
| 79.96743 | 16.69597 | 94.13409 | 97.93875 | 108.25909 | 149.85726 |
| 80.00909 | 16.90858 | 94.17576 | 97.91293 | 108.30076 | 150.17698 |
| 80.05076 | 17.15676 | 94.21743 | 97.88347 | 108.34243 | 150.39864 |
| 80.09243 | 17.34325 | 94.25909 | 97.80981 | 108.38409 | 150.57203 |
| 80.13409 | 17.55079 | 94.30076 | 97.74186 | 108.42576 | 150.80837 |
| 80.17576 | 17.69767 | 94.34243 | 97.68534 | 108.46743 | 150.90124 |
| 80.21743 | 17.92366 | 94.38409 | 97.57876 | 108.50909 | 151.06927 |
| 80.25909 | 18.16738 | 94.42576 | 97.47720 | 108.55076 | 151.14742 |
| 80.30076 | 18.32322 | 94.46743 | 97.23138 | 108.59243 | 151.25917 |
| 80.34243 | 18.56506 | 94.50909 | 97.04217 | 108.63409 | 151.37052 |
| 80.38409 | 18.80775 | 94.55076 | 96.73951 | 108.67576 | 151.47894 |
| 80.42576 | 18.98515 | 94.59243 | 96.36369 | 108.71743 | 151.58031 |
| 80.46743 | 19.14459 | 94.63409 | 95.92907 | 108.75909 | 151.69303 |
| 80.50909 | 19.41082 | 94.67576 | 95.20550 | 108.80076 | 151.82414 |
| 80.55076 | 19.67133 | 94.71743 | 93.87928 | 108.84243 | 151.98209 |
| 80.59243 | 19.90240 | 94.75909 | 92.36206 | 108.88409 | 152.08759 |
| 80.63409 | 20.09341 | 94.80076 | 91.38147 | 108.92576 | 152.23287 |
| 80.67576 | 20.31389 | 94.84243 | 91.04864 | 108.96743 | 152.37894 |
| 80.71743 | 20.61192 | 94.88409 | 90.88160 | 109.00909 | 152.54342 |
| 80.75909 | 20.83157 | 94.92576 | 90.72469 | 109.05076 | 152.66258 |
| 80.80076 | 21.06004 | 94.96743 | 90.62593 | 109.09243 | 152.82647 |
| 80.84243 | 21.30870 | 95.00909 | 90.46167 | 109.13409 | 152.96658 |
| 80.88409 | 21.57318 | 95.05076 | 90.42676 | 109.17576 | 153.06357 |
| 80.92576 | 21.80723 | 95.09243 | 90.32634 | 109.21743 | 153.22827 |
| 80.96743 | 22.07525 | 95.13409 | 90.33257 | 109.25909 | 153.37345 |
| 81.00909 | 22.28893 | 95.17576 | 90.30666 | 109.30076 | 153.49170 |
| 81.05076 | 22.58852 | 95.21743 | 90.26378 | 109.34243 | 153.59808 |
| 81.09243 | 22.83146 | 95.25909 | 90.28233 | 109.38409 | 153.71444 |
| 81.13409 | 23.08782 | 95.30076 | 90.25799 | 109.42576 | 153.77600 |
| 81.17576 | 23.34521 | 95.34243 | 90.27022 | 109.46743 | 153.89201 |
| 81.21743 | 23.58271 | 95.38409 | 90.25804 | 109.50909 | 153.92092 |
| 81.25909 | 23.87440 | 95.42576 | 90.24263 | 109.55076 | 153.95867 |

| | | | | | |
|---|---|---|---|---|---|
| 81.30076 | 24.13609 | 95.46743 | 90.27299 | 109.59243 | 154.00716 |
| 81.34243 | 24.40588 | 95.50909 | 90.27143 | 109.63409 | 153.98339 |
| 81.38409 | 24.67219 | 95.55076 | 90.29731 | 109.67576 | 153.85033 |
| 81.42576 | 24.92498 | 95.59243 | 90.29936 | 109.71743 | 153.54088 |
| 81.46743 | 25.21280 | 95.63409 | 90.28328 | 109.75909 | 153.18566 |
| 81.50909 | 25.46204 | 95.67576 | 90.29226 | 109.80076 | 152.74240 |
| 81.55076 | 25.68774 | 95.71743 | 90.27314 | 109.84243 | 152.39437 |
| 81.59243 | 25.90240 | 95.75909 | 90.28166 | 109.88409 | 152.17322 |
| 81.63409 | 26.15942 | 95.80076 | 90.29293 | 109.92576 | 152.21825 |
| 81.67576 | 26.43580 | 95.84243 | 90.19279 | 109.96743 | 152.19126 |
| 81.71743 | 26.69849 | 95.88409 | 90.00455 | 110.00909 | 152.28311 |
| 81.75909 | 26.93754 | 95.92576 | 89.75170 | 110.05076 | 152.35901 |
| 81.80076 | 27.18897 | 95.96743 | 89.41928 | 110.09243 | 152.46496 |
| 81.84243 | 27.47000 | 96.00909 | 89.09175 | 110.13409 | 152.57463 |
| 81.88409 | 27.70230 | 96.05076 | 88.69044 | 110.17576 | 152.71534 |
| 81.92576 | 27.96504 | 96.09243 | 88.22454 | 110.21743 | 152.85342 |
| 81.96743 | 28.24803 | 96.13409 | 87.79752 | 110.25909 | 153.02742 |
| 82.00909 | 28.44454 | 96.17576 | 87.34556 | 110.30076 | 153.16319 |
| 82.05076 | 28.68748 | 96.21743 | 86.57976 | 110.34243 | 153.30800 |
| 82.09243 | 28.86731 | 96.25909 | 85.81179 | 110.38409 | 153.45569 |
| 82.13409 | 29.03568 | 96.30076 | 84.92659 | 110.42576 | 153.65424 |
| 82.17576 | 29.24691 | 96.34243 | 84.24246 | 110.46743 | 153.80307 |
| 82.21743 | 29.36823 | 96.38409 | 83.88325 | 110.50909 | 153.99632 |
| 82.25909 | 29.53552 | 96.42576 | 83.84675 | 110.55076 | 154.20595 |
| 82.30076 | 29.66026 | 96.46743 | 83.95986 | 110.59243 | 154.38691 |
| 82.34243 | 29.72183 | 96.50909 | 84.02729 | 110.63409 | 154.73312 |
| 82.38409 | 29.76448 | 96.55076 | 84.10884 | 110.67576 | 154.94633 |
| 82.42576 | 29.86347 | 96.59243 | 84.25675 | 110.71743 | 155.19553 |
| 82.46743 | 29.88387 | 96.63409 | 84.31633 | 110.75909 | 155.44857 |
| 82.50909 | 29.93038 | 96.67576 | 84.52982 | 110.80076 | 155.67496 |
| 82.55076 | 29.94852 | 96.71743 | 84.62467 | 110.84243 | 155.90581 |
| 82.59243 | 30.03622 | 96.75909 | 84.72932 | 110.88409 | 156.17546 |
| 82.63409 | 30.04024 | 96.80076 | 84.87040 | 110.92576 | 156.35887 |
| 82.67576 | 30.08157 | 96.84243 | 84.90899 | 110.96743 | 156.57629 |
| 82.71743 | 30.17550 | 96.88409 | 85.01418 | 111.00909 | 156.75583 |
| 82.75909 | 30.26329 | 96.92576 | 85.10870 | 111.05076 | 156.91469 |
| 82.80076 | 30.47920 | 96.96743 | 85.14890 | 111.09243 | 157.04739 |
| 82.84243 | 30.91485 | 97.00909 | 85.20155 | 111.13409 | 157.26812 |
| 82.88409 | 31.52402 | 97.05076 | 85.30234 | 111.17576 | 157.39953 |
| 82.92576 | 32.21363 | 97.09243 | 85.36726 | 111.21743 | 157.58896 |
| 82.96743 | 32.87618 | 97.13409 | 85.52625 | 111.25909 | 157.79264 |
| 83.00909 | 33.44145 | 97.17576 | 85.60700 | 111.30076 | 157.93013 |
| 83.05076 | 33.97814 | 97.21743 | 85.78567 | 111.34243 | 158.09011 |
| 83.09243 | 34.24224 | 97.25909 | 85.92353 | 111.38409 | 158.18784 |
| 83.13409 | 34.34769 | 97.30076 | 86.19021 | 111.42576 | 158.30647 |
| 83.17576 | 34.38595 | 97.34243 | 86.41511 | 111.46743 | 158.42287 |
| 83.21743 | 34.30014 | 97.38409 | 86.73290 | 111.50909 | 158.47816 |

| | | | | | |
|---|---|---|---|---|---|
| 83.25909 | 34.31968 | 97.42576 | 87.01421 | 111.55076 | 158.59247 |
| 83.30076 | 34.37279 | 97.46743 | 87.29325 | 111.59243 | 158.56339 |
| 83.34243 | 34.31748 | 97.50909 | 87.59063 | 111.63409 | 158.57876 |
| 83.38409 | 34.28773 | 97.55076 | 87.82039 | 111.67576 | 158.42295 |
| 83.42576 | 34.31431 | 97.59243 | 88.06484 | 111.71743 | 158.13594 |
| 83.46743 | 34.34341 | 97.63409 | 88.29714 | 111.75909 | 157.79481 |
| 83.50909 | 34.35472 | 97.67576 | 88.52083 | 111.80076 | 157.42333 |
| 83.55076 | 34.32822 | 97.71743 | 88.76991 | 111.84243 | 157.06310 |
| 83.59243 | 34.30591 | 97.75909 | 88.97398 | 111.88409 | 156.73695 |
| 83.63409 | 34.34219 | 97.80076 | 89.21439 | 111.92576 | 156.45446 |
| 83.67576 | 34.31479 | 97.84243 | 89.49343 | 111.96743 | 156.34757 |
| 83.71743 | 34.37313 | 97.88409 | 89.73893 | 112.00909 | 156.28139 |
| 83.75909 | 34.33972 | 97.92576 | 90.06447 | 112.05076 | 156.37056 |
| 83.80076 | 34.30869 | 97.96743 | 90.42290 | 112.09243 | 156.45144 |
| 83.84243 | 34.36270 | 98.00909 | 90.73138 | 112.13409 | 156.48922 |
| 83.88409 | 34.36835 | 98.05076 | 91.20723 | 112.17576 | 156.56931 |
| 83.92576 | 34.40034 | 98.09243 | 91.69716 | 112.21743 | 156.65273 |
| 83.96743 | 34.48271 | 98.13409 | 92.21951 | 112.25909 | 156.74532 |
| 84.00909 | 34.56931 | 98.17576 | 92.76317 | 112.30076 | 156.82853 |
| 84.05076 | 34.68948 | 98.21743 | 93.25418 | 112.34243 | 156.92780 |
| 84.09243 | 34.82886 | 98.25909 | 93.66374 | 112.38409 | 157.01126 |
| 84.13409 | 34.99804 | 98.30076 | 93.94147 | 112.42576 | 157.10079 |
| 84.17576 | 35.18497 | 98.34243 | 94.24439 | 112.46743 | 157.14720 |
| 84.21743 | 35.37149 | 98.38409 | 94.54327 | 112.50909 | 157.25944 |
| 84.25909 | 35.56116 | 98.42576 | 94.75154 | 112.55076 | 157.39852 |
| 84.30076 | 35.86248 | 98.46743 | 95.02308 | 112.59243 | 157.51708 |
| 84.34243 | 36.21342 | 98.50909 | 95.23869 | 112.63409 | 157.57981 |
| 84.38409 | 36.57607 | 98.55076 | 95.44937 | 112.67576 | 157.70600 |
| 84.42576 | 36.95368 | 98.59243 | 95.68386 | 112.71743 | 157.86134 |
| 84.46743 | 37.37314 | 98.63409 | 95.89995 | 112.75909 | 157.96416 |
| 84.50909 | 37.90248 | 98.67576 | 96.20431 | 112.80076 | 158.12101 |
| 84.55076 | 38.43365 | 98.71743 | 96.36071 | 112.84243 | 158.26724 |
| 84.59243 | 38.88220 | 98.75909 | 96.61461 | 112.88409 | 158.43256 |
| 84.63409 | 39.37919 | 98.80076 | 96.85245 | 112.92576 | 158.58265 |
| 84.67576 | 40.02183 | 98.84243 | 97.12774 | 112.96743 | 158.76001 |
| 84.71743 | 40.89058 | 98.88409 | 97.40150 | 113.00909 | 158.96825 |
| 84.75909 | 41.74017 | 98.92576 | 97.74731 | 113.05076 | 159.16778 |
| 84.80076 | 42.41696 | 98.96743 | 97.99512 | 113.09243 | 159.39945 |
| 84.84243 | 42.51773 | 99.00909 | 98.31830 | 113.13409 | 159.68632 |
| 84.88409 | 42.46223 | 99.05076 | 98.65651 | 113.17576 | 159.95291 |
| 84.92576 | 42.16731 | 99.09243 | 99.01434 | 113.21743 | 160.21195 |
| 84.96743 | 41.78993 | 99.13409 | 99.24453 | 113.25909 | 160.54675 |
| 85.00909 | 41.31902 | 99.17576 | 99.61973 | 113.30076 | 160.85959 |
| 85.05076 | 40.86444 | 99.21743 | 99.91001 | 113.34243 | 161.26418 |
| 85.09243 | 40.46689 | 99.25909 | 100.14193 | 113.38409 | 161.64307 |
| 85.13409 | 40.12502 | 99.30076 | 100.41899 | 113.42576 | 162.33207 |
| 85.17576 | 39.86982 | 99.34243 | 100.61679 | 113.46743 | 163.44089 |

| | | | | | |
|---|---|---|---|---|---|
| 85.21743 | 39.89869 | 99.38409 | 100.89108 | 113.50909 | 164.57258 |
| 85.25909 | 39.90122 | 99.42576 | 101.21542 | 113.55076 | 165.25684 |
| 85.30076 | 40.04262 | 99.46743 | 101.52452 | 113.59243 | 165.73694 |
| 85.34243 | 40.29354 | 99.50909 | 102.21258 | 113.63409 | 166.21947 |
| 85.38409 | 40.59204 | 99.55076 | 103.32346 | 113.67576 | 166.54585 |
| 85.42576 | 41.04000 | 99.59243 | 104.04811 | 113.71743 | 166.94000 |
| 85.46743 | 42.09265 | 99.63409 | 104.36535 | 113.75909 | 167.27796 |
| 85.50909 | 43.05926 | 99.67576 | 104.63705 | 113.80076 | 167.49465 |
| 85.55076 | 43.80162 | 99.71743 | 104.88714 | 113.84243 | 167.67414 |
| 85.59243 | 44.54017 | 99.75909 | 105.06426 | 113.88409 | 167.73321 |
| 85.63409 | 45.26861 | 99.80076 | 105.13034 | 113.92576 | 167.71812 |
| 85.67576 | 45.94596 | 99.84243 | 105.26440 | 113.96743 | 167.72252 |
| 85.71743 | 46.52100 | 99.88409 | 105.39172 | 114.00909 | 167.65831 |
| 85.75909 | 47.02770 | 99.92576 | 105.47810 | 114.05076 | 167.60289 |
| 85.80076 | 47.43660 | 99.96743 | 105.66584 | 114.09243 | 167.52472 |
| 85.84243 | 47.61910 | 100.00909 | 105.77950 | 114.13409 | 167.44124 |
| 85.88409 | 47.75884 | 100.05076 | 105.96007 | 114.17576 | 167.40713 |
| 85.92576 | 47.84813 | 100.09243 | 106.15933 | 114.21743 | 167.26072 |
| 85.96743 | 47.98232 | 100.13409 | 106.31934 | 114.25909 | 167.16860 |
| 86.00909 | 48.10598 | 100.17576 | 106.48678 | 114.30076 | 167.10096 |
| 86.05076 | 48.18627 | 100.21743 | 106.65622 | 114.34243 | 166.97420 |
| 86.09243 | 48.25285 | 100.25909 | 106.86000 | 114.38409 | 166.87575 |
| 86.13409 | 48.30695 | 100.30076 | 107.09090 | 114.42576 | 166.83538 |
| 86.17576 | 48.40336 | 100.34243 | 107.35120 | 114.46743 | 166.84541 |
| 86.21743 | 48.44678 | 100.38409 | 107.58171 | 114.50909 | 166.91058 |
| 86.25909 | 48.50767 | 100.42576 | 108.01745 | 114.55076 | 167.08938 |
| 86.30076 | 48.53935 | 100.46743 | 108.54745 | 114.59243 | 167.29388 |
| 86.34243 | 48.57965 | 100.50909 | 109.14715 | 114.63409 | 167.52532 |
| 86.38409 | 48.59990 | 100.55076 | 109.79625 | 114.67576 | 167.78276 |
| 86.42576 | 48.58910 | 100.59243 | 110.39892 | 114.71743 | 168.08606 |
| 86.46743 | 48.58469 | 100.63409 | 110.97374 | 114.75909 | 168.37211 |
| 86.50909 | 48.48574 | 100.67576 | 111.47751 | 114.80076 | 168.72186 |
| 86.55076 | 48.58198 | 100.71743 | 112.04972 | 114.84243 | 169.05743 |
| 86.59243 | 48.57383 | 100.75909 | 112.58929 | 114.88409 | 169.43697 |
| 86.63409 | 48.50900 | 100.80076 | 113.08301 | 114.92576 | 169.73359 |
| 86.67576 | 48.54641 | 100.84243 | 113.61745 | 114.96743 | 170.02068 |
| 86.71743 | 48.50495 | 100.88409 | 114.12021 | 115.00909 | 170.28749 |
| 86.75909 | 48.44582 | 100.92576 | 114.63855 | 115.05076 | 170.54305 |
| 86.80076 | 48.30899 | 100.96743 | 115.12967 | 115.09243 | 170.77041 |
| 86.84243 | 48.17160 | 101.00909 | 115.61227 | 115.13409 | 170.87980 |
| 86.88409 | 48.13874 | 101.05076 | 116.17191 | 115.17576 | 170.95127 |
| 86.92576 | 48.10707 | 101.09243 | 116.66794 | 115.21743 | 171.03824 |
| 86.96743 | 48.18760 | 101.13409 | 117.20506 | 115.25909 | 171.06315 |
| 87.00909 | 48.22958 | 101.17576 | 117.72234 | 115.30076 | 171.14022 |
| 87.05076 | 48.36078 | 101.21743 | 118.20352 | 115.34243 | 171.18099 |
| 87.09243 | 48.56645 | 101.25909 | 118.58258 | 115.38409 | 171.20091 |
| 87.13409 | 48.67775 | 101.30076 | 118.96836 | 115.42576 | 171.23503 |

| | | | | | |
|---|---|---|---|---|---|
| 87.17576 | 48.87088 | 101.34243 | 119.20934 | 115.46743 | 171.22252 |
| 87.21743 | 49.05864 | 101.38409 | 119.37973 | 115.50909 | 171.28318 |
| 87.25909 | 49.17923 | 101.42576 | 119.54361 | 115.55076 | 171.32116 |
| 87.30076 | 49.40427 | 101.46743 | 119.64762 | 115.59243 | 171.38658 |
| 87.34243 | 49.54131 | 101.50909 | 119.80186 | 115.63409 | 171.37184 |
| 87.38409 | 49.74335 | 101.55076 | 119.88233 | 115.67577 | 171.36505 |
| 87.42576 | 49.95517 | 101.59243 | 120.01425 | 115.71739 | 171.39579 |
| 87.46743 | 50.20819 | 101.63409 | 120.22740 | 115.75923 | 171.41391 |
| 87.50909 | 50.44634 | 101.67576 | 120.33359 | 115.80014 | 171.42530 |
| 87.55076 | 50.67960 | 101.71743 | 120.51533 | 115.84393 | 171.47661 |
| 87.59243 | 50.85053 | 101.75909 | 120.59296 | 115.86049 | 171.50192 |
| 87.63409 | 51.03689 | | | | |

SeDep5

| Julian Date | Mass | Julian Date | Mass | Julian Date | Mass |
|---|---|---|---|---|---|
| 73.47937 | 0.89091 | 87.64514 | 12.17079 | 101.77014 | 32.29896 |
| 73.52058 | 0.13168 | 87.68680 | 12.50347 | 101.81180 | 32.34406 |
| 73.56171 | 0.05284 | 87.72847 | 12.82047 | 101.85347 | 32.52012 |
| 73.60350 | 0.02308 | 87.77014 | 13.21236 | 101.89514 | 32.60111 |
| 73.64513 | -0.04121 | 87.81180 | 13.54969 | 101.93680 | 32.69793 |
| 73.68681 | -0.07105 | 87.85347 | 13.84037 | 101.97847 | 32.84815 |
| 73.72847 | -0.08984 | 87.89514 | 14.09339 | 102.02014 | 32.88057 |
| 73.77014 | -0.00423 | 87.93680 | 14.19026 | 102.06180 | 33.00574 |
| 73.81180 | 0.02692 | 87.97847 | 14.22665 | 102.10347 | 33.15218 |
| 73.85347 | 0.10094 | 88.02014 | 14.27645 | 102.14514 | 33.25298 |
| 73.89514 | 0.16595 | 88.06180 | 14.29049 | 102.18680 | 33.44712 |
| 73.93680 | 0.27322 | 88.10347 | 14.31591 | 102.22847 | 33.53736 |
| 73.97847 | 0.34762 | 88.14514 | 14.34264 | 102.27014 | 33.73501 |
| 74.02014 | 0.47270 | 88.18680 | 14.36622 | 102.31180 | 33.88960 |
| 74.06180 | 0.56409 | 88.22847 | 14.39682 | 102.35347 | 34.12406 |
| 74.10347 | 0.69748 | 88.27014 | 14.39177 | 102.39514 | 34.45091 |
| 74.14514 | 0.80507 | 88.31180 | 14.41510 | 102.43680 | 34.73206 |
| 74.18680 | 0.89571 | 88.35347 | 14.43051 | 102.47847 | 35.10784 |
| 74.22847 | 1.04575 | 88.39514 | 14.48441 | 102.52014 | 35.37536 |
| 74.27014 | 1.09204 | 88.43680 | 14.49220 | 102.56180 | 35.77499 |
| 74.31180 | 1.13515 | 88.47847 | 14.46414 | 102.60347 | 35.99206 |
| 74.35347 | 1.21506 | 88.52014 | 14.56712 | 102.64514 | 36.15617 |
| 74.39514 | 1.28561 | 88.56180 | 14.62079 | 102.68680 | 36.26046 |
| 74.43680 | 1.31982 | 88.60347 | 14.70807 | 102.72847 | 36.36627 |
| 74.47847 | 1.30956 | 88.64514 | 14.81479 | 102.77014 | 36.39289 |
| 74.52014 | 1.31079 | 88.68680 | 15.05395 | 102.81180 | 36.49233 |
| 74.56180 | 1.27564 | 88.72847 | 15.25849 | 102.85347 | 36.55957 |
| 74.60347 | 1.27887 | 88.77014 | 15.50084 | 102.89514 | 36.61648 |
| 74.64514 | 1.23699 | 88.81180 | 15.73725 | 102.93680 | 36.78887 |
| 74.68680 | 1.18502 | 88.85347 | 16.04939 | 102.97847 | 36.96042 |
| 74.72847 | 1.20303 | 88.89514 | 16.30370 | 103.02014 | 37.10809 |
| 74.77014 | 1.16130 | 88.93680 | 16.67035 | 103.06180 | 37.31190 |
| 74.81180 | 1.08700 | 88.97847 | 16.88962 | 103.10347 | 37.49423 |
| 74.85347 | 0.99229 | 89.02014 | 17.11372 | 103.14514 | 37.69138 |
| 74.89514 | 0.98864 | 89.06180 | 17.32292 | 103.18680 | 37.90578 |
| 74.93680 | 0.94902 | 89.10347 | 17.54157 | 103.22847 | 38.05293 |
| 74.97847 | 0.89881 | 89.14514 | 17.72702 | 103.27014 | 38.17364 |
| 75.02014 | 0.87310 | 89.18680 | 17.85612 | 103.31180 | 38.35877 |
| 75.06180 | 0.87377 | 89.22847 | 18.08465 | 103.35347 | 38.42927 |
| 75.10347 | 0.86494 | 89.27014 | 18.23890 | 103.39514 | 38.46425 |
| 75.14514 | 0.84362 | 89.31180 | 18.46955 | 103.43680 | 38.54807 |
| 75.18680 | 0.84500 | 89.35347 | 18.58463 | 103.47847 | 38.53284 |
| 75.22847 | 0.86890 | 89.39514 | 18.74231 | 103.52014 | 38.61903 |
| 75.27014 | 0.85034 | 89.43680 | 18.86177 | 103.56180 | 38.61396 |
| 75.31180 | 0.82820 | 89.47847 | 19.03827 | 103.60347 | 38.69798 |
| 75.35347 | 0.87389 | 89.52014 | 19.11147 | 103.64513 | 38.71206 |

| | | | | | |
|---|---|---|---|---|---|
| 75.39514 | 0.86751 | 89.56180 | 19.21114 | 103.68680 | 38.76111 |
| 75.43680 | 0.86007 | 89.60347 | 19.22920 | 103.72847 | 38.79236 |
| 75.47847 | 0.85850 | 89.64514 | 19.32738 | 103.77014 | 38.81736 |
| 75.52014 | 0.83987 | 89.68680 | 19.36432 | 103.81180 | 38.85454 |
| 75.56180 | 0.89196 | 89.72847 | 19.33895 | 103.85347 | 38.88295 |
| 75.60347 | 0.86709 | 89.77014 | 19.43350 | 103.89514 | 38.85981 |
| 75.64514 | 0.85847 | 89.81180 | 19.47910 | 103.93680 | 38.90918 |
| 75.68680 | 0.86905 | 89.85347 | 19.55935 | 103.97847 | 38.94376 |
| 75.72847 | 0.88957 | 89.89514 | 19.54628 | 104.02014 | 38.94628 |
| 75.77014 | 0.83824 | 89.93680 | 19.60279 | 104.06180 | 38.92850 |
| 75.81180 | 0.85923 | 89.97847 | 19.60842 | 104.10347 | 38.91282 |
| 75.85347 | 0.79607 | 90.02014 | 19.62546 | 104.14514 | 38.89852 |
| 75.89514 | 0.86084 | 90.06180 | 19.66625 | 104.18680 | 38.88814 |
| 75.93680 | 0.82685 | 90.10347 | 19.64244 | 104.22847 | 38.91824 |
| 75.97847 | 0.87529 | 90.14514 | 19.65054 | 104.27014 | 38.87685 |
| 76.02014 | 0.82831 | 90.18680 | 19.60276 | 104.31180 | 38.90075 |
| 76.06180 | 0.88089 | 90.22847 | 19.49798 | 104.35347 | 38.90064 |
| 76.10347 | 0.83471 | 90.27014 | 19.40689 | 104.39514 | 38.83502 |
| 76.14514 | 0.86742 | 90.31180 | 19.26678 | 104.43680 | 38.76430 |
| 76.18680 | 0.87597 | 90.35347 | 19.15880 | 104.47847 | 38.65910 |
| 76.22847 | 0.84964 | 90.39514 | 19.09965 | 104.52014 | 38.56787 |
| 76.27014 | 0.87139 | 90.43680 | 18.92046 | 104.56180 | 38.44476 |
| 76.31180 | 0.84806 | 90.47847 | 18.86483 | 104.60347 | 38.24552 |
| 76.35347 | 0.84166 | 90.52014 | 18.76373 | 104.64514 | 38.17155 |
| 76.39514 | 0.84994 | 90.56180 | 18.73061 | 104.68680 | 38.04287 |
| 76.43680 | 0.83377 | 90.60347 | 18.74063 | 104.72847 | 38.04030 |
| 76.47847 | 0.90911 | 90.64514 | 18.77842 | 104.77013 | 37.98132 |
| 76.52014 | 0.81577 | 90.68680 | 18.77195 | 104.81180 | 38.00762 |
| 76.56180 | 0.86427 | 90.72847 | 18.87426 | 104.85347 | 38.04237 |
| 76.60347 | 0.90905 | 90.77014 | 18.88138 | 104.89514 | 38.05830 |
| 76.64514 | 0.93147 | 90.81180 | 18.92369 | 104.93680 | 38.08167 |
| 76.68680 | 0.92117 | 90.85347 | 19.01585 | 104.97847 | 38.10953 |
| 76.72847 | 0.99859 | 90.89514 | 19.08206 | 105.02014 | 38.14563 |
| 76.77014 | 1.07257 | 90.93680 | 19.17296 | 105.06180 | 38.12325 |
| 76.81180 | 1.22282 | 90.97847 | 19.26456 | 105.10347 | 38.21500 |
| 76.85347 | 1.25829 | 91.02014 | 19.33962 | 105.14514 | 38.26710 |
| 76.89514 | 1.34300 | 91.06180 | 19.41958 | 105.18680 | 38.30961 |
| 76.93680 | 1.45127 | 91.10347 | 19.48771 | 105.22847 | 38.33279 |
| 76.97847 | 1.54808 | 91.14514 | 19.55911 | 105.27014 | 38.34131 |
| 77.02014 | 1.62702 | 91.18680 | 19.67748 | 105.31180 | 38.41876 |
| 77.06180 | 1.64668 | 91.22847 | 19.77499 | 105.35347 | 38.47549 |
| 77.10347 | 1.69581 | 91.27014 | 19.86884 | 105.39513 | 38.47777 |
| 77.14514 | 1.73613 | 91.31180 | 19.93823 | 105.43680 | 38.48759 |
| 77.18680 | 1.79741 | 91.35347 | 20.08222 | 105.47847 | 38.58071 |
| 77.22847 | 1.79333 | 91.39514 | 20.19722 | 105.52014 | 38.59410 |
| 77.27014 | 1.77819 | 91.43680 | 20.27497 | 105.56180 | 38.61686 |
| 77.31180 | 1.78445 | 91.47847 | 20.40997 | 105.60347 | 38.65489 |

| | | | | | |
|---|---|---|---|---|---|
| 77.35347 | 1.76916 | 91.52014 | 20.45884 | 105.64514 | 38.72995 |
| 77.39514 | 1.80043 | 91.56180 | 20.55284 | 105.68680 | 38.78451 |
| 77.43680 | 1.78481 | 91.60347 | 20.56360 | 105.72847 | 38.81814 |
| 77.47847 | 1.79045 | 91.64514 | 20.55332 | 105.77014 | 38.84739 |
| 77.52014 | 1.78198 | 91.68680 | 20.47149 | 105.81180 | 38.88298 |
| 77.56180 | 1.77265 | 91.72847 | 20.23352 | 105.85347 | 38.91162 |
| 77.60347 | 1.76078 | 91.77014 | 20.01450 | 105.89514 | 39.02345 |
| 77.64514 | 1.75063 | 91.81180 | 19.77201 | 105.93680 | 39.04687 |
| 77.68680 | 1.80334 | 91.85347 | 19.51039 | 105.97847 | 39.15634 |
| 77.72847 | 1.77444 | 91.89514 | 19.28669 | 106.02014 | 39.21718 |
| 77.77014 | 1.78987 | 91.93680 | 19.16775 | 106.06180 | 39.34287 |
| 77.81180 | 1.80409 | 91.97847 | 19.07127 | 106.10347 | 39.38542 |
| 77.85347 | 1.81420 | 92.02014 | 19.02154 | 106.14514 | 39.48960 |
| 77.89514 | 1.80644 | 92.06180 | 18.94803 | 106.18680 | 39.66201 |
| 77.93680 | 1.84643 | 92.10347 | 18.91952 | 106.22847 | 39.77049 |
| 77.97847 | 1.83848 | 92.14514 | 18.83616 | 106.27014 | 39.96971 |
| 78.02014 | 1.90146 | 92.18680 | 18.78421 | 106.31180 | 40.16546 |
| 78.06180 | 1.88846 | 92.22847 | 18.81479 | 106.35347 | 40.44249 |
| 78.10347 | 1.94470 | 92.27014 | 18.75746 | 106.39514 | 40.68568 |
| 78.14514 | 1.98594 | 92.31180 | 18.70092 | 106.43680 | 40.95702 |
| 78.18680 | 2.00879 | 92.35347 | 18.64041 | 106.47847 | 41.19875 |
| 78.22847 | 2.03608 | 92.39514 | 18.61567 | 106.52014 | 41.50885 |
| 78.27014 | 2.02873 | 92.43680 | 18.57850 | 106.56180 | 41.89466 |
| 78.31180 | 2.05482 | 92.47847 | 18.49639 | 106.60347 | 42.28952 |
| 78.35347 | 2.11617 | 92.52014 | 18.49013 | 106.64514 | 42.68637 |
| 78.39514 | 2.13752 | 92.56180 | 18.42059 | 106.68680 | 43.17747 |
| 78.43680 | 2.16080 | 92.60347 | 18.33614 | 106.72847 | 43.66822 |
| 78.47847 | 2.18385 | 92.64514 | 18.26561 | 106.77014 | 44.19014 |
| 78.52014 | 2.18287 | 92.68680 | 18.18411 | 106.81180 | 44.75372 |
| 78.56180 | 2.19890 | 92.72847 | 18.02036 | 106.85347 | 45.35910 |
| 78.60347 | 2.23695 | 92.77014 | 17.85431 | 106.89514 | 46.00952 |
| 78.64514 | 2.23968 | 92.81180 | 17.71391 | 106.93680 | 46.66198 |
| 78.68680 | 2.22022 | 92.85347 | 17.55441 | 106.97847 | 47.48427 |
| 78.72847 | 2.24418 | 92.89514 | 17.46241 | 107.02014 | 48.21586 |
| 78.77014 | 2.14330 | 92.93680 | 17.39691 | 107.06180 | 48.84011 |
| 78.81180 | 2.12646 | 92.97847 | 17.34279 | 107.10347 | 49.16292 |
| 78.85347 | 2.06551 | 93.02014 | 17.35860 | 107.14514 | 49.57550 |
| 78.89514 | 1.94686 | 93.06180 | 17.40439 | 107.18680 | 49.79340 |
| 78.93680 | 1.88821 | 93.10347 | 17.38244 | 107.22847 | 50.01706 |
| 78.97847 | 1.81060 | 93.14514 | 17.39534 | 107.27013 | 50.24567 |
| 79.02014 | 1.73307 | 93.18680 | 17.40416 | 107.31180 | 50.36570 |
| 79.06180 | 1.62676 | 93.22847 | 17.38212 | 107.35347 | 50.37726 |
| 79.10347 | 1.54103 | 93.27014 | 17.41832 | 107.39514 | 50.36375 |
| 79.14514 | 1.45534 | 93.31180 | 17.39967 | 107.43680 | 50.27639 |
| 79.18680 | 1.40571 | 93.35347 | 17.47128 | 107.47847 | 50.15712 |
| 79.22847 | 1.35126 | 93.39514 | 17.47193 | 107.52014 | 50.09434 |
| 79.27014 | 1.29643 | 93.43680 | 17.53155 | 107.56180 | 49.95116 |

| | | | | | |
|---|---|---|---|---|---|
| 79.31180 | 1.33117 | 93.47847 | 17.54828 | 107.60347 | 49.79762 |
| 79.35347 | 1.32838 | 93.52014 | 17.54279 | 107.64514 | 49.66717 |
| 79.39514 | 1.44911 | 93.56180 | 17.58755 | 107.68680 | 49.57959 |
| 79.43680 | 1.45523 | 93.60347 | 17.64980 | 107.72847 | 49.56126 |
| 79.47847 | 1.57767 | 93.64514 | 17.68952 | 107.77014 | 49.46415 |
| 79.52014 | 1.67539 | 93.68680 | 17.70705 | 107.81180 | 49.53096 |
| 79.56180 | 1.75584 | 93.72847 | 17.74610 | 107.85347 | 49.94047 |
| 79.60347 | 1.82491 | 93.77014 | 17.80048 | 107.89514 | 50.51100 |
| 79.64514 | 1.91939 | 93.81180 | 17.92009 | 107.93680 | 51.27363 |
| 79.68680 | 2.02525 | 93.85347 | 17.94457 | 107.97847 | 52.02951 |
| 79.72847 | 2.13948 | 93.89514 | 18.10254 | 108.02014 | 52.76125 |
| 79.77014 | 2.18555 | 93.93680 | 18.31010 | 108.06180 | 53.20314 |
| 79.81180 | 2.20947 | 93.97847 | 18.64693 | 108.10347 | 53.56540 |
| 79.85347 | 2.24713 | 94.02014 | 18.91116 | 108.14513 | 53.89975 |
| 79.89514 | 2.23291 | 94.06180 | 19.23518 | 108.18680 | 54.30323 |
| 79.93680 | 2.26443 | 94.10347 | 19.58252 | 108.22847 | 54.57257 |
| 79.97847 | 2.22477 | 94.14514 | 19.90079 | 108.27014 | 54.82129 |
| 80.02014 | 2.23840 | 94.18680 | 20.21179 | 108.31180 | 55.14075 |
| 80.06180 | 2.24138 | 94.22847 | 20.45893 | 108.35347 | 55.43150 |
| 80.10347 | 2.18924 | 94.27014 | 20.72567 | 108.39513 | 55.72710 |
| 80.14514 | 2.26058 | 94.31180 | 20.98320 | 108.43680 | 56.05151 |
| 80.18680 | 2.22121 | 94.35347 | 21.30665 | 108.47847 | 56.32826 |
| 80.22847 | 2.26030 | 94.39514 | 21.56333 | 108.52014 | 56.66999 |
| 80.27014 | 2.24470 | 94.43680 | 21.84252 | 108.56180 | 56.86422 |
| 80.31180 | 2.22890 | 94.47847 | 22.12358 | 108.60347 | 57.07669 |
| 80.35347 | 2.24035 | 94.52014 | 22.34706 | 108.64513 | 57.20549 |
| 80.39514 | 2.26999 | 94.56180 | 22.64912 | 108.68680 | 57.25280 |
| 80.43680 | 2.23039 | 94.60347 | 22.89510 | 108.72847 | 57.26403 |
| 80.47847 | 2.23019 | 94.64514 | 23.02361 | 108.77014 | 57.21097 |
| 80.52014 | 2.27602 | 94.68680 | 23.19862 | 108.81180 | 57.07034 |
| 80.56180 | 2.22531 | 94.72847 | 23.29811 | 108.85347 | 57.01926 |
| 80.60347 | 2.24626 | 94.77014 | 23.37219 | 108.89514 | 56.88098 |
| 80.64514 | 2.25763 | 94.81180 | 23.40163 | 108.93680 | 56.74583 |
| 80.68680 | 2.23656 | 94.85347 | 23.39289 | 108.97847 | 56.62131 |
| 80.72847 | 2.20697 | 94.89514 | 23.43858 | 109.02014 | 56.48365 |
| 80.77014 | 2.22995 | 94.93680 | 23.50036 | 109.06180 | 56.25485 |
| 80.81180 | 2.21159 | 94.97847 | 23.48397 | 109.10347 | 56.01836 |
| 80.85347 | 2.15804 | 95.02014 | 23.54952 | 109.14513 | 55.95835 |
| 80.89514 | 2.09344 | 95.06180 | 23.56132 | 109.18680 | 55.82568 |
| 80.93680 | 2.01780 | 95.10347 | 23.59485 | 109.22847 | 55.79399 |
| 80.97847 | 1.89572 | 95.14514 | 23.56125 | 109.27014 | 55.75546 |
| 81.02014 | 1.78554 | 95.18680 | 23.62728 | 109.31180 | 55.69374 |
| 81.06180 | 1.64949 | 95.22847 | 23.66263 | 109.35347 | 55.65583 |
| 81.10347 | 1.57253 | 95.27014 | 23.65583 | 109.39513 | 55.64354 |
| 81.14514 | 1.47967 | 95.31180 | 23.66016 | 109.43680 | 55.61024 |
| 81.18680 | 1.37061 | 95.35347 | 23.70119 | 109.47847 | 55.59232 |
| 81.22847 | 1.34286 | 95.39514 | 23.71766 | 109.52013 | 55.52981 |

| | | | | | |
|---|---|---|---|---|---|
| 81.27014 | 1.29926 | 95.43680 | 23.72116 | 109.56180 | 55.51559 |
| 81.31180 | 1.39559 | 95.47847 | 23.75885 | 109.60347 | 55.40323 |
| 81.35347 | 1.71975 | 95.52014 | 23.77342 | 109.64514 | 55.34867 |
| 81.39514 | 2.02856 | 95.56180 | 23.80987 | 109.68680 | 55.17034 |
| 81.43680 | 2.36680 | 95.60347 | 23.84232 | 109.72847 | 54.99276 |
| 81.47847 | 2.59393 | 95.64514 | 23.92654 | 109.77013 | 54.78454 |
| 81.52014 | 2.71445 | 95.68680 | 23.93065 | 109.81180 | 54.55547 |
| 81.56180 | 2.74081 | 95.72847 | 23.96349 | 109.85347 | 54.28692 |
| 81.60347 | 2.67471 | 95.77014 | 24.08649 | 109.89514 | 53.99765 |
| 81.64514 | 2.69054 | 95.81180 | 24.07191 | 109.93680 | 53.81314 |
| 81.68680 | 2.70143 | 95.85347 | 24.12390 | 109.97847 | 53.56610 |
| 81.72847 | 2.72266 | 95.89514 | 24.15031 | 110.02014 | 53.37726 |
| 81.77014 | 2.68766 | 95.93680 | 24.23133 | 110.06180 | 53.18339 |
| 81.81180 | 2.73603 | 95.97847 | 24.34567 | 110.10347 | 53.19334 |
| 81.85347 | 2.70839 | 96.02014 | 24.47784 | 110.14514 | 53.24686 |
| 81.89514 | 2.69830 | 96.06180 | 24.64180 | 110.18680 | 54.20876 |
| 81.93680 | 2.73686 | 96.10347 | 24.75203 | 110.22847 | 55.31243 |
| 81.97847 | 2.68096 | 96.14514 | 24.89001 | 110.27014 | 55.51747 |
| 82.02014 | 2.69191 | 96.18680 | 25.04954 | 110.31180 | 55.61600 |
| 82.06180 | 2.72926 | 96.22847 | 25.20482 | 110.35347 | 55.63599 |
| 82.10347 | 2.69977 | 96.27014 | 25.33905 | 110.39513 | 55.64349 |
| 82.14514 | 2.62223 | 96.31180 | 25.49354 | 110.43680 | 55.66848 |
| 82.18680 | 2.33667 | 96.35347 | 25.58751 | 110.47847 | 55.70640 |
| 82.22847 | 1.98844 | 96.39514 | 25.68975 | 110.52014 | 55.71514 |
| 82.27014 | 1.79559 | 96.43680 | 25.77044 | 110.56180 | 55.79447 |
| 82.31180 | 1.81756 | 96.47847 | 25.85772 | 110.60347 | 55.78205 |
| 82.35347 | 1.78243 | 96.52014 | 25.91752 | 110.64514 | 55.85687 |
| 82.39514 | 1.80568 | 96.56180 | 25.98375 | 110.68680 | 55.94142 |
| 82.43680 | 1.78482 | 96.60347 | 26.08949 | 110.72847 | 56.01284 |
| 82.47847 | 1.79148 | 96.64514 | 26.10392 | 110.77014 | 56.16031 |
| 82.52014 | 1.79790 | 96.68680 | 26.17796 | 110.81180 | 56.35957 |
| 82.56180 | 1.78080 | 96.72847 | 26.26216 | 110.85347 | 56.52279 |
| 82.60347 | 1.78243 | 96.77014 | 26.28142 | 110.89513 | 56.74626 |
| 82.64514 | 1.78215 | 96.81180 | 26.37513 | 110.93680 | 56.90896 |
| 82.68680 | 1.86551 | 96.85347 | 26.40898 | 110.97847 | 57.08014 |
| 82.72847 | 1.90295 | 96.89514 | 26.49973 | 111.02013 | 57.24361 |
| 82.77014 | 1.99111 | 96.93680 | 26.62153 | 111.06180 | 57.27055 |
| 82.81180 | 2.07043 | 96.97847 | 26.69812 | 111.10347 | 57.36787 |
| 82.85347 | 2.13939 | 97.02014 | 26.77430 | 111.14513 | 57.41644 |
| 82.89514 | 2.17827 | 97.06180 | 26.84857 | 111.18680 | 57.46130 |
| 82.93680 | 2.19812 | 97.10347 | 26.98291 | 111.22847 | 57.54010 |
| 82.97847 | 2.21754 | 97.14514 | 27.20861 | 111.27013 | 57.56799 |
| 83.02014 | 2.22728 | 97.18680 | 27.48876 | 111.31180 | 57.56936 |
| 83.06180 | 2.21437 | 97.22847 | 27.81675 | 111.35347 | 57.60684 |
| 83.10347 | 2.26623 | 97.27014 | 28.15808 | 111.39514 | 57.65809 |
| 83.14514 | 2.21222 | 97.31180 | 28.51127 | 111.43680 | 57.63761 |
| 83.18680 | 2.25661 | 97.35347 | 28.79237 | 111.47847 | 57.70310 |

| | | | | | |
|---|---|---|---|---|---|
| 83.22847 | 2.22686 | 97.39514 | 29.08947 | 111.52013 | 57.74390 |
| 83.27014 | 2.25054 | 97.43680 | 29.24310 | 111.56180 | 57.76859 |
| 83.31180 | 2.22425 | 97.47847 | 29.29790 | 111.60347 | 57.83061 |
| 83.35347 | 2.25835 | 97.52014 | 29.19309 | 111.64514 | 57.82509 |
| 83.39514 | 2.24956 | 97.56180 | 29.04054 | 111.68680 | 57.88837 |
| 83.43680 | 2.19958 | 97.60347 | 28.85296 | 111.72847 | 57.95478 |
| 83.47847 | 2.27778 | 97.64514 | 28.54867 | 111.77013 | 58.03128 |
| 83.52014 | 2.34903 | 97.68680 | 28.32905 | 111.81180 | 58.06000 |
| 83.56180 | 2.54446 | 97.72847 | 28.09527 | 111.85347 | 58.18714 |
| 83.60347 | 2.76034 | 97.77014 | 27.93565 | 111.89513 | 58.37325 |
| 83.64514 | 3.07364 | 97.81180 | 27.77127 | 111.93680 | 58.75360 |
| 83.68680 | 3.34012 | 97.85347 | 27.59418 | 111.97847 | 59.15884 |
| 83.72847 | 3.60014 | 97.89514 | 27.45373 | 112.02013 | 59.62905 |
| 83.77014 | 3.92714 | 97.93680 | 27.28114 | 112.06180 | 60.11430 |
| 83.81180 | 4.27670 | 97.97847 | 27.17251 | 112.10347 | 60.55187 |
| 83.85347 | 4.71432 | 98.02014 | 27.03484 | 112.14513 | 60.78936 |
| 83.89514 | 5.22057 | 98.06180 | 26.87385 | 112.18680 | 60.92742 |
| 83.93680 | 5.80355 | 98.10347 | 26.76039 | 112.22847 | 60.95026 |
| 83.97847 | 6.49205 | 98.14514 | 26.69493 | 112.27014 | 60.91939 |
| 84.02014 | 7.67095 | 98.18680 | 26.59699 | 112.31180 | 60.91744 |
| 84.06180 | 9.71135 | 98.22847 | 26.55495 | 112.35347 | 60.86575 |
| 84.10347 | 11.09503 | 98.27014 | 26.55359 | 112.39513 | 60.92696 |
| 84.14514 | 11.85908 | 98.31180 | 26.55474 | 112.43680 | 60.93411 |
| 84.18680 | 12.51484 | 98.35347 | 26.52521 | 112.47847 | 60.96741 |
| 84.22847 | 13.08585 | 98.39514 | 26.59753 | 112.52013 | 61.04924 |
| 84.27014 | 13.45334 | 98.43680 | 26.62669 | 112.56180 | 61.18660 |
| 84.31180 | 13.67650 | 98.47847 | 26.68388 | 112.60347 | 61.44126 |
| 84.35347 | 13.69109 | 98.52014 | 26.69310 | 112.64513 | 61.76440 |
| 84.39514 | 13.73362 | 98.56180 | 26.77838 | 112.68680 | 62.16039 |
| 84.43680 | 13.72879 | 98.60347 | 26.79843 | 112.72847 | 62.51986 |
| 84.47847 | 13.71441 | 98.64514 | 26.85914 | 112.77014 | 62.92982 |
| 84.52014 | 13.65441 | 98.68680 | 26.93218 | 112.81180 | 63.38412 |
| 84.56180 | 13.74521 | 98.72847 | 27.00070 | 112.85347 | 63.86241 |
| 84.60347 | 13.67436 | 98.77014 | 26.99083 | 112.89513 | 64.25439 |
| 84.64514 | 13.71174 | 98.81180 | 26.96876 | 112.93680 | 64.74891 |
| 84.68680 | 13.67528 | 98.85347 | 26.89930 | 112.97847 | 65.33360 |
| 84.72847 | 13.71184 | 98.89514 | 26.63475 | 113.02013 | 65.94788 |
| 84.77014 | 13.81329 | 98.93680 | 26.16402 | 113.06180 | 66.43667 |
| 84.81180 | 13.95615 | 98.97847 | 25.66409 | 113.10347 | 66.65256 |
| 84.85347 | 14.37904 | 99.02014 | 25.10975 | 113.14513 | 66.83770 |
| 84.89514 | 14.72938 | 99.06180 | 24.63477 | 113.18680 | 66.95446 |
| 84.93680 | 15.18611 | 99.10347 | 24.18922 | 113.22847 | 67.09969 |
| 84.97847 | 15.62032 | 99.14514 | 23.90394 | 113.27014 | 67.19456 |
| 85.02014 | 15.85092 | 99.18680 | 23.81887 | 113.31180 | 67.31871 |
| 85.06180 | 15.97739 | 99.22847 | 23.85727 | 113.35347 | 67.38799 |
| 85.10347 | 15.94599 | 99.27014 | 23.95190 | 113.39514 | 67.48877 |
| 85.14514 | 15.71898 | 99.31180 | 24.08468 | 113.43680 | 67.59380 |

| | | | | | |
|---|---|---|---|---|---|
| 85.18680 | 15.45539 | 99.35347 | 24.21747 | 113.47847 | 67.73111 |
| 85.22847 | 15.03691 | 99.39514 | 24.38231 | 113.52013 | 67.87828 |
| 85.27014 | 14.57862 | 99.43680 | 24.61974 | 113.56180 | 68.09902 |
| 85.31180 | 14.13418 | 99.47847 | 24.88949 | 113.60347 | 68.29567 |
| 85.35347 | 13.67304 | 99.52014 | 25.10621 | 113.64513 | 68.47650 |
| 85.39514 | 13.30407 | 99.56180 | 25.35109 | 113.68680 | 68.77996 |
| 85.43680 | 12.99859 | 99.60347 | 25.55369 | 113.72847 | 68.98154 |
| 85.47847 | 12.82933 | 99.64514 | 25.77163 | 113.77013 | 69.22191 |
| 85.52014 | 12.78737 | 99.68680 | 25.91191 | 113.81180 | 69.37827 |
| 85.56180 | 13.02956 | 99.72847 | 26.12864 | 113.85347 | 69.48266 |
| 85.60347 | 13.40088 | 99.77014 | 26.25134 | 113.89513 | 69.61443 |
| 85.64514 | 13.84515 | 99.81180 | 26.35384 | 113.93680 | 69.65767 |
| 85.68680 | 14.25516 | 99.85347 | 26.47377 | 113.97847 | 69.62309 |
| 85.72847 | 14.80050 | 99.89514 | 26.61843 | 114.02013 | 69.47565 |
| 85.77014 | 15.52172 | 99.93680 | 26.71212 | 114.06180 | 69.29746 |
| 85.81180 | 16.29538 | 99.97847 | 26.86155 | 114.10347 | 69.11348 |
| 85.85347 | 17.04013 | 100.02014 | 26.92225 | 114.14513 | 68.83502 |
| 85.89514 | 17.73979 | 100.06180 | 27.01462 | 114.18680 | 68.61191 |
| 85.93680 | 18.30046 | 100.10347 | 27.14707 | 114.22847 | 68.37466 |
| 85.97847 | 18.64141 | 100.14514 | 27.23368 | 114.27013 | 68.22368 |
| 86.02014 | 18.73772 | 100.18680 | 27.36114 | 114.31180 | 67.97169 |
| 86.06180 | 18.65135 | 100.22847 | 27.46792 | 114.35347 | 67.87996 |
| 86.10347 | 18.47252 | 100.27014 | 27.55515 | 114.39513 | 67.80053 |
| 86.14514 | 18.18294 | 100.31180 | 27.59148 | 114.43680 | 67.83277 |
| 86.18680 | 17.90020 | 100.35347 | 27.71175 | 114.47847 | 68.09387 |
| 86.22847 | 17.48894 | 100.39514 | 27.78972 | 114.52013 | 68.46842 |
| 86.27014 | 17.19181 | 100.43680 | 27.92143 | 114.56180 | 68.93741 |
| 86.31180 | 16.76750 | 100.47847 | 28.00341 | 114.60347 | 69.38553 |
| 86.35347 | 16.42033 | 100.52014 | 28.10024 | 114.64513 | 69.85976 |
| 86.39514 | 16.00235 | 100.56180 | 28.19409 | 114.68680 | 70.21787 |
| 86.43680 | 15.48010 | 100.60347 | 28.26440 | 114.72847 | 70.50737 |
| 86.47847 | 14.94781 | 100.64514 | 28.36177 | 114.77013 | 70.66077 |
| 86.52014 | 14.40828 | 100.68680 | 28.51233 | 114.81180 | 70.75649 |
| 86.56180 | 13.87630 | 100.72847 | 28.57525 | 114.85347 | 70.85486 |
| 86.60347 | 13.39871 | 100.77014 | 28.74764 | 114.89513 | 70.89314 |
| 86.64514 | 13.04018 | 100.81180 | 28.91800 | 114.93680 | 70.98151 |
| 86.68680 | 12.84676 | 100.85347 | 29.03299 | 114.97847 | 71.02459 |
| 86.72847 | 12.76438 | 100.89514 | 29.11532 | 115.02014 | 71.07024 |
| 86.77014 | 12.78344 | 100.93680 | 29.27472 | 115.06180 | 71.12729 |
| 86.81180 | 12.77904 | 100.97847 | 29.41496 | 115.10347 | 71.26144 |
| 86.85347 | 12.75021 | 101.02014 | 29.58361 | 115.14513 | 71.33708 |
| 86.89514 | 12.79361 | 101.06180 | 29.72246 | 115.18680 | 71.40992 |
| 86.93680 | 12.78827 | 101.10347 | 29.87003 | 115.22847 | 71.53296 |
| 86.97847 | 12.75755 | 101.14514 | 30.03625 | 115.27013 | 71.71480 |
| 87.02014 | 12.71322 | 101.18680 | 30.22098 | 115.31180 | 72.00354 |
| 87.06180 | 12.60891 | 101.22847 | 30.31848 | 115.35347 | 72.30002 |
| 87.10347 | 12.49210 | 101.27014 | 30.47616 | 115.39513 | 72.57531 |

| | | | | | |
|---|---|---|---|---|---|
| 87.14514 | 12.37748 | 101.31180 | 30.62522 | 115.43680 | 72.78153 |
| 87.18680 | 12.21175 | 101.35347 | 30.78059 | 115.47847 | 72.86453 |
| 87.22847 | 12.09231 | 101.39514 | 30.94391 | 115.52013 | 72.69031 |
| 87.27014 | 11.95638 | 101.43680 | 31.13946 | 115.56180 | 72.29536 |
| 87.31180 | 11.87180 | 101.47847 | 31.25380 | 115.60347 | 71.72139 |
| 87.35347 | 11.85715 | 101.52014 | 31.38910 | 115.64514 | 71.07895 |
| 87.39514 | 11.90075 | 101.56180 | 31.55647 | 115.68677 | 70.41185 |
| 87.43680 | 11.84373 | 101.60347 | 31.66444 | 115.72860 | 69.82153 |
| 87.47847 | 11.87798 | 101.64514 | 31.88546 | 115.76952 | 69.43801 |
| 87.52014 | 11.86688 | 101.68680 | 31.97654 | 115.81330 | 69.21223 |
| 87.56180 | 11.88348 | 101.72847 | 32.12318 | 115.82986 | 69.21245 |
| 87.60347 | 11.95880 | | | | |

SeDep6

| Julian Date | Mass | Julian Date | Mass | Julian Date | Mass |
|---|---|---|---|---|---|
| 73.47810 | 2.10079 | 87.60304 | 89.84894 | 101.72804 | 184.89591 |
| 73.51973 | 2.30721 | 87.64471 | 90.01274 | 101.76971 | 187.08653 |
| 73.56138 | 2.73147 | 87.68637 | 90.07562 | 101.81137 | 188.50315 |
| 73.60304 | 3.11389 | 87.72804 | 90.16385 | 101.85304 | 189.08361 |
| 73.64471 | 3.23312 | 87.76971 | 90.21302 | 101.89471 | 189.51850 |
| 73.68637 | 3.28674 | 87.81137 | 90.25802 | 101.93637 | 189.88250 |
| 73.72804 | 3.27301 | 87.85304 | 90.27870 | 101.97804 | 190.20853 |
| 73.76971 | 3.33165 | 87.89471 | 90.11473 | 102.01971 | 190.50784 |
| 73.81138 | 3.38281 | 87.93637 | 89.69896 | 102.06137 | 190.89355 |
| 73.85304 | 3.38707 | 87.97804 | 89.14039 | 102.10304 | 191.35098 |
| 73.89471 | 3.39665 | 88.01971 | 88.63419 | 102.14471 | 191.78668 |
| 73.93638 | 3.42885 | 88.06137 | 88.49048 | 102.18637 | 192.25173 |
| 73.97804 | 3.39948 | 88.10304 | 88.48973 | 102.22804 | 192.68799 |
| 74.01971 | 3.44785 | 88.14471 | 88.68397 | 102.26971 | 193.14450 |
| 74.06138 | 3.48336 | 88.18637 | 88.96304 | 102.31137 | 193.58862 |
| 74.10304 | 3.51930 | 88.22804 | 89.22967 | 102.35304 | 194.01016 |
| 74.14471 | 3.62659 | 88.26971 | 89.52017 | 102.39471 | 194.40154 |
| 74.18638 | 3.94258 | 88.31137 | 89.67797 | 102.43637 | 194.74381 |
| 74.22804 | 4.77631 | 88.35304 | 89.78824 | 102.47804 | 195.02541 |
| 74.26971 | 5.30195 | 88.39471 | 89.80800 | 102.51971 | 195.19654 |
| 74.31138 | 5.44258 | 88.43637 | 89.80418 | 102.56137 | 195.39385 |
| 74.35304 | 5.36738 | 88.47804 | 89.80565 | 102.60304 | 195.49124 |
| 74.39471 | 5.26115 | 88.51971 | 89.78836 | 102.64471 | 195.89660 |
| 74.43638 | 5.12775 | 88.56137 | 89.79177 | 102.68637 | 196.05688 |
| 74.47804 | 5.02966 | 88.60304 | 89.81113 | 102.72804 | 199.96790 |
| 74.51971 | 5.00289 | 88.64471 | 89.81938 | 102.76971 | 204.37700 |
| 74.56138 | 5.04779 | 88.68637 | 89.84171 | 102.81137 | 204.97759 |
| 74.60304 | 5.04846 | 88.72804 | 89.80708 | 102.85304 | 205.81608 |
| 74.64471 | 5.15399 | 88.76971 | 89.85772 | 102.89471 | 206.28127 |
| 74.68638 | 5.37221 | 88.81137 | 89.94967 | 102.93637 | 206.62980 |
| 74.72804 | 5.47337 | 88.85304 | 90.03960 | 102.97804 | 206.94119 |
| 74.76971 | 5.57911 | 88.89471 | 90.11034 | 103.01971 | 207.13646 |
| 74.81138 | 5.67629 | 88.93637 | 90.15549 | 103.06137 | 207.36194 |
| 74.85304 | 5.75737 | 88.97804 | 90.29315 | 103.10304 | 207.55809 |
| 74.89471 | 5.86380 | 89.01971 | 90.48484 | 103.14471 | 207.86128 |
| 74.93638 | 5.93210 | 89.06137 | 90.64647 | 103.18637 | 208.12162 |
| 74.97804 | 6.10095 | 89.10304 | 90.94623 | 103.22804 | 208.37904 |
| 75.01971 | 6.25773 | 89.14471 | 91.24625 | 103.26971 | 208.58217 |
| 75.06138 | 6.40933 | 89.18637 | 91.57408 | 103.31137 | 208.80696 |
| 75.10304 | 6.69302 | 89.22804 | 91.92726 | 103.35304 | 208.93538 |
| 75.14471 | 7.13862 | 89.26971 | 92.27446 | 103.39471 | 208.98248 |
| 75.18638 | 7.61397 | 89.31137 | 92.63942 | 103.43637 | 208.97376 |
| 75.22804 | 8.13264 | 89.35304 | 92.93223 | 103.47804 | 208.57054 |
| 75.26971 | 8.59098 | 89.39471 | 93.33196 | 103.51971 | 207.82575 |
| 75.31138 | 8.95255 | 89.43637 | 93.66202 | 103.56137 | 206.59786 |
| 75.35304 | 9.10179 | 89.47804 | 94.01497 | 103.60304 | 205.15339 |

| | | | | | |
|---|---|---|---|---|---|
| 75.39471 | 9.05415 | 89.51971 | 94.39136 | 103.64471 | 201.71914 |
| 75.43638 | 8.87341 | 89.56137 | 94.83116 | 103.68637 | 200.75342 |
| 75.47804 | 8.65038 | 89.60304 | 95.26215 | 103.72804 | 200.85284 |
| 75.51971 | 8.42178 | 89.64471 | 95.77759 | 103.76971 | 200.87215 |
| 75.56137 | 8.27529 | 89.68637 | 96.37359 | 103.81137 | 200.90707 |
| 75.60304 | 8.21827 | 89.72804 | 96.98697 | 103.85304 | 200.99693 |
| 75.64471 | 8.32368 | 89.76971 | 97.60341 | 103.89471 | 201.15123 |
| 75.68638 | 8.69316 | 89.81137 | 98.21192 | 103.93637 | 201.56194 |
| 75.72804 | 9.17158 | 89.85304 | 98.76570 | 103.97804 | 203.69020 |
| 75.76971 | 9.66716 | 89.89471 | 99.17812 | 104.01971 | 206.57339 |
| 75.81138 | 10.32463 | 89.93637 | 99.54207 | 104.06137 | 209.73741 |
| 75.85304 | 11.38758 | 89.97804 | 99.95920 | 104.10304 | 212.64049 |
| 75.89471 | 12.57949 | 90.01971 | 100.31812 | 104.14471 | 215.31585 |
| 75.93638 | 13.30038 | 90.06137 | 100.66625 | 104.18637 | 216.72607 |
| 75.97804 | 13.64869 | 90.10304 | 100.99709 | 104.22804 | 216.73010 |
| 76.01971 | 13.95344 | 90.14471 | 101.25156 | 104.26971 | 216.56730 |
| 76.06138 | 14.22147 | 90.18637 | 101.47922 | 104.31137 | 216.20510 |
| 76.10304 | 14.42654 | 90.22804 | 101.68473 | 104.35304 | 215.83056 |
| 76.14471 | 14.59048 | 90.26971 | 101.81068 | 104.39471 | 215.40247 |
| 76.18638 | 14.60189 | 90.31137 | 101.91552 | 104.43637 | 215.03703 |
| 76.22804 | 14.63815 | 90.35304 | 102.00021 | 104.47804 | 214.64917 |
| 76.26971 | 14.62113 | 90.39471 | 102.07950 | 104.51971 | 214.28246 |
| 76.31137 | 14.59772 | 90.43637 | 102.11665 | 104.56137 | 214.14912 |
| 76.35304 | 14.60767 | 90.47804 | 102.17663 | 104.60304 | 214.09258 |
| 76.39471 | 14.59653 | 90.51971 | 102.25202 | 104.64471 | 214.44023 |
| 76.43638 | 14.53128 | 90.56137 | 102.30289 | 104.68637 | 215.03995 |
| 76.47804 | 14.44030 | 90.60304 | 102.38803 | 104.72804 | 215.88074 |
| 76.51971 | 14.25567 | 90.64471 | 102.49885 | 104.76971 | 216.69654 |
| 76.56138 | 14.19658 | 90.68637 | 102.68228 | 104.81137 | 217.39490 |
| 76.60304 | 14.04465 | 90.72804 | 103.04178 | 104.85304 | 217.71555 |
| 76.64471 | 14.02265 | 90.76971 | 103.62568 | 104.89471 | 217.73546 |
| 76.68637 | 13.89244 | 90.81137 | 104.41338 | 104.93637 | 217.71148 |
| 76.72804 | 13.79227 | 90.85304 | 105.63359 | 104.97804 | 217.63855 |
| 76.76971 | 13.78227 | 90.89471 | 107.36795 | 105.01971 | 217.59053 |
| 76.81138 | 13.67785 | 90.93637 | 109.04977 | 105.06137 | 217.53044 |
| 76.85304 | 13.79065 | 90.97804 | 110.24707 | 105.10304 | 217.46052 |
| 76.89471 | 14.08435 | 91.01971 | 111.19215 | 105.14471 | 217.33714 |
| 76.93637 | 14.66663 | 91.06137 | 112.10303 | 105.18637 | 217.24693 |
| 76.97804 | 15.34813 | 91.10304 | 112.85348 | 105.22804 | 217.22277 |
| 77.01971 | 15.83255 | 91.14471 | 113.52815 | 105.26971 | 217.09400 |
| 77.06138 | 16.09950 | 91.18637 | 114.06338 | 105.31137 | 217.04219 |
| 77.10304 | 16.19435 | 91.22804 | 114.55077 | 105.35304 | 216.94384 |
| 77.14471 | 16.36565 | 91.26971 | 114.90927 | 105.39471 | 216.87038 |
| 77.18638 | 16.54803 | 91.31137 | 115.25768 | 105.43637 | 216.84815 |
| 77.22804 | 16.79458 | 91.35304 | 115.60714 | 105.47804 | 216.84299 |
| 77.26971 | 17.26182 | 91.39471 | 115.98308 | 105.51971 | 216.81289 |
| 77.31138 | 17.76106 | 91.43637 | 116.36798 | 105.56137 | 216.95048 |

| | | | | | |
|---|---|---|---|---|---|
| 77.35304 | 18.23903 | 91.47804 | 116.78239 | 105.60304 | 217.21036 |
| 77.39471 | 18.72659 | 91.51971 | 117.26799 | 105.64471 | 217.49919 |
| 77.43638 | 19.22938 | 91.56137 | 117.92664 | 105.68637 | 217.88357 |
| 77.47804 | 19.65067 | 91.60304 | 119.10229 | 105.72804 | 218.24557 |
| 77.51971 | 20.09480 | 91.64471 | 120.68946 | 105.76971 | 218.62233 |
| 77.56138 | 20.49834 | 91.68637 | 122.12186 | 105.81137 | 219.00596 |
| 77.60304 | 20.98898 | 91.72804 | 122.83334 | 105.85304 | 219.31747 |
| 77.64471 | 21.35665 | 91.76971 | 123.01799 | 105.89471 | 219.54208 |
| 77.68637 | 21.66457 | 91.81137 | 123.18829 | 105.93637 | 219.69830 |
| 77.72804 | 21.89927 | 91.85304 | 123.29643 | 105.97804 | 219.86884 |
| 77.76971 | 22.00914 | 91.89471 | 123.36224 | 106.01971 | 220.00276 |
| 77.81138 | 22.07137 | 91.93637 | 123.40535 | 106.06137 | 220.04428 |
| 77.85304 | 22.13425 | 91.97804 | 123.52970 | 106.10304 | 220.26170 |
| 77.89471 | 22.16428 | 92.01971 | 123.63326 | 106.14471 | 220.35583 |
| 77.93638 | 22.23583 | 92.06137 | 123.73572 | 106.18637 | 220.46756 |
| 77.97804 | 22.30117 | 92.10304 | 123.90473 | 106.22804 | 220.55823 |
| 78.01971 | 22.44369 | 92.14471 | 124.07992 | 106.26971 | 220.67918 |
| 78.06138 | 22.87054 | 92.18637 | 124.33044 | 106.31137 | 220.75461 |
| 78.10304 | 23.45929 | 92.22804 | 124.58403 | 106.35304 | 220.78683 |
| 78.14471 | 24.04035 | 92.26971 | 124.92886 | 106.39471 | 220.93771 |
| 78.18638 | 24.30224 | 92.31137 | 125.35300 | 106.43637 | 220.91492 |
| 78.22804 | 24.26463 | 92.35304 | 125.91702 | 106.47804 | 220.99196 |
| 78.26971 | 24.25328 | 92.39471 | 127.31212 | 106.51971 | 220.93972 |
| 78.31137 | 24.25313 | 92.43637 | 128.83557 | 106.56137 | 220.87698 |
| 78.35304 | 24.10612 | 92.47804 | 129.23248 | 106.60304 | 220.68168 |
| 78.39471 | 21.51097 | 92.51971 | 129.41219 | 106.64471 | 220.44111 |
| 78.43638 | 16.83199 | 92.56137 | 129.65140 | 106.68637 | 220.18202 |
| 78.47804 | 13.92639 | 92.60304 | 130.09762 | 106.72804 | 219.83523 |
| 78.51971 | 13.77662 | 92.64471 | 130.66569 | 106.76971 | 219.44483 |
| 78.56138 | 13.96721 | 92.68637 | 131.31397 | 106.81137 | 219.03168 |
| 78.60304 | 14.27200 | 92.72804 | 132.00722 | 106.85304 | 218.64941 |
| 78.64471 | 14.66526 | 92.76971 | 132.61619 | 106.89471 | 218.26492 |
| 78.68637 | 15.09440 | 92.81137 | 133.17828 | 106.93637 | 217.90016 |
| 78.72804 | 15.73450 | 92.85304 | 133.59000 | 106.97804 | 217.49740 |
| 78.76971 | 16.60250 | 92.89471 | 133.79720 | 107.01971 | 217.27766 |
| 78.81137 | 17.55602 | 92.93637 | 133.86963 | 107.06137 | 217.04987 |
| 78.85304 | 18.92025 | 92.97804 | 133.94171 | 107.10304 | 216.85387 |
| 78.89471 | 19.68860 | 93.01971 | 133.99767 | 107.14471 | 216.83665 |
| 78.93637 | 19.63822 | 93.06137 | 133.98429 | 107.18637 | 216.86841 |
| 78.97804 | 19.65402 | 93.10304 | 134.00694 | 107.22804 | 216.93205 |
| 79.01971 | 19.66408 | 93.14471 | 134.03964 | 107.26971 | 217.07924 |
| 79.06138 | 19.70236 | 93.18637 | 134.04385 | 107.31137 | 217.31090 |
| 79.10304 | 19.64963 | 93.22804 | 134.06181 | 107.35304 | 217.52618 |
| 79.14471 | 19.72295 | 93.26971 | 134.09090 | 107.39471 | 217.79187 |
| 79.18638 | 19.69237 | 93.31137 | 134.12765 | 107.43637 | 218.04869 |
| 79.22804 | 19.65057 | 93.35304 | 134.11879 | 107.47804 | 218.31753 |
| 79.26971 | 19.71452 | 93.39471 | 134.20444 | 107.51971 | 218.47772 |

| | | | | | |
|---|---|---|---|---|---|
| 79.31138 | 20.49156 | 93.43637 | 134.30963 | 107.56137 | 218.74130 |
| 79.35304 | 21.79826 | 93.47804 | 134.72906 | 107.60304 | 218.94314 |
| 79.39471 | 23.08895 | 93.51971 | 135.53273 | 107.64471 | 219.19254 |
| 79.43637 | 23.96753 | 93.56137 | 136.39887 | 107.68637 | 219.44791 |
| 79.47804 | 24.46514 | 93.60304 | 137.12937 | 107.72804 | 219.67292 |
| 79.51971 | 24.86436 | 93.64471 | 137.82353 | 107.76971 | 219.88420 |
| 79.56137 | 25.28795 | 93.68637 | 138.59043 | 107.81137 | 219.98382 |
| 79.60304 | 25.61361 | 93.72804 | 139.20139 | 107.85304 | 220.04385 |
| 79.64471 | 25.96545 | 93.76971 | 139.61962 | 107.89471 | 220.00572 |
| 79.68637 | 26.28754 | 93.81137 | 139.75898 | 107.93637 | 219.95635 |
| 79.72804 | 26.56864 | 93.85304 | 139.46045 | 107.97804 | 219.87882 |
| 79.76971 | 26.75682 | 93.89471 | 139.00294 | 108.01971 | 219.68292 |
| 79.81138 | 26.96730 | 93.93637 | 138.74261 | 108.06137 | 219.56539 |
| 79.85304 | 27.17471 | 93.97804 | 138.61238 | 108.10304 | 219.32853 |
| 79.89471 | 27.36003 | 94.01971 | 138.52486 | 108.14471 | 219.09675 |
| 79.93638 | 27.66575 | 94.06137 | 138.45118 | 108.18637 | 218.89656 |
| 79.97804 | 27.92995 | 94.10304 | 138.42166 | 108.22804 | 218.58270 |
| 80.01971 | 28.29004 | 94.14471 | 138.35840 | 108.26971 | 218.27061 |
| 80.06138 | 28.80176 | 94.18637 | 138.32454 | 108.31137 | 217.69426 |
| 80.10304 | 29.63212 | 94.22804 | 138.25474 | 108.35304 | 217.06105 |
| 80.14471 | 30.46821 | 94.26971 | 138.19182 | 108.39471 | 216.26351 |
| 80.18637 | 31.22363 | 94.31137 | 138.14920 | 108.43637 | 215.37852 |
| 80.22804 | 31.59220 | 94.35304 | 138.08320 | 108.47804 | 214.35354 |
| 80.26971 | 31.61127 | 94.39471 | 137.98315 | 108.51971 | 213.03212 |
| 80.31137 | 31.56124 | 94.43637 | 137.87799 | 108.56137 | 210.90819 |
| 80.35304 | 31.59566 | 94.47804 | 137.63978 | 108.60304 | 208.71746 |
| 80.39471 | 31.59865 | 94.51971 | 137.29330 | 108.64471 | 207.37595 |
| 80.43637 | 31.60961 | 94.56137 | 134.87356 | 108.68637 | 207.24286 |
| 80.47804 | 31.61441 | 94.60304 | 130.80196 | 108.72804 | 207.41046 |
| 80.51971 | 31.56674 | 94.64471 | 127.62027 | 108.76971 | 207.67187 |
| 80.56137 | 31.59605 | 94.68637 | 125.72347 | 108.81137 | 208.08146 |
| 80.60304 | 31.55468 | 94.72804 | 125.10551 | 108.85304 | 208.49775 |
| 80.64471 | 31.59855 | 94.76971 | 125.33959 | 108.89471 | 208.96009 |
| 80.68637 | 31.71445 | 94.81137 | 125.54877 | 108.93637 | 209.61036 |
| 80.72804 | 32.04657 | 94.85304 | 126.07385 | 108.97804 | 210.44083 |
| 80.76971 | 32.49527 | 94.89471 | 126.78010 | 109.01971 | 211.17045 |
| 80.81137 | 33.01386 | 94.93637 | 127.54381 | 109.06137 | 211.81956 |
| 80.85304 | 33.57036 | 94.97804 | 130.83428 | 109.10304 | 212.31487 |
| 80.89471 | 34.03896 | 95.01971 | 137.96877 | 109.14471 | 212.58116 |
| 80.93637 | 34.47794 | 95.06137 | 140.13741 | 109.18637 | 212.74660 |
| 80.97804 | 34.81751 | 95.10304 | 136.46366 | 109.22804 | 212.95845 |
| 81.01971 | 35.07355 | 95.14471 | 136.07465 | 109.26971 | 213.16493 |
| 81.06138 | 35.27376 | 95.18637 | 137.81402 | 109.31137 | 213.43598 |
| 81.10304 | 35.45899 | 95.22804 | 140.26850 | 109.35304 | 213.92648 |
| 81.14471 | 35.60747 | 95.26971 | 142.94610 | 109.39471 | 214.99274 |
| 81.18637 | 35.72469 | 95.31137 | 145.11767 | 109.43637 | 216.26007 |
| 81.22804 | 35.80721 | 95.35304 | 146.23215 | 109.47804 | 217.44819 |

| | | | | | |
|---|---|---|---|---|---|
| 81.26971 | 35.94324 | 95.39471 | 146.38100 | 109.51971 | 218.13455 |
| 81.31137 | 36.07196 | 95.43637 | 146.55766 | 109.56137 | 218.14568 |
| 81.35304 | 36.14243 | 95.47804 | 146.69995 | 109.60304 | 218.02401 |
| 81.39471 | 36.31959 | 95.51971 | 146.79567 | 109.64471 | 217.78049 |
| 81.43637 | 36.53449 | 95.56137 | 146.91889 | 109.68637 | 217.47502 |
| 81.47804 | 36.67105 | 95.60304 | 147.09122 | 109.72804 | 217.16604 |
| 81.51971 | 36.97585 | 95.64471 | 147.24952 | 109.76971 | 216.82040 |
| 81.56137 | 37.21170 | 95.68637 | 147.55144 | 109.81137 | 216.41730 |
| 81.60304 | 37.64227 | 95.72804 | 147.96714 | 109.85304 | 216.13288 |
| 81.64471 | 38.07026 | 95.76971 | 148.40828 | 109.89471 | 215.82334 |
| 81.68637 | 39.70227 | 95.81137 | 148.94276 | 109.93637 | 215.62328 |
| 81.72804 | 41.28930 | 95.85304 | 149.36860 | 109.97804 | 215.46600 |
| 81.76971 | 42.48868 | 95.89471 | 149.79504 | 110.01971 | 215.42065 |
| 81.81137 | 43.54846 | 95.93637 | 150.22991 | 110.06137 | 215.39362 |
| 81.85304 | 44.36475 | 95.97804 | 150.51314 | 110.10304 | 215.40747 |
| 81.89471 | 44.80423 | 96.01971 | 150.74737 | 110.14471 | 215.46741 |
| 81.93638 | 44.89396 | 96.06137 | 150.78876 | 110.18637 | 215.43454 |
| 81.97804 | 44.81695 | 96.10304 | 150.43179 | 110.22804 | 215.39199 |
| 82.01971 | 44.71824 | 96.14471 | 149.77295 | 110.26971 | 215.41271 |
| 82.06137 | 44.59069 | 96.18637 | 148.85684 | 110.31137 | 215.44909 |
| 82.10304 | 44.46529 | 96.22804 | 147.83334 | 110.35304 | 215.42669 |
| 82.14471 | 44.43999 | 96.26971 | 146.86653 | 110.39471 | 215.44258 |
| 82.18637 | 44.43617 | 96.31137 | 146.12654 | 110.43637 | 215.44917 |
| 82.22804 | 44.53027 | 96.35304 | 145.78991 | 110.47804 | 215.43692 |
| 82.26971 | 44.79156 | 96.39471 | 146.10600 | 110.51971 | 215.43529 |
| 82.31137 | 45.15162 | 96.43637 | 147.26357 | 110.56137 | 215.45337 |
| 82.35304 | 45.58628 | 96.47804 | 148.50041 | 110.60304 | 215.55810 |
| 82.39471 | 46.01652 | 96.51971 | 149.41621 | 110.64471 | 215.73505 |
| 82.43637 | 46.48135 | 96.56137 | 150.16996 | 110.68637 | 216.02985 |
| 82.47804 | 46.87669 | 96.60304 | 151.04047 | 110.72804 | 216.29094 |
| 82.51971 | 47.18642 | 96.64471 | 151.73576 | 110.76971 | 216.64477 |
| 82.56138 | 47.38535 | 96.68637 | 152.37143 | 110.81137 | 216.99026 |
| 82.60304 | 47.56660 | 96.72804 | 153.06945 | 110.85304 | 217.32422 |
| 82.64471 | 47.71813 | 96.76971 | 153.62234 | 110.89471 | 217.63654 |
| 82.68637 | 47.90698 | 96.81137 | 154.21896 | 110.93637 | 217.95633 |
| 82.72804 | 48.20725 | 96.85304 | 154.74531 | 110.97804 | 218.25730 |
| 82.76971 | 48.64716 | 96.89471 | 155.29613 | 111.01971 | 218.64006 |
| 82.81137 | 49.28866 | 96.93637 | 155.81250 | 111.06137 | 218.99320 |
| 82.85304 | 49.89343 | 96.97804 | 156.37454 | 111.10304 | 219.38974 |
| 82.89471 | 50.41042 | 97.01971 | 156.89390 | 111.14471 | 219.73275 |
| 82.93637 | 50.77617 | 97.06137 | 157.44609 | 111.18637 | 220.08369 |
| 82.97804 | 50.83849 | 97.10304 | 157.96375 | 111.22804 | 220.37533 |
| 83.01971 | 50.87890 | 97.14471 | 158.43310 | 111.26971 | 220.59011 |
| 83.06137 | 50.84293 | 97.18637 | 158.86913 | 111.31137 | 220.83107 |
| 83.10304 | 50.79310 | 97.22804 | 159.24994 | 111.35304 | 221.07121 |
| 83.14471 | 50.84850 | 97.26971 | 159.69268 | 111.39471 | 221.22569 |
| 83.18637 | 50.83696 | 97.31137 | 160.02734 | 111.43637 | 221.43049 |

| | | | | | |
|---|---|---|---|---|---|
| 83.22804 | 50.83271 | 97.35304 | 160.36368 | 111.47804 | 221.61458 |
| 83.26971 | 51.02097 | 97.39471 | 160.62382 | 111.51971 | 221.73364 |
| 83.31137 | 51.49542 | 97.43637 | 160.87509 | 111.56137 | 221.88467 |
| 83.35304 | 52.14685 | 97.47804 | 161.12123 | 111.60304 | 222.10191 |
| 83.39471 | 52.89056 | 97.51971 | 161.35676 | 111.64471 | 222.19048 |
| 83.43637 | 53.75629 | 97.56137 | 161.53156 | 111.68637 | 222.39849 |
| 83.47804 | 54.56123 | 97.60304 | 161.75031 | 111.72804 | 222.55584 |
| 83.51971 | 55.35319 | 97.64471 | 161.95383 | 111.76971 | 222.77194 |
| 83.56137 | 56.00691 | 97.68637 | 162.04617 | 111.81137 | 223.00290 |
| 83.60304 | 56.52200 | 97.72804 | 162.11355 | 111.85304 | 223.08587 |
| 83.64471 | 56.76523 | 97.76971 | 162.21171 | 111.89471 | 223.33299 |
| 83.68637 | 56.83164 | 97.81137 | 162.24287 | 111.93637 | 223.55052 |
| 83.72804 | 56.84624 | 97.85304 | 162.25534 | 111.97804 | 223.88315 |
| 83.76971 | 56.77783 | 97.89471 | 162.19602 | 112.01971 | 224.24059 |
| 83.81137 | 56.81081 | 97.93637 | 162.08165 | 112.06137 | 224.76139 |
| 83.85304 | 56.83177 | 97.97804 | 161.97527 | 112.10304 | 225.15193 |
| 83.89471 | 57.07145 | 98.01971 | 161.89912 | 112.14471 | 225.64352 |
| 83.93637 | 57.41720 | 98.06137 | 161.78210 | 112.18637 | 226.07157 |
| 83.97804 | 57.75379 | 98.10304 | 161.76395 | 112.22804 | 226.47626 |
| 84.01971 | 58.08788 | 98.14471 | 161.82737 | 112.26971 | 226.80782 |
| 84.06137 | 58.37261 | 98.18637 | 161.82558 | 112.31137 | 227.03334 |
| 84.10304 | 58.62122 | 98.22804 | 161.80350 | 112.35304 | 227.22584 |
| 84.14471 | 58.83558 | 98.26971 | 161.81564 | 112.39471 | 227.41197 |
| 84.18637 | 59.06755 | 98.31137 | 161.81845 | 112.43637 | 227.59415 |
| 84.22804 | 59.30142 | 98.35304 | 161.86242 | 112.47804 | 227.75207 |
| 84.26971 | 59.61076 | 98.39471 | 161.80057 | 112.51971 | 227.87497 |
| 84.31137 | 59.91414 | 98.43637 | 161.79895 | 112.56137 | 227.97272 |
| 84.35304 | 60.33238 | 98.47804 | 161.75932 | 112.60304 | 228.11499 |
| 84.39471 | 61.02769 | 98.51971 | 161.85538 | 112.64471 | 228.22356 |
| 84.43637 | 62.18411 | 98.56137 | 161.95351 | 112.68637 | 228.25531 |
| 84.47804 | 63.38539 | 98.60304 | 162.10818 | 112.72804 | 228.33978 |
| 84.51971 | 64.03776 | 98.64471 | 162.32563 | 112.76971 | 228.38207 |
| 84.56137 | 64.15130 | 98.68637 | 162.53296 | 112.81137 | 228.49746 |
| 84.60304 | 64.11279 | 98.72804 | 162.79242 | 112.85304 | 228.54093 |
| 84.64471 | 64.14375 | 98.76971 | 163.04774 | 112.89471 | 228.57490 |
| 84.68637 | 64.15549 | 98.81137 | 163.26869 | 112.93637 | 228.61893 |
| 84.72804 | 64.13693 | 98.85304 | 163.42976 | 112.97804 | 228.68463 |
| 84.76971 | 64.13065 | 98.89471 | 163.54254 | 113.01971 | 228.77762 |
| 84.81137 | 64.13355 | 98.93637 | 163.58065 | 113.06137 | 228.79372 |
| 84.85304 | 64.14085 | 98.97804 | 163.62851 | 113.10304 | 228.85145 |
| 84.89471 | 64.17736 | 99.01971 | 163.49491 | 113.14471 | 228.90292 |
| 84.93637 | 64.12143 | 99.06137 | 163.37668 | 113.18637 | 228.92809 |
| 84.97804 | 64.22388 | 99.10304 | 163.15026 | 113.22804 | 228.95334 |
| 85.01971 | 64.36754 | 99.14471 | 162.94914 | 113.26971 | 229.00540 |
| 85.06137 | 64.50612 | 99.18637 | 162.74969 | 113.31137 | 229.03247 |
| 85.10304 | 64.68871 | 99.22804 | 162.55704 | 113.35304 | 229.07593 |
| 85.14471 | 64.94912 | 99.26971 | 162.42019 | 113.39471 | 229.08693 |

| | | | | | |
|---|---|---|---|---|---|
| 85.18637 | 65.12049 | 99.31137 | 162.29532 | 113.43637 | 229.15312 |
| 85.22804 | 65.50827 | 99.35304 | 162.26490 | 113.47804 | 229.12889 |
| 85.26971 | 65.90485 | 99.39471 | 162.47257 | 113.51971 | 229.14393 |
| 85.31137 | 66.39197 | 99.43637 | 162.88905 | 113.56137 | 229.18144 |
| 85.35304 | 66.79561 | 99.47804 | 163.55199 | 113.60304 | 229.22152 |
| 85.39471 | 67.22865 | 99.51971 | 164.16138 | 113.64471 | 229.18412 |
| 85.43637 | 67.60098 | 99.56137 | 164.72557 | 113.68637 | 229.21757 |
| 85.47804 | 67.97381 | 99.60304 | 165.18051 | 113.72804 | 229.20010 |
| 85.51971 | 68.34319 | 99.64471 | 165.44193 | 113.76971 | 229.15587 |
| 85.56137 | 68.72355 | 99.68637 | 165.69976 | 113.81137 | 229.19141 |
| 85.60304 | 69.12747 | 99.72804 | 165.90443 | 113.85304 | 229.18090 |
| 85.64471 | 69.44821 | 99.76971 | 166.20205 | 113.89471 | 229.20994 |
| 85.68637 | 69.81822 | 99.81137 | 166.44359 | 113.93637 | 229.16209 |
| 85.72804 | 70.12671 | 99.85304 | 166.78916 | 113.97804 | 229.19320 |
| 85.76971 | 70.41441 | 99.89471 | 167.43437 | 114.01971 | 229.20067 |
| 85.81137 | 70.63934 | 99.93637 | 168.23420 | 114.06137 | 229.16494 |
| 85.85304 | 70.91874 | 99.97804 | 169.14006 | 114.10304 | 229.31342 |
| 85.89471 | 71.07466 | 100.01971 | 170.01046 | 114.14471 | 229.78925 |
| 85.93637 | 71.26079 | 100.06137 | 170.72577 | 114.18637 | 230.42874 |
| 85.97804 | 71.36480 | 100.10304 | 171.01390 | 114.22804 | 231.16911 |
| 86.01971 | 71.49486 | 100.14471 | 171.20077 | 114.26971 | 231.88106 |
| 86.06137 | 71.59542 | 100.18637 | 171.32257 | 114.31137 | 232.45959 |
| 86.10304 | 71.71993 | 100.22804 | 171.40627 | 114.35304 | 232.82382 |
| 86.14471 | 71.96670 | 100.26971 | 171.40863 | 114.39471 | 232.87683 |
| 86.18637 | 72.27439 | 100.31137 | 171.52432 | 114.43637 | 232.86565 |
| 86.22804 | 72.63325 | 100.35304 | 171.65440 | 114.47804 | 232.85620 |
| 86.26971 | 73.21667 | 100.39471 | 171.73835 | 114.51971 | 232.85528 |
| 86.31137 | 73.81901 | 100.43637 | 171.95014 | 114.56137 | 232.90727 |
| 86.35304 | 74.49655 | 100.47804 | 172.25951 | 114.60304 | 232.84517 |
| 86.39471 | 75.18470 | 100.51971 | 172.79701 | 114.64471 | 232.85671 |
| 86.43637 | 75.83148 | 100.56137 | 173.37002 | 114.68637 | 232.88143 |
| 86.47804 | 76.44364 | 100.60304 | 174.07769 | 114.72804 | 232.84328 |
| 86.51971 | 76.99347 | 100.64471 | 174.79456 | 114.76971 | 232.86031 |
| 86.56137 | 77.47307 | 100.68637 | 175.63162 | 114.81137 | 232.89272 |
| 86.60304 | 78.08680 | 100.72804 | 176.80071 | 114.85304 | 232.85631 |
| 86.64471 | 79.62573 | 100.76971 | 177.99916 | 114.89471 | 232.86994 |
| 86.68637 | 81.17571 | 100.81137 | 179.06033 | 114.93637 | 232.84604 |
| 86.72804 | 82.15089 | 100.85304 | 179.59346 | 114.97804 | 232.84423 |
| 86.76971 | 83.04106 | 100.89471 | 179.66198 | 115.01971 | 232.87845 |
| 86.81137 | 83.74165 | 100.93637 | 179.51591 | 115.06137 | 232.87104 |
| 86.85304 | 84.32027 | 100.97804 | 179.34378 | 115.10304 | 232.82989 |
| 86.89471 | 84.87917 | 101.01971 | 179.15901 | 115.14471 | 232.86940 |
| 86.93637 | 85.36744 | 101.06137 | 178.82415 | 115.18637 | 232.88122 |
| 86.97804 | 85.64387 | 101.10304 | 178.52598 | 115.22804 | 232.88394 |
| 87.01971 | 85.76597 | 101.14471 | 178.20448 | 115.26971 | 232.86235 |
| 87.06137 | 85.82026 | 101.18637 | 177.95186 | 115.31137 | 232.90007 |
| 87.10304 | 85.87923 | 101.22804 | 177.64125 | 115.35304 | 232.86171 |

| | | | | | |
|---|---|---|---|---|---|
| 87.14471 | 85.89350 | 101.26971 | 177.32870 | 115.39471 | 232.89513 |
| 87.18637 | 85.92735 | 101.31137 | 177.13385 | 115.43637 | 232.87757 |
| 87.22804 | 85.97610 | 101.35304 | 176.95437 | 115.47804 | 232.86631 |
| 87.26971 | 85.99341 | 101.39471 | 176.92527 | 115.51970 | 233.07044 |
| 87.31137 | 86.06379 | 101.43637 | 177.07605 | 115.56138 | 233.30434 |
| 87.35304 | 86.13701 | 101.47804 | 177.57486 | 115.60301 | 233.62198 |
| 87.39471 | 86.35128 | 101.51971 | 178.37476 | 115.64484 | 234.02451 |
| 87.43637 | 86.84456 | 101.56137 | 179.41273 | 115.68575 | 234.46910 |
| 87.47804 | 87.42030 | 101.60304 | 180.58518 | 115.72954 | 234.98642 |
| 87.51971 | 88.48606 | 101.64471 | 181.91710 | 115.74610 | 235.24655 |
| 87.56137 | 89.47979 | 101.68637 | 183.23791 | | |

SeDep7

| Julian Date | Mass | Julian Date | Mass | Julian Date | Mass |
|---|---|---|---|---|---|
| 73.43300 | 5.76240 | 85.72438 | 74.40097 | 98.01605 | 188.33303 |
| 73.47487 | 5.39151 | 85.76605 | 74.42073 | 98.05772 | 189.24190 |
| 73.51595 | 5.52552 | 85.80772 | 74.46858 | 98.09938 | 190.25328 |
| 73.55775 | 5.63847 | 85.84938 | 74.46429 | 98.14105 | 191.26199 |
| 73.59938 | 5.70010 | 85.89105 | 74.52231 | 98.18272 | 192.29741 |
| 73.64105 | 5.75133 | 85.93272 | 74.61126 | 98.22438 | 193.46023 |
| 73.68272 | 5.84320 | 85.97438 | 74.58084 | 98.26605 | 194.60601 |
| 73.72438 | 5.92316 | 86.01605 | 74.63080 | 98.30772 | 195.69753 |
| 73.76605 | 6.01665 | 86.05772 | 74.69673 | 98.34938 | 196.80076 |
| 73.80772 | 6.09261 | 86.09938 | 74.74014 | 98.39105 | 198.03200 |
| 73.84938 | 6.17087 | 86.14105 | 74.74272 | 98.43272 | 199.37989 |
| 73.89105 | 6.26816 | 86.18272 | 74.78651 | 98.47438 | 200.76562 |
| 73.93272 | 6.30450 | 86.22438 | 74.83827 | 98.51605 | 202.04564 |
| 73.97438 | 6.45154 | 86.26605 | 74.87685 | 98.55772 | 203.11643 |
| 74.01605 | 6.48785 | 86.30772 | 74.92047 | 98.59938 | 203.81502 |
| 74.05772 | 6.60311 | 86.34938 | 74.94568 | 98.64105 | 204.24557 |
| 74.09938 | 6.67646 | 86.39105 | 75.03872 | 98.68272 | 204.47713 |
| 74.14105 | 6.81078 | 86.43272 | 75.02376 | 98.72438 | 204.72651 |
| 74.18272 | 6.88502 | 86.47438 | 75.14954 | 98.76605 | 204.92627 |
| 74.22438 | 6.96639 | 86.51605 | 75.22621 | 98.80772 | 205.07318 |
| 74.26605 | 7.09533 | 86.55772 | 75.32434 | 98.84938 | 205.12731 |
| 74.30772 | 7.16604 | 86.59938 | 75.44228 | 98.89105 | 205.27836 |
| 74.34938 | 7.26041 | 86.64105 | 75.64896 | 98.93272 | 205.32928 |
| 74.39105 | 7.35592 | 86.68272 | 75.81922 | 98.97438 | 205.48566 |
| 74.43272 | 7.44108 | 86.72438 | 75.97736 | 99.01605 | 205.68024 |
| 74.47438 | 7.54053 | 86.76605 | 76.11865 | 99.05772 | 205.92190 |
| 74.51605 | 7.60380 | 86.80772 | 76.37600 | 99.09938 | 206.24356 |
| 74.55772 | 7.67730 | 86.84938 | 76.55358 | 99.14105 | 206.63755 |
| 74.59938 | 7.76599 | 86.89105 | 76.74573 | 99.18272 | 208.14210 |
| 74.64105 | 7.77500 | 86.93272 | 76.84222 | 99.22438 | 211.45043 |
| 74.68272 | 7.86758 | 86.97438 | 76.95256 | 99.26605 | 214.30554 |
| 74.72438 | 7.94840 | 87.01605 | 77.05047 | 99.30772 | 215.32143 |
| 74.76605 | 7.97499 | 87.05772 | 77.14497 | 99.34938 | 215.83831 |
| 74.80772 | 7.96353 | 87.09938 | 77.23449 | 99.39105 | 216.27462 |
| 74.84938 | 8.02850 | 87.14105 | 77.25856 | 99.43272 | 216.57765 |
| 74.89105 | 8.04239 | 87.18272 | 77.36577 | 99.47438 | 216.81106 |
| 74.93272 | 8.05456 | 87.22438 | 77.37388 | 99.51605 | 217.08021 |
| 74.97438 | 8.10872 | 87.26605 | 77.45096 | 99.55772 | 217.26548 |
| 75.01605 | 8.16698 | 87.30772 | 77.43819 | 99.59938 | 217.49136 |
| 75.05772 | 8.20177 | 87.34938 | 77.51391 | 99.64105 | 217.67841 |
| 75.09938 | 8.24337 | 87.39105 | 77.54555 | 99.68272 | 217.89770 |
| 75.14105 | 8.28607 | 87.43272 | 77.62627 | 99.72438 | 218.04895 |
| 75.18272 | 8.37182 | 87.47438 | 77.61858 | 99.76605 | 218.23081 |
| 75.22438 | 8.50711 | 87.51605 | 77.69212 | 99.80772 | 218.38473 |
| 75.26605 | 8.58535 | 87.55772 | 77.73189 | 99.84938 | 218.45557 |
| 75.30772 | 8.72810 | 87.59938 | 77.76382 | 99.89105 | 218.60566 |

| | | | | | |
|---|---|---|---|---|---|
| 75.34938 | 9.41953 | 87.64105 | 77.85631 | 99.93272 | 218.72871 |
| 75.39105 | 10.50940 | 87.68272 | 77.88832 | 99.97438 | 218.86189 |
| 75.43272 | 11.41547 | 87.72438 | 77.97285 | 100.01605 | 219.04650 |
| 75.47438 | 12.00599 | 87.76605 | 78.07308 | 100.05772 | 219.22884 |
| 75.51605 | 12.42638 | 87.80772 | 78.15018 | 100.09938 | 219.42681 |
| 75.55772 | 12.82205 | 87.84938 | 78.21397 | 100.14105 | 219.70710 |
| 75.59938 | 13.17653 | 87.89105 | 78.34360 | 100.18272 | 220.17181 |
| 75.64105 | 13.54318 | 87.93272 | 78.53820 | 100.22438 | 220.74630 |
| 75.68272 | 13.76049 | 87.97438 | 78.72192 | 100.26605 | 221.47646 |
| 75.72438 | 14.00983 | 88.01605 | 79.07661 | 100.30772 | 222.17358 |
| 75.76605 | 14.28624 | 88.05772 | 79.45294 | 100.34938 | 222.86597 |
| 75.80772 | 14.54183 | 88.09938 | 79.96973 | 100.39105 | 223.51498 |
| 75.84938 | 14.76471 | 88.14105 | 80.42479 | 100.43272 | 223.95835 |
| 75.89105 | 15.02981 | 88.18272 | 80.95447 | 100.47438 | 224.27108 |
| 75.93272 | 15.31524 | 88.22438 | 81.54702 | 100.51605 | 224.48229 |
| 75.97438 | 15.63507 | 88.26605 | 82.10355 | 100.55772 | 224.69389 |
| 76.01605 | 15.93109 | 88.30772 | 82.72770 | 100.59938 | 224.82288 |
| 76.05772 | 16.28389 | 88.34938 | 83.30087 | 100.64105 | 224.96522 |
| 76.09938 | 16.63690 | 88.39105 | 83.88509 | 100.68272 | 225.04430 |
| 76.14105 | 16.99284 | 88.43272 | 84.44329 | 100.72438 | 225.07964 |
| 76.18272 | 17.31916 | 88.47438 | 84.96860 | 100.76605 | 225.04585 |
| 76.22438 | 17.66385 | 88.51605 | 85.43042 | 100.80772 | 225.05235 |
| 76.26605 | 17.96315 | 88.55772 | 85.92667 | 100.84938 | 225.06418 |
| 76.30772 | 18.12609 | 88.59938 | 86.47179 | 100.89105 | 225.06668 |
| 76.34938 | 18.32928 | 88.64105 | 86.92453 | 100.93272 | 225.08296 |
| 76.39105 | 18.53254 | 88.68272 | 87.37640 | 100.97438 | 225.09194 |
| 76.43272 | 18.62187 | 88.72438 | 87.69779 | 101.01605 | 225.08738 |
| 76.47438 | 18.72546 | 88.76605 | 88.02407 | 101.05772 | 225.08984 |
| 76.51605 | 18.86530 | 88.80772 | 88.33238 | 101.09938 | 225.13553 |
| 76.55772 | 18.95207 | 88.84938 | 88.54997 | 101.14105 | 225.09525 |
| 76.59938 | 19.00861 | 88.89105 | 88.78113 | 101.18272 | 225.04970 |
| 76.64105 | 19.16315 | 88.93272 | 89.02085 | 101.22438 | 225.20448 |
| 76.68272 | 19.27732 | 88.97438 | 89.22837 | 101.26605 | 225.85536 |
| 76.72438 | 19.34084 | 89.01605 | 89.48133 | 101.30772 | 226.75244 |
| 76.76605 | 19.51804 | 89.05772 | 89.72056 | 101.34938 | 227.60472 |
| 76.80772 | 19.69623 | 89.09938 | 89.93327 | 101.39105 | 228.22492 |
| 76.84938 | 19.90978 | 89.14105 | 90.25900 | 101.43272 | 228.40057 |
| 76.89105 | 20.15628 | 89.18272 | 90.55405 | 101.47438 | 228.56221 |
| 76.93272 | 20.52176 | 89.22438 | 90.88739 | 101.51605 | 228.69675 |
| 76.97438 | 20.88275 | 89.26605 | 91.37640 | 101.55772 | 228.83940 |
| 77.01605 | 21.25175 | 89.30772 | 91.88943 | 101.59938 | 228.89831 |
| 77.05772 | 21.59681 | 89.34938 | 92.42238 | 101.64105 | 229.00495 |
| 77.09938 | 21.96458 | 89.39105 | 92.99555 | 101.68272 | 229.03586 |
| 77.14105 | 22.18631 | 89.43272 | 93.57099 | 101.72438 | 229.15848 |
| 77.18272 | 22.45298 | 89.47438 | 94.07405 | 101.76605 | 229.20315 |
| 77.22438 | 22.61395 | 89.51605 | 94.54087 | 101.80772 | 229.28793 |
| 77.26605 | 22.80534 | 89.55772 | 95.03587 | 101.84938 | 229.35461 |

| | | | | | |
|---|---|---|---|---|---|
| 77.30772 | 22.93708 | 89.59938 | 95.40668 | 101.89105 | 229.42306 |
| 77.34938 | 23.01336 | 89.64105 | 95.72813 | 101.93272 | 229.53393 |
| 77.39105 | 23.15509 | 89.68272 | 95.98945 | 101.97438 | 229.67016 |
| 77.43272 | 23.27609 | 89.72438 | 96.32759 | 102.01605 | 229.76651 |
| 77.47438 | 23.38929 | 89.76605 | 96.62511 | 102.05772 | 229.94988 |
| 77.51605 | 23.55283 | 89.80772 | 96.93814 | 102.09938 | 230.05021 |
| 77.55772 | 23.65852 | 89.84938 | 97.36548 | 102.14105 | 230.15088 |
| 77.59938 | 23.83379 | 89.89105 | 97.82812 | 102.18272 | 230.29950 |
| 77.64105 | 24.12305 | 89.93272 | 98.38486 | 102.22438 | 230.46880 |
| 77.68272 | 24.27569 | 89.97438 | 99.24753 | 102.26605 | 230.58928 |
| 77.72438 | 24.53711 | 90.01605 | 100.76187 | 102.30772 | 230.70798 |
| 77.76605 | 24.74970 | 90.05772 | 102.54915 | 102.34938 | 230.89739 |
| 77.80772 | 24.96450 | 90.09938 | 104.20752 | 102.39105 | 231.07914 |
| 77.84938 | 25.22573 | 90.14105 | 105.31046 | 102.43272 | 231.27304 |
| 77.89105 | 25.49944 | 90.18272 | 105.92374 | 102.47438 | 231.48260 |
| 77.93272 | 25.81968 | 90.22438 | 106.44894 | 102.51605 | 231.74565 |
| 77.97438 | 26.13795 | 90.26605 | 106.86306 | 102.55772 | 231.99971 |
| 78.01605 | 26.48691 | 90.30772 | 107.21960 | 102.59938 | 232.33666 |
| 78.05772 | 26.92363 | 90.34938 | 107.54332 | 102.64105 | 232.68603 |
| 78.09938 | 27.37550 | 90.39105 | 107.80218 | 102.68272 | 233.00542 |
| 78.14105 | 27.85564 | 90.43272 | 108.13068 | 102.72438 | 233.55510 |
| 78.18272 | 28.41225 | 90.47438 | 108.44181 | 102.76605 | 234.69497 |
| 78.22438 | 29.43639 | 90.51605 | 108.78016 | 102.80772 | 236.28780 |
| 78.26605 | 30.93459 | 90.55772 | 109.21328 | 102.84938 | 237.73214 |
| 78.30772 | 32.29827 | 90.59938 | 109.78307 | 102.89105 | 238.48125 |
| 78.34938 | 32.93359 | 90.64105 | 110.49720 | 102.93272 | 238.88874 |
| 78.39105 | 32.98830 | 90.68272 | 111.29835 | 102.97438 | 239.15111 |
| 78.43272 | 32.94089 | 90.72438 | 112.20196 | 103.01605 | 239.45982 |
| 78.47438 | 32.98480 | 90.76605 | 113.04966 | 103.05772 | 239.58035 |
| 78.51605 | 32.91943 | 90.80772 | 113.91877 | 103.09938 | 239.78607 |
| 78.55772 | 32.96270 | 90.84938 | 114.58404 | 103.14105 | 239.99933 |
| 78.59938 | 32.99402 | 90.89105 | 115.08894 | 103.18272 | 240.20365 |
| 78.64105 | 32.93750 | 90.93272 | 115.62759 | 103.22438 | 240.49756 |
| 78.68272 | 32.96699 | 90.97438 | 116.12942 | 103.26605 | 240.78530 |
| 78.72438 | 32.92310 | 91.01605 | 116.58990 | 103.30772 | 241.13601 |
| 78.76605 | 32.96335 | 91.05772 | 117.03616 | 103.34938 | 241.44820 |
| 78.80772 | 32.94326 | 91.09938 | 117.45009 | 103.39105 | 241.76691 |
| 78.84938 | 32.92789 | 91.14105 | 117.86900 | 103.43272 | 241.90507 |
| 78.89105 | 33.00027 | 91.18272 | 118.28253 | 103.47438 | 242.01490 |
| 78.93272 | 33.14411 | 91.22438 | 118.61089 | 103.51605 | 241.74417 |
| 78.97438 | 33.50729 | 91.26605 | 118.97772 | 103.55772 | 240.96718 |
| 79.01605 | 33.96578 | 91.30772 | 119.30712 | 103.59938 | 239.95758 |
| 79.05772 | 34.40554 | 91.34938 | 119.69682 | 103.64105 | 239.32155 |
| 79.09938 | 34.68617 | 91.39105 | 120.06511 | 103.68272 | 239.64823 |
| 79.14105 | 34.83373 | 91.43272 | 120.44936 | 103.72438 | 241.10732 |
| 79.18272 | 34.84674 | 91.47438 | 120.92697 | 103.76605 | 243.00044 |
| 79.22438 | 34.89426 | 91.51605 | 121.41147 | 103.80772 | 244.76392 |

| | | | | | |
|---|---|---|---|---|---|
| 79.26605 | 34.91508 | 91.55772 | 121.94866 | 103.84938 | 245.63680 |
| 79.30772 | 34.94377 | 91.59938 | 122.73421 | 103.89105 | 245.80009 |
| 79.34938 | 34.97469 | 91.64105 | 123.60670 | 103.93272 | 245.88457 |
| 79.39105 | 35.01696 | 91.68272 | 124.47135 | 103.97438 | 245.88593 |
| 79.43272 | 35.03469 | 91.72438 | 125.13606 | 104.01605 | 245.95543 |
| 79.47438 | 35.01618 | 91.76605 | 125.57414 | 104.05772 | 245.98179 |
| 79.51605 | 35.04221 | 91.80772 | 125.83912 | 104.09938 | 246.17560 |
| 79.55772 | 35.05828 | 91.84938 | 126.11192 | 104.14105 | 246.29163 |
| 79.59938 | 35.09544 | 91.89105 | 126.33332 | 104.18272 | 246.76655 |
| 79.64105 | 35.11341 | 91.93272 | 126.58482 | 104.22438 | 247.47119 |
| 79.68272 | 35.16566 | 91.97438 | 126.90063 | 104.26605 | 248.41243 |
| 79.72438 | 35.12576 | 92.01605 | 127.30941 | 104.30772 | 249.36640 |
| 79.76605 | 35.16043 | 92.05772 | 127.95917 | 104.34938 | 250.32846 |
| 79.80772 | 35.20140 | 92.09938 | 128.95385 | 104.39105 | 251.20440 |
| 79.84938 | 35.25491 | 92.14105 | 130.28625 | 104.43272 | 251.90912 |
| 79.89105 | 35.46859 | 92.18272 | 131.69991 | 104.47438 | 252.23381 |
| 79.93272 | 35.67751 | 92.22438 | 133.18214 | 104.51605 | 252.46481 |
| 79.97438 | 35.95606 | 92.26605 | 134.59950 | 104.55772 | 252.73554 |
| 80.01605 | 36.26767 | 92.30772 | 135.65572 | 104.59938 | 252.97566 |
| 80.05772 | 36.59903 | 92.34938 | 136.51811 | 104.64105 | 253.22101 |
| 80.09938 | 36.96638 | 92.39105 | 137.22915 | 104.68272 | 253.47822 |
| 80.14105 | 37.23358 | 92.43272 | 137.91613 | 104.72438 | 253.66361 |
| 80.18272 | 37.48857 | 92.47438 | 138.61212 | 104.76605 | 253.86930 |
| 80.22438 | 37.65318 | 92.51605 | 139.23061 | 104.80772 | 254.03480 |
| 80.26605 | 37.81632 | 92.55772 | 139.82828 | 104.84938 | 254.21021 |
| 80.30772 | 37.94763 | 92.59938 | 140.35799 | 104.89105 | 254.35642 |
| 80.34938 | 38.02603 | 92.64105 | 140.79366 | 104.93272 | 254.45056 |
| 80.39105 | 38.15675 | 92.68272 | 141.17615 | 104.97438 | 254.64734 |
| 80.43272 | 38.23026 | 92.72438 | 141.44350 | 105.01605 | 254.68154 |
| 80.47438 | 38.39951 | 92.76605 | 141.61975 | 105.05772 | 254.75027 |
| 80.51605 | 38.52678 | 92.80772 | 141.72464 | 105.09938 | 254.84035 |
| 80.55772 | 38.66975 | 92.84938 | 141.81090 | 105.14105 | 254.85353 |
| 80.59938 | 38.73608 | 92.89105 | 141.88220 | 105.18272 | 254.85169 |
| 80.64105 | 38.95244 | 92.93272 | 141.93717 | 105.22438 | 254.87863 |
| 80.68272 | 39.13819 | 92.97438 | 141.96573 | 105.26605 | 254.84292 |
| 80.72438 | 39.36427 | 93.01605 | 142.15949 | 105.30772 | 254.78237 |
| 80.76605 | 39.55294 | 93.05772 | 142.35190 | 105.34938 | 254.71948 |
| 80.80772 | 39.79841 | 93.09938 | 142.66894 | 105.39105 | 254.66867 |
| 80.84938 | 40.09558 | 93.14105 | 142.98253 | 105.43272 | 254.57639 |
| 80.89105 | 40.36442 | 93.18272 | 143.39475 | 105.47438 | 254.42813 |
| 80.93272 | 40.65628 | 93.22438 | 143.86392 | 105.51605 | 254.35238 |
| 80.97438 | 40.92159 | 93.26605 | 144.33219 | 105.55772 | 254.23435 |
| 81.01605 | 41.22270 | 93.30772 | 145.01974 | 105.59938 | 254.07509 |
| 81.05772 | 41.52008 | 93.34938 | 146.02432 | 105.64105 | 253.95218 |
| 81.09938 | 41.88577 | 93.39105 | 147.07005 | 105.68272 | 253.80585 |
| 81.14105 | 42.13321 | 93.43272 | 148.04200 | 105.72438 | 253.67645 |
| 81.18272 | 42.44749 | 93.47438 | 148.76996 | 105.76605 | 253.58279 |

| | | | | | |
|---|---|---|---|---|---|
| 81.22438 | 42.74085 | 93.51605 | 148.97787 | 105.80772 | 253.46997 |
| 81.26605 | 43.01526 | 93.55772 | 149.05339 | 105.84938 | 253.34756 |
| 81.30772 | 43.22281 | 93.59938 | 149.13521 | 105.89105 | 253.23674 |
| 81.34938 | 43.49156 | 93.64105 | 149.15243 | 105.93272 | 253.15086 |
| 81.39105 | 43.76961 | 93.68272 | 149.17961 | 105.97438 | 253.13367 |
| 81.43272 | 44.00098 | 93.72438 | 149.14787 | 106.01605 | 253.09880 |
| 81.47438 | 44.18046 | 93.76605 | 149.19375 | 106.05772 | 253.08341 |
| 81.51605 | 44.49173 | 93.80772 | 149.19275 | 106.09938 | 253.04296 |
| 81.55772 | 44.76194 | 93.84938 | 149.21403 | 106.14105 | 253.05142 |
| 81.59938 | 45.02471 | 93.89105 | 149.27857 | 106.18272 | 253.11021 |
| 81.64105 | 45.33932 | 93.93272 | 149.38062 | 106.22438 | 253.16961 |
| 81.68272 | 45.67358 | 93.97438 | 149.43180 | 106.26605 | 253.28832 |
| 81.72438 | 46.02626 | 94.01605 | 149.69895 | 106.30772 | 253.38461 |
| 81.76605 | 46.43443 | 94.05772 | 150.16475 | 106.34938 | 253.49455 |
| 81.80772 | 46.84328 | 94.09938 | 150.85124 | 106.39105 | 253.65197 |
| 81.84938 | 47.30201 | 94.14105 | 151.63308 | 106.43272 | 253.82672 |
| 81.89105 | 47.73371 | 94.18272 | 152.28277 | 106.47438 | 253.98778 |
| 81.93272 | 48.23632 | 94.22438 | 152.77326 | 106.51605 | 254.20398 |
| 81.97438 | 48.69987 | 94.26605 | 153.17357 | 106.55772 | 254.36234 |
| 82.01605 | 49.17504 | 94.30772 | 153.58013 | 106.59938 | 254.61157 |
| 82.05772 | 49.64151 | 94.34938 | 153.90670 | 106.64105 | 254.79680 |
| 82.09938 | 50.12407 | 94.39105 | 154.29774 | 106.68272 | 255.00078 |
| 82.14105 | 50.54318 | 94.43272 | 154.72832 | 106.72438 | 255.24863 |
| 82.18272 | 50.96821 | 94.47438 | 155.03098 | 106.76605 | 255.50385 |
| 82.22438 | 51.37222 | 94.51605 | 155.05876 | 106.80772 | 255.75874 |
| 82.26605 | 51.84885 | 94.55772 | 148.09597 | 106.84938 | 256.00034 |
| 82.30772 | 52.31750 | 94.59938 | 144.74590 | 106.89105 | 256.27644 |
| 82.34938 | 52.73364 | 94.64105 | 144.90447 | 106.93272 | 256.51029 |
| 82.39105 | 53.25265 | 94.68272 | 144.81573 | 106.97438 | 256.80975 |
| 82.43272 | 53.65236 | 94.72438 | 144.81317 | 107.01605 | 257.03973 |
| 82.47438 | 54.05232 | 94.76605 | 144.89948 | 107.05772 | 257.32609 |
| 82.51605 | 54.34578 | 94.80772 | 145.40400 | 107.09938 | 257.53060 |
| 82.55772 | 54.49816 | 94.84938 | 146.21826 | 107.14105 | 257.80314 |
| 82.59938 | 54.53340 | 94.89105 | 147.34912 | 107.18272 | 258.11116 |
| 82.64105 | 54.50564 | 94.93272 | 148.77820 | 107.22438 | 258.49349 |
| 82.68272 | 54.49232 | 94.97438 | 151.53702 | 107.26605 | 258.88163 |
| 82.72438 | 54.47976 | 95.01605 | 155.10255 | 107.30772 | 259.24379 |
| 82.76605 | 54.50088 | 95.05772 | 158.48219 | 107.34938 | 259.63105 |
| 82.80772 | 54.53549 | 95.09938 | 160.57563 | 107.39105 | 259.98324 |
| 82.84938 | 54.55494 | 95.14105 | 160.61100 | 107.43272 | 260.27648 |
| 82.89105 | 54.50546 | 95.18272 | 159.47659 | 107.47438 | 260.55515 |
| 82.93272 | 54.51917 | 95.22438 | 157.66395 | 107.51605 | 260.79521 |
| 82.97438 | 54.51996 | 95.26605 | 155.91135 | 107.55772 | 261.02609 |
| 83.01605 | 54.51448 | 95.30772 | 154.63971 | 107.59938 | 261.25119 |
| 83.05772 | 54.46600 | 95.34938 | 154.09109 | 107.64105 | 261.49526 |
| 83.09938 | 54.47777 | 95.39105 | 153.67357 | 107.68272 | 261.79404 |
| 83.14105 | 54.49944 | 95.43272 | 153.35189 | 107.72438 | 261.94003 |

| | | | | | |
|---|---|---|---|---|---|
| 83.18272 | 54.50352 | 95.47438 | 152.98682 | 107.76605 | 262.18419 |
| 83.22438 | 54.49764 | 95.51605 | 152.80325 | 107.80772 | 262.31927 |
| 83.26605 | 54.50173 | 95.55772 | 152.65628 | 107.84938 | 262.44369 |
| 83.30772 | 54.66262 | 95.59938 | 152.77197 | 107.89105 | 262.52855 |
| 83.34938 | 54.87699 | 95.64105 | 153.66572 | 107.93272 | 262.63942 |
| 83.39105 | 55.03290 | 95.68272 | 155.33583 | 107.97438 | 262.65911 |
| 83.43272 | 55.29705 | 95.72438 | 157.24081 | 108.01605 | 262.64604 |
| 83.47438 | 55.58049 | 95.76605 | 158.88835 | 108.05772 | 262.69219 |
| 83.51605 | 55.89038 | 95.80772 | 159.85272 | 108.09938 | 262.65313 |
| 83.55772 | 56.19102 | 95.84938 | 160.47342 | 108.14105 | 262.65456 |
| 83.59938 | 56.52746 | 95.89105 | 160.95542 | 108.18272 | 262.67353 |
| 83.64105 | 56.83349 | 95.93272 | 161.35040 | 108.22438 | 262.66867 |
| 83.68272 | 57.11652 | 95.97438 | 161.74373 | 108.26605 | 262.67015 |
| 83.72438 | 57.37148 | 96.01605 | 162.13726 | 108.30772 | 262.69457 |
| 83.76605 | 57.60548 | 96.05772 | 162.63715 | 108.34938 | 262.62722 |
| 83.80772 | 57.77280 | 96.09938 | 163.20260 | 108.39105 | 262.66760 |
| 83.84938 | 57.94983 | 96.14105 | 163.99587 | 108.43272 | 262.66067 |
| 83.89105 | 58.05246 | 96.18272 | 165.21044 | 108.47438 | 262.66051 |
| 83.93272 | 58.16707 | 96.22438 | 166.78147 | 108.51605 | 262.70005 |
| 83.97438 | 58.27119 | 96.26605 | 168.42446 | 108.55772 | 262.68756 |
| 84.01605 | 58.38930 | 96.30772 | 169.87982 | 108.59938 | 262.65607 |
| 84.05772 | 58.51319 | 96.34938 | 170.80763 | 108.64105 | 262.69056 |
| 84.09938 | 58.58147 | 96.39105 | 171.27954 | 108.68272 | 262.65349 |
| 84.14105 | 58.73007 | 96.43272 | 171.60496 | 108.72438 | 262.59807 |
| 84.18272 | 58.88223 | 96.47438 | 171.82075 | 108.76605 | 262.45801 |
| 84.22438 | 59.08086 | 96.51605 | 172.08117 | 108.80772 | 262.41496 |
| 84.26605 | 59.28487 | 96.55772 | 172.20686 | 108.84938 | 262.27378 |
| 84.30772 | 59.51973 | 96.59938 | 172.38939 | 108.89105 | 262.12632 |
| 84.34938 | 59.74086 | 96.64105 | 172.58239 | 108.93272 | 262.02416 |
| 84.39105 | 60.12429 | 96.68272 | 172.77303 | 108.97438 | 261.92157 |
| 84.43272 | 60.46360 | 96.72438 | 172.99078 | 109.01605 | 261.84979 |
| 84.47438 | 60.89092 | 96.76605 | 173.28737 | 109.05772 | 261.80158 |
| 84.51605 | 61.27148 | 96.80772 | 173.57714 | 109.09938 | 261.72481 |
| 84.55772 | 61.78855 | 96.84938 | 174.00258 | 109.14105 | 261.80720 |
| 84.59938 | 62.24947 | 96.89105 | 174.40098 | 109.18272 | 261.80105 |
| 84.64105 | 62.88668 | 96.93272 | 174.82833 | 109.22438 | 261.85889 |
| 84.68272 | 63.63845 | 96.97438 | 175.24872 | 109.26605 | 261.89853 |
| 84.72438 | 64.46208 | 97.01605 | 175.70851 | 109.30772 | 261.96768 |
| 84.76605 | 65.38096 | 97.05772 | 176.09917 | 109.34938 | 262.03196 |
| 84.80772 | 66.26677 | 97.09938 | 176.59312 | 109.39105 | 262.13779 |
| 84.84938 | 67.22992 | 97.14105 | 177.01672 | 109.43272 | 262.27203 |
| 84.89105 | 68.39362 | 97.18272 | 177.38094 | 109.47438 | 262.33613 |
| 84.93272 | 69.60940 | 97.22438 | 177.77179 | 109.51605 | 262.47409 |
| 84.97438 | 70.79267 | 97.26605 | 178.11645 | 109.55772 | 262.62690 |
| 85.01605 | 71.67264 | 97.30772 | 178.41702 | 109.59938 | 262.83447 |
| 85.05772 | 72.08261 | 97.34938 | 178.78125 | 109.64105 | 263.05350 |
| 85.09938 | 72.34769 | 97.39105 | 179.14964 | 109.68272 | 263.34386 |

| | | | | | |
|---|---|---|---|---|---|
| 85.14105 | 72.61293 | 97.43272 | 179.51411 | 109.72438 | 263.61400 |
| 85.18272 | 72.87618 | 97.47438 | 179.89436 | 109.76605 | 263.90150 |
| 85.22438 | 73.09999 | 97.51605 | 180.31379 | 109.80772 | 264.21257 |
| 85.26605 | 73.24093 | 97.55772 | 180.66993 | 109.84938 | 264.52640 |
| 85.30772 | 73.36478 | 97.59938 | 181.15208 | 109.89105 | 264.83242 |
| 85.34938 | 73.51232 | 97.64105 | 181.61570 | 109.93272 | 265.11772 |
| 85.39105 | 73.68755 | 97.68272 | 182.14722 | 109.97438 | 265.44584 |
| 85.43272 | 73.78306 | 97.72438 | 182.69606 | 110.01605 | 265.74646 |
| 85.47438 | 73.86562 | 97.76605 | 183.33009 | 110.05772 | 266.06947 |
| 85.51605 | 73.99905 | 97.80772 | 184.12114 | 110.09938 | 266.34670 |
| 85.55772 | 74.04968 | 97.84938 | 184.85929 | 110.14105 | 266.62947 |
| 85.59938 | 74.16309 | 97.89105 | 185.71347 | 110.18272 | 266.76342 |
| 85.64105 | 74.20490 | 97.93272 | 186.53574 | 110.22438 | 267.89028 |
| 85.68272 | 74.32427 | 97.97438 | 187.41806 | | |

SeDep8

| Julian Date | Mass | Julian Date | Mass | Julian Date | Mass |
|---|---|---|---|---|---|
| 73.49361 | 1.13388 | 87.66010 | 54.96993 | 101.78510 | 145.73531 |
| 73.53509 | 1.31588 | 87.70177 | 55.21959 | 101.82677 | 145.77547 |
| 73.57678 | 1.44153 | 87.74344 | 55.46143 | 101.86843 | 145.73254 |
| 73.61843 | 1.59528 | 87.78510 | 55.66215 | 101.91010 | 145.75176 |
| 73.66010 | 1.72375 | 87.82677 | 55.86646 | 101.95177 | 145.74295 |
| 73.70177 | 1.83347 | 87.86843 | 56.17430 | 101.99343 | 145.72169 |
| 73.74344 | 1.91624 | 87.91010 | 56.53359 | 102.03510 | 145.74168 |
| 73.78510 | 2.01811 | 87.95177 | 56.89520 | 102.07677 | 145.76014 |
| 73.82677 | 2.07548 | 87.99343 | 57.25047 | 102.11843 | 145.77197 |
| 73.86844 | 2.15482 | 88.03510 | 57.57256 | 102.16010 | 145.79171 |
| 73.91010 | 2.20884 | 88.07677 | 57.68147 | 102.20177 | 145.82034 |
| 73.95177 | 2.25701 | 88.11843 | 57.69938 | 102.24343 | 145.87844 |
| 73.99344 | 2.23941 | 88.16010 | 57.68018 | 102.28510 | 145.88458 |
| 74.03510 | 2.23226 | 88.20177 | 57.76907 | 102.32677 | 145.96372 |
| 74.07677 | 2.20271 | 88.24343 | 57.72126 | 102.36843 | 146.05570 |
| 74.11844 | 2.20034 | 88.28510 | 57.70795 | 102.41010 | 146.09342 |
| 74.16010 | 2.11964 | 88.32677 | 57.74997 | 102.45177 | 146.21173 |
| 74.20177 | 2.06487 | 88.36843 | 57.77152 | 102.49343 | 146.33274 |
| 74.24344 | 2.01600 | 88.41010 | 57.76034 | 102.53510 | 146.38512 |
| 74.28510 | 1.96530 | 88.45177 | 57.78449 | 102.57677 | 146.47961 |
| 74.32677 | 1.90387 | 88.49343 | 57.92851 | 102.61843 | 146.63634 |
| 74.36844 | 1.88216 | 88.53510 | 58.17964 | 102.66010 | 146.74761 |
| 74.41010 | 1.84263 | 88.57677 | 58.38644 | 102.70177 | 146.94943 |
| 74.45177 | 1.77999 | 88.61844 | 58.70292 | 102.74343 | 147.27881 |
| 74.49344 | 1.77855 | 88.66010 | 58.91835 | 102.78510 | 147.69407 |
| 74.53510 | 1.77947 | 88.70177 | 59.21368 | 102.82677 | 148.12233 |
| 74.57677 | 1.81441 | 88.74343 | 59.45678 | 102.86843 | 148.62164 |
| 74.61844 | 1.89743 | 88.78510 | 59.72690 | 102.91010 | 149.11777 |
| 74.66010 | 2.00375 | 88.82677 | 59.86862 | 102.95177 | 149.60447 |
| 74.70177 | 2.13858 | 88.86843 | 59.97123 | 102.99343 | 150.06061 |
| 74.74344 | 2.29798 | 88.91010 | 60.00932 | 103.03510 | 150.48359 |
| 74.78510 | 2.52613 | 88.95177 | 59.99824 | 103.07677 | 150.86470 |
| 74.82677 | 2.73495 | 88.99344 | 60.01163 | 103.11843 | 151.11842 |
| 74.86844 | 2.89902 | 89.03510 | 59.96681 | 103.16010 | 151.24729 |
| 74.91010 | 3.10184 | 89.07677 | 59.99178 | 103.20177 | 151.25750 |
| 74.95177 | 3.33692 | 89.11843 | 60.02756 | 103.24343 | 151.25182 |
| 74.99344 | 3.56002 | 89.16010 | 60.05139 | 103.28510 | 151.27114 |
| 75.03510 | 3.73880 | 89.20177 | 60.00045 | 103.32677 | 151.24789 |
| 75.07677 | 3.86706 | 89.24343 | 60.17481 | 103.36843 | 151.25697 |
| 75.11844 | 4.04169 | 89.28510 | 60.62611 | 103.41010 | 151.19982 |
| 75.16010 | 4.15882 | 89.32677 | 61.28695 | 103.45177 | 151.27411 |
| 75.20177 | 4.27475 | 89.36844 | 62.07251 | 103.49343 | 151.19155 |
| 75.24344 | 4.31030 | 89.41010 | 62.80616 | 103.53510 | 151.10440 |
| 75.28510 | 4.48066 | 89.45177 | 63.43724 | 103.57677 | 150.98591 |
| 75.32677 | 4.54027 | 89.49344 | 63.86604 | 103.61843 | 150.87184 |
| 75.36844 | 4.66987 | 89.53510 | 64.25432 | 103.66010 | 150.71649 |

| | | | | | |
|---|---|---|---|---|---|
| 75.41010 | 4.71250 | 89.57677 | 64.53792 | 103.70177 | 150.52132 |
| 75.45177 | 4.85479 | 89.61843 | 64.86613 | 103.74343 | 150.36773 |
| 75.49344 | 4.90487 | 89.66010 | 65.18100 | 103.78510 | 150.17579 |
| 75.53510 | 5.04064 | 89.70177 | 65.43100 | 103.82677 | 150.00467 |
| 75.57677 | 5.12936 | 89.74343 | 65.76347 | 103.86843 | 149.82115 |
| 75.61844 | 5.29157 | 89.78510 | 66.14932 | 103.91010 | 149.63501 |
| 75.66010 | 5.41286 | 89.82677 | 66.68499 | 103.95177 | 149.48731 |
| 75.70177 | 5.70632 | 89.86843 | 67.46404 | 103.99343 | 149.34381 |
| 75.74344 | 6.07750 | 89.91010 | 68.41189 | 104.03510 | 149.18404 |
| 75.78510 | 6.58417 | 89.95177 | 69.48750 | 104.07677 | 149.02842 |
| 75.82677 | 7.09689 | 89.99343 | 70.53854 | 104.11843 | 149.00899 |
| 75.86844 | 7.44559 | 90.03510 | 71.42724 | 104.16010 | 148.98715 |
| 75.91010 | 7.72555 | 90.07677 | 72.09176 | 104.20177 | 149.16155 |
| 75.95177 | 7.72308 | 90.11843 | 72.41332 | 104.24343 | 150.53794 |
| 75.99344 | 7.75680 | 90.16010 | 72.58513 | 104.28510 | 152.03335 |
| 76.03510 | 7.73824 | 90.20177 | 72.71034 | 104.32677 | 152.56844 |
| 76.07677 | 7.74803 | 90.24344 | 72.79669 | 104.36843 | 152.97411 |
| 76.11844 | 7.75013 | 90.28510 | 72.94053 | 104.41010 | 153.32926 |
| 76.16010 | 7.77438 | 90.32677 | 72.95095 | 104.45177 | 153.67735 |
| 76.20177 | 7.71490 | 90.36843 | 73.05218 | 104.49343 | 153.91574 |
| 76.24344 | 7.76231 | 90.41010 | 73.10511 | 104.53510 | 154.09701 |
| 76.28510 | 7.75233 | 90.45177 | 73.20042 | 104.57677 | 154.30861 |
| 76.32677 | 7.70849 | 90.49343 | 73.20836 | 104.61843 | 154.44397 |
| 76.36844 | 7.72564 | 90.53510 | 73.30517 | 104.66010 | 154.66871 |
| 76.41010 | 7.74271 | 90.57677 | 73.31543 | 104.70177 | 154.79165 |
| 76.45177 | 7.73798 | 90.61843 | 73.43901 | 104.74343 | 154.94924 |
| 76.49344 | 7.73493 | 90.66010 | 73.56753 | 104.78510 | 155.16976 |
| 76.53510 | 7.73133 | 90.70177 | 73.70533 | 104.82677 | 155.41465 |
| 76.57677 | 7.75386 | 90.74344 | 73.91111 | 104.86843 | 155.65361 |
| 76.61844 | 7.74814 | 90.78510 | 74.26455 | 104.91010 | 155.96446 |
| 76.66010 | 7.74957 | 90.82677 | 74.76378 | 104.95177 | 156.31116 |
| 76.70177 | 7.78181 | 90.86843 | 75.34908 | 104.99343 | 156.77851 |
| 76.74344 | 7.88730 | 90.91010 | 75.96668 | 105.03510 | 157.23285 |
| 76.78510 | 8.05708 | 90.95177 | 76.57043 | 105.07677 | 157.77800 |
| 76.82677 | 8.28053 | 90.99343 | 77.12007 | 105.11843 | 158.22425 |
| 76.86844 | 8.56936 | 91.03510 | 77.62080 | 105.16010 | 158.77236 |
| 76.91010 | 8.81606 | 91.07677 | 78.01536 | 105.20177 | 159.22131 |
| 76.95177 | 9.08664 | 91.11843 | 78.43572 | 105.24343 | 159.65337 |
| 76.99344 | 9.34325 | 91.16010 | 78.90749 | 105.28510 | 159.99841 |
| 77.03510 | 9.54578 | 91.20177 | 79.43889 | 105.32677 | 160.24658 |
| 77.07677 | 9.67445 | 91.24343 | 80.38058 | 105.36843 | 160.38506 |
| 77.11844 | 9.85502 | 91.28510 | 82.01131 | 105.41010 | 160.45000 |
| 77.16010 | 10.01720 | 91.32677 | 83.94180 | 105.45177 | 160.40990 |
| 77.20177 | 10.13090 | 91.36843 | 85.36864 | 105.49343 | 160.43684 |
| 77.24344 | 10.22497 | 91.41010 | 85.83932 | 105.53510 | 160.46934 |
| 77.28510 | 10.31431 | 91.45177 | 85.99690 | 105.57677 | 160.42930 |
| 77.32677 | 10.41921 | 91.49343 | 86.16889 | 105.61843 | 160.39808 |

| | | | | | |
|---|---|---|---|---|---|
| 77.36844 | 10.51538 | 91.53510 | 86.26412 | 105.66010 | 160.45545 |
| 77.41010 | 10.62466 | 91.57677 | 86.38724 | 105.70177 | 160.42603 |
| 77.45177 | 10.72389 | 91.61844 | 86.58826 | 105.74343 | 160.45912 |
| 77.49344 | 10.89564 | 91.66010 | 86.83625 | 105.78510 | 160.41114 |
| 77.53510 | 11.02779 | 91.70177 | 87.29935 | 105.82677 | 160.39674 |
| 77.57677 | 11.26510 | 91.74343 | 87.78627 | 105.86843 | 160.42037 |
| 77.61844 | 11.44023 | 91.78510 | 88.28815 | 105.91010 | 160.49018 |
| 77.66010 | 11.73837 | 91.82677 | 88.86756 | 105.95177 | 160.50146 |
| 77.70177 | 12.20084 | 91.86843 | 89.30790 | 105.99343 | 160.57293 |
| 77.74344 | 12.88142 | 91.91010 | 89.64187 | 106.03510 | 160.59380 |
| 77.78510 | 14.17839 | 91.95177 | 90.00091 | 106.07677 | 160.61025 |
| 77.82677 | 15.61373 | 91.99343 | 90.24235 | 106.11843 | 160.69889 |
| 77.86844 | 15.71922 | 92.03510 | 90.48081 | 106.16010 | 160.73053 |
| 77.91010 | 15.81755 | 92.07677 | 90.65273 | 106.20177 | 160.84898 |
| 77.95177 | 15.87715 | 92.11843 | 90.88781 | 106.24343 | 160.89198 |
| 77.99344 | 15.86247 | 92.16010 | 91.06868 | 106.28510 | 161.11239 |
| 78.03510 | 15.85795 | 92.20177 | 91.24093 | 106.32677 | 161.48659 |
| 78.07677 | 15.97569 | 92.24343 | 91.36384 | 106.36843 | 161.98372 |
| 78.11844 | 16.26065 | 92.28510 | 91.50021 | 106.41010 | 162.50602 |
| 78.16010 | 16.75430 | 92.32677 | 91.62703 | 106.45177 | 162.95260 |
| 78.20177 | 17.21975 | 92.36844 | 91.67035 | 106.49343 | 163.32062 |
| 78.24344 | 17.58765 | 92.41010 | 91.83829 | 106.53510 | 163.65633 |
| 78.28510 | 18.00523 | 92.45177 | 91.94939 | 106.57677 | 164.10602 |
| 78.32677 | 18.26870 | 92.49343 | 92.06362 | 106.61843 | 164.40209 |
| 78.36844 | 17.36793 | 92.53510 | 92.18213 | 106.66010 | 164.75789 |
| 78.41010 | 14.49509 | 92.57677 | 92.33235 | 106.70177 | 165.08768 |
| 78.45177 | 14.20697 | 92.61843 | 92.51535 | 106.74343 | 165.43310 |
| 78.49344 | 14.44374 | 92.66010 | 92.73746 | 106.78510 | 165.69481 |
| 78.53510 | 14.81444 | 92.70177 | 93.06057 | 106.82677 | 166.02701 |
| 78.57677 | 15.41460 | 92.74343 | 93.45739 | 106.86843 | 166.32520 |
| 78.61844 | 17.22234 | 92.78510 | 93.89105 | 106.91010 | 166.59392 |
| 78.66010 | 18.59604 | 92.82677 | 94.35601 | 106.95177 | 166.85280 |
| 78.70177 | 19.58899 | 92.86843 | 94.92602 | 106.99343 | 167.08081 |
| 78.74344 | 20.43594 | 92.91010 | 95.54000 | 107.03510 | 167.31783 |
| 78.78510 | 21.03029 | 92.95177 | 96.14498 | 107.07677 | 167.50957 |
| 78.82677 | 21.58220 | 92.99343 | 96.81486 | 107.11843 | 167.75269 |
| 78.86844 | 22.02499 | 93.03510 | 97.51060 | 107.16010 | 167.91438 |
| 78.91010 | 22.49622 | 93.07677 | 98.15261 | 107.20177 | 168.25564 |
| 78.95177 | 22.87400 | 93.11843 | 98.86565 | 107.24343 | 168.50254 |
| 78.99344 | 23.13986 | 93.16010 | 99.82433 | 107.28510 | 168.84938 |
| 79.03510 | 23.30874 | 93.20177 | 100.85097 | 107.32677 | 169.29806 |
| 79.07677 | 23.34037 | 93.24343 | 101.57798 | 107.36843 | 169.90831 |
| 79.11844 | 23.34094 | 93.28510 | 101.76594 | 107.41010 | 170.77376 |
| 79.16010 | 23.36188 | 93.32677 | 101.73904 | 107.45177 | 171.65739 |
| 79.20177 | 23.33810 | 93.36843 | 101.72140 | 107.49343 | 172.44842 |
| 79.24344 | 23.31557 | 93.41010 | 101.75187 | 107.53510 | 173.03084 |
| 79.28510 | 23.36317 | 93.45177 | 101.73350 | 107.57677 | 173.54719 |

| | | | | | |
|---|---|---|---|---|---|
| 79.32677 | 23.39139 | 93.49344 | 101.77091 | 107.61843 | 174.04160 |
| 79.36844 | 23.34219 | 93.53510 | 101.75135 | 107.66010 | 174.47743 |
| 79.41010 | 23.32475 | 93.57677 | 101.73425 | 107.70177 | 174.88998 |
| 79.45177 | 23.32065 | 93.61843 | 101.78146 | 107.74343 | 175.29128 |
| 79.49344 | 23.28979 | 93.66010 | 101.92771 | 107.78510 | 175.71512 |
| 79.53510 | 23.19113 | 93.70177 | 102.24553 | 107.82677 | 176.00629 |
| 79.57677 | 22.81341 | 93.74343 | 102.62381 | 107.86843 | 176.32676 |
| 79.61844 | 22.17598 | 93.78510 | 103.00261 | 107.91010 | 176.63482 |
| 79.66010 | 21.51918 | 93.82677 | 103.38867 | 107.95177 | 176.91138 |
| 79.70177 | 20.84895 | 93.86843 | 103.56147 | 107.99343 | 177.14401 |
| 79.74344 | 20.20266 | 93.91010 | 103.64000 | 108.03510 | 177.37308 |
| 79.78510 | 19.72353 | 93.95177 | 103.66637 | 108.07677 | 177.60341 |
| 79.82677 | 19.29050 | 93.99343 | 103.75009 | 108.11843 | 177.80181 |
| 79.86844 | 19.19902 | 94.03510 | 103.72876 | 108.16010 | 178.01555 |
| 79.91010 | 19.20703 | 94.07677 | 103.80142 | 108.20177 | 178.23020 |
| 79.95177 | 19.17460 | 94.11843 | 103.83936 | 108.24343 | 178.51650 |
| 79.99344 | 19.21701 | 94.16010 | 103.87131 | 108.28510 | 178.75674 |
| 80.03510 | 19.16987 | 94.20177 | 103.88541 | 108.32677 | 179.01656 |
| 80.07677 | 19.17016 | 94.24343 | 104.00447 | 108.36843 | 179.38456 |
| 80.11844 | 19.15664 | 94.28510 | 104.01549 | 108.41010 | 179.76787 |
| 80.16010 | 19.17121 | 94.32677 | 104.20917 | 108.45177 | 180.12037 |
| 80.20177 | 19.22031 | 94.36843 | 104.41599 | 108.49343 | 180.49092 |
| 80.24344 | 19.36932 | 94.41010 | 104.73156 | 108.53510 | 180.77315 |
| 80.28510 | 19.75591 | 94.45177 | 105.13779 | 108.57677 | 180.97035 |
| 80.32677 | 20.28128 | 94.49343 | 105.62949 | 108.61843 | 181.15795 |
| 80.36844 | 20.74621 | 94.53510 | 106.42181 | 108.66010 | 181.28182 |
| 80.41010 | 21.13381 | 94.57677 | 107.50134 | 108.70177 | 181.46316 |
| 80.45177 | 21.50333 | 94.61843 | 108.70082 | 108.74343 | 181.59415 |
| 80.49344 | 21.83794 | 94.66010 | 109.88422 | 108.78510 | 181.74007 |
| 80.53510 | 22.15229 | 94.70177 | 110.95944 | 108.82677 | 181.85924 |
| 80.57677 | 22.34777 | 94.74343 | 111.88061 | 108.86843 | 181.98505 |
| 80.61844 | 22.42663 | 94.78510 | 112.83826 | 108.91010 | 182.03213 |
| 80.66010 | 22.41645 | 94.82677 | 113.89717 | 108.95177 | 182.16573 |
| 80.70177 | 22.40224 | 94.86843 | 115.32800 | 108.99343 | 182.22482 |
| 80.74344 | 22.44458 | 94.91010 | 117.45218 | 109.03510 | 182.31644 |
| 80.78510 | 22.37704 | 94.95177 | 119.36518 | 109.07677 | 182.40155 |
| 80.82677 | 22.36852 | 94.99343 | 120.15929 | 109.11843 | 182.42076 |
| 80.86844 | 22.41113 | 95.03510 | 120.21449 | 109.16010 | 182.42753 |
| 80.91010 | 22.44307 | 95.07677 | 120.27707 | 109.20177 | 182.47397 |
| 80.95177 | 22.43686 | 95.11843 | 120.33933 | 109.24343 | 182.46066 |
| 80.99344 | 22.43975 | 95.16010 | 120.45337 | 109.28510 | 182.46840 |
| 81.03510 | 22.43668 | 95.20177 | 120.40848 | 109.32677 | 182.41140 |
| 81.07677 | 22.45418 | 95.24343 | 120.48465 | 109.36843 | 182.43712 |
| 81.11844 | 22.59849 | 95.28510 | 120.52585 | 109.41010 | 182.43706 |
| 81.16010 | 22.61289 | 95.32677 | 120.52342 | 109.45177 | 182.44668 |
| 81.20177 | 22.74564 | 95.36843 | 120.51186 | 109.49343 | 182.43079 |
| 81.24344 | 22.89671 | 95.41010 | 120.54097 | 109.53510 | 182.44207 |

| | | | | | |
|---|---|---|---|---|---|
| 81.28510 | 23.06599 | 95.45177 | 120.53474 | 109.57677 | 182.44587 |
| 81.32677 | 23.19996 | 95.49343 | 120.50954 | 109.61843 | 182.46880 |
| 81.36844 | 23.42128 | 95.53510 | 120.51289 | 109.66010 | 182.43684 |
| 81.41010 | 23.62480 | 95.57677 | 120.52505 | 109.70177 | 182.44077 |
| 81.45177 | 23.84468 | 95.61843 | 120.50599 | 109.74343 | 182.43496 |
| 81.49344 | 24.25841 | 95.66010 | 120.52178 | 109.78510 | 182.44740 |
| 81.53510 | 24.75565 | 95.70177 | 120.54313 | 109.82677 | 182.43267 |
| 81.57677 | 25.22742 | 95.74343 | 120.54846 | 109.86843 | 182.45694 |
| 81.61844 | 25.53692 | 95.78510 | 120.53171 | 109.91010 | 182.47156 |
| 81.66010 | 25.65025 | 95.82677 | 120.53457 | 109.95177 | 182.43835 |
| 81.70177 | 25.62169 | 95.86843 | 120.57358 | 109.99343 | 182.46355 |
| 81.74344 | 25.61475 | 95.91010 | 120.51985 | 110.03510 | 182.43008 |
| 81.78510 | 25.61208 | 95.95177 | 120.48999 | 110.07677 | 182.45195 |
| 81.82677 | 25.63615 | 95.99343 | 120.48413 | 110.11843 | 182.42362 |
| 81.86844 | 25.62413 | 96.03510 | 120.52725 | 110.16010 | 182.44251 |
| 81.91010 | 25.59751 | 96.07677 | 120.51939 | 110.20177 | 182.51081 |
| 81.95177 | 25.61505 | 96.11843 | 120.65428 | 110.24343 | 182.73694 |
| 81.99344 | 25.60145 | 96.16010 | 120.89150 | 110.28510 | 183.00423 |
| 82.03510 | 25.63239 | 96.20177 | 121.25138 | 110.32677 | 183.28466 |
| 82.07677 | 25.61424 | 96.24343 | 121.59670 | 110.36843 | 183.66238 |
| 82.11844 | 25.62283 | 96.28510 | 121.96545 | 110.41010 | 184.01635 |
| 82.16010 | 25.59796 | 96.32677 | 122.37372 | 110.45177 | 184.40915 |
| 82.20177 | 25.62453 | 96.36843 | 122.79391 | 110.49343 | 184.87405 |
| 82.24344 | 25.61779 | 96.41010 | 123.13487 | 110.53510 | 185.28221 |
| 82.28510 | 25.62996 | 96.45177 | 123.45557 | 110.57677 | 185.64031 |
| 82.32677 | 25.62832 | 96.49343 | 123.73968 | 110.61843 | 185.95741 |
| 82.36844 | 25.61263 | 96.53510 | 124.00313 | 110.66010 | 186.20986 |
| 82.41010 | 25.64230 | 96.57677 | 124.33409 | 110.70177 | 186.35665 |
| 82.45177 | 25.62619 | 96.61843 | 124.59235 | 110.74343 | 186.56792 |
| 82.49344 | 25.63472 | 96.66010 | 124.97216 | 110.78510 | 186.53472 |
| 82.53510 | 25.63284 | 96.70177 | 125.23143 | 110.82677 | 186.53990 |
| 82.57677 | 25.65052 | 96.74343 | 125.60453 | 110.86843 | 186.51849 |
| 82.61844 | 25.61612 | 96.78510 | 125.94348 | 110.91010 | 186.59536 |
| 82.66010 | 25.58516 | 96.82677 | 126.25679 | 110.95177 | 186.55336 |
| 82.70177 | 25.65548 | 96.86843 | 126.57424 | 110.99343 | 186.57127 |
| 82.74344 | 25.70170 | 96.91010 | 127.01799 | 111.03510 | 186.53303 |
| 82.78510 | 25.86416 | 96.95177 | 127.30674 | 111.07677 | 186.58086 |
| 82.82677 | 26.10956 | 96.99343 | 127.56570 | 111.11843 | 186.58203 |
| 82.86844 | 26.33482 | 97.03510 | 127.89242 | 111.16010 | 186.54563 |
| 82.91010 | 26.46266 | 97.07677 | 128.20634 | 111.20177 | 186.56675 |
| 82.95177 | 26.63831 | 97.11843 | 128.43600 | 111.24343 | 186.60766 |
| 82.99344 | 26.72571 | 97.16010 | 128.69155 | 111.28510 | 186.77186 |
| 83.03510 | 26.82674 | 97.20177 | 128.81620 | 111.32677 | 186.95018 |
| 83.07677 | 26.90867 | 97.24343 | 129.03166 | 111.36843 | 187.30246 |
| 83.11843 | 27.03963 | 97.28510 | 129.16204 | 111.41010 | 187.67041 |
| 83.16010 | 27.06909 | 97.32677 | 129.31192 | 111.45177 | 188.11156 |
| 83.20177 | 27.16312 | 97.36843 | 129.46467 | 111.49343 | 188.47285 |

| | | | | | |
|---|---|---|---|---|---|
| 83.24344 | 27.22671 | 97.41010 | 129.63043 | 111.53510 | 188.87042 |
| 83.28510 | 27.30748 | 97.45177 | 129.78357 | 111.57677 | 189.26617 |
| 83.32677 | 27.44398 | 97.49343 | 130.01598 | 111.61843 | 189.60665 |
| 83.36843 | 27.54965 | 97.53510 | 130.25693 | 111.66010 | 189.81468 |
| 83.41010 | 27.66926 | 97.57677 | 130.54177 | 111.70177 | 190.02467 |
| 83.45177 | 27.77729 | 97.61843 | 130.91667 | 111.74343 | 190.22537 |
| 83.49344 | 27.91056 | 97.66010 | 131.52585 | 111.78510 | 190.44708 |
| 83.53510 | 28.15403 | 97.70177 | 132.85112 | 111.82677 | 190.55664 |
| 83.57677 | 28.44102 | 97.74343 | 134.72346 | 111.86843 | 190.72086 |
| 83.61844 | 28.69620 | 97.78510 | 136.59959 | 111.91010 | 190.85704 |
| 83.66010 | 29.04423 | 97.82677 | 138.14599 | 111.95177 | 191.05796 |
| 83.70177 | 29.37631 | 97.86843 | 138.88161 | 111.99343 | 191.21045 |
| 83.74344 | 29.56980 | 97.91010 | 138.82394 | 112.03510 | 191.30965 |
| 83.78510 | 29.88476 | 97.95177 | 138.89690 | 112.07677 | 191.42291 |
| 83.82677 | 30.07943 | 97.99343 | 138.88426 | 112.11843 | 191.52026 |
| 83.86844 | 30.35201 | 98.03510 | 138.88718 | 112.16010 | 191.67682 |
| 83.91010 | 30.64366 | 98.07677 | 138.84183 | 112.20177 | 191.70620 |
| 83.95177 | 30.87041 | 98.11843 | 138.88491 | 112.24343 | 191.83568 |
| 83.99344 | 31.17399 | 98.16010 | 138.82485 | 112.28510 | 191.94964 |
| 84.03510 | 31.48703 | 98.20177 | 138.88472 | 112.32677 | 192.00650 |
| 84.07677 | 31.87707 | 98.24343 | 138.85071 | 112.36843 | 192.14026 |
| 84.11843 | 32.30118 | 98.28510 | 138.85529 | 112.41010 | 192.22683 |
| 84.16010 | 32.86916 | 98.32677 | 138.85751 | 112.45177 | 192.29675 |
| 84.20177 | 33.55309 | 98.36843 | 138.88202 | 112.49343 | 192.47029 |
| 84.24344 | 34.29121 | 98.41010 | 138.87092 | 112.53510 | 192.55115 |
| 84.28510 | 35.04458 | 98.45177 | 138.84734 | 112.57677 | 192.64630 |
| 84.32677 | 35.69834 | 98.49343 | 138.86051 | 112.61843 | 192.82719 |
| 84.36844 | 36.18400 | 98.53510 | 138.88402 | 112.66010 | 192.97944 |
| 84.41010 | 36.70301 | 98.57677 | 138.89746 | 112.70177 | 193.17293 |
| 84.45177 | 37.18449 | 98.61843 | 138.87436 | 112.74343 | 193.42812 |
| 84.49344 | 37.66038 | 98.66010 | 138.87977 | 112.78510 | 193.72731 |
| 84.53510 | 38.12222 | 98.70177 | 138.89031 | 112.82677 | 193.96719 |
| 84.57677 | 38.62044 | 98.74343 | 138.83405 | 112.86843 | 194.19152 |
| 84.61844 | 39.22023 | 98.78510 | 138.73915 | 112.91010 | 194.44475 |
| 84.66010 | 39.83325 | 98.82677 | 138.62177 | 112.95177 | 194.65554 |
| 84.70177 | 40.51396 | 98.86843 | 138.40664 | 112.99343 | 194.80531 |
| 84.74344 | 41.23991 | 98.91010 | 138.17885 | 113.03510 | 194.99134 |
| 84.78510 | 41.88858 | 98.95177 | 137.89399 | 113.07677 | 195.18800 |
| 84.82677 | 42.45344 | 98.99343 | 137.68559 | 113.11843 | 195.37184 |
| 84.86844 | 43.10731 | 99.03510 | 137.52493 | 113.16010 | 195.52140 |
| 84.91010 | 43.69441 | 99.07677 | 137.31838 | 113.20177 | 195.72566 |
| 84.95177 | 44.26002 | 99.11843 | 137.14458 | 113.24343 | 195.87520 |
| 84.99344 | 44.81411 | 99.16010 | 137.05299 | 113.28510 | 196.01763 |
| 85.03510 | 45.15928 | 99.20177 | 137.04818 | 113.32677 | 196.20763 |
| 85.07677 | 45.31782 | 99.24343 | 137.06647 | 113.36843 | 196.35505 |
| 85.11844 | 45.46424 | 99.28510 | 137.11795 | 113.41010 | 196.47061 |
| 85.16010 | 45.53837 | 99.32677 | 137.14491 | 113.45177 | 196.66898 |

| | | | | | |
|---|---|---|---|---|---|
| 85.20177 | 45.64878 | 99.36843 | 137.23824 | 113.49343 | 196.83053 |
| 85.24343 | 45.69366 | 99.41010 | 137.23621 | 113.53510 | 196.96835 |
| 85.28510 | 45.75022 | 99.45177 | 137.31322 | 113.57677 | 197.12482 |
| 85.32677 | 45.74794 | 99.49343 | 137.41457 | 113.61843 | 197.24740 |
| 85.36844 | 45.78619 | 99.53510 | 137.47069 | 113.66010 | 197.39163 |
| 85.41010 | 45.86679 | 99.57677 | 137.54214 | 113.70177 | 197.62020 |
| 85.45177 | 45.95877 | 99.61843 | 137.70726 | 113.74343 | 197.75584 |
| 85.49343 | 45.97328 | 99.66010 | 137.73659 | 113.78510 | 197.90533 |
| 85.53510 | 46.02705 | 99.70177 | 137.90238 | 113.82677 | 198.08205 |
| 85.57677 | 46.16476 | 99.74343 | 138.05962 | 113.86843 | 198.20260 |
| 85.61844 | 46.29887 | 99.78510 | 138.22344 | 113.91010 | 198.35492 |
| 85.66010 | 46.73202 | 99.82677 | 138.40728 | 113.95177 | 198.54498 |
| 85.70177 | 47.35228 | 99.86843 | 138.62303 | 113.99343 | 198.78598 |
| 85.74343 | 48.02786 | 99.91010 | 138.79982 | 114.03510 | 198.96845 |
| 85.78510 | 48.44628 | 99.95177 | 138.98022 | 114.07677 | 199.22028 |
| 85.82677 | 48.58037 | 99.99343 | 139.16028 | 114.11843 | 199.42970 |
| 85.86844 | 48.59260 | 100.03510 | 139.37417 | 114.16010 | 199.69530 |
| 85.91010 | 48.58411 | 100.07677 | 139.55511 | 114.20177 | 199.89972 |
| 85.95177 | 48.54776 | 100.11843 | 139.76247 | 114.24343 | 200.14421 |
| 85.99343 | 48.54552 | 100.16010 | 139.91750 | 114.28510 | 200.34586 |
| 86.03510 | 48.52955 | 100.20177 | 140.04133 | 114.32677 | 200.60666 |
| 86.07677 | 48.51183 | 100.24343 | 140.20228 | 114.36843 | 200.77662 |
| 86.11843 | 48.56649 | 100.28510 | 140.33018 | 114.41010 | 200.93998 |
| 86.16010 | 48.55324 | 100.32677 | 140.43840 | 114.45177 | 201.07975 |
| 86.20177 | 48.57965 | 100.36843 | 140.56917 | 114.49343 | 201.18591 |
| 86.24343 | 48.54366 | 100.41010 | 140.62458 | 114.53510 | 201.23604 |
| 86.28510 | 48.52711 | 100.45177 | 140.70318 | 114.57677 | 201.25122 |
| 86.32677 | 48.54130 | 100.49343 | 140.81815 | 114.61843 | 201.17146 |
| 86.36843 | 48.55614 | 100.53510 | 140.95951 | 114.66010 | 201.15829 |
| 86.41010 | 48.66308 | 100.57677 | 141.04301 | 114.70177 | 201.10276 |
| 86.45177 | 48.64973 | 100.61843 | 141.12365 | 114.74343 | 200.98520 |
| 86.49344 | 48.76188 | 100.66010 | 141.26665 | 114.78510 | 200.83644 |
| 86.53510 | 48.78663 | 100.70177 | 141.40318 | 114.82677 | 200.74328 |
| 86.57677 | 48.85259 | 100.74343 | 141.53685 | 114.86843 | 200.63711 |
| 86.61843 | 48.94954 | 100.78510 | 141.65092 | 114.91010 | 200.48977 |
| 86.66010 | 49.01168 | 100.82677 | 141.87952 | 114.95177 | 200.35693 |
| 86.70177 | 49.07637 | 100.86843 | 142.05385 | 114.99343 | 200.29709 |
| 86.74343 | 49.19542 | 100.91010 | 142.21436 | 115.03510 | 200.14839 |
| 86.78510 | 49.28701 | 100.95177 | 142.37675 | 115.07677 | 200.07115 |
| 86.82677 | 49.40689 | 100.99343 | 142.60162 | 115.11843 | 199.97293 |
| 86.86843 | 49.50461 | 101.03510 | 142.73978 | 115.16010 | 199.87871 |
| 86.91010 | 49.67516 | 101.07677 | 142.94780 | 115.20177 | 199.71751 |
| 86.95177 | 49.79692 | 101.11843 | 143.12949 | 115.24343 | 199.64628 |
| 86.99344 | 49.97002 | 101.16010 | 143.29924 | 115.28510 | 199.58101 |
| 87.03510 | 50.20352 | 101.20177 | 143.47460 | 115.32677 | 199.49599 |
| 87.07677 | 50.42959 | 101.24343 | 143.70074 | 115.36843 | 199.43657 |
| 87.11844 | 50.70878 | 101.28510 | 143.85991 | 115.41010 | 199.41490 |

| | | | | | |
|---|---|---|---|---|---|
| 87.16010 | 50.98947 | 101.32677 | 144.06116 | 115.45177 | 199.37027 |
| 87.20177 | 51.23007 | 101.36843 | 144.25327 | 115.49343 | 199.42241 |
| 87.24343 | 51.53334 | 101.41010 | 144.46581 | 115.53510 | 199.50254 |
| 87.28510 | 51.83382 | 101.45177 | 144.71386 | 115.57677 | 199.59863 |
| 87.32677 | 52.15699 | 101.49343 | 144.90068 | 115.61843 | 199.78145 |
| 87.36843 | 52.46116 | 101.53510 | 145.13009 | 115.66011 | 199.90849 |
| 87.41010 | 52.79935 | 101.57677 | 145.31764 | 115.70173 | 200.10396 |
| 87.45177 | 53.09667 | 101.61843 | 145.49413 | 115.74357 | 200.31002 |
| 87.49344 | 53.46390 | 101.66010 | 145.66258 | 115.78448 | 200.57198 |
| 87.53510 | 53.84738 | 101.70177 | 145.76694 | 115.82827 | 200.81773 |
| 87.57677 | 54.23606 | 101.74343 | 145.75116 | 115.84483 | 200.92156 |
| 87.61844 | 54.68729 | | | | |

SeDep9

| Julian Date | Mass | Julian Date | Mass | Julian Date | Mass |
|---|---|---|---|---|---|
| 73.41849 | 0.05279 | 87.58463 | 123.75751 | 101.75129 | 268.69485 |
| 73.46010 | -0.75310 | 87.62629 | 123.64310 | 101.79296 | 269.04022 |
| 73.50119 | -0.51225 | 87.66796 | 123.60204 | 101.83463 | 269.40516 |
| 73.54299 | -0.20585 | 87.70963 | 123.49362 | 101.87629 | 269.78642 |
| 73.58462 | 0.44208 | 87.75129 | 123.37423 | 101.91796 | 270.11879 |
| 73.62630 | 1.05209 | 87.79296 | 123.24678 | 101.95963 | 270.45171 |
| 73.66796 | 1.57448 | 87.83463 | 123.13678 | 102.00129 | 270.81387 |
| 73.70963 | 2.05646 | 87.87629 | 122.91618 | 102.04296 | 271.12291 |
| 73.75129 | 2.59162 | 87.91796 | 122.72530 | 102.08463 | 271.44587 |
| 73.79296 | 3.14171 | 87.95963 | 122.51361 | 102.12629 | 271.80435 |
| 73.83463 | 3.56890 | 88.00129 | 122.29747 | 102.16796 | 272.07439 |
| 73.87629 | 4.07738 | 88.04296 | 122.09167 | 102.20963 | 272.38711 |
| 73.91796 | 4.52684 | 88.08463 | 121.86391 | 102.25129 | 272.67676 |
| 73.95963 | 4.94922 | 88.12629 | 121.65540 | 102.29296 | 272.97683 |
| 74.00129 | 5.40517 | 88.16796 | 121.40649 | 102.33463 | 273.27228 |
| 74.04296 | 5.84530 | 88.20963 | 121.17839 | 102.37629 | 273.50750 |
| 74.08463 | 6.19382 | 88.25129 | 120.91890 | 102.41796 | 273.76746 |
| 74.12629 | 6.57147 | 88.29296 | 120.69282 | 102.45963 | 274.07921 |
| 74.16796 | 6.94559 | 88.33463 | 120.44472 | 102.50129 | 274.28660 |
| 74.20963 | 7.24081 | 88.37629 | 120.18871 | 102.54296 | 274.48817 |
| 74.25129 | 7.49161 | 88.41796 | 119.93555 | 102.58463 | 274.71561 |
| 74.29296 | 7.80869 | 88.45963 | 119.62336 | 102.62629 | 274.90798 |
| 74.33463 | 8.10026 | 88.50129 | 119.31989 | 102.66796 | 275.14148 |
| 74.37629 | 8.40223 | 88.54296 | 118.92659 | 102.70963 | 275.30678 |
| 74.41796 | 8.68696 | 88.58463 | 118.52001 | 102.75129 | 275.48821 |
| 74.45963 | 8.97977 | 88.62629 | 118.05498 | 102.79296 | 275.66604 |
| 74.50129 | 9.19659 | 88.66796 | 117.58486 | 102.83463 | 275.80152 |
| 74.54296 | 9.47491 | 88.70963 | 117.16800 | 102.87629 | 276.02782 |
| 74.58463 | 9.72036 | 88.75129 | 116.76697 | 102.91796 | 276.12959 |
| 74.62629 | 9.90601 | 88.79296 | 116.33803 | 102.95963 | 276.30082 |
| 74.66796 | 10.08395 | 88.83463 | 115.99112 | 103.00129 | 276.44766 |
| 74.70963 | 10.25045 | 88.87629 | 115.68139 | 103.04296 | 276.57618 |
| 74.75129 | 10.33504 | 88.91796 | 115.36180 | 103.08463 | 276.70408 |
| 74.79296 | 10.45141 | 88.95963 | 115.18295 | 103.12629 | 276.84990 |
| 74.83463 | 10.50218 | 89.00129 | 115.08044 | 103.16796 | 276.93972 |
| 74.87629 | 10.49070 | 89.04296 | 115.06695 | 103.20963 | 277.12653 |
| 74.91796 | 10.49484 | 89.08463 | 115.07675 | 103.25129 | 277.30094 |
| 74.95963 | 10.46246 | 89.12629 | 115.10792 | 103.29296 | 277.42623 |
| 75.00129 | 10.48765 | 89.16796 | 115.21052 | 103.33463 | 277.64084 |
| 75.04296 | 10.49451 | 89.20963 | 115.39635 | 103.37629 | 277.79383 |
| 75.08463 | 10.48266 | 89.25129 | 115.55451 | 103.41796 | 277.91706 |
| 75.12629 | 10.50177 | 89.29296 | 115.75286 | 103.45963 | 278.13754 |
| 75.16796 | 10.46235 | 89.33463 | 116.00259 | 103.50129 | 278.27624 |
| 75.20963 | 10.47979 | 89.37629 | 116.22080 | 103.54296 | 278.54005 |
| 75.25129 | 10.48126 | 89.41796 | 116.48907 | 103.58463 | 278.70407 |
| 75.29296 | 10.44967 | 89.45963 | 116.75599 | 103.62629 | 278.92875 |

| | | | | | |
|---|---|---|---|---|---|
| 75.33463 | 10.50127 | 89.50129 | 117.08734 | 103.66796 | 279.13533 |
| 75.37629 | 10.53091 | 89.54296 | 117.40438 | 103.70963 | 279.37650 |
| 75.41796 | 10.49819 | 89.58463 | 117.74498 | 103.75129 | 279.63794 |
| 75.45963 | 10.48128 | 89.62629 | 118.02458 | 103.79296 | 279.90567 |
| 75.50129 | 10.49626 | 89.66796 | 118.35807 | 103.83463 | 280.18690 |
| 75.54296 | 10.51435 | 89.70963 | 118.74919 | 103.87629 | 280.59152 |
| 75.58463 | 10.48113 | 89.75129 | 119.05688 | 103.91796 | 280.97640 |
| 75.62629 | 10.48681 | 89.79296 | 119.39294 | 103.95963 | 281.50438 |
| 75.66796 | 10.52913 | 89.83463 | 119.71135 | 104.00129 | 282.00311 |
| 75.70963 | 10.49610 | 89.87629 | 120.03051 | 104.04296 | 282.59507 |
| 75.75129 | 10.54664 | 89.91796 | 120.36757 | 104.08463 | 283.34121 |
| 75.79296 | 10.53132 | 89.95963 | 120.69089 | 104.12629 | 284.04155 |
| 75.83463 | 10.61180 | 90.00129 | 120.92803 | 104.16796 | 284.68502 |
| 75.87629 | 10.80003 | 90.04296 | 121.24820 | 104.20963 | 285.44627 |
| 75.91796 | 10.90127 | 90.08463 | 121.55379 | 104.25129 | 286.20986 |
| 75.95963 | 11.06357 | 90.12629 | 121.83835 | 104.29296 | 286.91392 |
| 76.00129 | 11.16772 | 90.16796 | 122.12888 | 104.33463 | 287.71274 |
| 76.04296 | 11.38630 | 90.20963 | 122.41951 | 104.37629 | 288.45140 |
| 76.08463 | 11.54530 | 90.25129 | 122.75272 | 104.41796 | 289.18614 |
| 76.12629 | 11.70206 | 90.29296 | 123.00855 | 104.45963 | 289.87028 |
| 76.16796 | 11.87702 | 90.33463 | 123.38524 | 104.50129 | 290.54964 |
| 76.20963 | 12.07430 | 90.37629 | 123.69089 | 104.54296 | 291.20098 |
| 76.25129 | 12.30001 | 90.41796 | 124.04227 | 104.58463 | 291.78283 |
| 76.29296 | 12.44691 | 90.45963 | 124.34353 | 104.62629 | 292.32751 |
| 76.33463 | 12.58508 | 90.50129 | 124.69173 | 104.66796 | 292.84295 |
| 76.37629 | 12.74850 | 90.54296 | 125.06239 | 104.70963 | 293.19496 |
| 76.41796 | 12.92818 | 90.58463 | 125.42032 | 104.75129 | 293.54951 |
| 76.45963 | 13.09794 | 90.62629 | 125.78372 | 104.79296 | 293.83192 |
| 76.50129 | 13.33035 | 90.66796 | 126.13321 | 104.83463 | 294.01444 |
| 76.54296 | 13.49355 | 90.70963 | 126.53220 | 104.87629 | 294.25770 |
| 76.58463 | 13.68894 | 90.75129 | 127.00018 | 104.91796 | 294.45872 |
| 76.62629 | 13.92933 | 90.79296 | 127.39114 | 104.95963 | 294.66502 |
| 76.66796 | 14.19812 | 90.83463 | 127.90254 | 105.00129 | 294.86883 |
| 76.70963 | 14.46200 | 90.87629 | 128.32141 | 105.04296 | 294.97839 |
| 76.75129 | 14.72716 | 90.91796 | 128.78092 | 105.08463 | 295.19876 |
| 76.79296 | 15.05342 | 90.95963 | 129.28482 | 105.12629 | 295.39122 |
| 76.83463 | 15.34570 | 91.00129 | 129.81235 | 105.16796 | 295.57713 |
| 76.87629 | 15.73906 | 91.04296 | 130.37883 | 105.20963 | 295.76462 |
| 76.91796 | 16.12341 | 91.08463 | 130.96124 | 105.25129 | 295.88752 |
| 76.95963 | 16.72258 | 91.12629 | 131.60953 | 105.29296 | 296.01044 |
| 77.00129 | 17.61497 | 91.16796 | 132.26651 | 105.33463 | 296.20470 |
| 77.04296 | 18.51399 | 91.20963 | 132.98498 | 105.37629 | 296.32328 |
| 77.08463 | 19.48187 | 91.25129 | 133.73832 | 105.41796 | 296.50833 |
| 77.12629 | 20.43747 | 91.29296 | 134.54458 | 105.45963 | 296.59223 |
| 77.16796 | 21.35216 | 91.33463 | 135.39035 | 105.50129 | 296.71633 |
| 77.20963 | 22.15232 | 91.37629 | 136.26808 | 105.54296 | 296.79211 |
| 77.25129 | 22.97065 | 91.41796 | 137.43736 | 105.58463 | 296.93375 |

| | | | | | |
|---|---|---|---|---|---|
| 77.29296 | 23.75860 | 91.45963 | 138.70495 | 105.62629 | 297.03288 |
| 77.33463 | 24.52267 | 91.50129 | 140.20084 | 105.66796 | 297.13913 |
| 77.37629 | 25.25779 | 91.54296 | 141.76617 | 105.70963 | 297.19577 |
| 77.41796 | 26.04403 | 91.58463 | 143.20732 | 105.75129 | 297.30282 |
| 77.45963 | 26.79015 | 91.62629 | 144.42451 | 105.79296 | 297.32258 |
| 77.50129 | 27.51790 | 91.66796 | 145.57506 | 105.83463 | 297.38344 |
| 77.54296 | 28.26274 | 91.70963 | 146.69794 | 105.87629 | 297.46141 |
| 77.58463 | 28.95727 | 91.75129 | 147.81944 | 105.91796 | 297.48991 |
| 77.62629 | 29.70232 | 91.79296 | 148.88130 | 105.95963 | 297.50952 |
| 77.66796 | 30.44719 | 91.83463 | 149.91424 | 106.00129 | 297.51268 |
| 77.70963 | 31.15959 | 91.87629 | 150.98117 | 106.04296 | 297.48323 |
| 77.75129 | 31.96906 | 91.91796 | 152.02010 | 106.08463 | 297.42282 |
| 77.79296 | 32.68110 | 91.95963 | 152.96655 | 106.12629 | 297.20605 |
| 77.83463 | 33.34464 | 92.00129 | 153.89691 | 106.16796 | 296.93724 |
| 77.87629 | 33.97866 | 92.04296 | 154.85223 | 106.20963 | 296.52984 |
| 77.91796 | 34.57465 | 92.08463 | 155.68458 | 106.25129 | 296.12377 |
| 77.95963 | 35.04222 | 92.12629 | 156.62711 | 106.29296 | 295.59646 |
| 78.00129 | 35.45312 | 92.16796 | 157.43122 | 106.33463 | 295.08177 |
| 78.04296 | 35.77524 | 92.20963 | 158.24565 | 106.37629 | 294.50315 |
| 78.08463 | 36.09371 | 92.25129 | 158.98209 | 106.41796 | 293.98705 |
| 78.12629 | 36.45315 | 92.29296 | 159.73575 | 106.45963 | 293.50328 |
| 78.16796 | 36.70152 | 92.33463 | 160.40225 | 106.50129 | 293.04364 |
| 78.20963 | 36.98086 | 92.37629 | 161.12581 | 106.54296 | 292.63942 |
| 78.25129 | 37.25589 | 92.41796 | 161.67250 | 106.58463 | 292.34528 |
| 78.29296 | 37.50349 | 92.45963 | 162.25967 | 106.62629 | 292.14668 |
| 78.33463 | 37.73423 | 92.50129 | 162.87304 | 106.66796 | 292.01899 |
| 78.37629 | 37.97929 | 92.54296 | 163.50169 | 106.70963 | 292.02699 |
| 78.41796 | 38.23202 | 92.58463 | 164.05823 | 106.75129 | 291.99859 |
| 78.45963 | 38.39369 | 92.62629 | 164.61325 | 106.79296 | 292.05041 |
| 78.50129 | 38.60706 | 92.66796 | 165.15055 | 106.83463 | 292.08263 |
| 78.54296 | 38.84637 | 92.70963 | 165.75683 | 106.87629 | 292.09850 |
| 78.58463 | 39.08849 | 92.75129 | 166.25379 | 106.91796 | 292.07307 |
| 78.62629 | 39.25016 | 92.79296 | 166.81913 | 106.95963 | 292.11303 |
| 78.66796 | 39.47153 | 92.83463 | 167.34719 | 107.00129 | 292.18986 |
| 78.70963 | 39.65122 | 92.87629 | 167.83585 | 107.04296 | 292.17002 |
| 78.75129 | 39.87365 | 92.91796 | 168.32605 | 107.08463 | 292.25492 |
| 78.79296 | 40.04418 | 92.95963 | 168.74602 | 107.12629 | 292.30413 |
| 78.83463 | 40.24391 | 93.00129 | 169.21515 | 107.16796 | 292.38085 |
| 78.87629 | 40.39951 | 93.04296 | 169.68815 | 107.20963 | 292.44909 |
| 78.91796 | 40.57523 | 93.08463 | 170.07360 | 107.25129 | 292.46438 |
| 78.95963 | 40.72983 | 93.12629 | 170.48667 | 107.29296 | 292.53830 |
| 79.00129 | 40.95086 | 93.16796 | 170.85910 | 107.33463 | 292.58032 |
| 79.04296 | 41.07225 | 93.20963 | 171.23491 | 107.37629 | 292.69047 |
| 79.08463 | 41.27659 | 93.25129 | 171.49680 | 107.41796 | 292.73804 |
| 79.12629 | 41.41930 | 93.29296 | 171.82380 | 107.45963 | 292.84472 |
| 79.16796 | 41.55575 | 93.33463 | 172.08362 | 107.50129 | 292.88863 |
| 79.20963 | 41.74175 | 93.37629 | 172.37930 | 107.54296 | 292.99795 |

| | | | | | |
|---|---|---|---|---|---|
| 79.25129 | 41.91499 | 93.41796 | 172.56462 | 107.58463 | 293.13903 |
| 79.29296 | 42.06253 | 93.45963 | 172.77135 | 107.62629 | 293.33951 |
| 79.33463 | 42.27307 | 93.50129 | 172.95848 | 107.66796 | 293.63621 |
| 79.37629 | 42.38373 | 93.54296 | 173.09463 | 107.70963 | 293.85480 |
| 79.41796 | 42.59271 | 93.58463 | 173.22007 | 107.75129 | 294.28065 |
| 79.45963 | 42.77153 | 93.62629 | 173.30655 | 107.79296 | 294.63125 |
| 79.50129 | 42.94121 | 93.66796 | 173.43860 | 107.83463 | 295.03220 |
| 79.54296 | 43.14197 | 93.70963 | 173.58319 | 107.87629 | 295.47266 |
| 79.58463 | 43.32932 | 93.75129 | 173.66172 | 107.91796 | 295.93667 |
| 79.62629 | 43.52323 | 93.79296 | 173.76470 | 107.95963 | 296.36454 |
| 79.66796 | 43.73037 | 93.83463 | 173.88408 | 108.00129 | 296.86599 |
| 79.70963 | 43.88242 | 93.87629 | 173.93885 | 108.04296 | 297.34782 |
| 79.75129 | 44.10530 | 93.91796 | 173.98967 | 108.08463 | 297.86604 |
| 79.79296 | 44.36228 | 93.95963 | 174.09101 | 108.12629 | 298.37651 |
| 79.83463 | 44.52370 | 94.00129 | 174.19358 | 108.16796 | 298.85277 |
| 79.87629 | 44.75378 | 94.04296 | 174.26206 | 108.20963 | 299.30116 |
| 79.91796 | 44.95282 | 94.08463 | 174.35568 | 108.25129 | 299.77239 |
| 79.95963 | 45.16710 | 94.12629 | 174.45489 | 108.29296 | 300.19242 |
| 80.00129 | 45.33569 | 94.16796 | 174.62003 | 108.33463 | 300.60307 |
| 80.04296 | 45.61242 | 94.20963 | 174.67493 | 108.37629 | 301.03204 |
| 80.08463 | 45.82222 | 94.25129 | 174.74206 | 108.41796 | 301.43118 |
| 80.12629 | 46.01621 | 94.29296 | 174.90808 | 108.45963 | 301.84631 |
| 80.16796 | 46.24515 | 94.33463 | 175.07563 | 108.50129 | 302.32247 |
| 80.20963 | 46.41943 | 94.37629 | 175.21639 | 108.54296 | 302.71826 |
| 80.25129 | 46.60817 | 94.41796 | 175.36434 | 108.58463 | 303.17292 |
| 80.29296 | 46.82953 | 94.45963 | 175.59064 | 108.62629 | 303.60785 |
| 80.33463 | 47.07054 | 94.50129 | 175.76498 | 108.66796 | 304.11148 |
| 80.37629 | 47.20452 | 94.54296 | 175.93908 | 108.70963 | 304.60901 |
| 80.41796 | 47.40697 | 94.58463 | 176.13894 | 108.75129 | 305.07969 |
| 80.45963 | 47.50944 | 94.62629 | 176.37748 | 108.79296 | 305.64540 |
| 80.50129 | 47.66337 | 94.66796 | 176.59082 | 108.83463 | 306.24585 |
| 80.54296 | 47.85984 | 94.70963 | 176.86682 | 108.87629 | 306.83527 |
| 80.58463 | 48.01624 | 94.75129 | 177.07549 | 108.91796 | 307.41170 |
| 80.62629 | 48.13697 | 94.79296 | 177.42176 | 108.95963 | 308.17166 |
| 80.66796 | 48.32882 | 94.83463 | 177.72510 | 109.00129 | 309.03836 |
| 80.70963 | 48.40434 | 94.87629 | 178.03454 | 109.04296 | 310.08573 |
| 80.75129 | 48.61444 | 94.91796 | 178.29770 | 109.08463 | 311.19574 |
| 80.79296 | 48.80831 | 94.95963 | 178.71316 | 109.12629 | 312.37726 |
| 80.83463 | 48.95410 | 95.00129 | 179.11279 | 109.16796 | 313.47430 |
| 80.87629 | 49.17733 | 95.04296 | 179.53449 | 109.20963 | 314.51555 |
| 80.91796 | 49.35065 | 95.08463 | 180.05559 | 109.25129 | 315.49647 |
| 80.95963 | 49.57111 | 95.12629 | 180.60694 | 109.29296 | 316.23472 |
| 81.00129 | 49.82201 | 95.16796 | 181.31390 | 109.33463 | 316.83272 |
| 81.04296 | 50.14875 | 95.20963 | 182.07231 | 109.37629 | 317.27834 |
| 81.08463 | 50.38649 | 95.25129 | 182.82138 | 109.41796 | 317.68594 |
| 81.12629 | 50.73077 | 95.29296 | 183.68289 | 109.45963 | 318.08942 |
| 81.16796 | 51.13981 | 95.33463 | 184.50114 | 109.50129 | 318.49196 |

| | | | | | |
|---|---|---|---|---|---|
| 81.20963 | 51.71515 | 95.37629 | 185.43930 | 109.54296 | 318.87011 |
| 81.25129 | 52.44499 | 95.41796 | 186.30701 | 109.58463 | 319.15107 |
| 81.29296 | 53.26460 | 95.45963 | 187.16506 | 109.62629 | 319.51435 |
| 81.33463 | 54.07366 | 95.50129 | 187.99858 | 109.66796 | 319.77451 |
| 81.37629 | 54.84715 | 95.54296 | 188.80152 | 109.70963 | 320.03312 |
| 81.41796 | 55.57237 | 95.58463 | 189.64485 | 109.75129 | 320.26695 |
| 81.45963 | 56.12311 | 95.62629 | 190.48051 | 109.79296 | 320.49448 |
| 81.50129 | 56.57764 | 95.66796 | 191.33830 | 109.83463 | 320.63085 |
| 81.54296 | 57.00926 | 95.70963 | 192.21172 | 109.87629 | 320.76634 |
| 81.58463 | 57.42808 | 95.75129 | 193.07837 | 109.91796 | 320.90002 |
| 81.62629 | 57.75908 | 95.79296 | 193.94291 | 109.95963 | 320.94352 |
| 81.66796 | 58.13550 | 95.83463 | 194.82460 | 110.00129 | 320.93503 |
| 81.70963 | 58.51295 | 95.87629 | 195.67749 | 110.04296 | 321.02716 |
| 81.75129 | 58.86442 | 95.91796 | 196.56915 | 110.08463 | 321.15078 |
| 81.79296 | 59.17841 | 95.95963 | 197.43621 | 110.12629 | 321.11519 |
| 81.83463 | 59.47076 | 96.00129 | 198.26200 | 110.16796 | 321.20538 |
| 81.87629 | 59.76052 | 96.04296 | 199.14787 | 110.20963 | 321.22277 |
| 81.91796 | 60.05712 | 96.08463 | 199.94750 | 110.25129 | 321.26894 |
| 81.95963 | 60.38783 | 96.12629 | 200.76315 | 110.29296 | 321.34769 |
| 82.00129 | 60.66616 | 96.16796 | 201.58433 | 110.33463 | 321.30484 |
| 82.04296 | 60.97620 | 96.20963 | 202.35072 | 110.37629 | 321.35032 |
| 82.08463 | 61.35813 | 96.25129 | 203.12698 | 110.41796 | 321.40734 |
| 82.12629 | 61.70884 | 96.29296 | 203.84035 | 110.45963 | 321.43658 |
| 82.16796 | 62.09622 | 96.33463 | 204.60207 | 110.50129 | 321.45151 |
| 82.20963 | 62.47270 | 96.37629 | 205.42995 | 110.54296 | 321.45196 |
| 82.25129 | 62.95628 | 96.41796 | 206.10124 | 110.58463 | 321.47932 |
| 82.29296 | 63.43170 | 96.45963 | 206.87802 | 110.62629 | 321.47084 |
| 82.33463 | 63.93384 | 96.50129 | 207.62214 | 110.66796 | 321.54395 |
| 82.37629 | 64.53230 | 96.54296 | 208.38092 | 110.70963 | 321.55809 |
| 82.41796 | 65.16039 | 96.58463 | 209.24456 | 110.75129 | 321.55046 |
| 82.45963 | 65.87998 | 96.62629 | 210.15669 | 110.79296 | 321.58276 |
| 82.50129 | 66.63218 | 96.66796 | 210.95537 | 110.83463 | 321.61085 |
| 82.54296 | 67.41229 | 96.70963 | 211.83582 | 110.87629 | 321.63886 |
| 82.58463 | 68.29287 | 96.75129 | 212.69768 | 110.91796 | 321.63049 |
| 82.62629 | 69.06610 | 96.79296 | 213.56038 | 110.95963 | 321.68585 |
| 82.66796 | 69.89761 | 96.83463 | 214.49407 | 111.00129 | 321.67477 |
| 82.70963 | 70.69749 | 96.87629 | 215.37781 | 111.04296 | 321.70961 |
| 82.75129 | 71.50861 | 96.91796 | 216.30662 | 111.08463 | 321.71791 |
| 82.79296 | 72.28394 | 96.95963 | 217.28322 | 111.12629 | 321.73739 |
| 82.83463 | 73.01440 | 97.00129 | 218.31993 | 111.16796 | 321.79362 |
| 82.87629 | 73.68084 | 97.04296 | 219.38069 | 111.20963 | 321.76437 |
| 82.91796 | 74.41317 | 97.08463 | 220.48704 | 111.25129 | 321.80583 |
| 82.95963 | 75.09592 | 97.12629 | 221.81273 | 111.29296 | 321.85915 |
| 83.00129 | 75.85050 | 97.16796 | 223.09649 | 111.33463 | 321.86946 |
| 83.04296 | 76.53755 | 97.20963 | 224.43491 | 111.37629 | 321.89982 |
| 83.08463 | 77.18803 | 97.25129 | 225.76742 | 111.41796 | 321.89597 |
| 83.12629 | 77.87791 | 97.29296 | 227.09511 | 111.45963 | 321.90331 |

| | | | | | |
|---|---|---|---|---|---|
| 83.16796 | 78.44825 | 97.33463 | 228.37920 | 111.50129 | 321.93798 |
| 83.20963 | 78.96070 | 97.37629 | 229.55287 | 111.54296 | 321.98534 |
| 83.25129 | 79.44015 | 97.41796 | 230.66342 | 111.58463 | 321.98988 |
| 83.29296 | 79.74338 | 97.45963 | 231.52746 | 111.62629 | 321.99857 |
| 83.33463 | 80.03240 | 97.50129 | 232.48409 | 111.66796 | 322.03907 |
| 83.37629 | 80.31435 | 97.54296 | 233.39418 | 111.70963 | 322.05566 |
| 83.41796 | 80.50128 | 97.58463 | 234.23144 | 111.75129 | 322.11053 |
| 83.45963 | 80.73426 | 97.62629 | 235.02081 | 111.79296 | 322.15153 |
| 83.50129 | 80.90401 | 97.66796 | 235.76177 | 111.83463 | 322.18340 |
| 83.54296 | 81.10021 | 97.70963 | 236.30592 | 111.87629 | 322.15406 |
| 83.58463 | 81.19934 | 97.75129 | 236.79850 | 111.91796 | 322.24230 |
| 83.62629 | 81.43182 | 97.79296 | 237.18550 | 111.95963 | 322.23321 |
| 83.66796 | 81.54973 | 97.83463 | 237.52994 | 112.00129 | 322.23184 |
| 83.70963 | 81.64887 | 97.87629 | 237.82239 | 112.04296 | 322.28831 |
| 83.75129 | 81.76532 | 97.91796 | 238.11901 | 112.08463 | 322.31937 |
| 83.79296 | 81.92821 | 97.95963 | 238.37140 | 112.12629 | 322.36241 |
| 83.83463 | 82.03450 | 98.00129 | 238.63712 | 112.16796 | 322.38428 |
| 83.87629 | 82.17437 | 98.04296 | 238.85403 | 112.20963 | 322.37665 |
| 83.91796 | 82.33996 | 98.08463 | 239.06245 | 112.25129 | 322.38820 |
| 83.95963 | 82.55628 | 98.12629 | 239.31358 | 112.29296 | 322.45215 |
| 84.00129 | 82.73957 | 98.16796 | 239.52349 | 112.33463 | 322.43134 |
| 84.04296 | 82.87627 | 98.20963 | 239.69165 | 112.37629 | 322.51064 |
| 84.08463 | 83.09905 | 98.25129 | 239.87191 | 112.41796 | 322.50174 |
| 84.12629 | 83.40917 | 98.29296 | 240.03797 | 112.45963 | 322.53176 |
| 84.16796 | 83.67379 | 98.33463 | 240.23230 | 112.50129 | 322.54405 |
| 84.20963 | 83.94017 | 98.37629 | 240.37205 | 112.54296 | 322.58932 |
| 84.25129 | 84.24810 | 98.41796 | 240.53906 | 112.58463 | 322.57872 |
| 84.29296 | 84.62212 | 98.45963 | 240.67579 | 112.62629 | 322.60949 |
| 84.33463 | 84.98311 | 98.50129 | 240.79833 | 112.66796 | 322.60153 |
| 84.37629 | 85.34080 | 98.54296 | 240.93304 | 112.70963 | 322.69522 |
| 84.41796 | 85.74933 | 98.58463 | 241.13873 | 112.75129 | 322.62307 |
| 84.45963 | 86.17229 | 98.62629 | 241.23454 | 112.79296 | 322.62449 |
| 84.50129 | 86.61349 | 98.66796 | 241.45342 | 112.83463 | 322.69584 |
| 84.54296 | 87.05714 | 98.70963 | 241.58821 | 112.87629 | 322.65833 |
| 84.58463 | 87.51316 | 98.75129 | 241.73037 | 112.91796 | 322.70926 |
| 84.62629 | 88.01386 | 98.79296 | 241.85084 | 112.95963 | 322.69901 |
| 84.66796 | 88.56589 | 98.83463 | 241.99447 | 113.00129 | 322.73185 |
| 84.70963 | 89.04809 | 98.87629 | 242.13445 | 113.04296 | 322.70960 |
| 84.75129 | 89.57611 | 98.91796 | 242.20676 | 113.08463 | 322.73269 |
| 84.79296 | 90.16997 | 98.95963 | 242.34369 | 113.12629 | 322.73837 |
| 84.83463 | 90.69514 | 99.00129 | 242.46489 | 113.16796 | 322.73225 |
| 84.87629 | 91.34147 | 99.04296 | 242.55959 | 113.20963 | 322.74690 |
| 84.91796 | 92.00723 | 99.08463 | 242.64883 | 113.25129 | 322.71684 |
| 84.95963 | 92.63236 | 99.12629 | 242.73168 | 113.29296 | 322.72357 |
| 85.00129 | 93.35328 | 99.16796 | 242.89136 | 113.33463 | 322.72608 |
| 85.04296 | 94.05301 | 99.20963 | 242.97297 | 113.37629 | 322.71563 |
| 85.08463 | 94.80272 | 99.25129 | 243.13348 | 113.41796 | 322.64566 |

| | | | | | |
|---|---|---|---|---|---|
| 85.12629 | 95.56031 | 99.29296 | 243.23142 | 113.45963 | 322.58392 |
| 85.16796 | 96.38185 | 99.33463 | 243.39984 | 113.50129 | 322.55238 |
| 85.20963 | 97.17900 | 99.37629 | 243.54520 | 113.54296 | 322.47325 |
| 85.25129 | 97.94660 | 99.41796 | 243.69429 | 113.58463 | 322.41554 |
| 85.29296 | 98.78704 | 99.45963 | 243.92416 | 113.62629 | 322.35411 |
| 85.33463 | 99.58317 | 99.50129 | 244.13294 | 113.66796 | 322.28415 |
| 85.37629 | 100.38035 | 99.54296 | 244.42440 | 113.70963 | 322.22790 |
| 85.41796 | 101.22563 | 99.58463 | 244.72900 | 113.75129 | 322.15367 |
| 85.45963 | 102.02526 | 99.62629 | 245.10277 | 113.79296 | 322.05140 |
| 85.50129 | 102.88205 | 99.66796 | 245.40068 | 113.83463 | 322.02478 |
| 85.54296 | 103.67029 | 99.70963 | 245.84458 | 113.87629 | 321.89993 |
| 85.58463 | 104.48043 | 99.75129 | 246.24798 | 113.91796 | 321.88330 |
| 85.62629 | 105.29768 | 99.79296 | 246.69967 | 113.95963 | 321.73321 |
| 85.66796 | 106.20978 | 99.83463 | 247.12282 | 114.00129 | 321.68613 |
| 85.70963 | 107.10002 | 99.87629 | 247.59000 | 114.04296 | 321.61990 |
| 85.75129 | 108.11724 | 99.91796 | 248.04977 | 114.08463 | 321.59854 |
| 85.79296 | 109.14884 | 99.95963 | 248.51016 | 114.12629 | 321.53975 |
| 85.83463 | 110.22668 | 100.00129 | 248.98051 | 114.16796 | 321.50716 |
| 85.87629 | 111.32784 | 100.04296 | 249.51823 | 114.20963 | 321.42823 |
| 85.91796 | 112.46394 | 100.08463 | 249.94226 | 114.25129 | 321.44895 |
| 85.95963 | 113.60453 | 100.12629 | 250.43514 | 114.29296 | 321.35273 |
| 86.00129 | 114.73496 | 100.16796 | 250.88411 | 114.33463 | 321.39424 |
| 86.04296 | 115.79422 | 100.20963 | 251.29849 | 114.37629 | 321.37636 |
| 86.08463 | 116.85835 | 100.25129 | 251.79968 | 114.41796 | 321.33962 |
| 86.12629 | 117.77326 | 100.29296 | 252.25698 | 114.45963 | 321.39686 |
| 86.16796 | 118.70984 | 100.33463 | 252.76149 | 114.50129 | 321.43450 |
| 86.20963 | 119.61031 | 100.37629 | 253.19773 | 114.54296 | 321.39373 |
| 86.25129 | 120.33476 | 100.41796 | 253.72958 | 114.58463 | 321.41789 |
| 86.29296 | 120.98517 | 100.45963 | 254.21226 | 114.62629 | 321.47916 |
| 86.33463 | 121.53028 | 100.50129 | 254.74446 | 114.66796 | 321.50194 |
| 86.37629 | 121.95858 | 100.54296 | 255.25312 | 114.70963 | 321.53828 |
| 86.41796 | 122.19840 | 100.58463 | 255.79489 | 114.75129 | 321.57264 |
| 86.45963 | 122.36624 | 100.62629 | 256.34061 | 114.79296 | 321.62040 |
| 86.50129 | 122.48659 | 100.66796 | 256.82059 | 114.83463 | 321.68004 |
| 86.54296 | 122.59987 | 100.70963 | 257.37443 | 114.87629 | 321.75353 |
| 86.58463 | 122.66424 | 100.75129 | 257.87628 | 114.91796 | 321.82165 |
| 86.62629 | 122.79413 | 100.79296 | 258.38133 | 114.95963 | 321.91929 |
| 86.66796 | 122.84529 | 100.83463 | 258.93043 | 115.00129 | 321.93785 |
| 86.70963 | 122.95036 | 100.87629 | 259.45701 | 115.04296 | 322.07071 |
| 86.75129 | 123.04280 | 100.91796 | 259.96028 | 115.08463 | 322.08705 |
| 86.79296 | 123.12010 | 100.95963 | 260.46682 | 115.12629 | 322.26273 |
| 86.83463 | 123.17520 | 101.00129 | 261.02418 | 115.16796 | 322.28446 |
| 86.87629 | 123.19601 | 101.04296 | 261.47453 | 115.20963 | 322.40522 |
| 86.91796 | 123.28822 | 101.08463 | 262.01198 | 115.25129 | 322.50386 |
| 86.95963 | 123.37881 | 101.12629 | 262.50911 | 115.29296 | 322.59080 |
| 87.00129 | 123.41119 | 101.16796 | 262.96923 | 115.33463 | 322.71641 |
| 87.04296 | 123.45190 | 101.20963 | 263.39763 | 115.37629 | 322.79891 |

| | | | | | |
|---|---|---|---|---|---|
| 87.08463 | 123.46459 | 101.25129 | 263.90572 | 115.41796 | 322.95923 |
| 87.12629 | 123.53765 | 101.29296 | 264.33516 | 115.45963 | 323.09839 |
| 87.16796 | 123.60214 | 101.33463 | 264.77172 | 115.50129 | 323.18135 |
| 87.20963 | 123.59669 | 101.37629 | 265.16623 | 115.54296 | 323.34055 |
| 87.25129 | 123.64213 | 101.41796 | 265.57603 | 115.58463 | 323.44205 |
| 87.29296 | 123.68934 | 101.45963 | 265.98857 | 115.62629 | 323.58951 |
| 87.33463 | 123.70111 | 101.50129 | 266.34903 | 115.66797 | 323.72340 |
| 87.37629 | 123.70836 | 101.54296 | 266.75141 | 115.70959 | 323.84128 |
| 87.41796 | 123.70258 | 101.58463 | 267.13792 | 115.75143 | 324.02964 |
| 87.45963 | 123.72204 | 101.62629 | 267.56544 | 115.79234 | 324.20815 |
| 87.50129 | 123.76595 | 101.66796 | 267.89148 | 115.83613 | 324.39681 |
| 87.54296 | 123.71660 | 101.70963 | 268.31893 | 115.85269 | 324.49998 |

SeDep10

| Julian Date | Mass | Julian Date | Mass | Julian Date | Mass |
|---|---|---|---|---|---|
| 73.48493 | 3.44433 | 86.48577 | 38.05848 | 99.48577 | 103.75390 |
| 73.52782 | 3.60235 | 86.52744 | 38.13591 | 99.52744 | 103.91263 |
| 73.56903 | 3.77580 | 86.56911 | 38.18100 | 99.56911 | 104.08691 |
| 73.61079 | 3.91602 | 86.61077 | 38.15659 | 99.61077 | 104.26688 |
| 73.65244 | 4.00781 | 86.65244 | 38.19429 | 99.65244 | 104.36061 |
| 73.69411 | 4.07451 | 86.69411 | 38.28938 | 99.69411 | 104.43312 |
| 73.73577 | 4.12572 | 86.73577 | 38.25995 | 99.73577 | 104.45243 |
| 73.77744 | 4.18465 | 86.77744 | 38.33554 | 99.77744 | 104.53605 |
| 73.81911 | 4.23554 | 86.81911 | 38.43445 | 99.81911 | 104.58824 |
| 73.86077 | 4.24833 | 86.86077 | 38.41786 | 99.86077 | 104.65339 |
| 73.90244 | 4.27663 | 86.90244 | 38.55729 | 99.90244 | 104.66620 |
| 73.94411 | 4.32614 | 86.94411 | 38.68966 | 99.94411 | 104.69636 |
| 73.98577 | 4.35878 | 86.98577 | 38.77097 | 99.98577 | 104.73651 |
| 74.02744 | 4.35857 | 87.02744 | 38.86059 | 100.02744 | 104.72446 |
| 74.06911 | 4.37738 | 87.06911 | 39.02524 | 100.06911 | 104.77538 |
| 74.11077 | 4.39844 | 87.11077 | 39.13437 | 100.11077 | 104.79852 |
| 74.15244 | 4.50004 | 87.15244 | 39.31813 | 100.15244 | 104.82566 |
| 74.19411 | 4.53660 | 87.19411 | 39.45444 | 100.19411 | 104.86775 |
| 74.23577 | 4.49352 | 87.23577 | 39.54019 | 100.23577 | 104.97530 |
| 74.27744 | 4.54223 | 87.27744 | 39.65565 | 100.27744 | 105.17815 |
| 74.31911 | 4.57443 | 87.31911 | 39.82971 | 100.31911 | 105.53381 |
| 74.36077 | 4.60565 | 87.36077 | 39.92129 | 100.36077 | 105.95022 |
| 74.40244 | 4.61814 | 87.40244 | 40.05664 | 100.40244 | 106.52009 |
| 74.44411 | 4.64388 | 87.44411 | 40.16399 | 100.44411 | 107.11597 |
| 74.48577 | 4.66492 | 87.48577 | 40.29970 | 100.48577 | 107.75839 |
| 74.52744 | 4.67591 | 87.52744 | 40.42541 | 100.52744 | 108.45900 |
| 74.56911 | 4.69482 | 87.56911 | 40.52132 | 100.56911 | 109.13366 |
| 74.61077 | 4.72981 | 87.61077 | 40.63723 | 100.61077 | 109.80709 |
| 74.65244 | 4.77080 | 87.65244 | 40.76992 | 100.65244 | 110.73266 |
| 74.69411 | 4.82908 | 87.69411 | 40.87854 | 100.69411 | 111.63218 |
| 74.73577 | 4.83558 | 87.73577 | 41.04622 | 100.73577 | 112.53675 |
| 74.77744 | 4.88021 | 87.77744 | 41.17106 | 100.77744 | 113.03327 |
| 74.81911 | 4.88500 | 87.81911 | 41.22368 | 100.81911 | 113.25700 |
| 74.86077 | 4.92662 | 87.86077 | 41.29678 | 100.86077 | 113.30953 |
| 74.90244 | 4.99670 | 87.90244 | 41.41312 | 100.90244 | 113.32722 |
| 74.94411 | 5.00278 | 87.94411 | 41.45821 | 100.94411 | 113.41182 |
| 74.98577 | 5.08976 | 87.98577 | 41.54129 | 100.98577 | 113.36681 |
| 75.02744 | 5.14764 | 88.02744 | 41.55139 | 101.02744 | 113.44897 |
| 75.06911 | 5.26561 | 88.06911 | 41.58731 | 101.06911 | 113.40826 |
| 75.11077 | 5.36970 | 88.11077 | 41.65263 | 101.11077 | 113.42739 |
| 75.15244 | 5.47555 | 88.15244 | 41.65952 | 101.15244 | 113.45468 |
| 75.19411 | 5.58896 | 88.19411 | 41.67012 | 101.19411 | 113.47456 |
| 75.23577 | 5.71539 | 88.23577 | 41.69275 | 101.23577 | 113.50314 |
| 75.27744 | 5.92689 | 88.27744 | 41.67187 | 101.27744 | 113.53536 |
| 75.31911 | 6.04016 | 88.31911 | 41.65100 | 101.31911 | 113.63104 |
| 75.36077 | 6.19493 | 88.36077 | 41.63676 | 101.36077 | 113.65836 |

| | | | | | |
|---|---|---|---|---|---|
| 75.40244 | 6.42576 | 88.40244 | 41.64735 | 101.40244 | 113.81803 |
| 75.44411 | 6.57496 | 88.44411 | 41.68009 | 101.44411 | 114.16221 |
| 75.48577 | 6.77835 | 88.48577 | 41.68230 | 101.48577 | 114.52843 |
| 75.52744 | 7.01169 | 88.52744 | 41.64400 | 101.52744 | 115.11429 |
| 75.56911 | 7.31224 | 88.56911 | 41.67715 | 101.56911 | 115.72413 |
| 75.61077 | 7.78088 | 88.61077 | 41.66488 | 101.61077 | 116.42266 |
| 75.65244 | 8.21414 | 88.65244 | 41.67570 | 101.65244 | 117.08745 |
| 75.69411 | 8.68850 | 88.69411 | 41.68656 | 101.69411 | 117.72903 |
| 75.73577 | 9.10680 | 88.73577 | 41.65114 | 101.73577 | 118.53874 |
| 75.77744 | 9.46577 | 88.77744 | 41.68354 | 101.77744 | 119.49848 |
| 75.81911 | 9.83117 | 88.81911 | 41.75956 | 101.81911 | 120.56720 |
| 75.86077 | 10.00261 | 88.86077 | 41.78342 | 101.86077 | 121.57967 |
| 75.90244 | 10.15866 | 88.90244 | 42.00480 | 101.90244 | 122.44235 |
| 75.94411 | 10.23048 | 88.94411 | 42.15217 | 101.94411 | 123.16126 |
| 75.98577 | 10.30382 | 88.98577 | 42.38439 | 101.98577 | 123.64569 |
| 76.02744 | 10.40320 | 89.02744 | 42.59852 | 102.02744 | 123.84705 |
| 76.06911 | 10.48173 | 89.06911 | 42.86207 | 102.06911 | 123.93010 |
| 76.11077 | 10.53085 | 89.11077 | 43.10311 | 102.11077 | 124.05592 |
| 76.15244 | 10.57160 | 89.15244 | 43.35160 | 102.15244 | 124.13893 |
| 76.19411 | 10.64642 | 89.19411 | 43.68074 | 102.19411 | 124.25761 |
| 76.23577 | 10.71450 | 89.23577 | 44.09840 | 102.23577 | 124.36237 |
| 76.27744 | 10.71924 | 89.27744 | 44.46445 | 102.27744 | 124.41718 |
| 76.31911 | 10.81722 | 89.31911 | 44.94435 | 102.31910 | 124.51809 |
| 76.36077 | 10.86667 | 89.36077 | 45.33813 | 102.36077 | 124.50638 |
| 76.40244 | 10.98946 | 89.40244 | 45.77130 | 102.40244 | 124.58973 |
| 76.44411 | 11.02638 | 89.44411 | 46.22852 | 102.44411 | 124.65068 |
| 76.48577 | 11.09028 | 89.48577 | 46.66321 | 102.48577 | 124.67396 |
| 76.52744 | 11.18749 | 89.52744 | 46.99458 | 102.52744 | 124.65425 |
| 76.56911 | 11.27485 | 89.56911 | 47.36958 | 102.56910 | 124.66895 |
| 76.61077 | 11.34893 | 89.61077 | 47.67931 | 102.61077 | 124.67453 |
| 76.65244 | 11.46963 | 89.65244 | 47.91283 | 102.65244 | 124.50253 |
| 76.69411 | 11.54999 | 89.69411 | 48.07556 | 102.69411 | 124.40123 |
| 76.73577 | 11.65152 | 89.73577 | 48.26188 | 102.73577 | 124.33445 |
| 76.77744 | 11.74130 | 89.77744 | 48.42960 | 102.77744 | 124.21262 |
| 76.81911 | 11.84355 | 89.81911 | 48.66676 | 102.81911 | 124.10478 |
| 76.86077 | 11.91885 | 89.86077 | 48.91501 | 102.86077 | 123.96082 |
| 76.90244 | 12.08172 | 89.90244 | 49.22809 | 102.90244 | 123.83265 |
| 76.94411 | 12.19532 | 89.94411 | 49.71228 | 102.94411 | 123.80106 |
| 76.98577 | 12.35696 | 89.98577 | 50.26136 | 102.98577 | 123.74352 |
| 77.02744 | 12.56695 | 90.02744 | 50.87985 | 103.02744 | 123.79709 |
| 77.06911 | 12.75959 | 90.06911 | 51.54809 | 103.06911 | 124.04256 |
| 77.11077 | 12.93186 | 90.11077 | 52.20888 | 103.11077 | 124.66888 |
| 77.15244 | 13.09237 | 90.15244 | 52.92169 | 103.15244 | 125.39179 |
| 77.19411 | 13.24216 | 90.19411 | 53.47568 | 103.19411 | 126.24969 |
| 77.23577 | 13.35588 | 90.23577 | 53.95457 | 103.23577 | 127.09628 |
| 77.27744 | 13.50960 | 90.27744 | 54.34634 | 103.27744 | 127.81430 |
| 77.31911 | 13.60431 | 90.31911 | 54.70430 | 103.31911 | 128.32345 |

| | | | | | |
|---|---|---|---|---|---|
| 77.36077 | 13.69071 | 90.36077 | 55.00816 | 103.36077 | 128.69095 |
| 77.40244 | 13.66879 | 90.40244 | 55.27962 | 103.40244 | 128.98709 |
| 77.44411 | 13.65586 | 90.44411 | 55.54991 | 103.44411 | 129.14475 |
| 77.48577 | 13.57266 | 90.48577 | 55.80905 | 103.48577 | 129.36551 |
| 77.52744 | 13.35782 | 90.52744 | 56.06265 | 103.52744 | 129.57372 |
| 77.56911 | 13.08797 | 90.56911 | 56.32988 | 103.56911 | 129.80003 |
| 77.61077 | 12.81860 | 90.61077 | 56.57456 | 103.61077 | 130.14686 |
| 77.65244 | 12.46679 | 90.65244 | 56.85442 | 103.65244 | 130.59739 |
| 77.69411 | 12.15636 | 90.69411 | 57.18099 | 103.69411 | 131.44971 |
| 77.73577 | 11.76916 | 90.73577 | 57.60638 | 103.73577 | 134.07569 |
| 77.77744 | 11.38900 | 90.77744 | 58.00819 | 103.77744 | 136.34563 |
| 77.81911 | 11.10428 | 90.81911 | 58.57601 | 103.81911 | 138.10899 |
| 77.86077 | 10.89173 | 90.86077 | 59.26055 | 103.86077 | 139.35798 |
| 77.90244 | 10.65001 | 90.90244 | 59.93051 | 103.90244 | 139.86267 |
| 77.94411 | 10.45944 | 90.94411 | 60.71128 | 103.94411 | 140.00329 |
| 77.98577 | 10.35867 | 90.98577 | 61.40953 | 103.98577 | 140.17769 |
| 78.02744 | 10.31188 | 91.02744 | 62.15688 | 104.02744 | 140.23194 |
| 78.06911 | 10.20460 | 91.06911 | 62.78241 | 104.06911 | 140.28412 |
| 78.11077 | 10.17518 | 91.11077 | 63.38917 | 104.11077 | 140.38626 |
| 78.15244 | 10.09184 | 91.15244 | 63.83360 | 104.15244 | 140.39745 |
| 78.19411 | 10.04546 | 91.19411 | 64.17721 | 104.19411 | 140.47218 |
| 78.23577 | 10.05693 | 91.23577 | 64.47242 | 104.23577 | 140.52103 |
| 78.27744 | 10.00280 | 91.27744 | 64.71998 | 104.27744 | 140.64231 |
| 78.31911 | 10.05662 | 91.31911 | 64.92394 | 104.31911 | 140.64446 |
| 78.36077 | 10.05373 | 91.36077 | 65.11236 | 104.36077 | 140.82080 |
| 78.40244 | 10.03348 | 91.40244 | 65.27144 | 104.40244 | 140.90122 |
| 78.44411 | 10.02844 | 91.44411 | 65.44892 | 104.44411 | 141.05185 |
| 78.48577 | 10.03384 | 91.48577 | 65.58889 | 104.48577 | 141.18051 |
| 78.52744 | 10.03158 | 91.52744 | 65.80524 | 104.52744 | 141.33583 |
| 78.56911 | 10.03039 | 91.56911 | 65.95594 | 104.56911 | 141.48820 |
| 78.61077 | 10.04543 | 91.61077 | 66.10181 | 104.61077 | 141.69115 |
| 78.65244 | 10.01511 | 91.65244 | 66.23437 | 104.65244 | 141.82617 |
| 78.69411 | 10.04668 | 91.69411 | 66.32071 | 104.69410 | 142.09818 |
| 78.73577 | 9.97665 | 91.73577 | 66.46356 | 104.73577 | 142.41729 |
| 78.77744 | 10.01875 | 91.77744 | 66.57819 | 104.77744 | 142.83088 |
| 78.81911 | 10.09724 | 91.81911 | 66.71300 | 104.81911 | 143.33781 |
| 78.86077 | 10.08128 | 91.86077 | 66.83535 | 104.86077 | 143.89150 |
| 78.90244 | 10.15698 | 91.90244 | 66.92662 | 104.90244 | 144.48554 |
| 78.94411 | 10.34477 | 91.94411 | 66.99217 | 104.94411 | 145.09271 |
| 78.98577 | 10.47544 | 91.98577 | 67.11541 | 104.98577 | 145.60617 |
| 79.02744 | 10.69705 | 92.02744 | 67.20829 | 105.02744 | 146.12619 |
| 79.06911 | 10.87167 | 92.06911 | 67.32489 | 105.06910 | 146.84199 |
| 79.11077 | 11.04704 | 92.11077 | 67.39717 | 105.11077 | 147.46298 |
| 79.15244 | 11.19908 | 92.15244 | 67.49951 | 105.15244 | 148.14438 |
| 79.19411 | 11.41549 | 92.19411 | 67.60294 | 105.19411 | 148.72666 |
| 79.23577 | 11.58827 | 92.23577 | 67.74350 | 105.23577 | 149.10981 |
| 79.27744 | 11.75993 | 92.27744 | 67.84321 | 105.27744 | 149.39419 |

| | | | | | |
|---|---|---|---|---|---|
| 79.31911 | 11.92810 | 92.31911 | 67.98315 | 105.31911 | 149.43794 |
| 79.36077 | 12.12725 | 92.36077 | 68.11014 | 105.36077 | 149.42955 |
| 79.40244 | 12.32758 | 92.40244 | 68.29904 | 105.40244 | 149.43344 |
| 79.44411 | 12.49194 | 92.44411 | 68.50172 | 105.44410 | 149.44247 |
| 79.48577 | 12.66866 | 92.48577 | 68.85632 | 105.48577 | 149.41052 |
| 79.52744 | 12.80367 | 92.52744 | 69.20594 | 105.52744 | 149.43082 |
| 79.56911 | 12.88304 | 92.56911 | 69.55111 | 105.56911 | 149.42057 |
| 79.61077 | 13.00568 | 92.61077 | 69.83683 | 105.61077 | 149.41520 |
| 79.65244 | 13.15404 | 92.65244 | 70.07414 | 105.65244 | 149.42445 |
| 79.69411 | 13.19092 | 92.69411 | 70.17512 | 105.69410 | 149.42716 |
| 79.73577 | 13.28620 | 92.73577 | 70.29756 | 105.73577 | 149.44298 |
| 79.77744 | 13.35791 | 92.77744 | 70.34286 | 105.77744 | 149.42936 |
| 79.81911 | 13.46511 | 92.81911 | 70.44449 | 105.81910 | 149.41726 |
| 79.86077 | 13.55346 | 92.86077 | 70.44540 | 105.86077 | 149.45133 |
| 79.90244 | 13.59527 | 92.90244 | 70.49556 | 105.90244 | 149.44722 |
| 79.94411 | 13.73204 | 92.94411 | 70.53286 | 105.94411 | 149.39422 |
| 79.98577 | 13.82072 | 92.98577 | 70.57975 | 105.98577 | 149.40124 |
| 80.02744 | 13.93398 | 93.02744 | 70.65487 | 106.02744 | 149.44774 |
| 80.06911 | 14.08722 | 93.06911 | 70.74686 | 106.06910 | 149.41826 |
| 80.11077 | 14.24388 | 93.11077 | 70.85153 | 106.11077 | 149.38717 |
| 80.15244 | 14.39038 | 93.15244 | 70.92137 | 106.15244 | 149.44603 |
| 80.19411 | 14.65102 | 93.19411 | 71.15246 | 106.19411 | 149.47843 |
| 80.23577 | 14.92664 | 93.23577 | 71.57937 | 106.23577 | 149.40861 |
| 80.27744 | 15.28970 | 93.27744 | 72.06295 | 106.27744 | 149.39592 |
| 80.31911 | 15.69938 | 93.31911 | 72.63695 | 106.31911 | 149.40650 |
| 80.36077 | 16.10956 | 93.36077 | 73.38581 | 106.36077 | 149.38643 |
| 80.40244 | 16.46053 | 93.40244 | 74.32615 | 106.40244 | 149.44225 |
| 80.44411 | 16.91951 | 93.44411 | 75.32354 | 106.44411 | 149.41781 |
| 80.48577 | 17.37130 | 93.48577 | 76.17359 | 106.48577 | 149.45447 |
| 80.52744 | 17.75109 | 93.52744 | 76.94772 | 106.52744 | 149.43013 |
| 80.56911 | 18.18863 | 93.56911 | 77.41038 | 106.56911 | 149.40966 |
| 80.61077 | 18.58844 | 93.61077 | 77.64283 | 106.61077 | 149.38948 |
| 80.65244 | 18.89412 | 93.65244 | 77.89289 | 106.65244 | 149.37682 |
| 80.69411 | 19.23261 | 93.69411 | 78.12710 | 106.69410 | 149.42496 |
| 80.73577 | 19.54308 | 93.73577 | 78.31594 | 106.73577 | 149.44784 |
| 80.77744 | 19.80952 | 93.77744 | 78.44532 | 106.77744 | 149.52944 |
| 80.81911 | 19.99842 | 93.81911 | 78.58140 | 106.81910 | 149.56867 |
| 80.86077 | 20.08921 | 93.86077 | 78.69495 | 106.86077 | 149.60561 |
| 80.90244 | 20.14387 | 93.90244 | 78.84813 | 106.90244 | 149.65207 |
| 80.94411 | 20.12774 | 93.94411 | 78.93828 | 106.94411 | 149.80107 |
| 80.98577 | 20.15813 | 93.98577 | 79.04651 | 106.98577 | 149.86125 |
| 81.02744 | 20.07859 | 94.02744 | 79.11967 | 107.02744 | 149.94971 |
| 81.06911 | 20.13312 | 94.06911 | 79.21815 | 107.06910 | 150.05082 |
| 81.11077 | 20.09587 | 94.11077 | 79.29967 | 107.11077 | 150.18311 |
| 81.15244 | 20.09447 | 94.15244 | 79.29941 | 107.15244 | 150.35034 |
| 81.19411 | 20.11132 | 94.19411 | 79.38815 | 107.19411 | 150.56475 |
| 81.23577 | 20.12183 | 94.23577 | 79.41583 | 107.23577 | 150.78918 |

| | | | | | |
|---|---|---|---|---|---|
| 81.27744 | 20.12284 | 94.27744 | 79.45899 | 107.27744 | 151.17487 |
| 81.31911 | 20.14277 | 94.31911 | 79.48906 | 107.31911 | 152.17574 |
| 81.36077 | 20.15568 | 94.36077 | 79.50562 | 107.36077 | 153.49920 |
| 81.40244 | 20.10180 | 94.40244 | 79.54432 | 107.40244 | 154.67153 |
| 81.44411 | 20.11776 | 94.44411 | 79.56427 | 107.44411 | 155.35787 |
| 81.48577 | 20.10017 | 94.48577 | 79.60873 | 107.48577 | 155.91856 |
| 81.52744 | 20.08873 | 94.52744 | 79.63012 | 107.52744 | 156.45479 |
| 81.56911 | 20.13482 | 94.56911 | 79.67443 | 107.56911 | 156.87874 |
| 81.61077 | 20.06686 | 94.61077 | 79.75427 | 107.61077 | 157.32327 |
| 81.65244 | 20.15442 | 94.65244 | 79.79632 | 107.65244 | 157.77836 |
| 81.69411 | 20.09670 | 94.69411 | 79.87530 | 107.69411 | 158.27291 |
| 81.73577 | 20.12207 | 94.73577 | 79.88096 | 107.73577 | 158.84043 |
| 81.77744 | 20.13596 | 94.77744 | 79.96307 | 107.77744 | 159.54488 |
| 81.81911 | 20.07428 | 94.81911 | 80.04191 | 107.81911 | 160.30670 |
| 81.86077 | 20.08597 | 94.86077 | 80.12378 | 107.86077 | 161.00784 |
| 81.90244 | 19.99804 | 94.90244 | 80.20824 | 107.90244 | 161.61841 |
| 81.94411 | 19.90838 | 94.94411 | 80.26492 | 107.94410 | 161.96830 |
| 81.98577 | 19.80762 | 94.98577 | 80.37256 | 107.98577 | 162.39413 |
| 82.02744 | 19.65346 | 95.02744 | 80.47539 | 108.02744 | 162.69484 |
| 82.06911 | 19.53684 | 95.06911 | 80.58769 | 108.06910 | 162.98005 |
| 82.11077 | 19.38598 | 95.11077 | 80.69994 | 108.11077 | 163.24802 |
| 82.15244 | 19.23938 | 95.15244 | 80.82902 | 108.15244 | 163.51714 |
| 82.19411 | 19.09191 | 95.19411 | 80.95449 | 108.19410 | 163.70241 |
| 82.23577 | 18.91754 | 95.23577 | 81.10770 | 108.23577 | 163.88852 |
| 82.27744 | 18.77402 | 95.27744 | 81.22332 | 108.27744 | 164.03103 |
| 82.31911 | 18.60209 | 95.31911 | 81.39065 | 108.31911 | 164.25839 |
| 82.36077 | 18.48108 | 95.36077 | 81.57413 | 108.36077 | 164.32373 |
| 82.40244 | 18.36679 | 95.40244 | 81.76533 | 108.40244 | 164.42650 |
| 82.44411 | 18.19170 | 95.44411 | 81.95166 | 108.44411 | 164.58333 |
| 82.48577 | 18.02668 | 95.48577 | 82.10910 | 108.48577 | 164.62591 |
| 82.52744 | 17.87987 | 95.52744 | 82.34259 | 108.52744 | 164.76089 |
| 82.56911 | 17.69467 | 95.56911 | 82.55806 | 108.56911 | 164.80342 |
| 82.61077 | 17.55551 | 95.61077 | 82.90748 | 108.61077 | 164.92319 |
| 82.65244 | 17.46039 | 95.65244 | 83.33758 | 108.65244 | 164.99117 |
| 82.69411 | 17.39607 | 95.69411 | 83.98948 | 108.69411 | 165.03069 |
| 82.73577 | 17.36849 | 95.73577 | 84.58192 | 108.73577 | 165.17148 |
| 82.77744 | 17.37465 | 95.77744 | 85.29915 | 108.77744 | 165.19365 |
| 82.81911 | 17.35704 | 95.81911 | 86.06002 | 108.81910 | 165.31934 |
| 82.86077 | 17.36010 | 95.86077 | 86.81940 | 108.86077 | 165.38804 |
| 82.90244 | 17.39849 | 95.90244 | 87.50623 | 108.90244 | 165.46681 |
| 82.94411 | 17.31813 | 95.94411 | 88.19669 | 108.94411 | 165.49755 |
| 82.98577 | 17.37897 | 95.98577 | 88.83692 | 108.98577 | 165.54964 |
| 83.02744 | 17.36367 | 96.02744 | 89.35523 | 109.02744 | 165.63284 |
| 83.06911 | 17.35570 | 96.06911 | 89.92231 | 109.06910 | 165.72138 |
| 83.11077 | 17.39938 | 96.11077 | 90.36385 | 109.11077 | 165.76066 |
| 83.15244 | 17.54700 | 96.15244 | 90.80776 | 109.15244 | 165.85709 |
| 83.19411 | 17.61759 | 96.19411 | 91.28911 | 109.19411 | 165.88097 |

| | | | | | |
|---|---|---|---|---|---|
| 83.23577 | 17.93794 | 96.23577 | 91.73569 | 109.23577 | 165.94484 |
| 83.27744 | 18.19244 | 96.27744 | 92.13292 | 109.27744 | 166.11112 |
| 83.31911 | 18.72694 | 96.31911 | 92.57384 | 109.31910 | 166.12923 |
| 83.36077 | 19.72659 | 96.36077 | 92.93782 | 109.36077 | 166.20775 |
| 83.40244 | 20.72754 | 96.40244 | 93.30865 | 109.40244 | 166.28598 |
| 83.44411 | 21.21089 | 96.44411 | 93.59094 | 109.44410 | 166.39535 |
| 83.48577 | 21.47232 | 96.48577 | 93.87154 | 109.48577 | 166.51276 |
| 83.52744 | 21.67752 | 96.52744 | 94.15718 | 109.52744 | 166.65533 |
| 83.56911 | 21.82083 | 96.56911 | 94.40392 | 109.56911 | 166.81861 |
| 83.61077 | 22.01220 | 96.61077 | 94.66606 | 109.61077 | 166.97278 |
| 83.65244 | 22.19657 | 96.65244 | 94.91782 | 109.65244 | 167.20827 |
| 83.69411 | 22.44064 | 96.69411 | 95.11031 | 109.69410 | 167.58742 |
| 83.73577 | 22.69314 | 96.73577 | 95.33545 | 109.73577 | 168.31864 |
| 83.77744 | 23.01374 | 96.77744 | 95.51056 | 109.77744 | 169.15867 |
| 83.81911 | 23.41354 | 96.81911 | 95.70155 | 109.81910 | 169.84822 |
| 83.86077 | 23.78991 | 96.86077 | 95.87222 | 109.86077 | 170.28623 |
| 83.90244 | 24.16208 | 96.90244 | 96.03781 | 109.90244 | 170.59021 |
| 83.94411 | 24.63493 | 96.94411 | 96.15966 | 109.94410 | 170.84563 |
| 83.98577 | 25.01685 | 96.98577 | 96.30875 | 109.98577 | 171.01534 |
| 84.02744 | 25.46659 | 97.02744 | 96.41408 | 110.02744 | 171.24002 |
| 84.06911 | 25.89641 | 97.06911 | 96.54737 | 110.06910 | 171.42565 |
| 84.11077 | 26.37014 | 97.11077 | 96.71143 | 110.11077 | 171.51811 |
| 84.15244 | 26.89320 | 97.15244 | 96.87611 | 110.15244 | 171.70081 |
| 84.19411 | 27.41234 | 97.19411 | 96.98679 | 110.19410 | 171.86520 |
| 84.23577 | 28.01693 | 97.23577 | 97.13367 | 110.23577 | 171.98175 |
| 84.27744 | 28.69010 | 97.27744 | 97.19939 | 110.27744 | 172.10506 |
| 84.31911 | 29.41926 | 97.31911 | 97.38240 | 110.31910 | 172.19024 |
| 84.36077 | 30.09147 | 97.36077 | 97.53630 | 110.36077 | 172.29170 |
| 84.40244 | 30.72297 | 97.40244 | 97.69994 | 110.40244 | 172.39558 |
| 84.44411 | 31.23516 | 97.44411 | 97.90990 | 110.44411 | 172.49349 |
| 84.48577 | 31.76722 | 97.48577 | 98.09986 | 110.48577 | 172.58716 |
| 84.52744 | 32.24837 | 97.52744 | 98.29636 | 110.52744 | 172.67024 |
| 84.56911 | 32.71945 | 97.56911 | 98.54881 | 110.56910 | 172.85132 |
| 84.61077 | 33.21004 | 97.61077 | 98.85758 | 110.61077 | 172.97518 |
| 84.65244 | 33.62189 | 97.65244 | 99.27592 | 110.65244 | 173.09999 |
| 84.69411 | 34.02007 | 97.69411 | 99.73277 | 110.69410 | 173.25891 |
| 84.73577 | 34.38957 | 97.73577 | 99.90042 | 110.73577 | 173.38636 |
| 84.77744 | 34.73258 | 97.77744 | 99.92103 | 110.77744 | 173.53688 |
| 84.81911 | 34.98509 | 97.81911 | 99.90130 | 110.81911 | 173.77871 |
| 84.86077 | 35.19931 | 97.86077 | 99.90800 | 110.86077 | 174.03901 |
| 84.90244 | 35.41568 | 97.90244 | 99.89491 | 110.90244 | 174.33430 |
| 84.94411 | 35.52612 | 97.94411 | 99.86945 | 110.94410 | 174.64526 |
| 84.98577 | 35.68827 | 97.98577 | 99.87971 | 110.98577 | 174.91977 |
| 85.02744 | 35.81858 | 98.02744 | 99.88833 | 111.02744 | 175.30526 |
| 85.06911 | 35.89656 | 98.06911 | 99.92165 | 111.06910 | 175.52497 |
| 85.11077 | 36.02432 | 98.11077 | 99.90464 | 111.11077 | 175.73913 |
| 85.15244 | 36.17112 | 98.15244 | 99.89857 | 111.15244 | 175.97854 |

| | | | | | |
|---|---|---|---|---|---|
| 85.19411 | 36.22869 | 98.19411 | 99.90606 | 111.19410 | 176.20131 |
| 85.23577 | 36.33963 | 98.23577 | 99.86065 | 111.23577 | 176.37532 |
| 85.27744 | 36.39966 | 98.27744 | 99.88610 | 111.27744 | 176.58500 |
| 85.31911 | 36.47915 | 98.31911 | 99.90447 | 111.31911 | 176.84573 |
| 85.36077 | 36.59782 | 98.36077 | 99.87599 | 111.36077 | 177.00654 |
| 85.40244 | 36.67727 | 98.40244 | 99.87203 | 111.40244 | 177.26532 |
| 85.44411 | 36.69043 | 98.44411 | 99.85762 | 111.44410 | 177.42413 |
| 85.48577 | 36.76633 | 98.48577 | 99.90499 | 111.48577 | 177.67842 |
| 85.52744 | 36.86725 | 98.52744 | 99.85569 | 111.52744 | 177.84001 |
| 85.56911 | 36.90693 | 98.56911 | 99.90037 | 111.56910 | 178.02468 |
| 85.61077 | 37.00342 | 98.61077 | 99.93120 | 111.61077 | 178.24003 |
| 85.65244 | 37.03245 | 98.65244 | 99.90047 | 111.65244 | 178.40580 |
| 85.69411 | 37.10537 | 98.69411 | 99.88572 | 111.69410 | 178.60273 |
| 85.73577 | 37.17290 | 98.73577 | 99.90836 | 111.73577 | 178.74796 |
| 85.77744 | 37.20643 | 98.77744 | 99.87963 | 111.77744 | 178.90620 |
| 85.81911 | 37.28338 | 98.81911 | 99.88956 | 111.81910 | 178.99467 |
| 85.86077 | 37.36428 | 98.86077 | 99.99777 | 111.86077 | 179.19296 |
| 85.90244 | 37.41078 | 98.90244 | 100.19260 | 111.90244 | 179.29419 |
| 85.94411 | 37.44782 | 98.94411 | 100.49783 | 111.94410 | 179.41879 |
| 85.98577 | 37.48957 | 98.98577 | 100.88132 | 111.98577 | 179.43832 |
| 86.02744 | 37.54500 | 99.02744 | 101.27173 | 112.02744 | 179.50432 |
| 86.06911 | 37.60437 | 99.06911 | 101.64059 | 112.06910 | 179.64083 |
| 86.11077 | 37.68913 | 99.11077 | 101.93473 | 112.11077 | 179.61385 |
| 86.15244 | 37.74128 | 99.15244 | 102.17901 | 112.15244 | 179.67073 |
| 86.19411 | 37.74578 | 99.19411 | 102.41428 | 112.19410 | 179.69779 |
| 86.23577 | 37.82593 | 99.23577 | 102.60680 | 112.23577 | 179.68797 |
| 86.27744 | 37.86687 | 99.27744 | 102.73742 | 112.27744 | 179.70175 |
| 86.31911 | 37.93590 | 99.31911 | 102.94928 | 112.31910 | 179.69011 |
| 86.36077 | 37.92873 | 99.36077 | 103.15112 | 112.36077 | 179.68953 |
| 86.40244 | 38.01832 | 99.40244 | 103.32320 | 112.40244 | 179.71374 |
| 86.44411 | 38.03103 | 99.44411 | 103.52166 | 112.44410 | 179.60281 |

**Appendix F2: Sediment Trap Chemistry**

11 October 2016

Joel Guererro

Navy -- SPAWAR

Environmental Science and Applied System Branch, 5360

San Diego, CA 92152

RE: ESTCP Sediment Deposition Detector DemVal

Enclosed are the results of analyses for samples received by the laboratory on 20-May-2016.  The samples associated with this report will be held for 90 days from the date of this report.  The raw data associated with this report will be held for 5 years from the date of this report.  If you need us to hold onto the samples or the data longer then these specified times, you will need to notify us in writing at least 30 days before the expiration dates. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jenifer Milam For Dale Rosado, Ph. D.

Chemist

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | | |
|---|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## WORK ORDER SUMMARY

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date of Work Order |
|---|---|---|---|---|
| SedTrap-1-Comp-OP-031516 | 6052001-01 | Soil/Sediment | 17-May-2016 | 20-May-2016 |
| SedTrap-2-Comp-OP-031516 | 6052001-02 | Soil/Sediment | 17-May-2016 | 20-May-2016 |
| SedTrap-3-Comp-OP-031516 | 6052001-03 | Soil/Sediment | 17-May-2016 | 20-May-2016 |
| SedTrap-4-Comp-OP-031516 | 6052001-04 | Soil/Sediment | 17-May-2016 | 20-May-2016 |
| SedTrap-5-Comp-OP-031516 | 6052001-05 | Soil/Sediment | 17-May-2016 | 20-May-2016 |
| SedTrap-6-Comp-OP-031516 | 6052001-06 | Soil/Sediment | 17-May-2016 | 20-May-2016 |
| SedTrap-7-Comp-OP-031516 | 6052001-07 | Soil/Sediment | 17-May-2016 | 20-May-2016 |
| SedTrap-8-Comp-OP-031516 | 6052001-08 | Soil/Sediment | 17-May-2016 | 20-May-2016 |
| SedTrap-9-Comp-OP-031516 | 6052001-09 | Soil/Sediment | 17-May-2016 | 20-May-2016 |
| SedTrap-10-Comp-OP-031516 | 6052001-10 | Soil/Sediment | 17-May-2016 | 20-May-2016 |

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## Case Narrative

No issues were experienced during the analysis of Work Order 6052001 unless specified below.

Grain Size and Bulk Density was cancelled because we didn't have enough sample.

PCB Congeners are still be processed.

TOC for samples SedTrap-1-Comp-OP-031516 and SedTrap-5-Comp-OP-031516 were cancelled based on insufficient sample amount.

| | |
|---|---|
| Navy -- SPAWAR | Project:  ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53605 | **Reported:** |
| San Diego CA, 92152 | 11-Oct-2016 |
| | Project Manager:  Joel Guererro |

### Notes and Definitions

| | |
|---|---|
| U | Analyte included in the analysis, but not detected |
| M2 | Sample was diluted due to matrix interference. |
| M | Matrix spike recovery is outside established acceptance limits |
| J | Detected but below the Reporting Limit; therefore, result is an estimated concentration. |
| H | Analysis was performed outside of the method prescribed holding time. |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

### SedTrap-1-Comp-OP-031516

### 6052001-01 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 34.1 | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | 0.626 | 0.0199 | 0.0398 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| **Copper** | 117 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Lead** | 76.4 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53605 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## SedTrap-2-Comp-OP-031516

### 6052001-02 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 47.8 | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | 0.464 | 0.0193 | 0.0386 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| **Copper** | 86.0 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Lead** | 55.3 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

## USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53605 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro |
| | 11-Oct-2016 |

## SedTrap-2-Comp-OP-031516

### 6052001-02RE1 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

### Air Water and Soil Laboratories, Inc.

**Wet Chemistry Analysis**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| TOC (Max) | **4140** | 678 | 847 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |
| TOC (Mean) | **3980** | 678 | 847 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |
| TOC (Min) | **3850** | 678 | 847 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## SedTrap-3-Comp-OP-031516

### 6052001-03 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 45.2 | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | 0.819 | 0.0184 | 0.0369 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| **Copper** | 88.9 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Lead** | 68.0 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 5360? | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro |

Reported: 11-Oct-2016

## SedTrap-3-Comp-OP-031516
### 6052001-03RE1 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Air Water and Soil Laboratories, Inc.** | | | | | | | | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | **3780** | 678 | 847 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |
| **TOC (Mean)** | **3670** | 678 | 847 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |
| **TOC (Min)** | **3600** | 678 | 847 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
| --- | --- | --- |
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## SedTrap-4-Comp-OP-031516

### 6052001-04 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 46.8 | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | 0.364 | 0.0197 | 0.0393 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| **Copper** | 80.0 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Lead** | 48.1 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

### SedTrap-4-Comp-OP-031516

#### 6052001-04RE1 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Air Water and Soil Laboratories, Inc.** | | | | | | | | |
| **Wet Chemistry Analysis** | | | | | | | | |
| TOC (Max) | **3490** | 690 | 862 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |
| TOC (Mean) | **3400** | 690 | 862 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |
| TOC (Min) | **3330** | 690 | 862 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 5360. | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## SedTrap-5-Comp-OP-031516

### 6052001-05 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 43.7 | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | 1.53 | 0.0495 | 0.0990 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| **Copper** | 119 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Lead** | 73.2 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project:  ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager:  Joel Guererro |

**Reported:**
11-Oct-2016

## SedTrap-6-Comp-OP-031516

### 6052001-06 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------------|-------|----------|----------|--------|-------|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **52.4** | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **0.290** | 0.0192 | 0.0383 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| **Copper** | **50.7** | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Lead** | **31.4** | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## SedTrap-6-Comp-OP-031516

### 6052001-06RE1 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|

**Air Water and Soil Laboratories, Inc.**

**Wet Chemistry Analysis**

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| TOC (Max) | **3590** | 800 | 1000 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |
| TOC (Mean) | **3490** | 800 | 1000 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |
| TOC (Min) | **3380** | 800 | 1000 | mg/kg | 11-Jul-2016 | 11-Jul-2016 | SW9060A | H |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## SedTrap-7-Comp-OP-031516

### 6052001-07 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **52.4** | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **0.288** | 0.0189 | 0.0377 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| **Copper** | **49.1** | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Lead** | **38.5** | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | **3490** | 357 | 446 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |
| **TOC (Mean)** | **3220** | 357 | 446 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |
| **TOC (Min)** | **2950** | 357 | 446 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

## USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro |

**Reported:** 11-Oct-2016

### SedTrap-8-Comp-OP-031516

#### 6052001-08 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 51.2 | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| Mercury | 0.360 | 0.0193 | 0.0387 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| Copper | 50.5 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| Lead | 30.8 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| TOC (Max) | 3760 | 377 | 472 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |
| TOC (Mean) | 3550 | 377 | 472 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |
| TOC (Min) | 3340 | 377 | 472 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## SedTrap-9-Comp-OP-031516

### 6052001-09 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **50.7** | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **0.272** | 0.0188 | 0.0376 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| **Copper** | **56.0** | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Lead** | **34.0** | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | **3460** | 351 | 439 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |
| **TOC (Mean)** | **3400** | 351 | 439 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |
| **TOC (Min)** | **3340** | 351 | 439 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## SedTrap-10-Comp-OP-031516

### 6052001-10 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 49.8 | 0.500 | 0.500 | % Solids | 21-Jun-2016 | 21-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | 0.723 | 0.0198 | 0.0395 | mg/kg | 22-Jun-2016 | 22-Jun-2016 | EPA 7474 | |
| **Copper** | 68.8 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Lead** | 49.6 | 0.800 | 4.00 | mg/kg | 26-May-2016 | 27-May-2016 | SW 846/6010 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | 3530 | 370 | 463 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |
| **TOC (Mean)** | 3330 | 370 | 463 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |
| **TOC (Min)** | 3130 | 370 | 463 | mg/kg | 14-Jul-2016 | 14-Jul-2016 | SW9060A | H |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## Metals by EPA 6000/7000 Series Methods - Quality Control

## ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B605227 - *** DEFAULT PREP *** ** | | | | | | | | | | | |
| **Blank (B605227-BLK1)** | | | | | Prepared: 26-May-2016 Analyzed: 27-May-2016 | | | | | | |
| Copper | 2.31 | 0.800 | 4.00 | mg/kg | | | | | | | J |
| Lead | ND | 0.800 | 4.00 | mg/kg | | | | | | | U |
| **LCS (B605227-BS1)** | | | | | Prepared: 26-May-2016 Analyzed: 27-May-2016 | | | | | | |
| Copper | 105 | 0.800 | 4.00 | mg/kg | 100.0 | | 105 | 80-120 | | | |
| Lead | 102 | 0.800 | 4.00 | mg/kg | 100.0 | | 102 | 80-120 | | | |
| **Duplicate (B605227-DUP1)** | | Source: 6052001-07 | | | Prepared: 26-May-2016 Analyzed: 27-May-2016 | | | | | | |
| Copper | 45.7 | 0.800 | 4.00 | mg/kg | | 49.1 | | | 7.25 | 20 | |
| Lead | 31.9 | 0.800 | 4.00 | mg/kg | | 38.5 | | | 18.9 | 20 | |
| **Matrix Spike (B605227-MS1)** | | Source: 6052001-07 | | | Prepared: 26-May-2016 Analyzed: 27-May-2016 | | | | | | |
| Copper | 150 | 0.800 | 4.00 | mg/kg | 100.0 | 49.1 | 101 | 80-120 | | | |
| Lead | 118 | 0.800 | 4.00 | mg/kg | 100.0 | 38.5 | 79.4 | 80-120 | | | |
| **Batch B606133 - Default Prep Metals** | | | | | | | | | | | |
| **Blank (B606133-BLK1)** | | | | | Prepared & Analyzed: 22-Jun-2016 | | | | | | |
| Mercury | ND | 0.00500 | 0.0100 | mg/kg | | | | | | | U |
| **LCS (B606133-BS1)** | | | | | Prepared & Analyzed: 22-Jun-2016 | | | | | | |
| Mercury | 0.106 | 0.00500 | 0.0100 | mg/kg | 0.1000 | | 106 | 75-125 | | | |
| **Duplicate (B606133-DUP1)** | | Source: 6052001-02 | | | Prepared & Analyzed: 22-Jun-2016 | | | | | | |
| Mercury | 0.478 | 0.0195 | 0.0389 | mg/kg | | 0.464 | | | 2.94 | 25 | |
| **Matrix Spike (B606133-MS1)** | | Source: 6052001-02 | | | Prepared & Analyzed: 22-Jun-2016 | | | | | | |
| Mercury | 0.574 | 0.0198 | 0.0397 | mg/kg | 0.09925 | 0.464 | 111 | 75-125 | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | | |
|---|---|---|---|
| Navy -- SPAWAR | | Project:  ESTCP Sediment Deposition Detector DemVal | |
| Environmental Science and Applied System Branch, 53605 | | | **Reported:** |
| San Diego CA, 92152 | | Project Manager:  Joel Guererro | 11-Oct-2016 |

## Metals by EPA 6000/7000 Series Methods - Quality Control

## ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B606133 - Default Prep Metals** | | | | | | | | | | | |
| **Matrix Spike Dup (B606133-MSD1)** | | **Source: 6052001-02** | | | Prepared & Analyzed: 22-Jun-2016 | | | | | | |
| Mercury | 0.560 | 0.0187 | 0.0375 | mg/kg | 0.09374 | 0.464 | 103 | 75-125 | 7.29 | 25 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 5360 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 11-Oct-2016 |

## Wet Chemistry Analysis - Quality Control

## Air Water and Soil Laboratories, Inc.

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BZG0209 - No Prep Halides** | | | | | | | | | | | |
| **Blank (BZG0209-BLK1)** | | | | | Prepared & Analyzed: 11-Jul-2016 | | | | | | |
| TOC (Max) | ND | 80.0 | 100 | mg/kg | | | | - | | | |
| TOC (Mean) | ND | 80.0 | 100 | mg/kg | | | | - | | | |
| TOC (Min) | ND | 80.0 | 100 | mg/kg | | | | - | | | |
| **LCS (BZG0209-BS1)** | | | | | Prepared & Analyzed: 11-Jul-2016 | | | | | | |
| TOC (Max) | 931 | 80.0 | 100 | mg/kg | 1000 | | 93.1 | 80-120 | | | |
| TOC (Mean) | 931 | 80.0 | 100 | mg/kg | 1000 | | 93.1 | 80-120 | | | |
| TOC (Min) | 931 | 80.0 | 100 | mg/kg | 1000 | | 93.1 | 80-120 | | | |
| **LCS Dup (BZG0209-BSD1)** | | | | | Prepared & Analyzed: 11-Jul-2016 | | | | | | |
| TOC (Max) | 918 | 78.4 | 100 | mg/kg | 980 | | 93.7 | 80-120 | 1.37 | 20 | |
| TOC (Mean) | 918 | 78.4 | 100 | mg/kg | 980 | | 93.7 | 80-120 | 1.37 | 20 | |
| TOC (Min) | 918 | 78.4 | 100 | mg/kg | 980 | | 93.7 | 80-120 | 1.37 | 20 | |
| **Matrix Spike (BZG0209-MS1)** | | Source: 6052001-06 | | | Prepared & Analyzed: 11-Jul-2016 | | | | | | |
| TOC (Max) | 4560 | 800 | 1000 | mg/kg | 10000 | 3590 | 9.65 | 80-120 | | | M2 |
| TOC (Mean) | 4530 | 800 | 1000 | mg/kg | 10000 | 3490 | 10.4 | 80-120 | | | M2 |
| TOC (Min) | 4490 | 800 | 1000 | mg/kg | 10000 | 3380 | 11.1 | 80-120 | | | M2 |
| **Matrix Spike Dup (BZG0209-MSD1)** | | Source: 6052001-06 | | | Prepared & Analyzed: 11-Jul-2016 | | | | | | |
| TOC (Max) | 4960 | 800 | 1000 | mg/kg | 10000 | 3590 | 13.7 | 80-120 | 8.42 | 20 | M2 |
| TOC (Mean) | 4920 | 800 | 1000 | mg/kg | 10000 | 3490 | 14.3 | 80-120 | 8.31 | 20 | M2 |
| TOC (Min) | 4880 | 800 | 1000 | mg/kg | 10000 | 3380 | 15.0 | 80-120 | 8.19 | 20 | M2 |
| **Batch BZG0262 - No Prep Halides** | | | | | | | | | | | |
| **Blank (BZG0262-BLK1)** | | | | | Prepared & Analyzed: 14-Jul-2016 | | | | | | |
| TOC (Max) | ND | 80.0 | 100 | mg/kg | | | | - | | | |
| TOC (Mean) | ND | 80.0 | 100 | mg/kg | | | | - | | | |
| TOC (Min) | ND | 80.0 | 100 | mg/kg | | | | - | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| Navy -- SPAWAR | Project:  ESTCP Sediment Deposition Detector DemVal | |
| Environmental Science and Applied System Branch, 5360? | | **Reported:** |
| San Diego CA, 92152 | Project Manager:  Joel Guererro | 11-Oct-2016 |

## Wet Chemistry Analysis - Quality Control

## Air Water and Soil Laboratories, Inc.

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BZG0262 - No Prep Halides** | | | | | | | | | | | |
| **LCS (BZG0262-BS1)** | | | | | Prepared & Analyzed: 14-Jul-2016 | | | | | | |
| TOC (Max) | 981 | 80.0 | 100 | mg/kg | 1000 | | 98.1 | 80-120 | | | |
| TOC (Mean) | 981 | 80.0 | 100 | mg/kg | 1000 | | 98.1 | 80-120 | | | |
| TOC (Min) | 981 | 80.0 | 100 | mg/kg | 1000 | | 98.1 | 80-120 | | | |
| **LCS Dup (BZG0262-BSD1)** | | | | | Prepared & Analyzed: 14-Jul-2016 | | | | | | |
| TOC (Max) | 952 | 78.4 | 100 | mg/kg | 980 | | 97.1 | 80-120 | 3.05 | 20 | |
| TOC (Mean) | 952 | 78.4 | 100 | mg/kg | 980 | | 97.1 | 80-120 | 3.05 | 20 | |
| TOC (Min) | 952 | 78.4 | 100 | mg/kg | 980 | | 97.1 | 80-120 | 3.05 | 20 | |
| **Matrix Spike (BZG0262-MS1)** | | **Source: 16G0189-01** | | | Prepared & Analyzed: 14-Jul-2016 | | | | | | |
| TOC (Max) | 1290 | 74.1 | 100 | mg/kg | 926 | 718 | 61.6 | 80-120 | | | M |
| TOC (Mean) | 1290 | 74.1 | 100 | mg/kg | 926 | 593 | 75.0 | 80-120 | | | M |
| TOC (Min) | 1290 | 74.1 | 100 | mg/kg | 926 | 463 | 88.8 | 80-120 | | | |
| **Matrix Spike Dup (BZG0262-MSD1)** | | **Source: 16G0189-01** | | | Prepared & Analyzed: 14-Jul-2016 | | | | | | |
| TOC (Max) | 1390 | 80.0 | 100 | mg/kg | 1000 | 718 | 66.8 | 80-120 | 7.32 | 20 | M |
| TOC (Mean) | 1390 | 80.0 | 100 | mg/kg | 1000 | 593 | 79.3 | 80-120 | 7.42 | 20 | M |
| TOC (Min) | 1390 | 80.0 | 100 | mg/kg | 1000 | 463 | 92.3 | 80-120 | 7.52 | 20 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# Chain of Custody Record

Date: **19-May-2016**

Page: **1** of **2**

**SPAWAR Systems Center Pacific**

SPAWAR SYSTEMS CENTER PACIFIC
ADVANCED SYSTEMS & APPLIED SCIENCES DIVISION
ENERGY AND ENVIRONMENTAL SUSTAINABILITY
BRANCH, CODE 7176
53475 STROTHE ROAD
SAN DIEGO, CA 92152-5000

**Project Title/Project Number:** ESTCP Sediment Deposition (SedDep) Detector DemVal

**Remarks**

**Sampler(s): (Signature)** Joel Guerrero (Code 71760)

**Tel:** 619-553-5333   **Fax:** 619-553-6305   **Email:** joel.guerrero@navy.mil

**Project PI:** Dr. D. Bart Chadwick

**Contact:** Joel Guerrero

**Contact Tel:** (619) 850-2109

**Special Instructions/Comments:**
Sediment samples; kept dark & cold (4 °C)

| Field Sample Identification | Start Date | Start Time (local) | Matrix | Type | Pres. | PCB congeners [8082A / 3510] | Cu,Pb [6020A] Hg [7471B] | TOC [9060] | Bulk Density [ASTM D1895] | Grain Size [ASTM D422-63] |
|---|---|---|---|---|---|---|---|---|---|---|
| SedTrap-1-Comp-OP-031516 | 17-May-2016 | 1120 | Sediment | Comp | none | x | x | x | x | x |
| SedTrap-2-Comp-OP-031516 | 17-May-2016 | 1110 | Sediment | Comp | none | x | x | x | x | x |
| SedTrap-3-Comp-OP-031516 | 17-May-2016 | 1200 | Sediment | Comp | none | x | x | x | x | x |
| SedTrap-4-Comp-OP-031516 | 17-May-2016 | 1051 | Sediment | Comp | none | x | x | x | x | x |
| SedTrap-5-Comp-OP-031516 | 17-May-2016 | 1255 | Sediment | Comp | none | x | x | x | x | x |
| SedTrap-6-Comp-OP-031516 | 17-May-2016 | 1015 | Sediment | Comp | none | x | x | x | x | x |
| SedTrap-7-Comp-OP-031516 | 17-May-2016 | 0925 | Sediment | Comp | none | x | x | x | x | x |
| SedTrap-8-Comp-OP-031516 | 17-May-2016 | 1030 | Sediment | Comp | none | x | x | x | x | x |
| SedTrap-9-Comp-OP-031516 | 17-May-2016 | 0905 | Sediment | Comp | none | x | x | x | x | x |
| SedTrap-10-Comp-OP-031516 | 17-May-2016 | 1230 | Sediment | Comp | none | x | x | x | x | x |

**SedTrap =** sediment trap samples

**TOTAL** **10**

**Analyses**

**Relinquished by:** Joel Guerrero /

(Signature)

**Received by:** Madeline Tarasar

(Signature)

| | Date: | Time: |
|---|---|---|
| Relinquished | 5/19/2016 | 1030 |
| Received | 5/20/2016 | 1500 |

# Items for Project Manager Review

| LabNumber | Analysis | Analyte | Exception |
|-----------|----------|---------|-----------|
| | | | Data included from: W:\TransferIn\6052001 TRANSFER 03 Aug 2016 1659.mdb |

Units - ug/kg                    [          ] can not be resolved due to coelutions on both columns

| Sample ID | Lab ID | RL | DL | TMX | 209 | 1 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|
| sedtrap 1 comp op 031516 | 6052001-1 | 0.39 | 0.13 | 70.7 | 81.8 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| sedtrap 2 comp op 031516 | -2 | 0.27 | 0.09 | 61.0 | 85.9 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| sedtrap 3 comp op 031516 | -3 | 0.29 | 0.10 | 62.9 | 85.1 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| sedtrap 4 comp op 031516 | -4 | 0.28 | 0.09 | 60.9 | 85.8 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| sedtrap 5 comp op 031516 | -5 | 0.3 | 0.10 | 71.6 | 88.2 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| sedtrap 6 comp op 031516 | -6 | 0.25 | 0.08 | 56.9 | 86.5 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| sedtrap 7 comp op 031516 | -7 | 0.24 | 0.08 | 61.2 | 82.5 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| sedtrap 8 comp op 031516 | -8 | 0.25 | 0.08 | 66.5 | 59 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| sedtrap 9 comp op 031516 | -9 | 0.26 | 0.09 | 59.5 | 61 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| sedtrap 10 comp op 031516 | -10 | 0.25 | 0.08 | 71 | 82 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| | Blank | | | 67 | 84.5 | N.D. | N.D. | N.D. | N.D. | N.D. |
| | BS %Rec | | | 83.5 | 102 | | | | 91.0 | |
| | MS %Rec | | | 57 | 78.5 | | | | 74.0 | |
| | MSD %Rec | | | 50.5 | 76.5 | | | | 69.0 | |

| 7 | 8 | 9 | 10 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.267 | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.327 | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  |  |  |  |  |  |  |  |  | 91.0 |  |  |
|  |  |  |  |  |  |  |  |  |  | 66.0 |  |  |
|  |  |  |  |  |  |  |  |  |  | 57.0 |  |  |

| 22 | 24 | 25 | 26 | 27 | 28/31 | 29 | 32 | 33 | 34 | 35 | 37 | 40 |
|----|----|----|----|----|-------|----|----|----|----|----|----|----|
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.226 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.3 | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | 0.153 | N.D. | 0.218 | N.D. | 0.26 | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | | N.D. | | N.D. | | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | 89.0 | | | | | | | |
| | | | | | 71.3 | | | | | | | |
| | | | | | 63.0 | | | | | | | |

| 41 | 42 | 44 | 45 | 46 | 47 | 48 | 49 | 51 | 52 | 53 | 54 | 56 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | N.D. | 0.356 | N.D. | N.D. | | | 1.755 | 3.511 | | N.D. | N.D. | N.D. |
| N.D. | N.D. | | N.D. | N.D. | 6.609 | 0.289 | | | 0.569 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | | | 0.292 | N.D. | | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.402 | 0.309 | | N.D. | 0.393 | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.129 | N.D. | N.D. | | | 0.457 | 0.564 | | N.D. | N.D. | N.D. |
| N.D. | N.D. | | N.D. | N.D. | 0.533 | 0.263 | | | 0.433 | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.097 | N.D. | N.D. | | | 0.249 | N.D. | | N.D. | N.D. | N.D. |
| N.D. | N.D. | | N.D. | N.D. | 0.266 | 0.254 | | N.D. | 0.233 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | | | 1.042 | 1.202 | | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | 1.512 | 0.502 | | | 0.742 | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.144 | N.D. | N.D. | N.D. | | 0.128 | N.D. | | N.D. | N.D. | N.D. |
| N.D. | N.D. | | N.D. | N.D. | N.D. | 0.184 | | N.D. | 0.137 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | | | N.D. | N.D. | | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.226 | 0.116 | N.D. | N.D. | 0.151 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | N.D. | N.D. | | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.231 | N.D. | N.D. | 0.23 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | | | 0.264 | N.D. | | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.449 | 0.392 | | N.D. | 0.244 | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.188 | N.D. | N.D. | | | 0.545 | 0.427 | | N.D. | N.D. | N.D. |
| N.D. | N.D. | | N.D. | N.D. | 0.587 | 0.342 | | | 0.633 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | 104.7 | | | | | | | 89.7 | | | |
| | | 78.3 | | | | | | | 63.7 | | | |
| | | 77.0 | | | | | | | 54.0 | | | |

| 59 | 60 | 63 | 64 | 66 | 67/100 | 69 | 70 | 71 | 73 | 74 | 75 | 77 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | N.D. | N.D. | N.D. | N.D. | 6.155 | N.D. | N.D. | | | N.D. | | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | | N.D. | N.D. | 0.544 | 0.205 | N.D. | 0.267 | N.D. |
| N.D. | N.D. | N.D. | N.D. | | 0.096 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | 0.27 | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | | 0.28 | N.D. | 0.158 | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | 0.247 | | N.D. | | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | | 0.084 | N.D. | N.D. | N.D. | | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | 0.221 | | N.D. | N.D. | N.D. | 0.095 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | | 0.545 | N.D. | 0.245 | N.D. | | N.D. | | N.D. |
| N.D. | N.D. | N.D. | N.D. | 0.26 | | N.D. | | N.D. | 0.092 | N.D. | 0.195 | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.155 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | | N.D. | N.D. | 0.217 | N.D. | N.D. | N.D. | | N.D. |
| N.D. | N.D. | N.D. | N.D. | 0.219 | N.D. | N.D. | | N.D. | N.D. | N.D. | 0.198 | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | 97.0 | | | | | | | | |
| | | | | 82.0 | | | | | | | | |
| | | | | 70.3 | | | | | | | | |

| 81/117 | 82 | 83 | 84 | 85 | 87/115 | 90/101 | 91 | 92 | 93 | 95 | 97 | 99 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.341 |  | N.D. | N.D. |  | 1.666 | 0.256 | 5.127 |
| N.D. | N.D. | N.D. | N.D. | N.D. |  | 5.704 | N.D. | N.D. |  |  |  |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.107 |  | 0.184 | N.D. |  | 0.551 | 0.113 | 0.476 |
| N.D. | N.D. | N.D. | N.D. | N.D. |  | 1.04 |  | N.D. |  |  |  |  |
| N.D. | N.D. | 0.349 | N.D. | N.D. | 0.12 |  | 0.329 | N.D. |  | 0.719 | 0.197 | 0.694 |
| N.D. | N.D. |  | N.D. | N.D. |  | 1.284 |  | N.D. |  |  |  |  |
| N.D. | N.D. | 0.3 | N.D. | N.D. | 0.101 |  | 0.182 | N.D. |  | 0.488 | N.D. | 0.428 |
| N.D. | N.D. |  | N.D. | N.D. |  | 0.854 |  | N.D. |  |  | N.D. |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.184 |  | 0.606 | N.D. |  | 1.108 | 0.108 | 1.575 |
| N.D. | N.D. | N.D. | N.D. | N.D. |  | 1.931 |  | N.D. |  |  |  |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  | N.D. | N.D. |  | 0.177 | N.D. | 0.24 |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.257 | N.D. | N.D. |  |  | N.D. |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  | N.D. | N.D. |  | 0.207 | N.D. | 0.275 |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.313 | N.D. | N.D. |  |  | N.D. |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  | 0.224 | N.D. |  | 0.364 | 0.086 | 0.431 |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.519 |  | N.D. |  |  |  |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  | N.D. | N.D. |  | 0.457 | 0.115 | 0.44 |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.637 | N.D. | N.D. |  |  |  |  |
| N.D. | N.D. | N.D. | N.D. | 0.118 | 0.149 |  | 0.306 | N.D. |  | 0.63 | 0.223 | 0.752 |
| N.D. | N.D. | N.D. | N.D. |  |  | 1.014 |  | N.D. |  |  |  |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  |  |  |  | 97.3 | 98.3 |  |  |  |  |  |  |
|  |  |  |  |  | 66.0 | 66.3 |  |  |  |  |  |  |
|  |  |  |  |  | 70.7 | 57.3 |  |  |  |  |  |  |

| 103 | 104 | 105 | 107 | 110 | 114 | 118 | 119 | 122 | 123 | 124 | 126 | 128 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.208 | N.D. | N.D. | N.D. | 0.986 | N.D. | 2.07 | 1.963 | N.D. | N.D. | N.D. | N.D. | 0.825 |
|  | N.D. | N.D. | N.D. |  | N.D. |  |  | N.D. | N.D. | N.D. | N.D. |  |
| N.D. | N.D. | 0.222 | N.D. | 0.502 | N.D. | 0.776 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. |  | N.D. |  | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.188 | 0.101 | 0.449 | N.D. | 0.987 | 0.1 | N.D. | N.D. | N.D. | N.D. | 0.582 |
| N.D. | N.D. |  |  |  | N.D. |  |  | N.D. | N.D. | N.D. | N.D. |  |
| N.D. | N.D. | 0.142 | N.D. | 0.492 | N.D. | 0.771 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. |  | N.D. |  | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 0.258 | N.D. | 0.392 | 0.161 | 0.738 | N.D. | 1.439 | 0.321 | N.D. | N.D. | N.D. | N.D. | N.D. |
|  | N.D. |  |  |  | N.D. |  |  | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | 0.143 | N.D. | 0.426 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. |  | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | 0.171 | N.D. | 0.467 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. |  | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | 0.255 | N.D. | 0.523 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. |  | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | 0.297 | N.D. | 0.5 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. |  | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.32 | 0.105 | 0.462 | N.D. | 1.298 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. |  |  |  | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  |  |  | 82.0 |  |  |  |  |  |  |  |  |
|  |  |  |  | 81.3 |  |  |  |  |  |  |  |  |
|  |  |  |  | 70.7 |  |  |  |  |  |  |  |  |

| 129 | 130 | 131 | 132/153 | 134 | 135 | 136 | 137 | 138/163/164 | 141 | 144 | 146 |
|------|------|------|---------|------|-------|------|------|-------------|-------|-------|-------|
| N.D. | 0.356 | N.D. | 20.228 | N.D. |  | N.D. | N.D. | 9.023 |  |  | 2.913 |
| N.D. |  | N.D. |  | N.D. | 0.859 | N.D. | N.D. |  | 1.845 | 3.733 |  |
| N.D. | N.D. | N.D. | 3.133 | N.D. |  | N.D. | N.D. | 2.136 |  | N.D. | 0.54 |
| N.D. | N.D. | N.D. |  | N.D. | 0.289 | N.D. | N.D. |  | 0.325 | N.D. |  |
| N.D. | 0.148 | 0.162 | 4.686 | N.D. |  | N.D. | N.D. | 3.219 |  |  | 0.787 |
| N.D. |  |  |  | N.D. | 0.36 | N.D. | N.D. |  | 0.555 | 0.308 |  |
| N.D. | 0.115 | N.D. | 2.867 | N.D. |  | N.D. | N.D. | 1.851 |  | N.D. | 0.528 |
| N.D. |  | N.D. |  | N.D. | 0.227 | N.D. | N.D. |  | 0.314 | N.D. |  |
| N.D. | 0.308 | 0.251 | 9.334 | N.D. |  | N.D. | N.D. | 6.399 |  |  | 1.667 |
| N.D. |  |  |  | N.D. | 0.653 | N.D. | N.D. |  | 0.866 | 0.534 |  |
| N.D. | N.D. | N.D. | 1.395 | N.D. |  | N.D. | N.D. | 0.829 |  |  | 0.296 |
| N.D. | N.D. | N.D. |  | N.D. | 0.131 | N.D. | N.D. |  | 0.096 | 0.087 |  |
| N.D. | N.D. | N.D. | 1.557 | N.D. |  | N.D. | N.D. | 1.041 |  |  | 0.32 |
| N.D. | N.D. | N.D. |  | N.D. | 0.161 | N.D. | N.D. |  | 0.749 | 0.106 |  |
| N.D. | 0.101 | N.D. | 2.389 | N.D. |  | N.D. | N.D. | 1.535 |  |  | 0.489 |
| N.D. |  | N.D. |  | N.D. | 0.23 | N.D. | N.D. |  | 0.175 | 0.16 |  |
| N.D. | 0.134 | N.D. | 3.06 | N.D. |  | N.D. | N.D. | 1.993 |  |  | 0.632 |
| N.D. |  | N.D. |  | N.D. | 0.29 | N.D. | N.D. |  | 0.318 | 0.195 |  |
| N.D. | 0.158 | 0.137 | 4.135 | N.D. |  | N.D. | N.D. | 2.804 |  |  | 0.789 |
| N.D. |  |  |  | N.D. | 0.327 | N.D. | N.D. |  | 0.365 | 0.222 |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  |  | 110.7 |  |  |  |  | 118.3 | 134.0 |  |  |
|  |  |  | 93.0 |  |  |  |  | 86.0 | 91.0 |  |  |
|  |  |  | 86.0 |  |  |  |  | 86.7 | 78.0 |  |  |

| 147 | 149 | 151 | 154 | 156/157 | 158 | 165 | 167 | 169 | 170 | 171 | 172 | 173 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.522 | 7.214 | 3.917 | 4.265 | N.D. | 0.706 | 0.347 | N.D. | N.D. |  |  | 1.78 | N.D. |
|  |  |  |  | N.D. |  |  | N.D. | N.D. | 7.506 | 2.443 |  | N.D. |
| 0.097 | 1.719 | 0.468 | N.D. | N.D. | 0.147 | N.D. | N.D. | N.D. |  |  | 0.155 | N.D. |
|  |  |  | N.D. | N.D. |  | N.D. | N.D. | N.D. | 0.862 | 0.343 |  | N.D. |
| 0.243 | 2.667 | 0.793 | N.D. |  | 0.196 | N.D. | N.D. | N.D. |  |  | 0.338 | N.D. |
|  |  |  | N.D. | 0.259 |  | N.D. | N.D. | N.D. | 1.285 | 0.468 |  | N.D. |
| 0.091 | 1.605 | 0.424 | 0.629 | N.D. | 0.127 | N.D. | N.D. | N.D. |  |  | 0.147 | N.D. |
|  |  |  |  | N.D. |  | N.D. | N.D. | N.D. | 0.796 | 0.322 |  | N.D. |
| 0.365 | 4.882 | 1.382 | 0.703 |  | 0.467 | N.D. | N.D. | N.D. |  |  | 0.502 | N.D. |
|  |  |  |  | 0.424 |  | N.D. | N.D. | N.D. | 2.368 | 0.856 |  | N.D. |
| N.D. | 0.658 | 0.167 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  |  | N.D. | N.D. |
| N.D. |  |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.516 | 0.19 | N.D. | N.D. |
| N.D. | 0.854 | 0.194 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  |  | 0.1 | N.D. |
| N.D. |  |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.521 | 0.218 |  | N.D. |
| N.D. | 1.317 | 0.312 | N.D. |  | N.D. | N.D. | N.D. | N.D. |  |  | 0.157 | N.D. |
| N.D. |  |  | N.D. | 0.156 | N.D. | N.D. | N.D. | N.D. | 0.792 | 0.247 |  | N.D. |
| 0.098 | 1.675 | 0.434 | N.D. |  | 0.129 | N.D. | N.D. | N.D. |  |  | 0.205 | N.D. |
|  |  |  | N.D. | 0.166 |  | N.D. | N.D. | N.D. | 1.024 | 0.356 |  | N.D. |
| 0.153 | 2.073 | 0.555 | N.D. |  | 0.239 | N.D. | N.D. | N.D. |  |  | 0.224 | N.D. |
|  |  |  | N.D. | 0.262 |  | N.D. | N.D. | N.D. | 1.088 | 0.359 |  | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  | 107.7 |  |  |  |  |  |  | 121.3 |  |  |  |
|  |  | 87.7 |  |  |  |  |  |  | 87.3 |  |  |  |
|  |  | 75.0 |  |  |  |  |  |  | 77.3 |  |  |  |

| 174 | 175 | 176 | 177 | 178 | 179 | 180 | 183 | 184 | 185 | 187 | 189 | 190 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8.108 | 0.375 | 1.227 | 4.79 | 1.999 |  | 21.59 | 5.437 | N.D. | 1.305 | 13.211 | N.D. |  |
|  |  |  |  |  | 3.38 |  |  | N.D. |  |  | N.D. | 1.025 |
| 0.673 | N.D. | N.D. | 0.465 | 0.227 |  | 2.27 | 0.72 | N.D. | 0.099 | 1.337 | N.D. | N.D. |
|  | N.D. | N.D. |  |  | 0.334 |  |  | N.D. |  |  | N.D. | N.D. |
| 1.37 | N.D. | 0.179 | 0.821 | 0.391 |  | 3.362 | 1.324 | N.D. | 0.149 | 3.408 | N.D. |  |
|  | N.D. |  |  |  | 0.641 |  |  | N.D. |  |  | N.D. | 0.192 |
| N.D. | N.D. | N.D. | 0.462 | 0.199 |  | 2.164 | 0.601 | N.D. | 0.1 | 1.269 | N.D. | N.D. |
| N.D. | N.D. | N.D. |  |  | 0.274 |  |  | N.D. |  |  | N.D. | N.D. |
| 2.325 | 0.097 | 0.361 | 1.491 | 0.518 |  | 7.028 | 1.954 | N.D. | 0.221 | 4.08 | N.D. | N.D. |
|  |  |  |  |  | 0.921 |  |  | N.D. |  |  | N.D. | N.D. |
| N.D. | N.D. | N.D. | 0.223 | N.D. |  | 1.131 | 0.316 | N.D. | N.D. | 0.7 | N.D. | N.D. |
| N.D. | N.D. | N.D. |  | N.D. | 0.133 |  |  | N.D. | N.D. |  | N.D. | N.D. |
| N.D. | N.D. | N.D. | 0.267 | 0.118 |  | 1.425 | 0.362 | N.D. | N.D. | 0.765 | N.D. | N.D. |
| N.D. | N.D. | N.D. |  |  | 0.174 |  |  | N.D. | N.D. |  | N.D. | N.D. |
| N.D. | N.D. | 0.089 | 0.396 | 0.174 |  | 2.006 | 0.542 | N.D. | N.D. | 1.214 | N.D. | N.D. |
| N.D. | N.D. |  |  |  | 0.265 |  |  | N.D. | N.D. |  | N.D. | N.D. |
| 0.821 | N.D. | N.D. | 0.548 | 0.225 |  | 2.578 | 0.698 | N.D. | 0.12 | 1.526 | N.D. |  |
|  | N.D. | N.D. |  |  | 0.333 |  |  | N.D. |  |  | N.D. | 0.104 |
| 1.03 | N.D. | 0.138 | 0.588 | 0.274 |  | 2.947 | 0.78 | N.D. | 0.094 | 1.804 | N.D. |  |
|  | N.D. |  |  |  | 0.414 |  |  | N.D. |  |  | N.D. | 0.103 |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  |  |  |  |  | 123.3 | 123.0 |  |  | 120.3 |  |  |
|  |  |  |  |  |  | 85.0 | 85.0 |  |  | 82.0 |  |  |
|  |  |  |  |  |  | 92.0 | 88.7 |  |  | 77.7 |  |  |

| 191 | 193 | 194 | 195 | 196 | 197 | 199 | 200 | 201 | 202 | 203 | 205 | 206 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | 1.308 | 9.332 | N.D. |  | N.D. | 7.987 | N.D. | N.D. |  |  | N.D. | 2.596 |
| N.D. |  |  | N.D. | 4.418 | N.D. |  | N.D. | N.D. | 1.559 | 4.738 | N.D. |  |
| N.D. | 0.12 | 0.514 |  |  | N.D. | 0.46 |  | N.D. |  |  | N.D. | 0.563 |
| N.D. |  |  | 0.106 | 0.28 | N.D. |  | 0.126 | N.D. | 0.165 | 0.273 | N.D. |  |
| N.D. | 0.23 | 0.895 |  |  | N.D. | 2.047 |  | N.D. |  |  | N.D. | 0.597 |
| N.D. |  |  | 0.185 | 0.431 | N.D. |  | 0.263 | N.D. | 0.618 | 0.489 | N.D. |  |
| N.D. | 0.164 | 0.505 |  |  | N.D. | 0.525 | N.D. | N.D. |  |  | N.D. | N.D. |
| N.D. |  |  | 0.131 | 0.293 | N.D. |  | N.D. | N.D. | 0.112 | 0.281 | N.D. | N.D. |
| N.D. | 0.421 | 1.552 |  |  | N.D. | 1.598 | N.D. | N.D. |  |  | N.D. | 1.296 |
| N.D. |  |  | 0.417 | 0.903 | N.D. |  | N.D. | N.D. | 0.456 | 0.98 | N.D. |  |
| N.D. | N.D. | 0.308 | N.D. |  | N.D. | 0.29 | N.D. | N.D. | N.D. |  | N.D. | 0.549 |
| N.D. | N.D. |  | N.D. | 0.171 | N.D. |  | N.D. | N.D. | N.D. | 0.178 | N.D. |  |
| N.D. | 0.106 | 0.37 | N.D. |  | N.D. | 0.358 | N.D. | N.D. |  |  | N.D. | 0.317 |
| N.D. |  |  | N.D. | 0.219 | N.D. |  | N.D. | N.D. | 0.146 | 0.214 | N.D. |  |
| N.D. | 0.152 | 0.615 |  |  | N.D. | 0.559 |  | N.D. |  |  | N.D. | 0.676 |
| N.D. |  |  | 0.114 | 0.335 | N.D. |  | 0.132 | N.D. | 0.152 | 0.344 | N.D. |  |
| N.D. | 0.181 | 0.666 |  |  | N.D. | 0.555 | N.D. | N.D. |  |  | N.D. | 0.47 |
| N.D. |  |  | 0.141 | 0.361 | N.D. |  | N.D. | N.D. | 0.137 | 0.352 | N.D. |  |
| N.D. | 0.214 | 0.75 |  |  | N.D. | 0.718 |  | N.D. |  |  | N.D. | 0.669 |
| N.D. |  |  | 0.154 | 0.404 | N.D. |  | 0.126 | N.D. | 0.191 | 0.438 | N.D. |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  |  |  |  |  |  |  |  |  |  |  | 122.0 |
|  |  |  |  |  |  |  |  |  |  |  |  | 83.7 |
|  |  |  |  |  |  |  |  |  |  |  |  | 81.3 |

| 207 | 208 |
|------|------|
| N.D. | N.D. |
| N.D. | N.D. |
| N.D. | |
| N.D. | 0.126 |
| N.D. | |
| N.D. | 0.318 |
| N.D. | N.D. |
| N.D. | N.D. |
| N.D. | |
| N.D. | 0.421 |
| N.D. | |
| N.D. | 0.21 |
| N.D. | |
| N.D. | 0.1 |
| N.D. | |
| N.D. | 0.183 |
| N.D. | |
| N.D. | 0.149 |
| N.D. | |
| N.D. | 0.228 |
| N.D. | N.D. |

**Appendix F3: Sediment Trap Mass**

| | | Trap Sediments | | | | | Percent Moisture Caluculations | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | Centrifuge Bottle | Bottle tare (g) | Total sediment + bottle wt. (g) | Wet sediment wt. (g) | Al weigh boat ID | Al boat tare (g) | Wet sample + boat wt. | Dry sample + boat wt. | Wet Sample wt. (g) | Dry Sample wt. (g) | Dry Percent |
| 1 | A | 91.1 | 147.7 | 56.6 | 1 | 1.08 | 6.16 | 2.62 | 5.08 | 1.54 | 0.303 |
| 2 | B | 90.7 | 176.9 | 86.2 | 2 | 1.09 | 6.8 | 3.82 | 5.71 | 2.73 | 0.478 |
| 3 | C | 90.7 | 170.4 | 79.7 | 3 | 1.08 | 7.45 | 3.95 | 6.37 | 2.87 | 0.451 |
| 4 | D | 90.9 | 173.8 | 82.9 | 4 | 1.07 | 6.32 | 3.52 | 5.25 | 2.45 | 0.467 |
| 5 | E | 91.1 | 139.5 | 48.4 | 5 | 1.08 | 3.78 | 2.24 | 2.7 | 1.16 | 0.430 |
| 6 | F | 91.4 | 196.5 | 105.1 | 6 | 1.08 | 6.34 | 3.79 | 5.26 | 2.71 | 0.515 |
| 7 | G | 91.2 | 223.1 | 131.9 | 7 | 1.1 | 6.9 | 4.09 | 5.8 | 2.99 | 0.516 |
| 8 | H | 90.8 | 192.1 | 101.3 | 8 | 1.08 | 5.12 | 3.12 | 4.04 | 2.04 | 0.505 |
| 9 | I | 90.6 | 245.3 | 154.7 | 9 | 1.08 | 6.28 | 3.71 | 5.2 | 2.63 | 0.506 |
| 10 | J | 91.5 | 201.7 | 110.2 | 10 | 1.09 | 5.73 | 3.37 | 4.64 | 2.28 | 0.491 |

**Appendix F4: Surface Sediment Chemistry**

**USACE ERDC-EP-C**
**3909 Halls Ferry Road**
**Vicksburg, MS 39180-6199**

30 June 2016


Joel Guererro

Navy -- SPAWAR

Environmental Science and Applied System Branch, 536(

San Diego, CA 92152

RE: ESTCP Sediment Deposition Detector DemVal


Enclosed are the results of analyses for samples received by the laboratory on 02-May-2016.  The samples associated with this report will be held for 90 days from the date of this report.  The raw data associated with this report will be held for 5 years from the date of this report.  If you need us to hold onto the samples or the data longer then these specified times, you will need to notify us in writing at least 30 days before the expiration dates. If you have any questions concerning this report, please feel free to contact me.



Sincerely,



Jenifer Milam For Dale Rosado, Ph. D.

Chemist

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

## WORK ORDER SUMMARY

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date of Work Order |
|---|---|---|---|---|
| SedDep-SS-1-OP-031516 | 6050205-01 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |
| SedDep-SS-2-OP-031516 | 6050205-02 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |
| SedDep-SS-3-OP-031516 | 6050205-03 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |
| SedDep-SS-4-OP-031516 | 6050205-04 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |
| SedDep-SS-5-OP-031516 | 6050205-05 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |
| SedDep-SS-6-OP-031516 | 6050205-06 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |
| SedDep-SS-7-OP-031516 | 6050205-07 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |
| SedDep-SS-8-OP-031516 | 6050205-08 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |
| SedDep-SS-9-OP-031516 | 6050205-09 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |
| SedDep-SS-10-OP-031516 | 6050205-10 | Soil/Sediment | 26-Apr-2016 | 02-May-2016 |

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 5360. | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro |  30-Jun-2016 |

## Case Narrative

No issues were experienced during the analysis of Work Order 6050205 unless specified below.

Bulk Density was cancelled due to insufficient sample volume.

PCB Congeners are still being processed.

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro |
| | 30-Jun-2016 |

## Notes and Definitions

| | |
|---|---|
| U | Analyte included in the analysis, but not detected |
| M2 | Sample was diluted due to matrix interference. |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Page 3 of 19

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro |

**Reported:** 30-Jun-2016

## SedDep-SS-1-OP-031516

### 6050205-01 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **78.6** | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **0.290** | 0.00333 | 0.00333 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 5360: | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro |

**Reported:**
30-Jun-2016

## SedDep-SS-1-OP-031516
### 6050205-01RE1 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Air Water and Soil Laboratories, Inc.** | | | | | | | | |
| **Wet Chemistry Analysis** | | | | | | | | |
| TOC (Max) | **1310** | 400 | 500 | mg/kg | 16-May-2016 | 16-May-2016 | SW9060A | |
| TOC (Mean) | **1290** | 400 | 500 | mg/kg | 16-May-2016 | 16-May-2016 | SW9060A | |
| TOC (Min) | **1270** | 400 | 500 | mg/kg | 16-May-2016 | 16-May-2016 | SW9060A | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 5360? | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

## SedDep-SS-2-OP-031516

### 6050205-02 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | **ERDC-EL-EP-C** | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 57.4 | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | 0.443 | 0.00401 | 0.00401 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**USACE ERDC-EP-C**
**3909 Halls Ferry Road**
**Vicksburg, MS 39180-6199**

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53605 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

## SedDep-SS-2-OP-031516

### 6050205-02RE1 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Air Water and Soil Laboratories, Inc.** | | | | | | | | |
| **Wet Chemistry Analysis** | | | | | | | | |
| TOC (Max) | **3460** | 800 | 1000 | mg/kg | 16-May-2016 | 16-May-2016 | SW9060A | |
| TOC (Mean) | **3450** | 800 | 1000 | mg/kg | 16-May-2016 | 16-May-2016 | SW9060A | |
| TOC (Min) | **3440** | 800 | 1000 | mg/kg | 16-May-2016 | 16-May-2016 | SW9060A | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro |

**Reported:** 30-Jun-2016

## SedDep-SS-3-OP-031516
### 6050205-03 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-----------------|-------|----------|----------|--------|-------|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **88.8** | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **1.71** | 0.00385 | 0.00385 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | **2370** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Mean)** | **2350** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Min)** | **2330** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

## SedDep-SS-4-OP-031516

### 6050205-04 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 63.4 | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | 0.703 | 0.00350 | 0.00350 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | 2410 | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Mean)** | 2420 | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Min)** | 2330 | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

## SedDep-SS-5-OP-031516

### 6050205-05 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **54.7** | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **4.53** | 0.00375 | 0.00375 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | **3640** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Mean)** | **3580** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Min)** | **3510** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 5360 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

### SedDep-SS-6-OP-031516

#### 6050205-06 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **49.9** | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **0.690** | 0.00356 | 0.00356 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | **2510** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Mean)** | **2480** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Min)** | **2450** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
| --- | --- | --- |
| Environmental Science and Applied System Branch, 53605 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

## SedDep-SS-7-OP-031516

### 6050205-07 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | **ERDC-EL-EP-C** | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **47.7** | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **0.535** | 0.00380 | 0.00380 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | **2790** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Mean)** | **2660** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Min)** | **2540** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |

# USACE ERDC-EP-C
## 3909 Halls Ferry Road
## Vicksburg, MS 39180-6199

| | |
|---|---|
| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal |
| Environmental Science and Applied System Branch, 53603 | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro |
| | 30-Jun-2016 |

## SedDep-SS-8-OP-031516
### 6050205-08 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **ERDC-EL-EP-C** | | | | | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **51.4** | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **0.719** | 0.00306 | 0.00306 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | **2750** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Mean)** | **2710** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Min)** | **2680** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 5360! | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

### SedDep-SS-9-OP-031516

#### 6050205-09 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | **47.7** | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | **0.628** | 0.00387 | 0.00387 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | **2600** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Mean)** | **2540** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Min)** | **2480** | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 5360 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

## SedDep-SS-10-OP-031516

### 6050205-10 (Soil/Sediment)

| Analyte | Result | Detection Limit | Reporting Limit | Units | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | **ERDC-EL-EP-C** | | | | |
| **Classical Chemistry Parameters** | | | | | | | | |
| **% Solids** | 59.2 | 0.500 | 0.500 | % Solids | 17-May-2016 | 27-Jun-2016 | % Calculation | |
| **Metals by EPA 6000/7000 Series Methods** | | | | | | | | |
| **Mercury** | 7.55 | 0.00355 | 0.00355 | mg/kg | 18-May-2016 | 18-May-2016 | EPA 7474 | |
| **Wet Chemistry Analysis** | | | | | | | | |
| **TOC (Max)** | 2300 | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Mean)** | 2250 | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |
| **TOC (Min)** | 2190 | 1600 | 2000 | mg/kg | 18-May-2016 | 18-May-2016 | SW9060A | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Navy -- SPAWAR

Environmental Science and Applied System Branch, 53603

San Diego CA, 92152

Project: ESTCP Sediment Deposition Detector DemVal

**Reported:**

Project Manager: Joel Guererro

30-Jun-2016

## Metals by EPA 6000/7000 Series Methods - Quality Control

## ERDC-EL-EP-C

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B605145 - Default Prep Metals** | | | | | | | | | | | |
| **Blank (B605145-BLK1)** | | | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| Mercury | ND | 0.00400 | 0.00400 | mg/kg | | | | | | | U |
| **LCS (B605145-BS1)** | | | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| Mercury | 0.107 | 0.00400 | 0.00400 | mg/kg | 0.1000 | | 107 | 75-125 | | | |
| **Calibration Blank (B605145-CCB1)** | | | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| Mercury | -0.00200 | 0.004 | 0.004 | mg/kg | | | | | | | U |
| **Calibration Check (B605145-CCV1)** | | | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| Mercury | 0.0976 | 0.00400 | 0.00400 | mg/kg | 0.1000 | | 97.6 | 90-110 | | | |
| **Calibration Check (B605145-CCV2)** | | | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| Mercury | 0.105 | 0.00400 | 0.00400 | mg/kg | 0.1000 | | 105 | 90-110 | | | |
| **Duplicate (B605145-DUP1)** | | **Source: 6050205-01** | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| Mercury | 0.292 | 0.00326 | 0.00326 | mg/kg | | 0.290 | | | 0.742 | 25 | |
| **Matrix Spike (B605145-MS1)** | | **Source: 6050205-01** | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| Mercury | 0.409 | 0.00306 | 0.00306 | mg/kg | 0.1531 | 0.290 | 78.2 | 75-125 | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| Navy -- SPAWAR | Project: ESTCP Sediment Deposition Detector DemVal | |
|---|---|---|
| Environmental Science and Applied System Branch, 53603 | | **Reported:** |
| San Diego CA, 92152 | Project Manager: Joel Guererro | 30-Jun-2016 |

## Wet Chemistry Analysis - Quality Control

## Air Water and Soil Laboratories, Inc.

| Analyte | Result | Detection Limit | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BZE0517 - No Prep Halides** | | | | | | | | | | | |
| **Blank (BZE0517-BLK1)** | | | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| TOC (Max) | ND | 80.0 | 100 | mg/kg | | | | - | | | |
| TOC (Mean) | ND | 80.0 | 100 | mg/kg | | | | - | | | |
| TOC (Min) | ND | 80.0 | 100 | mg/kg | | | | - | | | |
| **LCS (BZE0517-BS1)** | | | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| TOC (Max) | 1050 | 80.0 | 100 | mg/kg | 1000 | | 105 | 80-120 | | | |
| TOC (Mean) | 1050 | 80.0 | 100 | mg/kg | 1000 | | 105 | 80-120 | | | |
| TOC (Min) | 1050 | 80.0 | 100 | mg/kg | 1000 | | 105 | 80-120 | | | |
| **LCS Dup (BZE0517-BSD1)** | | | | | Prepared & Analyzed: 18-May-2016 | | | | | | |
| TOC (Max) | 1050 | 80.0 | 100 | mg/kg | 1000 | | 105 | 80-120 | 0.576 | 20 | |
| TOC (Mean) | 1050 | 80.0 | 100 | mg/kg | 1000 | | 105 | 80-120 | 0.576 | 20 | |
| TOC (Min) | 1050 | 80.0 | 100 | mg/kg | 1000 | | 105 | 80-120 | 0.576 | 20 | |
| **Matrix Spike (BZE0517-MS1)** | | Source: 6050205-02 | | | Prepared & Analyzed: 16-May-2016 | | | | | | |
| TOC (Max) | 4220 | 800 | 1000 | mg/kg | 1000 | 3460 | 75.4 | 80-120 | | | M2 |
| TOC (Mean) | 4180 | 800 | 1000 | mg/kg | 1000 | 3450 | 72.7 | 80-120 | | | M2 |
| TOC (Min) | 4140 | 800 | 1000 | mg/kg | 1000 | 3440 | 70.0 | 80-120 | | | M2 |
| **Matrix Spike Dup (BZE0517-MSD1)** | | Source: 6050205-02 | | | Prepared & Analyzed: 16-May-2016 | | | | | | |
| TOC (Max) | 4370 | 800 | 1000 | mg/kg | 1000 | 3460 | 90.3 | 80-120 | 3.48 | 20 | |
| TOC (Mean) | 4330 | 800 | 1000 | mg/kg | 1000 | 3450 | 87.8 | 80-120 | 3.54 | 20 | |
| TOC (Min) | 4300 | 800 | 1000 | mg/kg | 1000 | 3440 | 85.2 | 80-120 | 3.60 | 20 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**SPAWAR**
Systems Center
PACIFIC

*SPAWAR SYSTEMS CENTER PACIFIC*
*ADVANCED SYSTEMS & APPLIED SCIENCES DIVISION*
*ENERGY AND ENVIRONMENTAL SUSTAINABILITY*
BRANCH, CODE 7176
53475 STROTHE ROAD
SAN DIEGO, CA 92152-5000

**Project Title/Project Number:** ESTCP Sediment Deposition (SedDep) Detector DemVal

**Project PI:** Dr. D. Bart Chadwick

**Remarks**

**Sampler(s): (Signature)** Joel Guerrero / Ernie Arias (Code 7176)

**Contact:** Joel Guerrero

**Tel:** 619-553-5333 | **Fax:** 619-553-6305 | **Email:** joel.guerrero@navy.mil | **Contact Tel:** (619) 850-2109

**Special Instructions/Comments:**
Water samples; kept dark & cold (4 °C)

| Field Sample Identification | Start Date Collection | Start Time (local) | Matrix | Type | Pres. | PCB congeners [8082A / 3510] | Cu,Pb [6020A] Hg [7471B] | Bulk Density [ASTM D1895] | TOC [9060] | Grain Size [ASTM D422-63] |
|---|---|---|---|---|---|---|---|---|---|---|
| SedDep-SS-1-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-2-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-3-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-4-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-5-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-6-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-7-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-8-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-9-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-10-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| SedDep-SS-2dup-OP-031516 | | | Sediment | Grab | none | x | x | x | x | x |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **TOTAL** | | | | | | | | **11** | | |

**SS =** surface sediment from core samples

| Relinquished by: | (Signature) | Date: 4/28/2016 | Time: 1030 |
|---|---|---|---|
| Joel Guerrero | | | |
| Received by: | (Signature) | Date: 5/2/16 | Time: 1:30 |
| Joel Guerrero | | | |

# Items for Project Manager Review

| LabNumber | Analysis | Analyte | Exception |
|-----------|----------|---------|-----------|
|           |          |         | Data included from: W:\TransferIn\6050205 TRANSFER 30 Jun 2016 1127.mdb |

| UNITS = ug/kg dry wt | | %REC TMX | %REC 209 | DET LIMIT | REPORT LIMIT | 1 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6050205-1 | SS 1 OP 031516 | 105 | 86.3 | 0.057 | 0.17 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| -2 | SS 2 OP 031516 | 99 | 62.1 | 0.077 | 0.23 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| -3 | SS 3 OP 031516 | 91.8 | 91.9 | 0.050 | 0.15 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| -4 | SS 4 OP 031516 | 95 | 55.7 | 0.067 | 0.2 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| -5 | SS 5 OP 031516 | 99.8 | INTERFERENCE | 0.073 | 0.22 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| -6 | SS 6 OP 031516 | 86.6 | 44.6 | 0.087 | 0.26 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| -7 | SS 7 OP 031516 | 87.5 | 37.6 | 0.090 | 0.27 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| -8 | SS 8 OP 031516 | 86.4 | 48.2 | 0.087 | 0.26 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| -9 | SS 9 OP 031516 | 85.2 | INTERFERENCE | 0.090 | 0.27 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| -10 | SS 10 OP 031516 | 79.5 | 46.7 | 0.073 | 0.22 | N.D. | N.D. | N.D. | N.D. | 4.372 | |
| | | | | | | N.D. | N.D. | N.D. | N.D. | | 1.126 |
| Blank | | 36 | 95.3 | | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| BS %Rec | | 40 | 36.5 | | | | | | 70 | | |
| MS %Rec | | 104 | 57.8 | | | | | | 83.3 | | |
| MSD %Rec | | 116 | 56.8 | | | | | | 90.4 | | |

| 8 | 9 | 10 | 12 | 13 | 14 | 15/16 | 17 | 18 | 19 | 20/33 | 22 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | | 0.482 | 0.146 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.758 | 0.213 | | | N.D. | N.D. | N.D. |
| 0.25 | N.D. | N.D. | N.D. | N.D. | N.D. | | | 0.329 | 0.292 | N.D. | N.D. | N.D. |
| | N.D. | N.D. | N.D. | N.D. | N.D. | 0.633 | 0.496 | | | N.D. | N.D. | N.D. |
| 0.076 | N.D. | N.D. | N.D. | N.D. | N.D. | | | 0.231 | 0.135 | 0.277 | 0.128 | N.D. |
| | N.D. | N.D. | N.D. | N.D. | N.D. | 0.388 | 0.323 | | | | | N.D. |
| 0.162 | N.D. | N.D. | N.D. | N.D. | N.D. | | | 0.185 | N.D. | N.D. | N.D. | N.D. |
| | N.D. | N.D. | N.D. | N.D. | N.D. | 0.353 | 0.435 | | N.D. | N.D. | N.D. | N.D. |
| 0.213 | N.D. | N.D. | N.D. | N.D. | N.D. | | | 0.24 | 0.263 | 0.279 | 0.161 | 0.096 |
| | N.D. | N.D. | N.D. | N.D. | N.D. | 0.348 | 0.478 | | | | | |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | | N.D. | 0.304 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.308 | 0.315 | N.D. | | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | | N.D. | 0.26 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.335 | 0.174 | N.D. | | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | | 0.17 | 0.284 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.304 | 0.344 | | | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | | N.D. | 0.231 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.248 | 0.154 | N.D. | | N.D. | N.D. | N.D. |
| 3.171 | | N.D. | N.D. | N.D. | N.D. | | | 15.95 | 13.482 | 0.861 | N.D. | N.D. |
| | 0.371 | N.D. | N.D. | N.D. | N.D. | 0.359 | 7.723 | | | | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | | | | 60 | | | | |
| | | | | | | | | 72.9 | | | | |
| | | | | | | | | 81.7 | | | | |

| 25 | 26 | 27 | 28/31 | 29 | 32 | 34 | 35 | 37 | 40 | 41 | 42 | 44 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | 0.085 | N.D. | 0.336 | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.29 |
| N.D. |  | N.D. |  | N.D. | 0.158 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  |
| 0.116 | 0.171 | N.D. | 0.627 | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. |  | 0.532 |
|  |  | N.D. |  | N.D. | 0.303 | N.D. | N.D. | N.D. | N.D. | N.D. | 0.091 |  |
| 0.314 | 0.119 | N.D. | 0.55 | 0.089 |  | N.D. | N.D. | N.D. | N.D. | N.D. |  | 0.246 |
|  |  | N.D. |  |  | 0.252 | N.D. | N.D. | N.D. | N.D. | N.D. | 0.072 |  |
| 0.118 | 0.271 | N.D. | 0.4 | 0.128 |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.342 |
|  |  | N.D. |  |  | 0.303 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  |
| 0.256 | 0.346 | 0.097 | 0.342 | 0.179 |  | N.D. | N.D. | N.D. | N.D. | N.D. |  | 0.539 |
|  |  |  |  |  | 0.702 | N.D. | N.D. | N.D. | N.D. | N.D. | 0.107 |  |
| N.D. | N.D. | N.D. | N.D. | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.167 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.112 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | 0.303 | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 0.172 |
| N.D. | N.D. | N.D. |  | N.D. | 0.345 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  |
| N.D. | N.D. | N.D. | N.D. | N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.121 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 5.621 | 9.914 | 10.894 | 6.135 |  |  | 0.213 | N.D. | N.D. | 0.239 | N.D. |  | 5.006 |
|  |  |  |  |  | 12.827 |  | N.D. | N.D. |  | N.D. | 0.785 |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  |  | 60.7 |  |  |  |  |  |  |  |  | 72 |
|  |  |  | 80.8 |  |  |  |  |  |  |  |  | 91.7 |
|  |  |  | 95 |  |  |  |  |  |  |  |  | 106 |

| 45 | 46 | 47 | 48 | 49 | 51 | 52 | 53 | 54 | 56 | 59 | 60 | 63 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | N.D. | | | 0.542 | N.D. | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.454 | 0.098 | | N.D. | 1.042 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 0.133 | N.D. | | | 1.134 | N.D. | | 0.139 | N.D. | N.D. | | | N.D. |
| | N.D. | 1.006 | 0.209 | | N.D. | 1.571 | | N.D. | N.D. | 0.12 | 0.156 | N.D. |
| 0.142 | N.D. | | | 0.708 | 1.475 | | 0.641 | N.D. | N.D. | | | N.D. |
| | N.D. | 1.541 | 0.1 | | | 0.724 | | N.D. | N.D. | 0.094 | 0.137 | N.D. |
| N.D. | N.D. | | | 1.087 | 1.562 | | 0.589 | N.D. | N.D. | | | N.D. |
| N.D. | N.D. | 0.878 | 0.084 | | | 1.227 | | N.D. | N.D. | 0.11 | 0.149 | N.D. |
| 0.085 | N.D. | | | 2.725 | 2.872 | | 1.125 | N.D. | N.D. | | | N.D. |
| | N.D. | 2.803 | 0.217 | | | 2.2 | | N.D. | N.D. | 0.177 | 0.219 | N.D. |
| N.D. | N.D. | | N.D. | 0.261 | N.D. | | 0.122 | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.362 | N.D. | | N.D. | 0.192 | | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | | N.D. | 0.254 | N.D. | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.295 | N.D. | | N.D. | 0.196 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | | N.D. | 0.606 | 0.502 | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.48 | N.D. | | | 0.572 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | | N.D. | 0.221 | 0.256 | | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.354 | N.D. | | | 0.095 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| 0.639 | 0.889 | | | 25.603 | 5.859 | | 16.84 | 1.507 | | N.D. | | 0.202 |
| | | 12.558 | 1.16 | | | 27.408 | | | 2.332 | N.D. | 0.239 | |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |

65
83.8
90.8

| 64 | 66 | 67/100 | 69 | 70 | 71 | 73 | 74 | 75 | 77 | 81/117 | 82 | 83 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | 0.116 | N.D. | 0.597 |  |  |  | N.D. | N.D. | 0.239 |  | 0.208 |
| 0.132 | 0.349 |  | N.D. |  | 0.227 | 0.127 | 0.214 | N.D. | N.D. |  | 0.16 |  |
|  |  | 0.232 | N.D. | 0.716 |  |  |  | N.D. | N.D. | 0.079 |  | 0.102 |
| 0.203 | 0.781 |  | N.D. |  | 0.466 | 0.126 | 0.227 | N.D. | N.D. |  | 0.138 |  |
|  |  | 1.19 | N.D. | 0.376 |  | N.D. |  | N.D. |  | 0.054 |  | 0.076 |
| 0.095 | 0.459 |  | N.D. |  | 0.236 | N.D. | 0.143 | 0.053 | N.D. |  | 0.061 |  |
|  |  | 0.215 | N.D. | 0.597 |  |  |  | N.D. | N.D. | 0.096 | N.D. | N.D. |
| 0.207 | 0.512 |  | N.D. |  | 1.432 | 0.118 | 0.145 | N.D. | N.D. |  | N.D. | N.D. |
|  |  | 1.092 | N.D. | 0.777 |  |  |  | N.D. |  | 0.094 |  | 0.181 |
| 0.195 | 0.753 |  | N.D. |  | 0.774 | 0.183 | 0.201 | 0.184 | N.D. |  | 0.154 |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | 0.131 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. |  | N.D. | N.D. | 0.171 |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | 0.14 | N.D. | N.D. |  | 0.28 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  | 1.555 | 0.489 | 9.278 |  |  |  |  |  | 0.914 |  | 1.057 |
| 1.313 | 4.577 |  |  |  | 3.303 | 0.711 | 1.12 | 0.647 | 0.079 |  | 1.64 |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  | 86.7 |  |  |  |  |  |  |  |  |  |  |  |
|  | 80.7 |  |  |  |  |  |  |  |  |  |  |  |
|  | 88.1 |  |  |  |  |  |  |  |  |  |  |  |

| 84 | 85 | 87/115 | 90/101 | 91 | 92 | 93 | 95 | 97 | 99 | 103 | 104 | 105 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | 0.145 | 0.315 | | 0.216 | N.D. | | | 0.373 | N.D. | N.D. | N.D. | |
| N.D. | | | 2.515 | | N.D. | | 1.52 | | N.D. | N.D. | N.D. | 0.29 |
| 0.604 | 0.24 | 0.442 | | 0.703 | N.D. | | | 0.595 | 1.427 | N.D. | N.D. | |
| | | | 3.06 | | N.D. | | 1.998 | | | N.D. | N.D. | 0.349 |
| 0.283 | 0.167 | 0.317 | | 0.556 | N.D. | | | 0.335 | 0.989 | 0.147 | 0.339 | |
| | | | 1.74 | | N.D. | | 1.043 | | | | | 0.205 |
| 0.527 | 0.201 | 0.29 | | 0.61 | N.D. | | | 0.447 | 1.191 | N.D. | 0.265 | |
| | | | 2.629 | | N.D. | | 1.646 | | | N.D. | | 0.253 |
| 0.844 | 0.405 | 0.65 | | 1.378 | N.D. | | | 0.868 | 2.852 | 0.374 | 0.478 | |
| | | | 5.025 | | N.D. | | 2.978 | | | | | 0.556 |
| 0.113 | N.D. | N.D. | | 0.224 | N.D. | | | N.D. | 0.377 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | 0.424 | | N.D. | | 0.337 | N.D. | | N.D. | N.D. | N.D. |
| 0.096 | N.D. | N.D. | | 0.218 | N.D. | | | N.D. | 0.328 | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | 0.539 | | N.D. | | 0.424 | N.D. | | N.D. | N.D. | N.D. |
| 0.213 | 0.113 | 0.173 | | 0.481 | N.D. | | | 0.2 | 0.704 | N.D. | 0.172 | |
| | | | 1.39 | | N.D. | | 1.179 | | | N.D. | | 0.235 |
| 0.117 | N.D. | N.D. | | 0.278 | N.D. | | | N.D. | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | N.D. | 0.473 | | N.D. | | 0.389 | N.D. | N.D. | N.D. | N.D. | N.D. |
| 3.998 | 4.071 | 6.727 | | 3.025 | N.D. | | | 6.651 | 12.212 | 0.711 | N.D. | |
| | | | 18.548 | | N.D. | | 13.045 | | | | N.D. | 5.449 |
| | | | | | | | | | | | | |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | 71.3 | 80.7 | | | | | | | | | |
| | | 92.3 | 90 | | | | | | | | | |
| | | 103 | 103 | | | | | | | | | |

| 107 | 110 | 114 | 118 | 119 | 122 | 123 | 124 | 126/129 | 128 | 130 | 131 | 132/153 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.089 | 1.242 | N.D. | 1.275 | 0.261 | N.D. |  |  | 0.337 | 0.272 | 0.091 | 0.103 | 4.593 |
|  | N.D. |  |  |  | N.D. | 0.091 | 0.07 |  |  |  |  |  |
| 0.191 | 1.452 | N.D. | 1.98 | 0.296 | N.D. | N.D. | N.D. | 0.098 | 0.669 | 0.229 | 0.213 | 6.593 |
|  | N.D. |  |  |  | N.D. | N.D. | N.D. |  |  |  |  |  |
| 0.077 | 0.689 | N.D. | 1.033 | 0.211 | N.D. | N.D. | N.D. | N.D. | 0.347 | 0.122 | 0.15 | 5.803 |
|  | N.D. |  |  |  | N.D. | N.D. | N.D. | N.D. |  |  |  |  |
| 0.15 | 1.206 | N.D. | 1.238 | 0.205 | N.D. | N.D. | N.D. | 0.079 | 0.595 | 0.22 | 0.166 | 6.239 |
|  | N.D. |  |  |  | N.D. | N.D. | N.D. |  |  |  |  |  |
| 0.237 | 2.233 | N.D. | 2.791 | 0.456 | N.D. | N.D. | N.D. | 0.148 | 0.982 | 0.523 | 0.346 | 15.222 |
|  | N.D. |  |  |  | N.D. | N.D. | N.D. |  |  |  |  |  |
| 0.058 | 0.126 | N.D. | 0.502 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 1.514 |
|  | N.D. |  |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  |
| N.D. | 0.171 | N.D. | 0.565 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | 1.615 |
| N.D. | N.D. |  |  | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |  |
| 0.071 | 0.5 | N.D. | 0.778 | 0.106 | N.D. | N.D. | N.D. | N.D. | 0.39 | 0.126 | 0.109 | 4.235 |
|  | N.D. |  |  |  | N.D. | N.D. | N.D. | N.D. |  |  |  |  |
| N.D. | 0.174 | N.D. | 0.515 | N.D. | N.D. | N.D. | N.D. | N.D. | 0.234 | N.D. | N.D. | 2.316 |
| N.D. | N.D. |  |  | N.D. | N.D. | N.D. | N.D. | N.D. |  | N.D. | N.D. |  |
| 1.386 | 13.187 | N.D. | 20.547 | 1.452 | N.D. |  |  | 0.905 | 3.147 | 0.925 | 1.579 | 39.262 |
|  | N.D. |  |  |  | N.D. | 0.351 | 0.538 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  | 67.3 |  |  |  |  |  |  |  |  |  |  | 90.7 |
|  | 94.4 |  |  |  |  |  |  |  |  |  |  | 88 |
|  | 86.1 |  |  |  |  |  |  |  |  |  |  | 112 |

| 134 | 135 | 136 | 137 | 138/163/164 | 141 | 144 | 146 | 147 | 149 | 151 | 154 | 156 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N.D. | | | N.D. | 2.845 | | | 0.548 | 0.062 | 2.763 | 0.715 | N.D. | 0.565 |
| N.D. | 0.411 | | N.D. | | 0.334 | 0.103 | | | | | N.D. | |
| N.D. | | | 0.103 | 4.172 | | | 1.129 | 0.183 | 3.997 | 1.185 | N.D. | 0.26 |
| N.D. | 0.713 | | | | 0.833 | 0.282 | | | | | N.D. | |
| N.D. | | | 0.06 | 2.685 | | | 0.779 | 0.498 | 2.853 | 0.966 | N.D. | 0.165 |
| N.D. | 0.535 | | | | 0.772 | 0.545 | | | | | N.D. | |
| N.D. | | | 0.067 | 3.963 | | | 1.064 | 0.137 | 4.004 | 1.124 | N.D. | 0.232 |
| N.D. | 0.67 | | | | 0.964 | 0.241 | | | | | N.D. | |
| N.D. | | | 0.132 | 9.538 | | | 2.387 | 0.531 | 8.783 | 2.649 | N.D. | 0.529 |
| N.D. | 1.601 | | | | 1.479 | 0.735 | | | | | N.D. | |
| N.D. | | | N.D. | 0.786 | | | 0.294 | N.D. | 0.836 | 0.172 | 0.163 | N.D. |
| N.D. | 0.146 | | N.D. | | 0.069 | 0.115 | | N.D. | | | | N.D. |
| N.D. | | | N.D. | 0.908 | | | 0.269 | N.D. | 0.944 | 0.223 | 0.199 | N.D. |
| N.D. | 0.153 | | N.D. | | 0.2 | 0.125 | | N.D. | | | | N.D. |
| N.D. | | | N.D. | 2.48 | | | 0.609 | N.D. | 2.417 | 0.698 | N.D. | 0.137 |
| N.D. | 0.34 | | N.D. | | 0.462 | 0.19 | | N.D. | | | | N.D. |
| N.D. | | | N.D. | 1.378 | | | 0.387 | N.D. | 1.28 | 0.339 | 0.177 | N.D. |
| N.D. | 0.235 | | N.D. | | 0.172 | 0.145 | | N.D. | | | | N.D. |
| 1.302 | | | 1.068 | 20.491 | | | 8.818 | 2.864 | 16.525 | 6.476 | 6.32 | 2.303 |
| | 2.59 | | | | 3.211 | 4.648 | | | | | | |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | 100 | 113 | | | | | 91.3 | | |
| | | | | 118 | 106 | | | | | 86.3 | | |
| | | | | 141 | 126 | | | | | 105 | | |

| 157 | 158 | 165 | 167 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.204 | | N.D. | 0.08 | N.D. | | | 0.26 | N.D. | 0.979 | N.D. | 0.134 | 0.974 |
| | 0.375 | N.D. | | N.D. | 0.935 | 1.149 | | N.D. | | N.D. | | |
| 0.167 | | N.D. | 0.186 | N.D. | | | 0.243 | N.D. | 1.369 | N.D. | 0.245 | 0.757 |
| | 0.287 | N.D. | | N.D. | 1.311 | 0.614 | | N.D. | | N.D. | | |
| N.D. | | N.D. | 0.119 | N.D. | | | 0.236 | N.D. | 1.554 | 0.058 | 0.292 | 0.693 |
| N.D. | 0.203 | N.D. | | N.D. | 0.951 | 0.384 | | N.D. | | | | |
| 0.157 | | N.D. | 0.17 | N.D. | | | 0.281 | N.D. | 1.391 | N.D. | 0.217 | 0.753 |
| | 0.301 | N.D. | | N.D. | 1.298 | 0.604 | | N.D. | | N.D. | | |
| 0.364 | | N.D. | 0.357 | N.D. | | | 0.632 | N.D. | 3.171 | 0.14 | 0.594 | 1.773 |
| | 0.62 | N.D. | | N.D. | 2.769 | 1.042 | | N.D. | | | | |
| N.D. | N.D. | N.D. | N.D. | N.D. | | | N.D. | N.D. | 0.293 | N.D. | N.D. | 0.174 |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.263 | 0.122 | N.D. | N.D. | | N.D. | N.D. | |
| N.D. | N.D. | N.D. | N.D. | N.D. | | | N.D. | N.D. | 0.301 | N.D. | N.D. | 0.179 |
| N.D. | N.D. | N.D. | N.D. | N.D. | 0.264 | 0.103 | N.D. | N.D. | | N.D. | N.D. | |
| 0.1 | | N.D. | 0.106 | N.D. | | | 0.159 | N.D. | 0.821 | N.D. | 0.138 | 0.448 |
| | 0.163 | N.D. | | N.D. | 0.737 | 0.296 | | N.D. | | N.D. | | |
| N.D. | | N.D. | N.D. | N.D. | | | 0.104 | N.D. | 0.474 | N.D. | N.D. | 0.294 |
| N.D. | 0.097 | N.D. | N.D. | N.D. | 0.442 | 0.166 | | N.D. | | N.D. | N.D. | |
| 2.264 | | N.D. | 0.895 | N.D. | | | 1.216 | N.D. | 5.204 | 0.304 | 1.007 | 3.123 |
| | 1.804 | N.D. | | N.D. | 3.653 | 1.414 | | N.D. | | | | |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | | | | 100 | | | | | | | |
| | | | | | 91.4 | | | | | | | |
| | | | | | 113 | | | | | | | |

| 178 | 179 | 180 | 183 | 184 | 185 | 187 | 189 | 190 | 191 | 193 | 194 | 195 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.399 | | 1.841 | 0.578 | N.D. | 0.11 | 1.146 | N.D. | | N.D. | 0.07 | 0.391 | |
| | 0.366 | | | N.D. | | | N.D. | 0.154 | N.D. | | | 0.114 |
| 0.302 | | 3.361 | 1.088 | N.D. | 0.174 | 2.17 | N.D. | | N.D. | 0.225 | 0.592 | |
| | 0.674 | | | N.D. | | | N.D. | 0.15 | N.D. | | | 0.201 |
| 0.449 | | 4.206 | 1.258 | N.D. | 0.241 | 3.686 | N.D. | | N.D. | 0.225 | 1.681 | |
| | 1.003 | | | N.D. | | | N.D. | 0.129 | N.D. | | | 0.436 |
| 0.405 | | 3.509 | 1.047 | N.D. | 0.167 | 2.087 | N.D. | | N.D. | 0.19 | 0.614 | |
| | 0.623 | | | N.D. | | | N.D. | 0.159 | N.D. | | | 0.209 |
| 0.802 | | 8.339 | 2.358 | N.D. | 0.366 | 5.199 | 0.133 | | 0.126 | 0.431 | 1.315 | |
| | 1.553 | | | N.D. | | | | 0.327 | | | | 0.443 |
| N.D. | | 0.861 | 0.266 | N.D. | N.D. | 0.55 | N.D. | N.D. | N.D. | N.D. | 0.149 | N.D. |
| N.D. | 0.15 | | | N.D. | N.D. | | N.D. | N.D. | N.D. | N.D. | | N.D. |
| N.D. | | 0.821 | 0.276 | N.D. | N.D. | 0.53 | N.D. | N.D. | N.D. | N.D. | 0.133 | N.D. |
| N.D. | 0.149 | | | N.D. | N.D. | | N.D. | N.D. | N.D. | N.D. | | N.D. |
| 0.21 | | 2.104 | 0.61 | N.D. | 0.092 | 1.271 | N.D. | N.D. | N.D. | 0.109 | 0.392 | |
| | 0.383 | | | N.D. | | | N.D. | N.D. | N.D. | | | 0.147 |
| 0.154 | | 1.331 | 0.406 | N.D. | N.D. | 0.826 | N.D. | N.D. | N.D. | N.D. | 0.21 | N.D. |
| | 0.244 | | | N.D. | N.D. | | N.D. | N.D. | N.D. | N.D. | | N.D. |
| 3.956 | | 16.304 | 4.942 | N.D. | 0.617 | 23.01 | 0.162 | | 0.2 | 1.066 | 8.188 | |
| | 5.476 | | | N.D. | | | | 0.517 | | | | 2.042 |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| | | 98 | 96 | | | 96 | | | | | | |
| | | 98.2 | 114 | | | 109 | | | | | | |
| | | 161 | 104 | | | 108 | | | | | | |

| 196 | 197 | 199 | 200 | 201 | 202 | 203 | 205 | 206 | 207 | 208 |
|---|---|---|---|---|---|---|---|---|---|---|
|  | N.D. | 0.386 | N.D. | N.D. |  |  | N.D. | 0.182 | N.D. |  |
| 0.22 | N.D. |  | N.D. | N.D. | 0.099 | 0.142 | N.D. |  | N.D. | 0.162 |
|  | N.D. | 0.527 | N.D. | 0.112 |  |  | N.D. | 0.261 | N.D. | N.D. |
| 0.309 | N.D. |  | N.D. |  | 0.137 | 0.44 | N.D. |  | N.D. | N.D. |
|  | 0.093 | 2.793 | N.D. | 0.345 |  |  | 0.077 | 2.297 | 0.298 |  |
| 1.011 |  |  | N.D. |  | 0.935 | 1.814 |  |  |  | 0.67 |
|  | N.D. | 0.563 | N.D. | 0.103 |  |  | N.D. | 0.255 | N.D. | N.D. |
| 0.322 | N.D. |  | N.D. |  | 0.128 | 0.375 | N.D. |  | N.D. | N.D. |
|  | 0.093 | 1.322 | N.D. | 0.162 |  |  | N.D. | 1.222 | 0.186 |  |
| 0.764 |  |  | N.D. |  | 0.429 | 0.795 | N.D. |  |  | 0.45 |
| N.D. | N.D. | 0.17 | N.D. | N.D. | N.D. |  | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. |  | N.D. | N.D. | N.D. | 0.098 | N.D. | N.D. | N.D. | N.D. |
| N.D. | N.D. | 0.149 | N.D. | N.D. | N.D. |  | N.D. | 0.225 | N.D. | N.D. |
| N.D. | N.D. |  | N.D. | N.D. | N.D. | 0.092 | N.D. |  | N.D. | N.D. |
|  | N.D. | 0.392 | N.D. | N.D. |  |  | N.D. | 0.217 | N.D. | N.D. |
| 0.287 | N.D. |  | N.D. | N.D. | 0.098 | 0.244 | N.D. |  | N.D. | N.D. |
|  | N.D. | 0.225 | N.D. | N.D. | N.D. |  | N.D. | 0.147 | N.D. | N.D. |
| 0.105 | N.D. |  | N.D. | N.D. | N.D. | 0.143 | N.D. |  | N.D. | N.D. |
|  | 0.416 | 9.412 | N.D. | 1.17 |  |  | 0.451 | 4.951 | 0.782 |  |
| 3.73 |  |  | N.D. |  | 3.124 | 5.244 |  |  |  | 0.936 |
| N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
|  |  |  |  |  |  |  |  | 95.3 |  |  |
|  |  |  |  |  |  |  |  | 100 |  |  |
|  |  |  |  |  |  |  |  | 94.7 |  |  |